WINNARD

Commercial Vehicle Braking Components



BRAKE DISCS | BRAKE PADS | BRAKE DRUMS | BRAKE LININGS | BRAKE SHOES

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
ADR Axles							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
300 x 160	2000		T	DRUM	**AD1001**	66LPA0801, 99522016203	300	190	221	204	275	10x22									WBSK0052/4
420 x 180 4218S-XA	2020		T	DRUM	**AD1002**	66LXA1002	420	200	280	227	335	10x24.5									
			T	DRUM	**AD1003**	66LXA1001	420	200	290	227	335	10x24.5									
Alexander Dennis PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Arrow	1995		F	DISC	**DE1041**	655750	437	45	136	130	165	10x17		WP1047	WP1047S2	WL016		WA213			
			F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/63/1 PSV	
			R	DRUM	**DE1025**	650711/8	394	214	282.575	265	335	10x26.5								CS/64/1 PSV	
Condor	1997		F	DRUM	**DE1046**	4816/88, 657340/1, F4816/88	394	201	281	250	335	10x26	1CS1CB4T							CS/63/1 PSV	
			R	DRUM	**DE1023**	651436/1	394	213	281	273	335	10x26	1CB2T							CS/64/1 PSV	
Dart MK I	1989	1992	F	DRUM	**DE1013**	652841/5, F4356/88	360	178	221	240	275	8x24	1CS2T							FI/124/1	
			R	DRUM	**DE1012**	652800-26, 652800/26, 65280026, 829510R	360	180	225	240	275	8x24	4CB4T							FI/124/1	
Dart MK II, MK III	1992		F	DRUM	**DE1013**	652841/5, F4356/88	360	178	221	240	275	8x24	1CS2T							PB/22/1 PSV	
			R	DRUM	**DE1012**	652800-26, 652800/26, 65280026, 829510R	360	180	225	240	275	8x24	4CB4T							PB/22/1 PSV	
Dart SLF	1996		F	DRUM	**DE1013**	652841/5, F4356/88	360	178	221	240	275	8x24	1CS2T							PB/22/1 PSV	
			R	DRUM	**DE1012**	652800-26, 652800/26, 65280026, 829510R	360	180	225	240	275	8x24	4CB4T							PB/22/1 PSV	
Delta	1980		F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							GG/92/1	
			R	DRUM	**DE1030**	609723/53, 610103/6	394	191	282	237	335	10x24	5CB3T							GG/92/1	
Dominator	1977	1989	F	DRUM	**DE1006**	33637, 609847 4, 609847/4, 6863526/4, 6863526/7	394	187	280	240	335	10x24	1CS2T							GG/180/1	
			F	DRUM	**DE1006**	33637, 609847 4, 609847/4, 6863526/4, 6863526/7	394	187	280	240	335	10x24	1CS2T							CS/63/1 PSV	
			F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/68/2 PSV	
			R	DRUM	**DE1011**	401297	394	213	280	273	335	10x32	5CB3T							CS/64/1 PSV	
			R	DRUM	**DE1011**	401297	394	213	280	273	335	10x32	5CB3T								
			R	DRUM	**DE1003**	400117, 401944, 654019/91	394	213	280	273	335	10x32	5CB2T							CS/64/1 PSV	
			R	DRUM	**DE1003**	400117, 401944, 654019/91	394	213	280	273	335	10x32	5CB2T								
			R	DRUM	**DE1003**	400117, 401944, 654019/91	394	213	280	273	335	10x32	5CB2T							CS/64/1 PSV	
			R	DRUM	**DE1003**	400117, 401944, 654019/91	394	213	280	273	335	10x32	5CB2T								
			R	DRUM	**DE1023**	651436/1	394	213	281	273	335	10x26	1CB2T								
			R	DRUM	**DE1023**	651436/1	394	213	281	273	335	10x26	1CB2T							CS/64/1 PSV	
Domini	1984		F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/68/2 PSV	
			R	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/68/2 PSV	
			R	DRUM	**DE1025**	650711/8	394	214	282.575	265	335	10x26.5									
Dorchester	1982		F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T								
			R	DRUM	**DE1025**	650711/8	394	214	282.575	265	335	10x26.5									
Dragon	1997		F	DRUM	**DE1046**	4816/88, 657340/1, F4816/88	394	201	281	250	335	10x26	1CS1CB4T							CS/63/1 PSV	
			F	DRUM	**DE1038**	651860-24, 651860/24, 65186024	394	201	281	245	335	10x26	1CS1CB4T							CS/63/1 PSV	
			R	DRUM	**DE1023**	651436/1	394	213	281	273	335	10x26	1CB2T							CS/64/1 PSV	
			T	DRUM	**DE1051**	653509 18, 653509/18, 65350918	394	212	281	271	335	10x26	1CS2T							CS/63/1 PSV	
Duple 425	1988		F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/68/2 PSV	
			R	DRUM	**DE1026**	651615/31	394	214	285	257	335	10x23	2CS2T								
Enviro 200 Dart	2006		F	DISC	**DE1054**	13 162 046, 13162046, 6413031, 658621, 658631	375	45	117	108	144	10x15	2 x M14 x 1.5	WP1389		WL029		WA223			
			R	DISC	**DE1055**	- WITH CAST ABS TEETH, 13 162 047, 13162047, 6444987, 658622,99829710, WABCO CT808	375	45	169	138	196	8xM14		WP1389		WL029		WA223			

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**DA1047**	1400284, 661483 21, 661483-21, 661483/21	375	45	179	146	209	10xM14		WP1389		WL029		WA223			
Enviro 200 MMC	2014		F	DISC	**DE1054**	13 162 046, 13162046, 6413031, 658621, 658631	375	45	117	108	144	10x15	2 x M14 x 1.5	WP1389		WL029		WA223			
	2015		F	DISC	**WR1002**	ADL 664242-5, ADL 664242/5, CSP-00356, CSP00356, K039422	374	45	117	114	145	10x14.75	2T	WP1329		WL085		WA231			
	2014		R	DISC	**DE1055**	- WITH CAST ABS TEETH, 13 162 047, 13162047, 6444987, 658622,99829710, WABCO CT808	375	45	169	138	196	8xM14		WP1389		WL029		WA223			
			R	DISC	**DE1055+**	- WITH KTL COATED STEEL ABS RING, 13 162 047, 13162047, 6444987, 658622	375	45	169	138	196	8xM14		WP1389		WL029		WA223			
	2015		R	DISC	**DE1055**	- WITH CAST ABS TEETH, 13 162 047, 13162047, 6444987, 658622,99829710, WABCO CT808	375	45	169	138	196	8xM14		WP1329		WL029	WL029	WA231			
Enviro 300	2002		F	DISC	**DE1054**	13 162 046, 13162046, 6413031, 658621, 658631	375	45	117	108	144	10x15	2 x M14 x 1.5	WP1389		WL029		WA223			
			R	DISC	**DE1055**	- WITH CAST ABS TEETH, 13 162 047, 13162047, 6444987, 658622,99829710, WABCO CT808	375	45	169	138	196	8xM14		WP1389		WL029		WA223			
Enviro 400	2004		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
			F	DISC	**DE1050**	23913487362, 658470-39, 658470/39, 65847039, DANA F4866-88, 250-F486688, F486688, K013569	430	45	135	105	165	14x15	2T	WP988	WP988S2			WA230			
			F	DISC	**BO1002S**	- WINNARD SOLID VERSION, 0.8213.5830, 000 420 02 72, 0004200172, 0004200272, 0004210312	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
			R	DISC	**BO1002S**	- WINNARD SOLID VERSION, 0.8213.5830, 000 420 02 72, 0004200172, 0004200272, 0004210312	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
Enviro 500 (Asian Pacific Model)	2002		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
			F	DISC	**BO1002S**	- WINNARD SOLID VERSION, 0.8213.5830, 000 420 02 72, 0004200172, 0004200272, 0004210312	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
			R	DISC	**BO1002S**	- WINNARD SOLID VERSION, 0.8213.5830, 000 420 02 72, 0004200172, 0004200272, 0004210312	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	2000		Rear Steer	DISC	**BO1002S**	- WINNARD SOLID VERSION, 0.8213.5830, 000 420 02 72, 0004200172, 0004200272, 0004210312	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
	2002		Rear Steer	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
Enviro 500 (Europe Model)			F	DISC	**DE1050**	23913487362, 658470-39, 658470/39, 65847039, DANA F4866-88, 250-F486688, F486688, K013569	430	45	135	105	165	14x15	2T	WP988	WP988S2			WA230			
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			Rear Steer	DISC	**DE1050**	23913487362, 658470-39, 658470/39, 65847039, DANA F4866-88, 250-F486688, F486688, K013569	430	45	135	105	165	14x15	2T	WP988	WP988S2			WA230			
			Rear Steer	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
Falcon	1982		F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/65/1 PSV	
			R	DRUM	**DE1025**	650711/8	394	214	282.575	265	335	10x26.5								CS/64/1 PSV	
Javelin MKI	1987	1991	F	DRUM	**DE1018**	653187	394	192	281	246	335	10x26	1CSCB4T							CS/68/2 PSV	
			F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/68/2 PSV	
			R	DRUM	**DE1009**	653188	394	214	282	265	335	10x26	5CB3T								
			R	DRUM	**DE1025**	650711/8	394	214	282.575	265	335	10x26.5									
Javelin MKII	1991	1996	F	DISC	**DE1039**	653565	440	45	190	135	225	10xM16		WP769							
Javelin MKIII	1997		F	DISC	**DE1041**	655750	437	45	136	130	165	10x17		WP1047	WP1047S2			WA213			
			F	DISC	**DE1060**	68326013C, DEP100013, MBR9010	438	45	136	130	165	10x17	2xM14	WP1047	WP1047S2	WL016		WA213			
Lance	1991		F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/64/1 PSV	
			R	DRUM	**DE1025**	650711/8	394	214	282.575	265	335	10x26.5								CS/63/1 PSV	
Lance SLF	1995		F	DISC	**DE1052**	654646	432	45	194	135	220	10xM16		WP760	WP760S2	WL011		WA208-1			
			R	DRUM	**DE1025**	650711/8	394	214	282.575	265	335	10x26.5								CS/63/1 PSV	
Lancet	1983		F	DRUM	**DE1031**	611293/13	394	178	279	235	335	10x24	2CB2T							GG/155/1 PSV	
			F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/68/2 PSV	
			R	DRUM	**DE1030**	609723/53, 610103/6	394	191	282	237	335	10x24	5CB3T							GG/155/1 PSV	
			R	DRUM	**DE1025**	650711/8	394	214	282.575	265	335	10x26.5									
Panther	2001		F	DISC	**DE1050**	23913487362, 658470-39, 658470/39, 65847039, DANA F4866-88, 250-F486688, F486688, K013569	430	45	135	105	165	14x15	2T	WP988	WP988S2	WL063		WA230	WA231		
			R	DISC	**DE1053+2**	- WITH KTL COATED BOLT ON STEEL ABS RING, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**DE1053**	- WITH CAST ABS TEETH, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
Pointer	1989		F	DRUM	**DE1013**	652841/5, F4356/88	360	178	221	240	275	8x24	1CS2T							FI/124/1	
			F	DRUM	**DE1013**	652841/5, F4356/88	360	178	221	240	275	8x24	1CS2T							PB/22/1 PSV	
			R	DRUM	**DE1012**	652800-26, 652800/26, 65280026, 829510R	360	180	225	240	275	8x24	4CB4T							FI/124/1	
			R	DRUM	**DE1012**	652800-26, 652800/26, 65280026, 829510R	360	180	225	240	275	8x24	4CB4T							PB/22/1 PSV	
R Series, R300, R345, R420	2001		F	DISC	**DE1050**	23913487362, 658470-39, 658470/39, 65847039, DANA F4866-88, 250-F486688, F486688, K013569	430	45	135	105	165	14x15	2T	WP988	WP988S2	WL018	WL018	WA230	WA231		
			F	DISC	**DE1053+2**	- WITH KTL COATED BOLT ON STEEL ABS RING, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
			F	DISC	**DE1053**	- WITH CAST ABS TEETH, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
			R	DISC	**DE1053+2**	- WITH KTL COATED BOLT ON STEEL ABS RING, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
			R	DISC	**DE1053**	- WITH CAST ABS TEETH, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
Trident - Tri axle	1997		2nd Axle	DRUM	**DE1043**	656007 55, 656007-55, 656007/55, 65600755, F4773-88, F4773/88	410	227	281	274	335	10x26	1CB4T							CS/70/1 PSV	
			F	DRUM	**DE1043**	656007 55, 656007-55, 656007/55, 65600755, F4773-88, F4773/88	410	227	281	274	335	10x26	1CB4T							CS/70/1 PSV	
			R	DRUM	**DE1043**	656007 55, 656007-55, 656007/55, 65600755, F4773-88, F4773/88	410	227	281	274	335	10x26	1CB4T							CS/70/1 PSV	
Trident - Twin axle			F	DRUM	**DE1043**	656007 55, 656007-55, 656007/55, 65600755, F4773-88, F4773/88	410	227	281	274	335	10x26	1CB4T							CS/70/1 PSV	
			R	DRUM	**DE1048**	656995-87, 656995/87, 65699587	410	233	282	275	335	10x23	2CB2T							PB/18/19/1	
Trident II	2001		F	DISC	**DE1050**	23913487362, 658470-39, 658470/39, 65847039, DANA F4866-88, 250-F486688, F486688, K013569	430	45	135	105	165	14x15	2T	WP988	WP988S2	WL063		WA230	WA231		
			R	DISC	**DE1053+2**	- WITH KTL COATED BOLT ON STEEL ABS RING, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
			R	DISC	**DE1053**	- WITH CAST ABS TEETH, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
Alexander PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
ALX100 8.1 - 8.5m	1997	1999	F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1070**	A6684230112	324	30	157	121	192	6xM12		WP501		WL007		WA236			
ALX200 9.5 - 10.8m	1996		F	DRUM	**DE1013**	652841/5, F4356/88	360	178	221	240	275	8x24	1CS2T							PB/22/1 PSV	
			F	DRUM	**VO1026**	6772133	360	184	228	248	275	8x21.5	2T							GG/214/215/1	

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WINNARD						X-Ref														
Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**DE1012**	652800-26, 652800/26, 65280026, 829510R	360	180	225	240	275	8x24	4CB4T							PB/22/1 PSV	
			R	DRUM	**VO1026**	6772133	360	184	228	248	275	8x21.5	2T							GG/214/215/1	
ALX300 12m - Daf Chassis	1997		F	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
			R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
ALX300 12m - MAN Chassis			F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MP/31/2	
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
ALX300 12m - Volvo Chassis			F	DRUM	**VO1027**	1599010	410	205	282	274	335	10x28	2CS2T							VL/88/2	
			R	DRUM	**VO1025**	1599012	410	229	282	307	335	10x28	2CS2T							VL/89/2	
ALX400 10.5 - DennisChassis	1999		F	DRUM	**DE1043**	656007 55, 656007-55, 656007/55, 65600755, F4773-88, F4773/88	410	227	281	274	335	10x26	1CB4T							CS/70/1 PSV	
			R	DRUM	**DE1048**	656995-87, 656995/87, 65699587	410	233	282	275	335	10x23	2CB2T								
ALX400 10.5 - Volvo chassis	2000		F	DISC	**VO1060**	3112965-3, 3112965/3, 31129650	438	45	195	127	235	10xM16		WP1047	WP1047S2	WL013		WA213			
			R	DRUM	**VO1062**	9524103	394	250	282	287	335	10x28	2T							VL/100/101/1 PSV	
ALX500 12m - 3 axle Low Floor Double Decker	1997		F	DRUM	**DE1043**	656007 55, 656007-55, 656007/55, 65600755, F4773-88, F4773/88	410	227	281	274	335	10x26	1CB4T							CS/70/1 PSV	
			R	DRUM	**DE1048**	656995-87, 656995/87, 65699587	410	233	282	275	335	10x23	2CB2T							PB/18/19/1	
			R	DRUM	**DE1043**	656007 55, 656007-55, 656007/55, 65600755, F4773-88, F4773/88	410	227	281	274	335	10x26	1CB4T							CS/70/1 PSV	
			Rear Steer	DRUM	**DE1043**	656007 55, 656007-55, 656007/55, 65600755, F4773-88, F4773/88	410	227	281	274	335	10x26	1CB4T							CS/70/1 PSV	
DB250	1992		F	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
			R	DRUM	**DA1040**	2052205	394	213	281	273	335	10x26	1CB2T							CS/64/1 PSV	
DB250 MKII	2005		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			R	DRUM	**DA1040**	2052205	394	213	281	273	335	10x26	1CB2T							CS/64/1 PSV	
R-Type I Royale	1988		F	DRUM	**VO1074**	1599678, 3094888, 311104, 3111104/0	410	190	282	250	335	10x28	2T							VL/87/2	
			R	DRUM	**VO1075**	3111116/4, 311116	410	237	282	286	335	10x28	2CS2T							VL/88/2	
Ultra 12m Low Floor Single Decker	1995		F	DISC	**VO1060**	3112965-3, 3112965/3, 31129650	438	45	195	127	235	10xM16		WP1047	WP1047S2	WL013	WL013	WA213			
			R	DRUM	**VO1025**	1599012	410	229	282	307	335	10x28	2CS2T							VL/89/2	WBSK0051
	1996		R	DRUM	**VO1038**	1075310, 20713928, 21094124, 21451968, 21508813, 3171748	410	229	282	306	335	10x28	4x18CS + 2x25mm + 2xM20							VL/89/2	WBSK0051
Alvis							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Saxon Armoured Personnel Carrier	1988		F	DRUM	**SAX1001**	7996/88	410	186	280	238.5	335	10x26	1CB 4T								
			R	DRUM	**SAX1002**	R8754/40	410	187	280	255.575	335	10x26	1CB 4T								
American Axles							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Various Applications	1980		T	DRUM	**AM1001**		419	188	240	210	279.4	5x19.5	5x16								
			T	DRUM	**AM1002**	123207, 123365, 123537, 3219F162A, 79786875	419	195	223	270	285.75	10x25.4									
			T	DRUM	**AM1003**	3219-Y-155A, T02-0876	419	196	285.8	269.5	335	10x24									
			T	DRUM	**AM1004**	3219-R-18A	419	190	278	260	335	10x23.5	5CS 5T								
			T	DRUM	**AM1005**	3219-S-149A, 3219-S-149A	419	185.5	285.8	216	323.85	10x19.8									
			T	DRUM	**AM1006**		419	157.5	223.1	229.5	285.75	10x33.3									
			T	DRUM	**AM1007**	10005332, 10014756, 3598B	419	142.5	223	238	285.75	10.25									
Autosan							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
A1012T Eagle (RHD)	2002		F	DRUM	**AU1001**	411-03-1036, 411.031.036, AU-GMP-01290, AUGMP01290	414	207	280.85	240	335	10x25	2CB2T							AU/AF36	
	2005		F	DISC	**TBA DISC**	Part number to be advised															
	2002		R	DRUM	**AU1001**	411-03-1036, 411.031.036, AU-GMP-01290, AUGMP01290	414	207	280.85	240	335	10x25	2CB2T							AU/AF36	
	2005		R	DISC	**TBA DISC**	Part number to be advised								WP1404	WP1404S2			WA208			
Sancity 10LF	2012		F	DISC	**TBA DISC**	Part number to be advised															
			R	DISC	**TBA DISC**	Part number to be advised								WP1404	WP1404S2			WA208			
Sancity 12LF			F	DISC	**TBA DISC**	Part number to be advised															
			R	DISC	**TBA DISC**	Part number to be advised								WP1404	WP1404S2			WA208			
Avia							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
3500	1985		R	DRUM	**NIS1010**	06002320	308	114	161	161	205	6x21	2T1CS								
5600			R	DRUM	**NIS1010**	06002320	308	114	161	161	205	6x21	2T1CS								
AWD							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
MTL 33.27 (8x6)	1991		F	DRUM	**AW1002**	A4023912	381	187	280	256	335	10x24	2CS2T								
			F		**TBA**	Part number to be advised														VL/88/2	
			R	DRUM	**AW1001**	A4020760	394	208	281	268	335	10x24	4T								
			R	DRUM	**AW1003**	A4030617	410	210	285	256	335	10x24	2CS2T							VL/88/2	
			R	DRUM	**AW1004**	A4036093	410	203	282	280	335	10x23	2CS2T							VL/88/2	
			R	DRUM	**AW1005**	A4030617	410	207	285	268	335	10x23.5	2CS2T							VL/88/2	
MTM40.30	1990		F	DRUM	**BE1012**	91082122	394	224	282	267	335	10x23	2CS2T							CW/12/1	
			R	DRUM	**BE1012**	91082122	394	224	282	267	335	10x23	2CS2T							CW/12/1	
TL 7.14	1988	1992	F	DRUM	**BE1014**	6332994, 6346104, 91005547, 91024573	330	104	131	109	162	6x10								BO/37/38/1	
			R	DRUM	**BE1004**	2687944, 6332227, 6346106, 6346109, 91123931	330	121	165	173	205	6x23								BO/39/40/1	
TL 8.14			F	DRUM	**BE1014**	6332994, 6346104, 91005547, 91024573	330	104	131	109	162	6x10								BO/37/38/1	
			R	DRUM	**BE1004**	2687944, 6332227, 6346106, 6346109, 91123931	330	121	165	173	205	6x23								BO/39/40/1	
TL 9.14			F	DRUM	**BE1014**	6332994, 6346104, 91005547, 91024573	330	104	131	109	162	6x10								BO/37/38/1	
			R	DRUM	**BE1004**	2687944, 6332227, 6346106, 6346109, 91123931	330	121	165	173	205	6x23								BO/39/40/1	
TL10.14	1991		F		**TBA**	Part number to be advised														GG/216/1 PSV	
	1988	1991	R	DRUM	**BE1008**	2683786	359	116	235	138	275	8x24									
	1991	1992	R		**TBA**	Part number to be advised														GG/216/1 PSV	
TL13.14	1988	1990	F		**TBA**	Part number to be advised															
	1991	1992	F		**TBA**	Part number to be advised														GG/216/1 PSV	
	1988	1990	R	DRUM	**BE1021**	7181747, 7207596	410	141	235	184	275	8x23									
	1991	1992	R		**TBA**	Part number to be advised														GG/216/1 PSV	
TL13.16	1988	1990	F		**TBA**	Part number to be advised															

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1991	1992	F		**TBA**	Part number to be advised														GG/216/1 PSV	
	1988	1990	R	DRUM	**BE1021**	7181747, 7207596	410	141	235	184	275	8x23									
	1991	1992	R		**TBA**	Part number to be advised														GG/216/1 PSV	
TL17.18	1988		F	DRUM	**BE1012**	91082122	394	224	282	267	335	10x23	2CS2T							CW/12/1	
			R	DRUM	**BE1012**	91082122	394	224	282	267	335	10x23	2CS2T							CW/12/1	
TL17.27	1991		F	DRUM	**AW1002**	A4023912	381	187	280	256	335	10x24	2CS2T								
			F		**TBA**	Part number to be advised														VL/88/2	
			R	DRUM	**AW1001**	A4020760	394	208	281	268	335	10x24	4T								
			R	DRUM	**AW1003**	A4030617	410	210	285	256	335	10x24	2CS2T							VL/88/2	
			R	DRUM	**AW1004**	A4036093	410	203	282	280	335	10x23	2CS2T							VL/88/2	
			R	DRUM	**AW1005**	A4030617	410	207	285	268	335	10x23.5	2CS2T							VL/88/2	
TL18.16		1992	F		**TBA**	Part number to be advised														GG/216/1 PSV	
			R		**TBA**	Part number to be advised														GG/216/1 PSV	
TL18.18			F		**TBA**	Part number to be advised														GG/216/1 PSV	
			R		**TBA**	Part number to be advised														GG/216/1 PSV	
TL21.16			F		**TBA**	Part number to be advised														GG/216/1 PSV	
			R		**TBA**	Part number to be advised														GG/216/1 PSV	
TL21.18			F		**TBA**	Part number to be advised														GG/216/1 PSV	
			R		**TBA**	Part number to be advised														GG/216/1 PSV	
TL24.27			F	DRUM	**AW1002**	A4023912	381	187	280	256	335	10x24	2CS2T								
			F		**TBA**	Part number to be advised														VL/88/2	
			R	DRUM	**AW1001**	A4020760	394	208	281	268	335	10x24	4T								
			R	DRUM	**AW1003**	A4030617	410	210	285	256	335	10x24	2CS2T							VL/88/2	
			R	DRUM	**AW1004**	A4036093	410	203	282	280	335	10x23	2CS2T							VL/88/2	
			R	DRUM	**AW1005**	A4030617	410	207	285	268	335	10x23.5	2CS2T							VL/88/2	
TL30.16		1992	F		**TBA**	Part number to be advised														GG/216/1 PSV	
			R		**TBA**	Part number to be advised														GG/216/1 PSV	
TL9.14	1988	1991	R	DRUM	**BE1008**	2683786	359	116	235	138	275	8x24									
Ayats PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Atlantis - MAN Axles	2001		F	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
Atlas			F		**TBA**	Part number to be advised															
			R	DRUM	**AY1001**	MIS0580	410	210	285	257	335	10x23	2CS2T								
Bravo I, II, III - MAN Axles			F	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
Bravo I, II, III - Scania Chassis - Knorr caliper	1996		F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL018		WA231			
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL018		WA231			
Bravo I, II, III Integral	1999		R	DRUM	**AY1001**	MIS0580	410	210	285	257	335	10x23	2CS2T								
Integral	2001		F		**TBA**	Part number to be advised															
			R		**TBA**	Part number to be advised															
			R		**TBA**	Part number to be advised															
Platinum	2000		F		**TBA**	Part number to be advised															

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R		**TBA**	Part number to be advised															
Platinum MAN Axle			F	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
BCI							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Classmaster 2 Axle	2015		F	DISC	**TBA DISC**	Part number to be advised								WP988	WP988S2			WA230			
			R	DISC	**BC1004**	YJ35XMP-02075-B	432	45	203	131	235	10xM16	4xM6 on 242PCD FOR ABS LOCATION	WP988	WP988S2			WA230			
			R	DISC	**BC1004ABS**	YJ35XMP-02075-B	432	45	203	131	235	10xM16	4xM6 on 242PCD FOR ABS LOCATION	WP988	WP988S2			WA230			
Classmaster 3 Axle			F	DISC	**TBA DISC**	Part number to be advised								WP988	WP988S2			WA230			
			R	DISC	**BC1004**	YJ35XMP-02075-B	432	45	203	131	235	10xM16	4xM6 on 242PCD FOR ABS LOCATION	WP988	WP988S2			WA230			
			R	DISC	**BC1004ABS**	YJ35XMP-02075-B	432	45	203	131	235	10xM16	4xM6 on 242PCD FOR ABS LOCATION	WP988	WP988S2			WA230			
			T	DISC	**TBA DISC**	Part number to be advised								WP988	WP988S2			WA230			
Cruiser 12	2011		F	DISC	**BC1001**	BCi3P075, BCi3PO75	430	45	200	131	235	8xM16		WP988	WP988S2			WA230			
			R	DISC	**BC1001**	BCi3P075, BCi3PO75	430	45	200	131	235	8xM16		WP988	WP988S2			WA230			
Falcon 45	2000		F	DISC	**KA1008**	DANA F4974/88, KASSBOHRER 8285543000, 82850005890, KNORR BD7205, KNORR II37415, II37145N, MERCEDES A0004200172, PREVOST 611188, 611455, 611456	430	45	194	136	220	10xM16		WP988	WP988S2			WA230			
			R	DISC	**PR1001**	KNORR II37986, 1137986, K021959, PREVOST 611457, 621672	430	45	194	179.7	250	10x5/8		WP988	WP988S2			WA230			
Beaulas PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Cygnas	2009	2017	F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
El Mundo	1995	1999	F	DRUM	**IV1035**	07161879, 603100320	410	206	285	255	335	10x23	2CS2T								
	2000		F	DISC	**IV1050**	93161407	417	28	159	67	186	10x18.5		WP801/8		WL061					
	1995	1999	R		**TBA**	Part number to be advised															
			R	DRUM	**IV1035**	07161879, 603100320	410	206	285	255	335	10x23	2CS2T								
	2000		R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/24/2	
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/25/2	
Midi Star		2007	F	DISC	**IV1006WS**	01907528, 01907725, 01908577, 07173036	304	30	165	128	205	6x18	2T	WP1126		WL001	WL001				
	2007		F	DISC	**IV1089**	2996010, 2996733, 500039939, 7187567	304	30	165	128.5	205	6x18	2T	WP1556		WL086					

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	2000	2007	R	DISC	**IV1007WS**	1907529, 1907725, 1908577, 7173036	304	30	165	128	205	6x18	2T	WP1126		WL001	WL001				
	2007		R	DISC	**IV1089**	2996010, 2996733, 500039939, 7187567	304	30	165	128.5	205	6x18	2T	WP1556		WL086					
Stelar			F	DISC	**MNE1075**	13C33-05572, 13C33-05572AA, 13C3305572AA, A0024204701 kit with pads WP1277, A638421011205, A6864200072 kit with pads WP1277	335	34	91.6	102.5	120	10x14.5		WP1277				WA238			
			R	DISC	**MNE1076**	A0024204801, A6864230112, A9704230312, A9704230412, A9704230612, A9704231012	335	34	145	111	177	8xM12		WP1277				WA238			
Sturgo E	1995	1999	F	DRUM	**IV1035**	07161879, 603100320	410	206	285	255	335	10x23	2CS2T								
	2000		F	DISC	**IV1050**	93161407	417	28	159	67	186	10x18.5		WP801/8		WL061					
	1995	1999	R	DRUM	**IV1035**	07161879, 603100320	410	206	285	255	335	10x23	2CS2T								
	2000		R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/24/2	
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/25/2	
Bedford							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
J Series J2/J3/J6	1959	1976	F	DRUM	**BE1014**	6332994, 6346104, 91005547, 91024573	330	104	131	109	162	6x10								BO/37/38/1	
			R	DRUM	**BE1004**	2687944, 6332227, 6346106, 6346109, 91123931	330	121	165	173	205	6x23								BO/39/40/1	
J5	1971		R	DRUM	**BE1008**	2683786	359	116	235	138	275	8x24									
KH Models		1987	F	DRUM	**BE1001**	8848301	394	170	282	207	335	10x24									
			R	DRUM	**BE1001**	8848301	394	170	282	207	335	10x24									
TJ610	1977		F	DRUM	**BE1014**	6332994, 6346104, 91005547, 91024573	330	104	131	109	162	6x10								BO/37/38/1	
			R	DRUM	**BE1004**	2687944, 6332227, 6346106, 6346109, 91123931	330	121	165	173	205	6x23								BO/39/40/1	
TJ700			F	DRUM	**BE1014**	6332994, 6346104, 91005547, 91024573	330	104	131	109	162	6x10								BO/37/38/1	
			R	DRUM	**BE1004**	2687944, 6332227, 6346106, 6346109, 91123931	330	121	165	173	205	6x23								BO/39/40/1	
TJ850			R	DRUM	**BE1008**	2683786	359	116	235	138	275	8x24									
TJ940			R	DRUM	**BE1008**	2683786	359	116	235	138	275	8x24									
TK EOL			F	DRUM	**BE1014**	6332994, 6346104, 91005547, 91024573	330	104	131	109	162	6x10								BO/37/38/1	
			R	DRUM	**BE1004**	2687944, 6332227, 6346106, 6346109, 91123931	330	121	165	173	205	6x23								BO/39/40/1	
TK EOM			F	DRUM	**BE1014**	6332994, 6346104, 91005547, 91024573	330	104	131	109	162	6x10								BO/37/38/1	
			R	DRUM	**BE1004**	2687944, 6332227, 6346106, 6346109, 91123931	330	121	165	173	205	6x23								BO/39/40/1	
TK KC 10/SOL			F	DRUM	**BE1014**	6332994, 6346104, 91005547, 91024573	330	104	131	109	162	6x10								BO/37/38/1	
			R	DRUM	**BE1004**	2687944, 6332227, 6346106, 6346109, 91123931	330	121	165	173	205	6x23								BO/39/40/1	
TK KC 2/SOL			F	DRUM	**BE1014**	6332994, 6346104, 91005547, 91024573	330	104	131	109	162	6x10								BO/37/38/1	
			R	DRUM	**BE1004**	2687944, 6332227, 6346106, 6346109, 91123931	330	121	165	173	205	6x23								BO/39/40/1	
TK KD/SM			F	DRUM	**BE1014**	6332994, 6346104, 91005547, 91024573	330	104	131	109	162	6x10								BO/37/38/1	

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Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**BE1004**	2687944, 6332227, 6346106, 6346109, 91123931	330	121	165	173	205	6x23								BO/39/40/1	
TK KE/EFNS	1973		F		**TBA**	Part number to be advised															
			R	DRUM	**BE1008**	2683786	359	116	235	138	275	8x24									
TK KE/EON			F		**TBA**	Part number to be advised															
			R	DRUM	**BE1008**	2683786	359	116	235	138	275	8x24									
TK KM Models	1966		F	DRUM	**BE1002**	8848307, 91006718	394	192	282	229	335	10x23	2CS2T							GG/92/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
TK1000	1973		F		**TBA**	Part number to be advised															
			R	DRUM	**BE1008**	2683786	359	116	235	138	275	8x24									
TK1260			F		**TBA**	Part number to be advised															
TK1260KG			R	DRUM	**BE1008**	2683786	359	116	235	138	275	8x24									
TK1470	1971		F	DRUM	**BE1001**	8848301	394	170	282	207	335	10x24									
			R	DRUM	**BE1001**	8848301	394	170	282	207	335	10x24									
TK1630	1966		F	DRUM	**BE1002**	8848307, 91006718	394	192	282	229	335	10x23	2CS2T							GG/92/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
TK1930	1973		F		**TBA**	Part number to be advised															
			R	DRUM	**BE1008**	2683786	359	116	235	138	275	8x24									
TK570	1977		F	DRUM	**BE1014**	6332994, 6346104, 91005547, 91024573	330	104	131	109	162	6x10								BO/37/38/1	
			R	DRUM	**BE1004**	2687944, 6332227, 6346106, 6346109, 91123931	330	121	165	173	205	6x23								BO/39/40/1	
TK860			F	DRUM	**BE1014**	6332994, 6346104, 91005547, 91024573	330	104	131	109	162	6x10								BO/37/38/1	
			R	DRUM	**BE1004**	2687944, 6332227, 6346106, 6346109, 91123931	330	121	165	173	205	6x23								BO/39/40/1	
TL1000(DON)	1980		F		**TBA**	Part number to be advised															
			R	DRUM	**BE1008**	2683786	359	116	235	138	275	8x24									
TL1260 (DOR)			F		**TBA**	Part number to be advised															
			R	DRUM	**BE1008**	2683786	359	116	235	138	275	8x24									
TL1630 (DOV)			F	DRUM	**BE1002**	8848307, 91006718	394	192	282	229	335	10x23	2CS2T							GG/92/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**BE1015**	91105864	394	219	281	278	335	10x24	4T							GG/142/1	
			R	DRUM	**BE1017**	91103088	394	214	282.575	265	335	10x26.5								GG/142/1	
TL1630 (GMY8)	1978		F	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
TL1930 Low Loader	1980		F		**TBA**	Part number to be advised															
			R	DRUM	**BE1008**	2683786	359	116	235	138	275	8x24									
TL750 (DOL)	1977		F	DRUM	**BE1014**	6332994, 6346104, 91005547, 91024573	330	104	131	109	162	6x10								BO/37/38/1	
			F		**TBA**	Part number to be advised															
			R	DRUM	**BE1004**	2687944, 6332227, 6346106, 6346109, 91123931	330	121	165	173	205	6x23								BO/39/40/1	
TL860 (DOM)			F	DRUM	**BE1014**	6332994, 6346104, 91005547, 91024573	330	104	131	109	162	6x10								BO/37/38/1	
			F		**TBA**	Part number to be advised															
			R	DRUM	**BE1004**	2687944, 6332227, 6346106, 6346109, 91123931	330	121	165	173	205	6x23								BO/39/40/1	
TL860 6 Wheel Rig	1980	1987	F	DRUM	**BE1014**	6332994, 6346104, 91005547, 91024573	330	104	131	109	162	6x10								BO/37/38/1	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F		**TBA**	Part number to be advised															
			R	DRUM	**BE1004**	2687944, 6332227, 6346106, 6346109, 91123931	330	121	165	173	205	6x23								BO/39/40/1	
TM1500 (4x2) Rigid	1974	1981	F	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
TM1700 (4x2) Rigid			F	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
TM1900 (4x2)			F	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
TM2250 KW (6x4)		1987	F	DRUM	**BE1002**	8848307, 91006718	394	192	282	229	335	10x23	2CS2T							GG/92/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
TM2500		1981	F	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
TM2600 HM		1987	F	DRUM	**BE1002**	8848307, 91006718	394	192	282	229	335	10x23	2CS2T							GG/92/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
TM2600 KXXX (6x4)		1981	F	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
TM3000 KWX (6x4)			F	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
TM3250 (4x2 Tractor)			F	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
TM3250 EWV8			F	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
TM3800			F	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
TM3800 EVX	1984		F	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**BE1016**	91093598	394	209	281	264	335	10x24	4T							GG/189/1	
TM4000 KXX (6x4)	1974	1981	F	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
TM4200			F	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
TM4400			F	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
Bedford PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
BMP	1976	1987	F	DRUM	**BE1009**	9965321, 9965337	394	164	145	183	175	8x13	4T							GG/83/1	
			R	DRUM	**BE1011**	8848295	394	165	235	191	275	8x24								GG/83/1	
PGK	1977		F	DRUM	**BE1014**	6332994, 6346104, 91005547, 91024573	330	104	131	109	162	6x10								BO/37/38/1	
			R	DRUM	**BE1004**	2687944, 6332227, 6346106, 6346109, 91123931	330	121	165	173	205	6x23								BO/39/40/1	
YLQ	1976		F	DRUM	**BE1009**	9965321, 9965337	394	164	145	183	175	8x13	4T							GG/83/1	
			R	DRUM	**BE1011**	8848295	394	165	235	191	275	8x24								GG/83/1	
YMQ			F	DRUM	**BE1009**	9965321, 9965337	394	164	145	183	175	8x13	4T							GG/83/1	
			R	DRUM	**BE1011**	8848295	394	165	235	191	275	8x24								GG/83/1	
YMT			F	DRUM	**BE1002**	8848307, 91006718	394	192	282	229	335	10x23	2CS2T							GG/92/1	
			R	DRUM	**BE1003**	8848309, 91006721, 91087558	394	216	282	264	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**BE1018**	91052238	394	219	282	267	335	10x24	5CB3T							GG/142/1	
			R	DRUM	**BE1019**	7210638	394	219	282.575	267	335	10x32	5CB3T							GG/142/1	
YMT 500	1975		F	DRUM	**BE1013**	91082124	394	188	282	235	335	10x23	2CS2T							GG/92/1	

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Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**BE1012**	91082122	394	224	282	267	335	10x23	2CS2T							GG/142/1	
YNT			F	DRUM	**BE1013**	91082124	394	188	282	235	335	10x23	2CS2T							GG/92/1	
			R	DRUM	**BE1012**	91082122	394	224	282	267	335	10x23	2CS2T							GG/142/1	
YNV Venture	1984		F	DRUM	**BE1012**	91082122	394	224	282	267	335	10x23	2CS2T							GG/189/1	
			R	DRUM	**BE1012**	91082122	394	224	282	267	335	10x23	2CS2T							GG/189/1	
YNV4 Laser			F	DRUM	**BE1012**	91082122	394	224	282	267	335	10x23	2CS2T							GG/189/1	
			R	DRUM	**BE1012**	91082122	394	224	282	267	335	10x23	2CS2T							GG/189/1	
YRQ	1976	1987	F	DRUM	**BE1009**	9965321, 9965337	394	164	145	183	175	8x13	4T							GG/83/1	
			R	DRUM	**BE1011**	8848295	394	165	235	191	275	8x24								GG/83/1	
Benalu Trailers							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Disc Brake - Jost Axles	2014		T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1578							
Berkhof PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Axial 30 9m Coach	1987		F	DRUM	**MD1009**	81.50110.0216, 81501100216	360	155	230	198	275	8x22	3T							GG/217/1 PSV	
			R	DRUM	**MD1010**	81.50110.0212, 81501100212	360	172	230	242	275	8x22	3T							GG/217/1 PSV	
Axial 50 12m Coach - Dennis Chassis		1991	F	DRUM	**DE1018**	653187	394	192	281	246	335	10x26	1CSCB4T							CS/68/2 PSV	
			F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/68/2 PSV	
	1991	1996	F	DISC	**DE1039**	653565	440	45	190	135	225	10xM16		WP769		WL003	WL003				
	1997		F	DISC	**DE1041**	655750	437	45	136	130	165	10x17		WP1047	WP1047S2			WA213			
	1987	1991	R	DRUM	**DE1009**	653188	394	214	282	265	335	10x26	5CB3T								
			R	DRUM	**DE1025**	650711/8	394	214	282.575	265	335	10x26.5									
Axial 50 12m Coach - Volvo Chassis	1982		F	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
	2005		F	DRUM	**VO1027**	1599010	410	205	282	274	335	10x28	2CS2T							VL/88/2	
	1982		R	DRUM	**VO1018**	1134818, 1590313/1	394	265	282	314	335	10x28	2T							VL/81/82/1	
	2005		R	DRUM	**VO1025**	1599012	410	229	282	307	335	10x28	2CS2T							VL/89/2	
Excellence 3000HD - Scania Chassis	1995		F	DRUM	**SC1021**	1361331, 1414153, 2109552, 2378715, 324878, 360571	413	210	295	274	335	10x23.5	2CB3T (As from 01/01/2019 the threaded holes to remove the drum from the hub are offset)					WA291		SV/41/2	WBSK0043
			F	DRUM	**SC1022**	1334075, 1414152	413	187	295	263	335	10x23.5	2CB3T					WA291		SV/40/2	WBSK0042
	1996		F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
	1995		R	DRUM	**SC1021**	1361331, 1414153, 2109552, 2378715, 324878, 360571	413	210	295	274	335	10x23.5	2CB3T (As from 01/01/2019 the threaded holes to remove the drum from the hub are offset)					WA291		SV/41/2	WBSK0043
Excellence 3000HD - Volvo Chassis	2005		F	DRUM	**VO1027**	1599010	410	205	282	274	335	10x28	2CS2T							VL/88/2	

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Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**VO1025**	1599012	410	229	282	307	335	10x28	2CS2T							VL/89/2	
			R	DRUM	**VO1031**	1599014	410	159	282	236	335	10x28	2T							VL/85/1	
Low Floor	1994	1996	F	DRUM	**DE1013**	652841/5, F4356/88	360	178	221	240	275	8x24	1CS2T							PB/22/1 PSV	
			R	DRUM	**DE1012**	652800-26, 652800/26, 65280026, 829510R	360	180	225	240	275	8x24	4CB4T							PB/22/1 PSV	
Radial 12m Coach - Dennis chassis	1987	1991	F	DRUM	**DE1018**	653187	394	192	281	246	335	10x26	1CSCB4T							CS/68/2 PSV	
			F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/68/2 PSV	
	1991	1996	F	DISC	**DE1039**	653565	440	45	190	135	225	10xM16		WP769		WL014					
	1997		F	DISC	**DE1041**	655750	437	45	136	130	165	10x17		WP1047	WP1047S2			WA213			
	1987	1991	R	DRUM	**DE1009**	653188	394	214	282	265	335	10x26	5CB3T								
			R	DRUM	**DE1025**	650711/8	394	214	282.575	265	335	10x26.5									
Radial 12m Coach - Volvo Chassis	1982		F	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
	2005		F	DRUM	**VO1027**	1599010	410	205	282	274	335	10x28	2CS2T							VL/88/2	
	1982		R	DRUM	**VO1018**	1134818, 1590313/1	394	265	282	314	335	10x28	2T							VL/81/82/1	
	2005		R	DRUM	**VO1025**	1599012	410	229	282	307	335	10x28	2CS2T							VL/89/2	
Bluebird							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Q Bus MK I	1994		F	DRUM	**BL1001**	0043886, 43886	419	165	229	248	285	10x32									
			R	DRUM	**BL1002**	0043887, 43887	419	226	223	292	285	10x23.5									
Q Bus MK II			F		**TBA**	Part number to be advised															
			R		**TBA**	Part number to be advised															
Q Bus MK III			F		**TBA**	Part number to be advised															
			R		**TBA**	Part number to be advised															
Q Bus MK IV			F	DRUM	**BL1003**	1583384	419	165	229	248	285	10x32									
			R	DRUM	**BL1004**	1594449	419	226	223	286	285	10x23.5									
Q Bus MK V			F	DRUM	**BL1006**	65179	419	168	223	249	285	10 x 23.5									
			R	DRUM	**BL1005**		419	227	223	291	285	10x24									
Vision	2003	2012	F	DISC	**NAV1005**	123557, 353883, 42045409, 88936204, RC4414557	390.5	39	152.5	86.5	184.11	10 x 15.3		WP1032							
			R	DISC	**NAV1008**	- 21,000lb axle, 392268, 5623, 88936210	391	39	231.6	193.2	285.75	10x25.4		WP1032							
BMC							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
518	1997		F	DISC	**BMC1009**	57RS300820	330	34	157	124	180	12xM12		WP1279		WL025		WA235			
			R		**TBA**	Part number to be advised															
625			F	DRUM	**BMC1005**	5K87972	410	201	285	272	335	10x28	2CB3T							VL/88/2	
			F	DRUM	**BMC1006**	5K88968	410	201	285	259	335	10x28	2CB3T							VL/87/2	
			R	DRUM	**BMC1005**	5K87972	410	201	285	272	335	10x28	2CB3T							VL/88/2	
			R	DRUM	**BMC1006**	5K88968	410	201	285	259	335	10x28	2CB3T							VL/87/2	
628			F	DRUM	**BMC1005**	5K87972	410	201	285	272	335	10x28	2CB3T							VL/87/2	
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			R	DRUM	**BMC1005**	5K87972	410	201	285	272	335	10x28	2CB3T							VL/87/2	
BMC PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
1100 FE	2003		F	DISC	**BMC1009**	57RS300820	330	34	157	124	180	12xM12		WP1279		WL025		WA235			
			R	DISC	**BMC1009**	57RS300820	330	34	157	124	180	12xM12		WP1279		WL025		WA235			
220 SLF	1997		F	DRUM	**DE1013**	652841/5, F4356/88	360	178	221	240	275	8x24	1CS2T							PB/22/1 PSV	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**DE1012**	652800-26, 652800/26, 65280026, 829510R	360	180	225	240	275	8x24	4CB4T							PB/22/1 PSV	
Condor			F	DRUM	**DE1038**	651860-24, 651860/24, 65186024	394	201	281	245	335	10x26	1CS1CB4T							CS/63/1 PSV	
	2004		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
	1997		R	DRUM	**DE1023**	651436/1	394	213	281	273	335	10x26	1CB2T							CS/64/1 PSV	
	2004		R	DRUM	**BMC1005**	5K87972	410	201	285	272	335	10x28	2CB3T							VL/88/2	
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
	1997		T	DRUM	**DE1037**	652042/1	394	194	283	235	335	10x23.6								YK/6/7/3	
Falcon	2003		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			R	DRUM	**BMC1001**	5K60512	410	231	285	284	335	10x28								VL/89/2	
Hawk	1997	2007	F	DISC	**BMC1009**	57RS300820	330	34	157	124	180	12xM12		WP1279		WL025		WA235			
			R	DISC	**BMC1009**	57RS300820	330	34	157	124	180	12xM12		WP1279		WL025		WA235			
Karisma	2006		F	DISC	**BMC1010**	B-57RS305716, B57RS305716, L345173	377	45	169	128.5	196	8xM14		WP1329				WA231			
			R	DISC	**BMC1010**	B-57RS305716, B57RS305716, L345173	377	45	169	128.5	196	8xM14		WP1329				WA231			
Probus 750	1997		F	DISC	**BMC1009**	57RS300820	330	34	157	124	180	12xM12		WP1279		WL025		WA235			
			R	DISC	**BMC1009**	57RS300820	330	34	157	124	180	12xM12		WP1279		WL025		WA235			
Probus 850	2003		F	DISC	**BMC1010**	B-57RS305716, B57RS305716, L345173	377	45	169	128.5	196	8xM14		WP1329				WA231			
			R	DISC	**BMC1010**	B-57RS305716, B57RS305716, L345173	377	45	169	128.5	196	8xM14		WP1329				WA231			
Bova PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Axial DD 138-430XE	1997		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
Futura FHD	1983	1985	F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
			F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
	1986	1994	F	DISC	**DA1019**	0299095, 1238372	457	48	170	119	195	10xM16		WP594				WA201			
			F	DRUM	**DA1029**	762000	420	219	285	267	335	10x23.5	2CB2T							DF/32/33/1	
	1994	1996	F	DISC	**BO1001**	204556, B204556, KNORR BD7206, KNORR II37257	429	45	220	131	245	20xM12		WP988	WP988S2	WL018		WA230	WA231		
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
	1995		F	DISC	**BO1001**	204556, B204556, KNORR BD7206, KNORR II37257	429	45	220	131	245	20xM12		WP988	WP988S2	WL018		WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
	1996		F	DISC	**BO1001**	204556, B204556, KNORR BD7206, KNORR II37257	429	45	220	131	245	20xM12		WP988	WP988S2	WL018		WA230	WA231		
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
	1983	1985	R	DRUM	**DA1012**	0364944, 051427, 0514276, 0638165, 4511595, 595232	419	192	285	249	335	10x24.7	4CB2T							DF/16/17/2	
			R	DRUM	**DA1012**	0364944, 051427, 0514276, 0638165, 4511595, 595232	419	192	285	249	335	10x24.7	4CB2T							DF/16/17/2	
	1986	1994	R	DRUM	**DA1036**	0368829, 368829	419	215	285	292	335	10x24	2CB2T							DF/30/31/1 PSV	
	1994	1996	R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
			R	DRUM	**DA1036**	0368829, 368829	419	215	285	292	335	10x24	2CB2T							DF/32/33/1	
	1995		R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
			R	DRUM	**DA1036**	0368829, 368829	419	215	285	292	335	10x24	2CB2T							DF/32/33/1	
			R	DRUM	**DA1035**	B510615	410	233	282	275	335	10x23	2CB2T								
	1996		R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T							PB/18/19/1	
Futura FHD 12.370A	1995		F	DISC	**VH1002**	080162100, 351032, 52E908-472, 80612100, E908472	410	48	162	120	185	12xM16		WP1329		WL093		WA231			
			R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
			R	DRUM	**DA1036**	0368829, 368829	419	215	285	292	335	10x24	2CB2T							DF/32/33/1	
Futura FLD	1983	1985	F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
			R	DRUM	**DA1012**	0364944, 051427, 0514276, 0638165, 4511595, 595232	419	192	285	249	335	10x24.7	4CB2T							DF/16/17/2	
Futura FVD			F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
	1986		F	DISC	**DA1019**	0299095, 1238372	457	48	170	119	195	10xM16		WP594				WA201			
			F	DRUM	**DA1029**	762000	420	219	285	267	335	10x23.5	2CB2T							DF/32/33/1	
	1983	1985	R	DRUM	**DA1012**	0364944, 051427, 0514276, 0638165, 4511595, 595232	419	192	285	249	335	10x24.7	4CB2T							DF/16/17/2	
	1986		R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
			R	DRUM	**DA1036**	0368829, 368829	419	215	285	292	335	10x24	2CB2T							DF/32/33/1	
Lexio LD123, LD130	2004		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Magiq HD 120-430XE	1994		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
Synergie DD130, DD138	2004		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
BPW							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
300 x 100	2005		T	DRUM	**BP1065**	0310943100	300	100	165	165	210	6x21								15898	
300 x 150	1980		T	DRUM	**BP1055**	0310536090, 1064019800	300	170	190	200	225	10x23								BC/79/1	
	1999		t	DRUM	**BP1054**	0310536110, 0310536120	300	164	190	209	225	10x23								BC/79/1	
			T	DRUM	**BP1068**	0310534020	300	170	165	200	205	6x21								BC/79/1	
300 x 150 ECOMAX			T	DRUM	**BP1066**	0310944020, MAY REPLACE 0310944070	300	167	190	210	225	10x23								BC/79/1	
300 x 200	1980		T	DRUM	**BP1006**	0310546200, 0310946400	300	212	190	295	225	10x23								BC/80/1	
			T	DRUM	**BP1009**	0310546290, 0310946490, 09380005, 9380005	300	209	190	261	225	10x23								BC/80/1	
			T	DRUM	**BP1014**	0310546270	300	213	185	315	225	10x23	2CS2T							BC/80/1	
			T	DRUM	**BP1015**															BC/80/1	
			T	DRUM	**BP1016**	0310546010, 0310546080	300	220	190	295	225	10x21								BC/80/1	
			T	DRUM	**BP1018**	0310546130	300	216	190	245	225	10x23								BC/80/1	
			T	DRUM	**BP1034**	0310546030, 0310546070	300	216	190	245	225	10x21								BC/80/1	
			T	DRUM	**BP1035**	0310546110	300	213	185	315	225	10x23	2CS2T							BC/80/1	
300 x 200 ECO	1995		T	DRUM	**BP1006**	0310546200, 0310946400	300	212	190	295	225	10x23						WA278		BC/80/1	WBSK0035/4
			T	DRUM	**BP1009**	0310546290, 0310946490, 09380005, 9380005	300	209	190	261	225	10x23						WA278		BC/80/1	WBSK0035/4
300 x 200 ECOMAX	2001		T	DRUM	**BP1037**	03.109.46.06.0, 03.109.46.07.0, 03.109.46.07.0, 0310946060, 0310946070, 0310946090	300	216	190	261	225	10x23						WA278		BC/80/1	WBSK0035/4
360 x 160	1980		T	DRUM	**BP1012**	0310590050, 0310990250	360	189	230	221	275	8x23								BC/104/105/1	WBSK0056
360 x 200			T	DRUM	**BP1011**	0310590040, 0310990240	360	208	190	264	225	10x23								BC/100/101/1	WBSK0036
			T	DRUM	**BP1013**	BPW 0310590020, BPW 0310990220, GIGANT 09380018	360	205	230	264	275	8x23								BC/100/101/1	WBSK0036
	2000		T	DRUM	**BP1070**	0310990050	360	214	185	279.5	225	10x23								BC/100/101/1	WBSK0036
360 x 200 ECO	1995		T	DRUM	**BP1011**	0310590040, 0310990240	360	208	190	264	225	10x23								BC/100/101/1	WBSK0036
			T	DRUM	**BP1013**	BPW 0310590020, BPW 0310990220, GIGANT 09380018	360	205	230	264	275	8x23								BC/100/101/1	WBSK0036
360 x 200 ECOMAX	2001		T	DRUM	**BP1046**	0310990030, 09.109.90.03.0	360	209	230	260	275	8x23								BC/100/101/1	WBSK0036
	2012		T	DRUM	**BP1061**	0310990040, 0310990060	360	217	190	260	225	10x23								BC/100/101/1	WBSK0036
			T	DRUM	**BP1071**	03.109.90.02.0, 0310990020	360	200	290	263	335	10x23								BC/100/101/1	WBSK0036
420 x 120	1980		T	DRUM	**BP1023**	0310697170	420	136	290	199	335	10x23									

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
420 x 180			T	DRUM	**BP1001**	0310667120, 0310667360, 0310667400, 0310667430, 3471510086	420	188	290	247	335	10x23								BC/98/1	
			T	DRUM	**BP1002**	0310667540, 0310967030, 0310967740	420	191	290	249	335	10x23								BC/98/1	
			T	DRUM	**BP1007**	0310667620, 0310967130, 0310967620, 0310967820, 125779414, 910967130	420	191	290	230	335	10x23								BC/98/1	
			T	DRUM	**BP1025**	03.109.671.9.0, 0310691070, 0310967190, 0310967930, 06.109.67.79.9, 06.109.67.93.9	420	190	290	226	335	10x23								BC/98/1	
420 x 180 ECO			T	DRUM	**BP1007**	0310667620, 0310967130, 0310967620, 0310967820, 125779414, 910967130	420	191	290	230	335	10x23								BC/98/1	
	2000		T	DRUM	**BP1045**	0310667540, 0310667700, 0310967030, 0310967740	420	190	290	253	335	10x23								BC/98/1	WBSK0004
	2008		T	DRUM	**BP1049**	0300566950, 0310667710, 0310967340, 0310967760, 0310967840, 0310967920	420	200	290	240	335	10x23	2CS2T							BC/98/1	WBSK0004
420 x 180 ECOMAX	2000		T	DRUM	**BP1047**	03.109.67.21.0, 03.109.67.31.0, 0310967210, 0310967310	420	191	290	250	335	10x23								BC/98/1	WBSK0004
	2001		T	DRUM	**BP1025**	03.109.671.9.0, 0310691070, 0310967190, 0310967930, 06.109.67.79.9, 06.109.67.93.9	420	190	290	226	335	10x23								BC/98/1	WBSK0004
420 x 200	1980		T	DRUM	**BP1003**	0310677040, 0310677190, 0310677210, 0310677410	420	215	290	277	335	10x23								BC/97/1	WBSK0002
			T	DRUM	**BP1020**	0310677560	420	214	290	248	335	6x21								BC/97/1	WBSK0002
			T	DRUM	**BP1028**	0310667010, 1064006509	420	220	290	328	335	10x23								BC/97/1	WBSK0002
			T	DRUM	**BP1032**	012266, 018083, 0310677570, 0310977160, 0310977770, 0910977160	420	213	290	259	335	10x23								BC/97/1	WBSK0002
			T	DRUM	**BP1036**	0310677110, 0310677360	420	220	290	307	335	10x23								BC/97/1	WBSK0002
			T	DRUM	**BP1064**	0310677530	420	215	290	284	335	10x23								BC/97/1	WBSK0002
			T	DRUM	**BP1004**	0310677520, 125779408, 66140	420	215	290	284	335	10x23								BC/97/1	WBSK0002
	2000		T	DRUM	**BP1033**	03.109.77.56.0, 0310977170, 0310977330, 0310977420, 06.109.77.42.9, 06.109.77.56.9	420	212	290	260	335	10x23								BC/97/1	WBSK0002
			T	DRUM	**BP1042**	0310677630	420	214	290	297	335	10x23								BC/97/1	WBSK0002
	2015		T	DRUM	**BP1067**	0310977340, 0310977460	420	214	290	297.5	335	10x23								BC/97/1	WBSK0002
420 x 200 ECO	2001		T	DRUM	**BP1032**	012266, 018083, 0310677570, 0310977160, 0310977770, 0910977160	420	213	290	259	335	10x23								BC/97/1	WBSK0002
			T	DRUM	**BP1019**	03.106.77.52.0, 03.109.77.12.0, 03.109.77.30.0, 03.109.77.44.0, 03.109.77.72.0, 0310677520	420	225	290	287	335	10x23								BC/97/1	WBSK0002
420 x 200 ECOMAX			T	DRUM	**BP1033**	03.109.77.56.0, 0310977170, 0310977330, 0310977420, 06.109.77.42.9, 06.109.77.56.9	420	212	290	260	335	10x23								BC/97/1	WBSK0002
			T	DRUM	**BP1048**	03.109.77.18.0, 03.109.77.23.0, 03.109.77.43.0, 0310977180, 0310977230, 0310977570	420	214	290	284	335	10x23								BC/97/1	WBSK0002
			T	DRUM	**BP1060**	0310977210	420	213	290	294	335	10x23								BC/97/1	WBSK0002
420 x 220	2000		T	DRUM	**BP1043**	0310687090	420	230	290	300	335	10x23									
			T	DRUM	**BP1044**	0310687120	420	225	290	294	335	10x23									

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
420 x 220 ECOMAX	1998		T	DRUM	**BP1033**	03.109.77.56.0, 0310977170, 0310977330, 0310977420, 06.109.77.42.9, 06.109.77.56.9	420	212	290	260	335	10x23										
Brake Discs - Australian Axles	2005		T	DISC	**BP1051**	0308835060, 0308835140	430	45	222	159.5	285.75	10x23										
Brake Discs - SB6000 ECO PLUS	1998		T	DISC	**BP1021**	300224093, 308834040, 308834047	377	45	290	160	335	10x23	5T	WP1329		WL093		WA231	WA238		
Brake Discs - SB7000 ECO PLUS			T	DISC	**BP1017**	03.088.35.01.0, 03.088.35.01.7, 0308835010, 0308835017, 9267023	430	45	290	160	335	10x23		WP988	WP988S2	WL072	WL072	WA230	WA231		
			T	DISC	**BP1022**	0308835030, 0308835037, 308835030, 308835037	430	45	290	160	335	10x23		WP988	WP988S2	WL072	WL072	WA230	WA231		
Brake Discs - SH Series (SB4309)	2003		T	DISC	**BP1040**	9267021, BPW 03.088.34.0.50, BPW 03.088.34.05.7, BPW 03.088.35.03.0, BPW 03.088.35.05.0, BPW 03.088.35.05.7	430	45	n/a	160	335	10x23		WP132		WL072	WL072	WA231	WA238		
Brake Discs - SH Series (SB4345)	1996	2003	T	DISC	**BP1017**	03.088.35.01.0, 03.088.35.01.7, 0308835010, 0308835017, 9267023	430	45	290	160	335	10x23		WP988	WP988S2	WL076	WL076	WA230	WA231		
			T	DISC	**BP1022**	0308835030, 0308835037, 308835030, 308835037	430	45	290	160	335	10x23		WP988	WP988S2	WL076	WL076	WA230	WA231		
	2003		T	DISC	**BP1017**	03.088.35.01.0, 03.088.35.01.7, 0308835010, 0308835017, 9267023	430	45	290	160	335	10x23		WP133		WL076	WL076	WA230	WA231		
			T	DISC	**BP1022**	0308835030, 0308835037, 308835030, 308835037	430	45	290	160	335	10x23		WP133		WL076	WL076	WA230	WA231		
Brake Discs - SH Series (SB4345) ECO Plus	1996	2003	T	DISC	**BP1022**	0308835030, 0308835037, 308835030, 308835037	430	45	290	160	335	10x23		WP988	WP988S2	WL076	WL076	WA230	WA231		
	2003		T	DISC	**BP1040**	9267021, BPW 03.088.34.0.50, BPW 03.088.34.05.7, BPW 03.088.35.03.0, BPW 03.088.35.05.0, BPW 03.088.35.05.7	430	45	n/a	160	335	10x23		WP133		WL076	WL076	WA230	WA231		
Brake Discs - SH Series (TSB4309)	2010		T	DISC	**BP1040**	9267021, BPW 03.088.34.0.50, BPW 03.088.34.05.7, BPW 03.088.35.03.0, BPW 03.088.35.05.0, BPW 03.088.35.05.7	430	45	n/a	160	335	10x23		WP1564		WL083		WA267			
Brake Discs - SH Series (TSB4312)			T	DISC	**BP1022**	0308835030, 0308835037, 308835030, 308835037	430	45	290	160	335	10x23		WP1565		WL083					
Brake Discs - SKH Series (SB3745) - Non ABS	2003		T	DISC	**BP1029**	03.088.34.07.0, 03.088.34.07.1, 03.088.34.07.7, 0308834070, 0308834071, 0308834077	377	45	222	165	286	10x23		WP1329		WL072	WL072	WA231	WA238		
			T	DISC	**BP1021**	300224093, 308834040, 308834047	377	45	290	160	335	10x23	5T	WP1329		WL072	WL072	WA231	WA238		
			T	DISC	**BP1027**	0308834010	377	45	230	160	275	8x23	5T	WP1329		WL072	WL072	WA231	WA238		
			T	DISC	**BP1026S**	- WINNARD SOLID VERSION, 125669203, 42550442, BPW 03.088.34.01.0, BPW 03.088.34.01.7, BPW 03.088.34.03.0	377	45	230	160	275	8x23	5T for ABS location	WP1329		WL072	WL072	WA231	WA238		
Brake Discs - SKH Series (SB3745) - With ABS location			T	DISC	**BP1024**	BPW 03.002.24.09.3, BPW 03.088.34.02.0, BPW 03.088.34.04.0, BPW 03.088.34.04.7, BPW 03.088.34.06.0, BPW 03.088.34.06.7	377	45	290	160	335	10x23	5T	WP1329		WL072	WL072	WA231	WA238		
			T	DISC	**BP1026**	- SOLID VERSION AVAILABLE BP1026S, 42550442, BPW 03.088.34.01.0, BPW 03.088.34.01.7, BPW 03.088.34.03.0, BPW 03.088.34.03.7	377	45	230	160	275	8x23	5T	WP1329		WL072	WL072	WA231	WA238		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			T	DISC	**BP1026S**	- WINNARD SOLID VERSION, 125669203, 42550442, BPW 03.088.34.01.0, BPW 03.088.34.01.7, BPW 03.088.34.03.0	377	45	230	160	275	8x23	5T for ABS location	WP1329		WL072	WL072	WA231	WA238		
Brake Discs - SKH Series (SB3745) ECO Max	1998	2000	T	DISC	**BP1024**	BPW 03.002.24.09.3, BPW 03.088.34.02.0, BPW 03.088.34.04.0, BPW 03.088.34.04.7, BPW 03.088.34.06.0, BPW 03.088.34.06.7	377	45	290	160	335	10x23	5T	WP1329		WL080		WA231	WA238		
			T	DISC	**BP1021**	300224093, 308834040, 308834047	377	45	290	160	335	10x23	5T	WP1329		WL072	WL072	WA231	WA238		
Brake Discs - SKH Series (SB3745) ECO Plus - Non ABS	2000	2003	T	DISC	**BP1030**	BPW 0308834080, BPW 0308834087, BPW 0908834087, KOGEL 6501461, SCHMITZ 017163	377	45	290	169.5	335	10x23		WP1329		WL072	WL072	WA231	WA238		
			T	DISC	**BP1021**	300224093, 308834040, 308834047	377	45	290	160	335	10x23	5T	WP1329		WL072	WL072	WA231	WA238		
	2003	2007	T	DISC	**BP1038**		377	45	n/a	160	335	10x22.5	5T FOR ABS LOCATION	WP1329		WL072	WL072	WA231	WA238		
Brake Discs - SKH Series (SB3745) ECO Plus - With ABS Location	2000	2003	T	DISC	**BP1024**	BPW 03.002.24.09.3, BPW 03.088.34.02.0, BPW 03.088.34.04.0, BPW 03.088.34.04.7, BPW 03.088.34.06.0, BPW 03.088.34.06.7	377	45	290	160	335	10x23	5T	WP1329		WL072	WL072	WA231	WA238		
			T	DISC	**BP1026**	- SOLID VERSION AVAILABLE BP1026S, 42550442, BPW 03.088.34.01.0, BPW 03.088.34.01.7, BPW 03.088.34.03.0, BPW 03.088.34.03.7	377	45	230	160	275	8x23	5T	WP1329		WL072	WL072	WA231	WA238		
			T	DISC	**BP1026S**	- WINNARD SOLID VERSION, 125669203, 42550442, BPW 03.088.34.01.0, BPW 03.088.34.01.7, BPW 03.088.34.03.0	377	45	230	160	275	8x23	5T for ABS location	WP1329		WL072	WL072	WA231	WA238		
	2003		T	DISC	**BP1039**	BPW 03.088.34.10.0, BPW 03.088.34.10.7, BPW 03.088.34.13.0, BPW 03.088.34.13.7, BPW 03.088.34.17.0, BPW 03.088.34.17.7	377	45	n/a	160	335	10x22.5	5T FOR ABS LOCATION	WP131		WL072	WL072	WA231	WA238		
Brake Discs - SKH Series (SB3745) ECO Plus 2 - Non ABS			T	DISC	**BP1038**		377	45	n/a	160	335	10x22.5	5T FOR ABS LOCATION	WP131		WL072	WL072	WA231	WA238		
Brake Discs - SKH Series (SB3745) ECO Plus 2 - With ABS Location			T	DISC	**BP1039**	BPW 03.088.34.10.0, BPW 03.088.34.10.7, BPW 03.088.34.13.0, BPW 03.088.34.13.7, BPW 03.088.34.17.0, BPW 03.088.34.17.7	377	45	n/a	160	335	10x22.5	5T FOR ABS LOCATION	WP131		WL072	WL072	WA231	WA238		
Brake Discs - SKH Series (TSB3709)	2010		T	DISC	**BP1039**	BPW 03.088.34.10.0, BPW 03.088.34.10.7, BPW 03.088.34.13.0, BPW 03.088.34.13.7, BPW 03.088.34.17.0, BPW 03.088.34.17.7	377	45	n/a	160	335	10x22.5	5T FOR ABS LOCATION	WP1563		WL083		WA266			
			T	DISC	**BP1056**	0308834160	374	45	230	160	275	8x23	5T FOR ABS LOCATION	WP1563		WL083		WA266			
			T	DISC	**BP1059**	03.088.34.14.0, 03.088.34.14.7, 03.088.34.148, 0308834140, 0308834147, 0308834148	374	45	-	159.5	335	10x22.5		WP1563		WL083		WA266			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Brake Discs - SKM Series (TSB3709)			T	DISC	**BP1039**	BPW 03.088.34.10.0, BPW 03.088.34.10.7, BPW 03.088.34.13.0, BPW 03.088.34.13.7, BPW 03.088.34.17.0, BPW 03.088.34.17.7	377	45	n/a	160	335	10x22.5	5T FOR ABS LOCATION	WP1563		WL083		WA266			
			T	DISC	**BP1056**	0308834160	374	45	230	160	275	8x23	5T FOR ABS LOCATION	WP1563		WL083		WA266			
			T	DISC	**BP1059**	03.088.34.14.0, 03.088.34.14.7, 03.088.34.148, 0308834140, 0308834147, 0308834148	374	45	-	159.5	335	10x22.5		WP1563		WL083		WA266			
Brake Discs - SM Series (TSB4309)			T	DISC	**BP1022**	0308835030, 0308835037, 308835030, 308835037	430	45	290	160	335	10x23		WP1564		WL083					
Brake Discs - SM Series (TSB4312)			T	DISC	**BP1022**	0308835030, 0308835037, 308835030, 308835037	430	45	290	160	335	10x23		WP1565		WL083					
Brake Discs - SNRS 5506 - SNRZ 5506 - SB3308	2006		T	DISC	**BP1069**	0308833137	335	34	165	134	205	6x21		WP1277				WA238			
SNRS 5506 - SNRZ 5506 - SB3307			T	DISC	**BP1089**	03.088.33.15.0, 0308833150	330	34	TBC	134	205	6x21		WP1279				WA235			
BredaMenarini							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Bus - Drum Brake	2000		F	DISC	**BRE1002**	25015301, D008161, II39086	354	40	142	83.5	165	16x12.5									
			R	DRUM	**BRE1001**	254672, 3.25839.3	400	135	285	187	335	10x23	2CB 2T								
M240 Avancity Plus	2008	2013	F	DISC	**BRE1003**	16M0005464AA, D305507.00, VOITH H68.210703	432	45	21.5	131	168	12x19									
M240 Euro 4	2010		F	DISC	**BRE1004**	D090390.00	430	45	15.5	131	168	16x19									
Bristol PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
LH	1968		F	DRUM	**BR1006**	AAW4885	394	138	229	176	275	8x31	2CB2T							GG/118/1	
			R	DRUM	**BR1005**	1LHM	394	162	220	211	275	8x32	4CS4T							GG/83/1	
LHL			F	DRUM	**BR1006**	AAW4885	394	138	229	176	275	8x31	2CB2T							GG/118/1	
			R	DRUM	**BR1005**	1LHM	394	162	220	211	275	8x32	4CS4T							GG/83/1	
LHS			F	DRUM	**BR1006**	AAW4885	394	138	229	176	275	8x31	2CB2T							GG/118/1	
			R	DRUM	**BR1005**	1LHM	394	162	220	211	275	8x32	4CS4T							GG/83/1	
MW			F	DRUM	**BR1001**	29MWE	419	102	280	154	335	10x23	2CS								
			R	DRUM	**BR1011**	20MWM	419	191	280	244	335	10x32	2CS2T								
RE	1970		F	DRUM	**BR1001**	29MWE	419	102	280	154	335	10x23	2CS								
			R	DRUM	**BR1003**	21REM, 6REM	419	230	280	274	335	10x24	2CS2T								
VR			F	DRUM	**BR1002**	13VRE	394	159	280	195	335	10x24	2CS3T								
			R	DRUM	**BR1004**	5VRM	394	216	280	264	335	10x24	2CS3T								
BYD							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
12m eBus	2010		F	DISC	**TBA DISC**	Part number to be advised															
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16									
13m eBus			F	DISC	**TBA DISC**	Part number to be advised															
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16									
15m eBus			F	DISC	**TBA DISC**	Part number to be advised															

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16										
			T	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16										
18.75m eBus			F	DISC	**TBA DISC**	Part number to be advised															
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16										
			T	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16										
Caetano PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Algarve 1	1987		F	DRUM	**MD1009**	81.50110.0216, 81501100216	360	155	230	198	275	8x22	3T							GG/217/1 PSV	
			R	DRUM	**MD1010**	81.50110.0212, 81501100212	360	172	230	242	275	8x22	3T							GG/217/1 PSV	
Algarve 2	1992	1997	F	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
			R	DRUM	**VO1018**	1134818, 1590313/1	394	265	282	314	335	10x28	2T							VL/81/82/1	
Cutlass	1987	1991	F	DRUM	**DE1018**	653187	394	192	281	246	335	10x26	1CSCB4T							CS/68/2 PSV	
			F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/68/2 PSV	
	1991	1996	F	DISC	**DE1039**	653565	440	45	190	135	225	10xM16		WP769		WL014					
	1997		F	DISC	**DE1041**	655750	437	45	136	130	165	10x17		WP1047	WP1047S2	WL014		WA213			
	2001		F	DISC	**DE1050**	23913487362, 658470-39, 658470/39, 65847039, DANA F4866-88, 250-F486688, F486688, K013569	430	45	135	105	165	14x15	2T	WP988	WP988S2	WL063		WA230	WA231		
	1987	1991	R	DRUM	**DE1009**	653188	394	214	282	265	335	10x26	5CB3T								
			R	DRUM	**DE1025**	650711/8	394	214	282.575	265	335	10x26.5									
Enigma - MAN Chassis	2001		F	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2			WA208-1			
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2			WA208-1			
Enigma - Volvo Chassis	1983	1999	F	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
	2000	2005	F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
	1983	1999	R	DRUM	**VO1018**	1134818, 1590313/1	394	265	282	314	335	10x28	2T							VL/81/82/1	
	2000	2005	R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
Enigma 12m - Dennis Chassis	1987	1991	F	DRUM	**DE1018**	653187	394	192	281	246	335	10x26	1CSCB4T							CS/68/2 PSV	
			F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/68/2 PSV	
	1991	1996	F	DISC	**DE1039**	653565	440	45	190	135	225	10xM16		WP769		WL014					
	1997		F	DISC	**DE1041**	655750	437	45	136	130	165	10x17		WP1047	WP1047S2	WL014		WA213			
	2001		F	DISC	**DE1050**	23913487362, 658470-39, 658470/39, 65847039, DANA F4866-88, 250-F486688, F486688, K013569	430	45	135	105	165	14x15	2T	WP988	WP988S2	WL063		WA230	WA231		
	1987	1991	R	DRUM	**DE1009**	653188	394	214	282	265	335	10x26	5CB3T								
			R	DRUM	**DE1025**	650711/8	394	214	282.575	265	335	10x26.5									
Enigma 8.5m			F	DRUM	**MD1009**	81.50110.0216, 81501100216	360	155	230	198	275	8x22	3T							GG/217/1 PSV	
			R	DRUM	**MD1010**	81.50110.0212, 81501100212	360	172	230	242	275	8x22	3T							GG/217/1 PSV	
Nimbus	1989		F	DRUM	**DE1013**	652841/5, F4356/88	360	178	221	240	275	8x24	1CS2T							PB/22/1 PSV	
			R	DRUM	**DE1012**	652800-26, 652800/26, 65280026, 829510R	360	180	225	240	275	8x24	4CB4T							PB/22/1 PSV	
Optimo IV 7.5m	1986	1991	F	DISC	**TO1001**	43512-36070, 4351236070	300	30	106	49	132	5x12.5		WP802							
			R		**TBA**	Part number to be advised															
Porto - Dennis Chassis	1987		F	DRUM	**DE1018**	653187	394	192	281	246	335	10x26	1CSCB4T							CS/68/2 PSV	
			F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/68/2 PSV	
	1991	1996	F	DISC	**DE1039**	653565	440	45	190	135	225	10xM16		WP769		WL014					
	1997		F	DISC	**DE1041**	655750	437	45	136	130	165	10x17		WP1047	WP1047S2	WL014		WA213			
	1987	1991	R	DRUM	**DE1009**	653188	394	214	282	265	335	10x26	5CB3T								
			R	DRUM	**DE1025**	650711/8	394	214	282.575	265	335	10x26.5									
Porto - Volvo Chassis	1983	1999	F	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
	2000	2005	F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1983	1999	R	DRUM	**VO1018**	1134818, 1590313/1	394	265	282	314	335	10x28	2T							VL/81/82/1	
	2000	2005	R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
Carmichael							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Cobra II	1992		F	DRUM	**KI1012**	0834942, 2530-99-769-6576, 2530997696576, 41028009, 65190014, 7844/88	394	213	16	257	335	10x26	1CS1CB4T							CS/64/1 PSV	
			R	DRUM	**KI1017**	41031177, R8690 40A, R8690-40A, R8690/40A, R869040A	394	213	281	286	335	10x26	1CB3T							CS/64/1 PSV	
Cobra III	2000		F		**TBA**	Part number to be advised															
			R	DISC	**CAR1001**	3218M1262	435	45	167	86	184	16x8.7									
Chevrolet							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
C6500	2003	2008	F	DISC	**NAV1005**	123557, 353883, 42045409, 88936204, RC4414557	390.5	39	152.5	86.5	184.11	10 x 15.3		WP1032							
			R	DISC	**NAV1005**	123557, 353883, 42045409, 88936204, RC4414557	390.5	39	152.5	86.5	184.11	10 x 15.3		WP1032							
			R	DISC	**NAV1008**	- 21,000lb axle, 392268, 5623, 88936210	391	39	231.6	193.2	285.75	10x25.4		WP1032							
C7500	1990	2002	F	DISC	**NAV1005**	123557, 353883, 42045409, 88936204, RC4414557	390.5	39	152.5	86.5	184.11	10 x 15.3		WP1032							
	2003	2010	F	DISC	**NAV1005**	123557, 353883, 42045409, 88936204, RC4414557	390.5	39	152.5	86.5	184.11	10 x 15.3		WP1032							
	1990	2002	R	DISC	**NAV1005**	123557, 353883, 42045409, 88936204, RC4414557	390.5	39	152.5	86.5	184.11	10 x 15.3		WP1032							
	2003	2010	R	DISC	**NAV1008**	- 21,000lb axle, 392268, 5623, 88936210	391	39	231.6	193.2	285.75	10x25.4		WP1032							
			R	DISC	**NAV1005**	123557, 353883, 42045409, 88936204, RC4414557	390.5	39	152.5	86.5	184.11	10 x 15.3		WP1032							
Citroen							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Dispatch	1996	2004	F	DISC	**CIT1001**	1309392080, 4246J2, 4246J3	281	26	59	43.5	98	5x16.5									
			F	DISC	**CIT1002**	1316323080, 4246H8, 4246H9	257	20	59	40.5	98	5x16.5									
Jumper 1.9 D 1.0, 1.4 tonne payload	1994	1999	F	DISC	**CIT1015**	1300500080, 4246J8, 4246J9	280	18	73	59	118	5x15.7 + 2x8.7									
			F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7								
	1999	2001	F	DISC	**CIT1015**	1300500080, 4246J8, 4246J9	280	18	73	59	118	5x15.7 + 2x8.7		WP797							
			F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7	WP797							
Jumper 1.9 D 1.8 tonne payload	1994	1999	F	DISC	**CIT1008**	1307356080, 1606401680, 4246K2, 4246Y3, 4246Y5, 424935	300	24	80	66	130	5x17.5 + 2x8.7									
	1999	2001	F	DISC	**CIT1008**	1307356080, 1606401680, 4246K2, 4246Y3, 4246Y5, 424935	300	24	80	66	130	5x17.5 + 2x8.7		WP397							

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Jumper 2.0 HDi, 2.2 HDi, 2.8HDi 1.8 tonne payload	2001	2002	F	DISC	**CIT1015**	1300500080, 4246J8, 4246J9	280	18	73	59	118	5x15.7 + 2x8.7		WP797							
			F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7	WP797							
			F	DISC	**CIT1008**	1307356080, 1606401680, 4246K2, 4246Y3, 4246Y5, 424935	300	24	80	66	130	5x17.5 + 2x8.7		WP397							
	2002	2007	F	DISC	**CIT1008**	1307356080, 1606401680, 4246K2, 4246Y3, 4246Y5, 424935	300	24	80	66	130	5x17.5 + 2x8.7									
			R	DISC	**CIT1014**	1341047080, 1606401780, 1607880580, 1618863480, 4246Z1, 4246Z3	280	16	79	82	130	5x17.7	5x8.8								
Jumper 2.2 HDi, 3.0 HDi 1.1 tonne payload		2006	F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7	WP917							
	2006		F	DISC	**CIT1006**	16 078 721 80, 16 124 351 80, 16 124 352 80, 4249.K2, 424928, 424929	280	28	73	70	118	5x15.5	5x8.7	WP468							
	2002	2006	R	DISC	**CIT1013**	00004246Y7, 00004246Y7, 1341046080, 1606306680, 1606306680, 422835	280	16	72	82	118	5x15.6	5x8.8	WP921							
	2006		R	DISC	**CIT1007**	424930, 424931, 51740245, 51749274	280	16	72	80	118	5x15.5	5x8.7	WP465							
Jumper 2.2 HDi, 3.0 HDi 1.4 tonne payload	2002	2006	F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7	WP917							
	2006		F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7	WP468							
	2002	2006	R	DISC	**CIT1013**	00004246Y7, 00004246Y7, 1341046080, 1606306680, 1606306680, 422835	280	16	72	82	118	5x15.6	5x8.8	WP921							
	2006		R	DISC	**CIT1007**	424930, 424931, 51740245, 51749274	280	16	72	80	118	5x15.5	5x8.7	WP465							
Jumper 2.2 HDi, 3.0 HDi 1.7 tonne payload	2002	2006	F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7	WP917							
	2006		F	DISC	**CIT1008**	1307356080, 1606401680, 4246K2, 4246Y3, 4246Y5, 424935	300	24	80	66	130	5x17.5 + 2x8.7		WP466							
	2002	2006	R	DISC	**CIT1013**	00004246Y7, 00004246Y7, 1341046080, 1606306680, 1606306680, 422835	280	16	72	82	118	5x15.6	5x8.8	WP921							
	2006		R	DISC	**CIT1009**	424939, 424940, 51856411	280	16	79	80	130	5x17.5	5x8.7	WP465							
Jumper 2.2 HDi, 3.0 HDi 2.0 tonne payload			F	DISC	**CIT1010**	424937, 424938, 51705758, 51740249, 51957509	300	32	80	74	130	5x17.5	2x8.7	WP466							
			R	DISC	**CIT1011**	1607880680, 1611842180, 1618865380, 424941, 424942, 4249K6	300	16	79	80	130	5x17.5	5x8.7	WP465							
Jumper 2.5 D 1.0, 1.4 tonne payload	1994	1999	F	DISC	**CIT1015**	1300500080, 4246J8, 4246J9	280	18	73	59	118	5x15.7 + 2x8.7									
			F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7								
	1999	2002	F	DISC	**CIT1015**	1300500080, 4246J8, 4246J9	280	18	73	59	118	5x15.7 + 2x8.7		WP797							
			F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7	WP797							
Jumper 2.5 D, 2.5 TDi 1.8 tonne payload	1994	1999	F	DISC	**CIT1008**	1307356080, 1606401680, 4246K2, 4246Y3, 4246Y5, 424935	300	24	80	66	130	5x17.5 + 2x8.7									

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1999	2002	F	DISC	**CIT1008**	1307356080, 1606401680, 4246K2, 4246Y3, 4246Y5, 424935	300	24	80	66	130	5x17.5 + 2x8.7		WP397							
Jumper 2.8 HDi 1.8 tonne payload	2002	2007	F	DISC	**CIT1008**	1307356080, 1606401680, 4246K2, 4246Y3, 4246Y5, 424935	300	24	80	66	130	5x17.5 + 2x8.7		WP919							
			R	DISC	**CIT1014**	1341047080, 1606401780, 1607880580, 1618863480, 4246Z1, 4246Z3	280	16	79	82	130	5x17.7	5x8.8	WP921							
Jumper 2.8 HDi excluding 1.8 tonne payload			F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7	WP917							
			R	DISC	**CIT1013**	00004246Y7, 00004246Y7, 1341046080, 1606306680, 1606306680, 422835	280	16	72	82	118	5x15.6	5x8.8	WP921							
Jumpy	1996	2004	F	DISC	**CIT1001**	1309392080, 4246J2, 4246J3	281	26	59	43.5	98	5x16.5									
			F	DISC	**CIT1002**	1316323080, 4246H8, 4246H9	257	20	59	40.5	98	5x16.5									
Relay 2.0 HDi, 2.2 HDi 1.8 tonne payload	2002	2007	F	DISC	**CIT1008**	1307356080, 1606401680, 4246K2, 4246Y3, 4246Y5, 424935	300	24	80	66	130	5x17.5 + 2x8.7									
			R	DISC	**CIT1014**	1341047080, 1606401780, 1607880580, 1618863480, 4246Z1, 4246Z3	280	16	79	82	130	5x17.7	5x8.8								
Relay 2.0 HDi, 2.2 HDi Excluding 1.8 tonne payload			F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7								
			R	DISC	**CIT1013**	00004246Y7, 00004246Y7, 1341046080, 1606306680, 1606306680, 422835	280	16	72	82	118	5x15.6	5x8.8								
Relay 2.0 HDi, 3.0 HDi 1.1 tonne payload	2006		F	DISC	**CIT1006**	16 078 721 80, 16 124 351 80, 16 124 352 80, 4249.K2, 424928, 424929	280	28	73	70	118	5x15.5	5x8.7								
			R	DISC	**CIT1007**	424930, 424931, 51740245, 51749274	280	16	72	80	118	5x15.5	5x8.7								
Relay 2.0 HDi, 3.0 HDi 1.4 tonne payload			F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7								
			R	DISC	**CIT1007**	424930, 424931, 51740245, 51749274	280	16	72	80	118	5x15.5	5x8.7								
Relay 2.0 HDi, 3.0 HDi 1.7 tonne payload			F	DISC	**CIT1008**	1307356080, 1606401680, 4246K2, 4246Y3, 4246Y5, 424935	300	24	80	66	130	5x17.5 + 2x8.7									
			R	DISC	**CIT1009**	424939, 424940, 51856411	280	16	79	80	130	5x17.5	5x8.7								
Relay 2.0 HDi, 3.0 HDi 2.0 tonne payload			F	DISC	**CIT1010**	424937, 424938, 51705758, 51740249, 51957509	300	32	80	74	130	5x17.5	2x8.7								
			R	DISC	**CIT1011**	1607880680, 1611842180, 1618865380, 424941, 424942, 4249K6	300	16	79	80	130	5x17.5	5x8.7								
Cobus							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
3000	2005		F	DISC	**MNE1075**	13C33-05572, 13C33-05572AA, 13C3305572AA, A0024204701 kit with pads WP1277, A638421011205, A6864200072 kit with pads WP1277	335	34	91.6	102.5	120	10x14.5		WP1277				WA231			
			R	DISC	**MNE1082**	A9704230012, A9704230512, A9704230712, A9704231312, A9704232112	335	34	152	111	177	8xM12		WP1277				WA231			
Colaert							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
305 x 125 1012 V3	1980		T	DRUM	**CO1003**	6056097, 96056097	305	132	160	175	205	6x17									
305 x 200 Colaert Axle 915 V6			T	DRUM	**CO1001**	300202105, 6050030, 96050030	305	203	178	259	225	10x26	2CS2T							LZ/1/1	
406 x 125			T	DRUM	**CO1004**	6059018, 96059018	406	138	220	175	275	8x23									

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
414 x 150			T	DRUM	**CO1005**	96051071	414	162	280	198	335	6x21									
			T	DRUM	**CO1006**	96051072	414	162	280	198	335	10x23									
414 x 175			T	DRUM	**CO1007**	96051113	414	185	280	253	335	10x23									
414 x 200			T	DRUM	**CO1008**	50791, 96051218	414	213	280	248	335	6x21									
			T	DRUM	**CO1009**	96041067, 96051219, 96051243, 96051250	414	213	280	248	335	10x23									
			T	DRUM	**CO1010**	96051213	414	212	280	285	335	10x23									
Crible Doppstadt							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
SM620 Plus	2000		T	DRUM	**AD1001**	66LPA0801, 99522016203	300	190	221	204	275	10x22									WBSK0052/4
Daewoo							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
A75	1997		F	DISC	**LE1093**	AMPB889, MAK7429, PAK3545, PAK5513, RAK7404	315	26	119	122	138	10xM12		WP503							
Avia D60	2000		F	DISC	**LE1093**	AMPB889, MAK7429, PAK3545, PAK5513, RAK7404	315	26	119	122	138	10xM12		WP503							
Avia D75			F	DISC	**LE1093**	AMPB889, MAK7429, PAK3545, PAK5513, RAK7404	315	26	119	122	138	10xM12		WP503							
			R		**TBA**	Part number to be advised														MP/37/38/1	
Avia D80			F	DISC	**LE1093**	AMPB889, MAK7429, PAK3545, PAK5513, RAK7404	315	26	119	122	138	10xM12		WP503							
Tipper			F	DRUM	**MIS0544**		410	163	283	229	335	10x23.5	2CB2T								
			R	DRUM	**DAE1001**	3453100740	410	214	283	281.5	335	10x23	2CB2T								
DAF							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
45 Series FA45.120 - FA45.210 6.2t to 7.7t	1991		F	DISC	**LE1093**	AMPB889, MAK7429, PAK3545, PAK5513, RAK7404	315	26	119	122	138	10xM12		WP503							
			R	DRUM	**DA1042**	AMPA965, NJJ3622	325	157	163	202	205	6x20	3T							MP/39/40/1	
			R	DRUM	**LE1092**	AMPA961, NJJ3623, RAK5412	325	105	163	177	205	6x20	3T							MP/37/38/1	
45 Series FA45.130 - FA45.210 10t to 11t			F	DISC	**LE1112**	AMPB887, MAK2487, NJK2768, PAK3546, RAK5513	312	30	133	137	155	12xM12		WP503							
			R	DRUM	**LE1104**	AMPA962, AMPB962, NJJ3627, RAK7501	325	159	223	212	275	8x22	2T							MP/39/40/1	
			R	DRUM	**LE1116**	AMPA963, MAK7102	325	121	223	177	275	8x22	2T							MP/37/38/1	
			R	DRUM	**LE1128**	AMPA964 MAK8051	325	132	223	188	275	8x22	2T							MP/37/38/1	
			R	DRUM	**LE1129**	PAK2660	325	156	223	202	275	8x22	2T							MP/39/40/1	
50 Series FA50.130	1990	1992	F	DRUM	**LE1072**	NJK1685	330	146	223	213	275	8x22	2CS2T							GG/194/1	
	1992		F	DRUM	**DA1027**	NJJ2544	360	181	226	229	275	8x23.5	2CB2T							PB/22/1 PSV	
			F	DRUM	**DA1053**	0094898, 0279663	360	181	226	229	275	8x22	2CB2T							PB/22/1 PSV	
	1990	1992	R	DRUM	**LE1071**	NJJ1374	330	152	223	229	275	8x22	2CS2T							GG/186/187/1	
	1992		R	DRUM	**DA1027**	NJJ2544	360	181	226	229	275	8x23.5	2CB2T							PB/22/1 PSV	
			R	DRUM	**DA1053**	0094898, 0279663	360	181	226	229	275	8x22	2CB2T							PB/22/1 PSV	
50 Series FA50.160	1990	1992	F	DRUM	**LE1072**	NJK1685	330	146	223	213	275	8x22	2CS2T							GG/194/1	
	1992		F	DRUM	**DA1027**	NJJ2544	360	181	226	229	275	8x23.5	2CB2T							PB/22/1 PSV	
			F	DRUM	**DA1053**	0094898, 0279663	360	181	226	229	275	8x22	2CB2T							PB/22/1 PSV	
	1990	1992	R	DRUM	**LE1071**	NJJ1374	330	152	223	229	275	8x22	2CS2T							GG/186/187/1	
	1992		R	DRUM	**DA1027**	NJJ2544	360	181	226	229	275	8x23.5	2CB2T							PB/22/1 PSV	
			R	DRUM	**DA1053**	0094898, 0279663	360	181	226	229	275	8x22	2CB2T							PB/22/1 PSV	
55 Series - With 420mm Diameter Brake Drums	1995		F	DRUM	**DA1037**	1325270	420	187	282	239	335	10x24	2CB2T							DF/46/47/1	
			R	DRUM	**DA1020**	0090500, 0363342, 0386563	420	190	285	240	335	10x24	2CB2T							DF/44/45/1	
			R	DRUM	**DA1039**	AMPA498, HJJ4309, NJJ2760	420	163	285	226	335	10x23.5	2CB2T							DF/44/45/1	
55 Series FA55.150 - FA55.230			F	DRUM	**DA1027**	NJJ2544	360	181	226	229	275	8x23.5	2CB2T							PB/22/1 PSV	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DRUM	**DA1038**	AMPA103, NJJ3001	360	183	223	229	275	8x23.5	2CB2T							PB/22/1 PSV	
			F	DISC	**LE1124**	AMPA014, AMPA015, AMPB481, AMPB860, NJK2785, NJK2989	375	44	154	128	185	10xM14		WP1042		WL060					
			R	DRUM	**DA1027**	NJJ2544	360	181	226	229	275	8x23.5	2CB2T							PB/22/1 PSV	
			R	DRUM	**DA1038**	AMPA103, NJJ3001	360	183	223	229	275	8x23.5	2CB2T							PB/22/1 PSV	
60 Series Freighters FA60.180 - FA60.210	1990		F	DRUM	**LE1066**	MAK6303, NJK2779, RAK4499	410	189	282	235	335	10x23.5	2CB2T							LE/71/1	
			R	DRUM	**LE1067**	NAK7484, RAK4552, RAK6766	410	176	282	241	335	10x23.5	2CB2T							LE/70/1	
			R	DRUM	**LE1081**	NJJ2487, RAK7085	410	181	282	243	335	10x23.5	2CB2T							LE/70/1	
65 Series			F	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
			R	DRUM	**DA1026**	0754397	420	214	285	288	335	10x24	2CB2T							DF/48/49/1	
70 Series		1994	F	DRUM	**LE1066**	MAK6303, NJK2779, RAK4499	410	189	282	235	335	10x23.5	2CB2T							LE/71/1	
			R	DRUM	**LE1067**	NAK7484, RAK4552, RAK6766	410	176	282	241	335	10x23.5	2CB2T							LE/70/1	
			R	DRUM	**LE1081**	NJJ2487, RAK7085	410	181	282	243	335	10x23.5	2CB2T							LE/70/1	
75 Series	1992		F	DRUM	**DA1020**	0090500, 0363342, 0386563	420	190	285	240	335	10x24	2CB2T							DF/46/47/1	
			F	DRUM	**DA1023**	0090498, 0275824, 1232806	420	190	285	251	335	10x24	2CB2T							DF/46/47/1	WBSK0040
			F	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
			R	DRUM	**DA1020**	0090500, 0363342, 0386563	420	190	285	240	335	10x24	2CB2T							DF/44/45/1	
			R	DRUM	**DA1023**	0090498, 0275824, 1232806	420	190	285	251	335	10x24	2CB2T							DF/46/47/1	WBSK0040
			R	DRUM	**DA1026**	0754397	420	214	285	288	335	10x24	2CB2T							DF/48/49/1	WBSK0039
80 Series	1990	1994	F	DRUM	**LE1027**	AAW4892, NJK2185, NJK2775, RAK4483	394	217	283	254	335	10x23.5	2CB2T							CW/13/1	
			F	DRUM	**LE1027**	AAW4892, NJK2185, NJK2775, RAK4483	394	217	283	254	335	10x23.5	2CB2T							CW/12/1	
			F	DRUM	**LE1066**	MAK6303, NJK2779, RAK4499	410	189	282	235	335	10x23.5	2CB2T							LE/71/1	
			F	DRUM	**LE1120**	MAK3430, NJK2777	394	175	283	217	335	10x24	2CB2T								
			R	DRUM	**DA1021**	0096349	394	221	285	276	335	10x24	2CB2T							CW/13/1	
			R	DRUM	**DA1021**	0096349	394	221	285	276	335	10x24	2CB2T							CW/12/1	
			R	DRUM	**LE1067**	NAK7484, RAK4552, RAK6766	410	176	282	241	335	10x23.5	2CB2T							LE/70/1	
			R	DRUM	**LE1081**	NJJ2487, RAK7085	410	181	282	243	335	10x23.5	2CB2T							LE/70/1	
			R	DRUM	**LE1084**	FBU3897	410	191	281	268	335	10x23.5	2CS2T							LE/71/1	
85 Series	1993		F	DRUM	**DA1020**	0090500, 0363342, 0386563	420	190	285	240	335	10x24	2CB2T							DF/46/47/1	
			F	DRUM	**DA1023**	0090498, 0275824, 1232806	420	190	285	251	335	10x24	2CB2T							DF/46/47/1	WBSK0040
			F	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
			R	DRUM	**DA1020**	0090500, 0363342, 0386563	420	190	285	240	335	10x24	2CB2T							DF/44/45/1	
			R	DRUM	**DA1023**	0090498, 0275824, 1232806	420	190	285	251	335	10x24	2CB2T							DF/46/47/1	WBSK0040
			R	DRUM	**DA1026**	0754397	420	214	285	288	335	10x24	2CB2T							DF/48/49/1	WBSK0039
95 Series	1987		F	DRUM	**DA1020**	0090500, 0363342, 0386563	420	190	285	240	335	10x24	2CB2T							DF/46/47/1	
			F	DRUM	**DA1023**	0090498, 0275824, 1232806	420	190	285	251	335	10x24	2CB2T							DF/46/47/1	WBSK0040
			F	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
			R	DRUM	**DA1022**	0386964, 0395247, 386964, 395247	420	250	285	313	335	10x24	2CB2T							DF/38/39/1	
			R	DRUM	**DA1026**	0754397	420	214	285	288	335	10x24	2CB2T							DF/48/49/1	WBSK0039
CF Series 65, 75, 85, 95	2000		F	DRUM	**DA1020**	0090500, 0363342, 0386563	420	190	285	240	335	10x24	2CB2T							DF/46/47/1	
			F	DRUM	**DA1023**	0090498, 0275824, 1232806	420	190	285	251	335	10x24	2CB2T					WA288		DF/46/47/1	WBSK0040
			F	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
			R	DRUM	**DA1022**	0386964, 0395247, 386964, 395247	420	250	285	313	335	10x24	2CB2T							DF/38/39/1	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**DA1026**	0754397	420	214	285	288	335	10x24	2CB2T					WA288		DF/48/49/1	WBSK0039
			R	DRUM	**DA1023**	0090498, 0275824, 1232806	420	190	285	251	335	10x24	2CB2T							DF/46/47/1	WBSK0040
	2006		R	DRUM	**DA1055**	1694338, 1694361, 1694799	410	215	282	294	335	10x24.5	4CS + 2x25 + 2xM20							VL/88/2	
	2000		T	DRUM	**SAE1011**	09380041, 1602389, 709380041, 9380041	300	115	165	144	205	6x20.5								15898	
CF Series 65, 75, 85, 95 - Brake Discs			F	DISC	**DA1063**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5		WP988	WP988S2	WL017	WL017	DA1058BOLTS	WA230		
			MID	DISC	**DA1057**	1703801, 1703805, 2612678, R1800079	330	34	95	113	120	10x14.75		WP1279				WA235			
			MID	DISC	**DA1057S**	-SOLID VERSION, 1703801, 1703805, R1800079	330	34	95	113	120	10x14.75		WP1279				WA235			
			R	DISC	**DA1063**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5		WP988	WP988S2	WL017	WL017	WA230	WA231		
CF Series 65, 75, 85, 95 - Front Disc - Rear Drum - Meritor Axle			F	DISC	**DA1058**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5 (Torque Setting 20Nm)		WP988	WP988S2			WA230			
			R	DRUM	**DA1064**	2183411, 2297352	410	219	282	293.5	335	10x28	2CS, 2xM20, 2x25							VL/88/2	WBSK0021
F Series F1700	1990		F	DRUM	**DA1027**	NJJ2544	360	181	226	229	275	8x23.5	2CB2T							GG/216/1 PSV	
			R	DRUM	**DA1027**	NJJ2544	360	181	226	229	275	8x23.5	2CB2T							GG/216/1 PSV	
F Series F1900 - F3600	1987	1989	F	DRUM	**DA1001**	117351	419	165	285	228	335	10x25	2CS2T							DF/20/21/3	
			F	DRUM	**DA1008**	USE DA1030														DF/20/21/3	
	1989	1993	F	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
	1990		F	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
	1987	1989	R	DRUM	**DA1002**	190022, 191173	419	164	285	230	335	10x33	4CS2T							DF/20/21/3	
			R	DRUM	**DA1007**	0364941, 595235, 638160	419	194	285	262	335	10x23.5	4CB2T							DF/16/17/2	
			R	DRUM	**DA1009**	364945, 595231, 638161	419	152	285	235	335	10x24	4CB2T							DF/20/21/3	
			R	DRUM	**DA1014**	0360559, 0365579, 4501585	420	214	285	286	335	10x24	2CB2T							DF/32/33/1	
			R	DRUM	**DA1015**	0595230, 0674287, 8171595	420	187	285	246	335	10x24	2CB2T							DF/16/17/2	
	1989	1993	R	DRUM	**DA1015**	0595230, 0674287, 8171595	420	187	285	246	335	10x24	2CB2T							DF/46/47/1	
	1990		R	DRUM	**DA1026**	0754397	420	214	285	288	335	10x24	2CB2T							DF/48/49/1	WBSK0039
F Series F500, F700	1978	1986	F	DRUM	**DA1031**	17936	310	112	165	179	205	6x20	2CS2T								
			R	DRUM	**DA1032**	19737	310	130	165	193	205	6x20	2CS2T							SA/26/27/1	
F Series FA1000, FA1005	1987		F	DISC	**LE1112**	AMPB887, MAK2487, NJK2768, PAK3546, RAK5513	312	30	133	137	155	12xM12		WP503							
			R	DRUM	**LE1104**	AMPA962, AMPB962, NJJ3627, RAK7501	325	159	223	212	275	8x22	2T							MP/39/40/1	
F Series FA1100 DT, FT1100	1978	1986	F	DRUM	**DA1033**	17938	325	134	207	201	245	6x20	2CS2T							SA/28/29/1	
			R	DRUM	**DA1034**	17939	325	155	207	222	245	6x20	2CS2T							SA/30/31/1	
F Series FA1700 DNT	1987	1989	F	DRUM	**DA1027**	NJJ2544	360	181	226	229	275	8x23.5	2CB2T								
			R	DRUM	**DA1027**	NJJ2544	360	181	226	229	275	8x23.5	2CB2T								
F Series FA50.150	1990	1992	F	DRUM	**LE1076**	MAK5643, NJK1686	387	139	223	203	275	8x22	2CS2T							LE/54/1	
	1992		F	DRUM	**DA1027**	NJJ2544	360	181	226	229	275	8x23.5	2CB2T							PB/22/1 PSV	
	1990	1992	R	DRUM	**LE1075**	NJJ1398	394	151	223	213	275	8x22	2CS2T							GG/153/1	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1992		R	DRUM	**DA1027**	NJJ2544	360	181	226	229	275	8x23.5	2CB2T							PB/22/1 PSV	
F Series FA50.180	1994		F	DRUM	**DA1027**	NJJ2544	360	181	226	229	275	8x23.5	2CB2T							PB/22/1 PSV	
			R	DRUM	**DA1027**	NJJ2544	360	181	226	229	275	8x23.5	2CB2T							PB/22/1 PSV	
F1400	1970	1978	F	DRUM	**RN1073**	172046, 5000202691, 5516011616, 5516030954, 5516053691, 551631601	394	134	228	201.5	275	8x21.5	2CS2T								
			F	DRUM	**RN1074**	173285, 5000202692, 5000546969, 5516011307, 5516011617, 6011617	394	156	228	218	275	8x21.5	2CB2T								
LF 45 Series 12 Ton - Pan 17	2001	2005	F	DISC	**DA1048**	1403758, 1408253, 1526682	330	34	133	143	155	16xM12		WP1279		WL023		WA235	WA258		
	2006	2013	F	DISC	**DA1054**	1408671, CAN REPLACE 1403758, CAN REPLACE 1408253	330	34	133	143	155	16xM12		WP1279		WL023		WA235	WA258		
	2014		F	DISC	**DA1057**	1703801, 1703805, 2612678, R1800079	330	34	95	113	120	10x14.75		WP1279		WL023		WA235	WA261		
	2001	2005	R	DISC	**DA1045**	13C35-08390-BA Please check dimensions to confirm., 1400273, 1408254, 24070024, 32065010, 387014317051	330	34	150	119	175	12xM12		WP1279		WL023		WA235	WA258		
	2006	2013	R	DISC	**DA1052**	12162003, 1406872, 1407581, 1408672, 32060015, 6121620032	330	34	150	119	175	12xM12		WP1279		WL023		WA235	WA259		
	2014		R	DISC	**DA1060**	1709060	330	34	150	119	175	18xM12		WP1279		WL023		WA235			
LF 45 Series exc 12 Ton - Pan17	2001	2006	F	DISC	**DA1044**	1400163, 1408252	330	34	117	123	138	12xM12		WP1279		WL023		WA235	WA258		
	2006	2011	F	DISC	**DA1051**	1408670	330	34	117	123	138	12xM12		WP1279		WL023		WA235	WA258		
	2011		F	DISC	**DA1057**	1703801, 1703805, 2612678, R1800079	330	34	95	113	120	10x14.75		WP1279		WL023		WA235	WA261		
	2001	2006	R	DISC	**DA1045**	13C35-08390-BA Please check dimensions to confirm., 1400273, 1408254, 24070024, 32065010, 387014317051	330	34	150	119	175	12xM12		WP1279		WL023		WA235	WA258		
	2006	2011	R	DISC	**DA1052**	12162003, 1406872, 1407581, 1408672, 32060015, 6121620032	330	34	150	119	175	12xM12		WP1279		WL023		WA235	WA259		
	2011		R	DISC	**DA1052**	12162003, 1406872, 1407581, 1408672, 32060015, 6121620032	330	34	150	119	175	12xM12		WP1279		WL023		WA235	WA259		
LF 55 Series 12 - 18 Ton - Pan19-1 plus	2003		F	DISC	**DA1046**	13162045, 1400069, 1706310, 1716711, NJK3571	375	45	117	99	144	10x15		WP1389		WL029		WA223	WA263		
			R	DISC	**DA1047**	1400284, 661483 21, 661483-21, 661483/21	375	45	179	146	209	10xM14		WP1389		WL029		WA223	WA262		
			R	DISC	**DA1065**	1400284, 661483 21, 661483-21, 661483/21	375	45	179	146	209	10xM14		WP1389		WL029		WA223	WA262		
LF 55 Series 12 - 18 Ton - Pan19-2	2002	2003	F	DISC	**DA1046**	13162045, 1400069, 1706310, 1716711, NJK3571	375	45	117	99	144	10x15		WP129		WL029		WA223	WA263		
			R	DISC	**DA1047**	1400284, 661483 21, 661483-21, 661483/21	375	45	179	146	209	10xM14		WP129		WL029		WA223	WA262		
			R	DISC	**DA1065**	1400284, 661483 21, 661483-21, 661483/21	375	45	179	146	209	10xM14		WP129		WL029		WA223	WA262		
LF 55 Series 21 ton			F	DISC	**DA1058**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5 (Torque Setting 20Nm)		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**DA1058**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5 (Torque Setting 20Nm)		WP988	WP988S2	WL017	WL017	WA230	WA231		

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
XF 85 / 95 Series - Brake Discs	2000		F	DISC	**DA1058**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5 (Torque Setting 20Nm)			WP988S2	WL018		WA230	WA231		
			F	DISC	**DA1063**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5			WP988S2			WA230			
			R	DISC	**DA1058**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5 (Torque Setting 20Nm)			WP988S2	WL018		WA230	WA231		
			R	DISC	**DA1063**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5			WP988S2			WA230			
XF 95, XF105 Series	1998		F	DRUM	**DA1020**	0090500, 0363342, 0386563	420	190	285	240	335	10x24	2CB2T							DF/46/47/1	
			F	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
			R	DRUM	**DA1026**	0754397	420	214	285	288	335	10x24	2CB2T					WA288		DF/48/49/1	WBSK0039
			R	DRUM	**DA1055**	1694338, 1694361, 1694799	410	215	282	294	335	10x24.5	4CS + 2x25 + 2xM20							VL/88/2	
			T	DRUM	**SAE1011**	09380041, 1602389, 709380041, 9380041	300	115	165	144	205	6x20.5								15898	
XF 105 Series - Brake Discs	2000		F	DISC	**DA1058**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5 (Torque Setting 20Nm)		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**DA1058**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5 (Torque Setting 20Nm)		WP988	WP988S2	WL017	WL017	WA230	WA231		
YA66	1980		F	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
			R	DRUM	**DA1061**	167404	419	187	285	247	335	10x24	2CB2T								
DAF PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
DB250	1992	1999	F	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
			R	DRUM	**DA1040**	2052205	394	213	281	273	335	10x26	1CB2T							CS/64/1 PSV	
DB250 MKII	2005		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			R	DRUM	**DA1040**	2052205	394	213	281	273	335	10x26	1CB2T							CS/64/1 PSV	
DB300	2008		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
MB200	1974		F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**DA1012**	0364944, 051427, 0514276, 0638165, 4511595, 595232	419	192	285	249	335	10x24.7	4CB2T							DF/16/17/2	
MB201		1980	F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
			R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
MB220	1989		F	DISC	**DA1019**	0299095, 1238372	457	48	170	119	195	10xM16		WP594				WA201			
		1989	F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
	1986		R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
	1989		R	DRUM	**DA1022**	0386964, 0395247, 386964, 395247	420	250	285	313	335	10x24	2CB2T							DF/50/51/1	
		1989	R	DRUM	**DA1036**	0368829, 368829	419	215	285	292	335	10x24	2CB2T							DF/32/33/1	
MB230	1986		F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
	1989		F	DISC	**DA1019**	0299095, 1238372	457	48	170	119	195	10xM16		WP594				WA201			
	1986	1989	R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
			R	DRUM	**DA1036**	0368829, 368829	419	215	285	292	335	10x24	2CB2T							DF/32/33/1	
	1989		R	DRUM	**DA1022**	0386964, 0395247, 386964, 395247	420	250	285	313	335	10x24	2CB2T							DF/50/51/1	
MBG200	1974	1980	F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
			R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
SB120	2002		F	DISC	**DA1049**	1142086, 1525384, 41142086, II39280F	377	45	117	112	144	10x15	2xM14	WP1329				WA231			
			R	DISC	**DA1050**	1142132, 1525386, ADL 658094-3, ADL 658094/3, CSP-00357, CSP00357	377	45	169	138.5	196	8xM14		WP1329				WA231			
SB180			F	DISC	**DA1049**	1142086, 1525384, 41142086, II39280F	377	45	117	112	144	10x15	2xM14	WP1329				WA231			
			R	DISC	**DA1050**	1142132, 1525386, ADL 658094-3, ADL 658094/3, CSP-00357, CSP00357	377	45	169	138.5	196	8xM14		WP1329				WA231			
SB200	1974	1989	F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
			R	DRUM	**DA1012**	0364944, 051427, 0514276, 0638165, 4511595, 595232	419	192	285	249	335	10x24.7	4CB2T							DF/16/17/2	
SB200 - Knorr SB6000 caliper	2002		F	DISC	**DA1049**	1142086, 1525384, 41142086, II39280F	377	45	117	112	144	10x15	2xM14	WP1329				WA231			
			R	DISC	**DA1050**	1142132, 1525386, ADL 658094-3, ADL 658094/3, CSP-00357, CSP00357	377	45	169	138.5	196	8xM14		WP1329				WA231			
SB2005 DHU Bus	1982	1986	F	DRUM	**DA1010**	4521595, 587310, 638168, 638175	406	140	285	211	335	10x23	4CB2T								
			R	DRUM	**DA1012**	0364944, 051427, 0514276, 0638165, 4511595, 595232	419	192	285	249	335	10x24.7	4CB2T							DF/16/17/2	
SB220	1987	1989	F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
			F	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
	1989		F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1987	1989	R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
			R	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
	1989		R	DRUM	**DA1022**	0386964, 0395247, 386964, 395247	420	250	285	313	335	10x24	2CB2T							DF/50/51/1	
			R	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
SB2300	1982	1986	F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
	1986		F	DISC	**DA1019**	0299095, 1238372	457	48	170	119	195	10xM16		WP594				WA201			
	1982	1986	R	DRUM	**DA1012**	0364944, 051427, 0514276, 0638165, 4511595, 595232	419	192	285	249	335	10x24.7	4CB2T							DF/16/17/2	
	1986		R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
			R	DRUM	**DA1036**	0368829, 368829	419	215	285	292	335	10x24	2CB2T							DF/32/33/1	
SB2305	1987		F	DISC	**DA1019**	0299095, 1238372	457	48	170	119	195	10xM16		WP594				WA201			
			R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
SB3000	1984	1989	F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
	1989		F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
			F	DISC	**DA1019**	0299095, 1238372	457	48	170	119	195	10xM16		WP594				WA201			
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
	1984	1989	R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
			R	DRUM	**DA1036**	0368829, 368829	419	215	285	292	335	10x24	2CB2T							DF/32/33/1	
	1989		R	DRUM	**DA1022**	0386964, 0395247, 386964, 395247	420	250	285	313	335	10x24	2CB2T							DF/50/51/1	
			R	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
SB4000	1999		F	DISC	**DA1058**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5 (Torque Setting 20Nm)		WP988	WP988S2			WA230			
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**DA1058**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5 (Torque Setting 20Nm)		WP988	WP988S2			WA230			
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
SBG220	1986	1989	F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
			F	DISC	**DA1019**	0299095, 1238372	457	48	170	119	195	10xM16		WP594				WA201			
	1989		F	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1986	1989	R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
			R	DRUM	**DA1036**	0368829, 368829	419	215	285	292	335	10x24	2CB2T							DF/32/33/1	
	1989		R	DRUM	**DA1022**	0386964, 0395247, 386964, 395247	420	250	285	313	335	10x24	2CB2T							DF/50/51/1	
			R	DRUM	**DA1022**	0386964, 0395247, 386964, 395247	420	250	285	313	335	10x24	2CB2T							DF/50/51/1	
			R	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
SBR3000			F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
			F	DISC	**DA1019**	0299095, 1238372	457	48	170	119	195	10xM16		WP594				WA201			
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			R	DRUM	**DA1022**	0386964, 0395247, 386964, 395247	420	250	285	313	335	10x24	2CB2T							DF/50/51/1	
			R	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
SKB3000			F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
			F	DISC	**DA1019**	0299095, 1238372	457	48	170	119	195	10xM16		WP594				WA201			
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			R	DRUM	**DA1022**	0386964, 0395247, 386964, 395247	420	250	285	313	335	10x24	2CB2T							DF/50/51/1	
			R	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
TB2100	1984		F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
			R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
Daimler PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Fleetline	1960	1965	F	DRUM	**DR1001**	144024	406	147	282	221	335	10x32	10CB2T								
			R	DRUM	**DR1002**	144042	406	216	282	272	335	10x32	10CB2T								
Demag Mobile Crane							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Brake Discs - All models from 2010 with Wabco MAXXUS22 Caliper	2010		F	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP1584		WL133					
			R	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP1584		WL133					
Brake Discs - All models from 2010 with Wabco PAN22-1 Caliper			F	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP139		WL078		WA254	WA275		
			R	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP139		WL078		WA254	WA275		
Den Oudsten							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Almere City Bus	1999		F	DISC	**RO1028**	- WITH CAST ABS TEETH 68323825, 120015200086, 5021170653, 6832382504	434	45	222	150	250	10xM16		WP123							
	2000		T	DISC	**RO1028+2**	- WITH BOLT ON STEEL ABS RING 68323825, 120015200086, 5021170653, 6832382504	434	45	222	150	250	10xM16		WP123							
Denning							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Double Decker	2006		F	DISC	**DE1058**	F4291/88	393	48	165	93	187	20x14.5		WP275							

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Low Floor Route Bus	2010		F	DISC	**DE1059**	102539, 102723, 611300, 658468 4, 658468-4, 658468/4	430	45	135	114.7	165	14x14.75	2T	WP988	WP988S2	WL063		WA230	WA231		
			R		**TBA**	Part number to be advised															
Dennis Eagle							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Dagger	2000		F		**TBA**	Part number to be advised								WP1277				WA238			
			R		**TBA**	Part number to be advised								WP1277				WA238			
DS Fire Engine	1986		F	DRUM	**DE1033**	612404/21, 612469/2	394	187	281	229	335	10x26	1CS2T							GG/83/1	
			R	DRUM	**DE1008**	612500/10	394	168	281	218	335	10x23.5	4T							GG/83/1	
Elite	1994		F	DRUM	**DE1021**	805250 17, 805250-17, 805250/17, 80525017	410	183	281	264	335	10x26	1CB4T							VL/87/2	
			F	DRUM	**DE1019**	614214/1														VL/87/2	
			F	DRUM	**DE1027**	653993-1	410	220	281	266	335	10x26	1CS4T							VL/87/2	
			F	DRUM	**DE1027**	653993-1	410	220	281	266	335	10x26	1CS4T							VL/88/2	
			R	DRUM	**DE1056**	614202/3, 614216, 614486, 614770/3, 654082/4, 829507	410	235	282	278	335	10x26	5CB3T							VL/87/2, VL/88/2	
Elite 2	2000	2007	F	DISC	**DE1041**	655750	437	45	136	130	165	10x17		WP1047	WP1047S2	WL020		WA213			
			F	DISC	**DE1060**	68326013C, DEP100013, MBR9010	438	45	136	130	165	10x17	2xM14	WP1047	WP1047S2	WL020		WA213			
	2008		F	DISC	**DE1059**	102539, 102723, 611300, 658468 4, 658468-4, 658468/4	430	45	135	114.7	165	14x14.75	2T	WP988	WP988S2	WL063		WA230	WA231		
			F	DISC	**DE1060**	68326013C, DEP100013, MBR9010	438	45	136	130	165	10x17	2xM14	WP1047	WP1047S2	WL020		WA213			
			F	DISC	**DE1061**	68326013, DEP103572, F5215-88, F5215/88, F5215/88, F521588	438	45	136	130.5	165	14x14.8mm	2T	WP988	WP988S2	WL063		WA230	WA231		
			R	DISC	**DE1053+2**	- WITH KTL COATED BOLT ON STEEL ABS RING, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
			R	DISC	**DE1053**	- WITH CAST ABS TEETH, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
			Rear Steer	DISC	**MNE1112**	0004213212, 9432210312, 9434210312, 9434210412, 9434210512, A0004213212	430	45	131	144	168	10x21	2xM10	WP988	WP988S2	WL063		WA230	WA231		
			T	DISC	**DE1059**	102539, 102723, 611300, 658468 4, 658468-4, 658468/4	430	45	135	114.7	165	14x14.75	2T	WP988	WP988S2	WL063		WA230	WA231		
			T	DISC	**DE1060**	68326013C, DEP100013, MBR9010	438	45	136	130	165	10x17	2xM14	WP1047	WP1047S2	WL020		WA213			
F Series Fire Engine	1976		F	DRUM	**DE1028**	609775/39	394	187	280	229	335	10x23.5	1CS2T							GG/83/1	
			F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/68/2 PSV	
			F	DRUM	**DE1040**	612836	394	216	281	254	335	10x26	1CS4T							GG/142/1	
	1985	1993	F	DRUM	**DE1031**	611293/13	394	178	279	235	335	10x24	2CB2T							GG/155/1 PSV	
			F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/68/2 PSV	
	1976		R	DRUM	**DE1007**	611849/41	394	187	282	237	335	10x26.5	5CB3T							GG/92/1	
			R	DRUM	**DE1007**	611849/41	394	187	282	237	335	10x26.5	5CB3T								
			R	DRUM	**DE1030**	609723/53, 610103/6	394	191	282	237	335	10x24	5CB3T							GG/92/1	
			R	DRUM	**DE1029**	607150/53	394	191	282	237	335	10x32	5CB3T							GG/92/1	
Phoenix	1994		F	DRUM	**DE1021**	805250 17, 805250-17, 805250/17, 80525017	410	183	281	264	335	10x26	1CB4T							VL/87/2	
			F	DRUM	**DE1019**	614214/1														VL/87/2	
	1985	1993	R	DRUM	**DE1007**	611849/41	394	187	282	237	335	10x26.5	5CB3T							CS/68/2 PSV	
Phoenix 2	2000	2007	F	DISC	**DE1041**	655750	437	45	136	130	165	10x17		WP1047	WP1047S2	WL020		WA213			
	2008		F	DISC	**DE1059**	102539, 102723, 611300, 658468 4, 658468-4, 658468/4	430	45	135	114.7	165	14x14.75	2T	WP988	WP988S2	WL063		WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**DE1053+2**	- WITH KTL COATED BOLT ON STEEL ABS RING, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
			R	DISC	**DE1053**	- WITH CAST ABS TEETH, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
Primemover	1994		F	DRUM	**DE1027**	653993-1	410	220	281	266	335	10x26	1CS4T							VL/87/2, VL/88/2	
			F	DRUM	**DE1027**	653993-1	410	220	281	266	335	10x26	1CS4T							VL/88/2	
			F	DRUM	**DE1027**	653993-1	410	220	281	266	335	10x26	1CS4T							VL/87/2	
R & S Series Fire Engine	1976		F	DRUM	**DE1028**	609775/39	394	187	280	229	335	10x23.5	1CS2T							GG/83/1	
			F	DRUM	**DE1033**	612404/21, 612469/2	394	187	281	229	335	10x26	1CS2T							GG/83/1	
			F	DRUM	**DE1028**	609775/39	394	187	280	229	335	10x23.5	1CS2T							GG/83/1	
			R	DRUM	**DE1036**	612304/6	394	222	281	273	335	10x23.5	4T							GG/142/1	
			R	DRUM	**DE1035**	612189/18	394	195	281	244	335	10x24	4T							GG/92/1	
			R	DRUM	**DE1034**	610515/4	394	194	281	238	335	10x23.5	4T							GG/92/1	
			R	DRUM	**DE1030**	609723/53, 610103/6	394	191	282	237	335	10x24	5CB3T							GG/92/1	
			R	DRUM	**DE1029**	607150/53	394	191	282	237	335	10x32	5CB3T							GG/92/1	
Rapier Fire Engine	1991		F	DISC	**DE1032**	653984/16	354	30	128	82	151	10x12.3		WP668							
			R	DRUM	**DE1012**	652800-26, 652800/26, 65280026, 829510R	360	180	225	240	275	8x24	4CB4T							PB/22/1 PSV	
RS Fire Engine	1995		F	DRUM	**DE1015**	653992/1	410	197	281	241	335	10x26	1CS4T							VL/87/2	
			R	DRUM	**DE1017**	3348152R1, 654017/8	410	191	285	250	335	10x23.5	2CS2T							VL/87/2	
			R	DRUM	**DE1022**	654547/5	410	210	282	252	335	10x26	5CB3T							VL/87/2	
Sabre Fire Engine			F	DISC	**DE1041**	655750	437	45	136	130	165	10x17		WP1047	WP1047S2	WL011		WA213			
			F	DISC	**DE1060**	68326013C, DEP100013, MBR9010	438	45	136	130	165	10x17	2xM14	WP1047	WP1047S2	WL016		WA213			
SS Fire Engine			F	DRUM	**DE1015**	653992/1	410	197	281	241	335	10x26	1CS4T							VL/87/2	
			R	DRUM	**DE1017**	3348152R1, 654017/8	410	191	285	250	335	10x23.5	2CS2T							VL/87/2	
			R	DRUM	**DE1022**	654547/5	410	210	282	252	335	10x26	5CB3T							VL/87/2	
Discos Trailers							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Haldex DB20 - 22.5" Wheels	2001		T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1367		WL017		WA247			
Jost DCA-L7 22.5" Wheels	2016		T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1578							
Knorr SB5000 - 17.5 " Wheels	1999		T	DISC	**MNE1076**	A0024204801, A6864230112, A9704230312, A9704230412, A9704230612, A9704231012	335	34	145	111	177	8xM12		WP1277				WA238			
Knorr SB6000 - 19.5" Wheels	1990		T	DISC	**MNE1077**	A6754210112, A6864210012, A9754210012, A9754210112, A9754210212, A9754210512	377	45	106	134	138	14x14.5		WP1329				WA231			
	1999		T	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1329				WA231			
	2002		T	DISC	**MNE1108**	JOST JAE0110400012, MERC A6754210012, MERC A6754210112, SCHMITZ 1002522	377	45	211	131	238	10xM14		WP1329				WA231			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
							A	B	C	D	E	F	Other								
Knorr SB7000 - 22.5" Wheels	1999		T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
Knorr SK7000 - 22.5" Wheels	2006		T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP132				WA231			
NR Series SB7000 - 22.5" Wheels	1999		T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
Pan 19 - 19.5" Wheels	2000		T	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1389				WA223			
Pan 19 - 1 19.5" Wheels			T	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1389				WA230			
Pan 19 - 1 plus 19.5" Wheels			T	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1389				WA230			
Pan 19 - 2 19.5" Wheels			T	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP129				WA229			
Pan22 - 1 22.5" Wheels			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP139				WA254			
Pan22- 22.5" Wheels			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988				WA224			
TE Series SB5000 - 17.5 " Wheels	1999		T	DISC	**MNE1076**	A0024204801, A6864230112, A9704230312, A9704230412, A9704230612, A9704231012	335	34	145	111	177	8xM12		WP1277				WA238			
TE Series SB6000 - 19.5" Wheels			T	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1329				WA231			
TE Series SB7000 - 22.5" Wheels			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
TZ Series SB5000 - 17.5 " Wheels			T	DISC	**MNE1076**	A0024204801, A6864230112, A9704230312, A9704230412, A9704230612, A9704231012	335	34	145	111	177	8xM12		WP1277				WA238			
TZ Series SB6000 - 19.5" Wheels			T	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1329				WA231			
TZ Series SB7000 - 22.5" Wheels			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
Dodge (After 1987 see Renault)																					
50 Series S35 - Girling Brake	1979	1987	F		**TBA**	Part number to be advised															
			R	DRUM	**CD1014**	36033200	308	90	171	140	205	6x19.5	2T								

WINNARD			Position			X-Ref														
Model	**From**	**To**		**Type**	**Winnard**	**Cross Reference numbers and notes**	**Disc and Drum Dimensions**							**Standard**	**Stage 2**	**W/Lead**	**W/Lead***	**F/Kit**	**F/Kit***	**Lining**	**Lined Shoe Kit**
50 Series S35 - Lockheed Brake			F	DRUM	**CD1012**	73063315	330	112	160	220	205	6x23.5								LH/94/2	
			R	DRUM	**CD1013**	73063081	330	150	160	220	205	6x23.5									
Barreiros 300,350	1973		F	DRUM	**DG1001**	4064608224, ZC81221080	406	213	281	260	335	10x23	3CS 3T								
			R	DRUM	**DG1001**	4064608224, ZC81221080	406	213	281	260	335	10x23	3CS 3T								
Commando Range G08 - 20" Wheels	1976	1981	F	DRUM	**CD1012**	73063315	330	112	160	220	205	6x23.5								LH/94/2	
			R	DRUM	**CD1013**	73063081	330	150	160	220	205	6x23.5									
Commando Range G10 - 16" Wheels	1983	1986	F	DRUM	**CD1012**	73063315	330	112	160	220	205	6x23.5								LH/94/2	
			R	DRUM	**CD1013**	73063081	330	150	160	220	205	6x23.5									
Commando Range G10 - 20" Wheels	1976	1981	F		**TBA**	Part number to be advised														GG/157/1	
			F		**TBA**	Part number to be advised															
			R	DRUM	**CD1013**	73063081	330	150	160	220	205	6x23.5									
Commando Range G11 - G15			F	DRUM	**CD1010**	36301600, 73007478	394	203	281	211	335	10x24	4T							GG/118/1	
			F	DRUM	**CD1011**	36301400														GG/118/1	
			R	DRUM	**CD1005**	73153667	394	187	282	252	335	10x24	2CB2T							GG/92/1	
			R	DRUM	**CD1026**	75067390	394	219	282	267	335	10x24	5CB3T							GG/92/1	
			R	DRUM	**CD1025**	5055288, 75067389	394	191	282	237	335	10x24	5CB3T							GG/92/1	
Commando Range G16 - G26		1986	F	DRUM	**CD1008**	36301300, 73162138	394	221	281	235	335	10x24	4T							GG/92/1	
			F	DRUM	**CD1017**	37168600, 5430028383	394	181	281	217	335	10x24	4T							GG/92/1	
			F	DRUM	**CD1030**	37365600	394	205	281	252	335	10x24	4T							GG/92/1	
			R	DRUM	**CD1018**	36648700, 73007369	394	187	281	252	335	10x24	4T							GG/92/1	
Commando Range GO8 - 16 Wheels		1983	F	DRUM	**CD1012**	73063315	330	112	160	220	205	6x23.5								LH/94/2	
			F	DRUM	**CD1013**	73063081	330	150	160	220	205	6x23.5								GG/194/1	
			R	DRUM	**CD1013**	73063081	330	150	160	220	205	6x23.5									
Commando Range GO9 - 20" Wheels		1981	F	DRUM	**CD1012**	73063315	330	112	160	220	205	6x23.5								LH/94/2	
			R	DRUM	**CD1013**	73063081	330	150	160	220	205	6x23.5									
S46 Girling Brake	1978	1987	F	DRUM	**CD1015**	38172400	330	105	160	165	205	6x19.5	2T							GG/171/1	
			R	DRUM	**CD1014**	36033200	308	90	171	140	205	6x19.5	2T								
S56	1979		F	DRUM	**CD1015**	38172400	330	105	160	165	205	6x19.5	2T							GG/171/1	
			R	DRUM	**CD1016**	3062314	308	113	171	152	205	6x19.5	2T								
			R	DRUM	**CD1022**	73166269	308	110	160	153	205	6x19.5	2T								
S66			F	DRUM	**CD1015**	38172400	330	105	160	165	205	6x19.5	2T							GG/171/1	
			R	DRUM	**CD1016**	3062314	308	113	171	152	205	6x19.5	2T								
			R	DRUM	**CD1022**	73166269	308	110	160	153	205	6x19.5	2T								
S75.110		1988	F	DRUM	**CD1028**	38172900	330	110	160	198	205	6x19.5	2T							LH/94/2	
			F	DRUM	**CD1029**	5430031835	330	141	160	194	205	6x19.5	2T							LH/94/2	
			R	DRUM	**CD1019**	5430030560	330	150	171	220	205	6x19.8	2T								
			R	DRUM	**CD1023**	3457600	330	150	160	219	205	6x19.5	2T								
S75.90			F	DRUM	**CD1028**	38172900	330	110	160	198	205	6x19.5	2T							LH/94/2	
			F	DRUM	**CD1029**	5430031835	330	141	160	194	205	6x19.5	2T							LH/94/2	
			R	DRUM	**CD1019**	5430030560	330	150	171	220	205	6x19.8	2T								
			R	DRUM	**CD1023**	3457600	330	150	160	219	205	6x19.5	2T								
Dodge (USA)							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Sprinter 2500	2007		F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP192		WL065					

WINNARD			Position			X-Ref															
Model	**From**	**To**		**Type**	**Winnard**	**Cross Reference numbers and notes**	**Disc and Drum Dimensions**							**Standard**	**Stage 2**	**W/Lead**	**W/Lead***	**F/Kit**	**F/Kit***	**Lining**	**Lined Shoe Kit**
			R	DISC	**MNE1110**	24.0116-0121.1, 24011601211, 2E0615601A, A9064200083 (OE NUMBER WITH PADS WP190), A9064230012, A9104230000	298	16	85	71	130	6x15	S/D 1CB	WP190		WL065					
Ebro							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
L60 - L80	1992		R	DRUM	**NIS1010**	06002320	308	114	161	161	205	6x21	2T1CS								
Enterprise Bus							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Plasma	2005		F	DISC	**PL1001**	270-70, 270.70, 270.70-3140-008, S084930	330	34	157	117	180	6x12.6									
			F	DISC	**PL1003**	270.79, 2RABS6H	335	34	157	118.7	182	12x12.6									
			F	DISC	**PL1005**	270.80, 270.80-3140-008, 2RABS7H	330	34	157	118.7	182	12x12.6		WP1279		WL023					
			R	DISC	**PL1002**	2RABS5H, 360-74, 360.74, 360.74-3340-008, S343871	335	34	164	127	188	12xM12									
			R	DISC	**PL1004**	2RABS9H, 360.05, 360.05-3340-008	330	34	164	127	188	12xM12									
ERF							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
A Series	1974	1980	F	DRUM	**ER1023**	32051, 33529	394	187	280	229	335	10x23.5	1CS2T							GG/92/1	
			F	DRUM	**DE1006**	33637, 609847 4, 609847/4, 6863526/4, 6863526/7	394	187	280	240	335	10x24	1CS2T							GG/92/1	
			R	DRUM	**ER1020**	36688	394	213	280	273	335	10x32	5CB2T							GG/142/1	
			R	DRUM	**ER1028**	36005	394	216	280	268	335	10x32	2T							GG/142/1	
			R	DRUM	**ER1018**	32656	394	219	282.575	267	335	10x32	5CB3T							GG/142/1	
B Series	1975	1983	F	DRUM	**ER1001**	92013/13, 93013/13	394	191	281	235	335	10x24	2CB4T							GG/83/1	
			F	DRUM	**ER1002**	7813/88, 92328/6	394	187	281	240	335	10x26	1CS1CB4T							GG/92/1	
			R	DRUM	**ER1019**	91620	394	219	282	267	335	10x24	5CB3T							GG/142/1	
			R	DRUM	**ER1029**	30038	394	191	280	238	335	10x32	2T							GG/92/1	
			R	DRUM	**ER1018**	32656	394	219	282.575	267	335	10x32	5CB3T							GG/142/1	
			R	DRUM	**ER1003**	93662/9	394	213	281	273	335	10x26	1CB2T							CS/64/1 PSV	
C Series	1982	1986	F	DRUM	**ER1002**	7813/88, 92328/6	394	187	281	240	335	10x26	1CS1CB4T							GG/92/1	
			F	DRUM	**ER1006**	096417 1, 096417-1, 96417/1	394	216	281	254	335	10x26	1CS4T								
			F	DRUM	**ER1006**	096417 1, 096417-1, 96417/1	394	216	281	254	335	10x26	1CS4T							GG/142/1	
			R	DRUM	**ER1007**	096916, 96916, 97807/1	394	222	281	273	335	10x23.5	4T							GG/142/1	
			R	DRUM	**ER1007**	096916, 96916, 97807/1	394	222	281	273	335	10x23.5	4T								
			R	DRUM	**ER1008**	130330/4, 130383/1, 98136	394	214	285	257	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**ER1008**	130330/4, 130383/1, 98136	394	214	285	257	335	10x23	2CS2T								
			R	DRUM	**BE1023**	92320/5	394	214	282.575	265	335	10x26.5								GG/142/1	
			R	DRUM	**BE1023**	92320/5	394	214	282.575	265	335	10x26.5									
			R	DRUM	**ER1021**	93252/6	394	222	281	267	335	10x23.5	4T							GG/142/1	
			R	DRUM	**ER1021**	93252/6	394	222	281	267	335	10x23.5	4T								
			R	DRUM	**ER1003**	93662/9	394	213	281	273	335	10x26	1CB2T								
CP Series	1984		F	DRUM	**ER1002**	7813/88, 92328/6	394	187	281	240	335	10x26	1CS1CB4T							GG/92/1	
			F	DRUM	**ER1002**	7813/88, 92328/6	394	187	281	240	335	10x26	1CS1CB4T							CS/68/2 PSV	
			F	DRUM	**ER1006**	096417 1, 096417-1, 96417/1	394	216	281	254	335	10x26	1CS4T								
			F	DRUM	**ER1006**	096417 1, 096417-1, 96417/1	394	216	281	254	335	10x26	1CS4T							GG/142/1	
			R	DRUM	**ER1007**	096916, 96916, 97807/1	394	222	281	273	335	10x23.5	4T								
			R	DRUM	**ER1007**	096916, 96916, 97807/1	394	222	281	273	335	10x23.5	4T							GG/142/1	
			R	DRUM	**ER1008**	130330/4, 130383/1, 98136	394	214	285	257	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**ER1008**	130330/4, 130383/1, 98136	394	214	285	257	335	10x23	2CS2T								
			R	DRUM	**BE1023**	92320/5	394	214	282.575	265	335	10x26.5								GG/142/1	
			R	DRUM	**BE1023**	92320/5	394	214	282.575	265	335	10x26.5									
			R	DRUM	**ER1021**	93252/6	394	222	281	267	335	10x23.5	4T							GG/142/1	
			R	DRUM	**ER1021**	93252/6	394	222	281	267	335	10x23.5	4T								

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**ER1003**	93662/9	394	213	281	273	335	10x26	1CB2T								
			R	DRUM	**ER1003**	93662/9	394	213	281	273	335	10x26	1CB2T							GG/142/1	
E Series 1986 - 1990 Kirkstall Axle	1986	1990	F	DRUM	**ER1002**	7813/88, 92328/6	394	187	281	240	335	10x26	1CS1CB4T							CS/68/2 PSV	
			F	DRUM	**ER1006**	096417 1, 096417-1, 96417/1	394	216	281	254	335	10x26	1CS4T								
			R	DRUM	**ER1007**	096916, 96916, 97807/1	394	222	281	273	335	10x23.5	4T								
			R	DRUM	**ER1008**	130330/4, 130383/1, 98136	394	214	285	257	335	10x23	2CS2T								
			R	DRUM	**BE1023**	92320/5	394	214	282.575	265	335	10x26.5									
			R	DRUM	**ER1021**	93252/6	394	222	281	267	335	10x23.5	4T								
E Series 1986 - 1990 Lucas Brake			F	DRUM	**ER1002**	7813/88, 92328/6	394	187	281	240	335	10x26	1CS1CB4T							GG/92/1	
			F	DRUM	**ER1006**	096417 1, 096417-1, 96417/1	394	216	281	254	335	10x26	1CS4T							GG/142/1	
			R	DRUM	**ER1007**	096916, 96916, 97807/1	394	222	281	273	335	10x23.5	4T							GG/142/1	
			R	DRUM	**ER1008**	130330/4, 130383/1, 98136	394	214	285	257	335	10x23	2CS2T							GG/142/1	
			R	DRUM	**ER1010**	97189/2	394	195	281	244	335	10x24	4T							GG/92/1	
			R	DRUM	**BE1023**	92320/5	394	214	282.575	265	335	10x26.5								GG/142/1	
			R	DRUM	**ER1021**	93252/6	394	222	281	267	335	10x23.5	4T							GG/142/1	
E Series 1991 - Narrow Track	1991		F	DRUM	**ER1038**	137839														VL/87/2	
			F	DRUM	**ER1038**	137839														VL/88/2	
			R	DRUM	**ER1016**	131931-9, 131931/9, 136254-7, 136254/7, 142033-2, 142033/2	410	207	285	268	335	10x23.5	2CS2T							VL/87/2	
			R	DRUM	**ER1016**	131931-9, 131931/9, 136254-7, 136254/7, 142033-2, 142033/2	410	207	285	268	335	10x23.5	2CS2T							VL/88/2	
E Series 1991 - With 7" VL type brake linings	1986		F	DRUM	**ER1002**	7813/88, 92328/6	394	187	281	240	335	10x26	1CS1CB4T							GG/92/1	
	1991		F	DRUM	**ER1013**	132020/8, F4362/88	410	220	281	266	335	10x26	1CS4T							VL/87/2	
	1986		R	DRUM	**ER1010**	97189/2	394	195	281	244	335	10x24	4T							GG/92/1	
	1991		R	DRUM	**ER1040**	353041	410	212	285	273	335	10x23.5	2CS2T							VL/87/2	
			R	DRUM	**ER1016**	131931-9, 131931/9, 136254-7, 136254/7, 142033-2, 142033/2	410	207	285	268	335	10x23.5	2CS2T							VL/87/2	
			R	DRUM	**ER1046**	304364-4, 304364/4	335	215	222	270	275	8x23.5								YK/13/1	
E Series 1991 - With 8" VL type brake linings			F	DRUM	**ER1015**	136327-2, 136327/2, 1363272, 142036/1, 303135, 303135-0	410	208	285	253	335	10x23.5	2CS2T							VL/88/2	
			F	DRUM	**ER1013**	132020/8, F4362/88	410	220	281	266	335	10x26	1CS4T							VL/88/2	
			R	DRUM	**ER1040**	353041	410	212	285	273	335	10x23.5	2CS2T							VL/88/2	
			R	DRUM	**ER1016**	131931-9, 131931/9, 136254-7, 136254/7, 142033-2, 142033/2	410	207	285	268	335	10x23.5	2CS2T							VL/88/2	
			R	DRUM	**ER1046**	304364-4, 304364/4	335	215	222	270	275	8x23.5								YK/13/1	
E Series 1991 - With RW type brake linings			F	DRUM	**ER1015**	136327-2, 136327/2, 1363272, 142036/1, 303135, 303135-0	410	208	285	253	335	10x23.5	2CS2T							RW/29/2	
			R	DRUM	**ER1016**	131931-9, 131931/9, 136254-7, 136254/7, 142033-2, 142033/2	410	207	285	268	335	10x23.5	2CS2T							RW/29/2	
			R	DRUM	**ER1046**	304364-4, 304364/4	335	215	222	270	275	8x23.5								YK/13/1	
E Series ECL, ECM, ECS, ECT, ECX - D 3 Caliper Brake	1999		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2			WA208-1			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2			WA208-1			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
E Series ECL, ECM, ECS, ECT, ECX - D Elsa 2 Caliper Brake			F	DISC	**ER1049**	68323754	434	45	210	145.5	240	12xM16		WP1404	WP1404S2	WL027		WA208			
			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL027		WA208			
			R	DISC	**ER1045**	306815/8, 68323570, 68323826	435	45	210	150	240	12xM16		WP1404	WP1404S2	WL027		WA208			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP1404	WP1404S2	WL027		WA208			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL027		WA208			
E Series ECL, ECM, ECS, ECT, ECX - Knorr Caliper Brake	2003		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP988	WP988S2			WA230			
			T	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329				WA231			
EP6 - Turkish Build	2000		F	DRUM	**ER1044**	205702-8, 205702/8	410	201	285	259	335	10x28	2CB3T							VL/88/2	
			F	DRUM	**ER1044**	205702-8, 205702/8	410	201	285	259	335	10x28	2CB3T							VL/87/2	
			R	DRUM	**ER1044**	205702-8, 205702/8	410	201	285	259	335	10x28	2CB3T							VL/88/2	
			R	DRUM	**ER1044**	205702-8, 205702/8	410	201	285	259	335	10x28	2CB3T							VL/87/2	
Esker							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Cimo XL	2007		F	DISC	**MNE1077**	A6754210112, A6864210012, A9754210012, A9754210112, A9754210212, A9754210512	377	45	106	134	138	14x14.5		WP1329				WA231			
			R	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1329				WA231			
Divo Cityliner Eurorider			F	DISC	**IV1050**	93161407	417	28	159	67	186	10x18.5				WL061					
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/24/2	
			R	DISC	**IV1082+**	- WITH KTL COATED STEEL ABS RING, 002995812, 002996328, 007185503, 7189476, I0007189476	431	45	210	138.5 DISC / 154.5 INC ABS RING	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**IV1082**	- WITH CAST ABS TEETH, 002995812, 002996328, 007185503, 7189476, I0007189476	431	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
Divo GT VDL			F	DISC	**DA1058**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5 (Torque Setting 20Nm)		WP988	WP988S2			WA230			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**DA1058**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5 (Torque Setting 20Nm)		WP988	WP988S2			WA230			
Iveco Tourys	2006		F	DISC	**IV1093**	02996122, 2996122, 501121723, 504121723, 5801718330	300	30	83	59	111	9x14.5		WP1126		WL022					
			R	DISC	**IV1095**	02996049, 07186848, 2996049, 46393184, 7186848	306	28	178	132	215	6xM10		WP233		WL074					
Iveco Way			F	DISC	**IV1093**	02996122, 2996122, 501121723, 504121723, 5801718330	300	30	83	59	111	9x14.5		WP1126		WL022					
			R	DISC	**IV1095**	02996049, 07186848, 2996049, 46393184, 7186848	306	28	178	132	215	6xM10		WP233							
Riada GT 616	2001		F	DISC	**MNE1067**	A6684210112, A6684210612, A6694210112, A6694210612	304	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1105**	9054200072, A9054200072	304	30	120	115	192	6xM12		WP501		WL007		WA236			
Riada GT 816			F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1070**	A6684230112	324	30	157	121	192	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1081**	A6684230312, A6684230512	324	30	119	121	192	6xM12		WP501		WL007		WA236			
Touring	1996		F	DISC	**MNE1077**	A6754210112, A6864210012, A9754210012, A9754210112, A9754210212, A9754210512	377	45	106	134	138	14x14.5		WP1329				WA231			
			R	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1329				WA231			
Touring XL	2007		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL017	WL017	WA230	WA231		
Estepe							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
EML - Axle	2010		T	DISC	**MNE1075**	13C33-05572, 13C33-05572AA, 13C3305572AA, A0024204701 kit with pads WP1277, A638421011205, A6864200072 kit with pads WP1277	335	34	91.6	102.5	120	10x14.5		WP1277				WA231			
Pusher Axle > 9t			T	DISC	**MNE1075**	13C33-05572, 13C33-05572AA, 13C3305572AA, A0024204701 kit with pads WP1277, A638421011205, A6864200072 kit with pads WP1277	335	34	91.6	102.5	120	10x14.5		WP1277				WA238			
Steered Axle			T	DISC	**MNE1075**	13C33-05572, 13C33-05572AA, 13C3305572AA, A0024204701 kit with pads WP1277, A638421011205, A6864200072 kit with pads WP1277	335	34	91.6	102.5	120	10x14.5		WP1277				WA238			
Tag Axle > 9t			T	DISC	**MNE1075**	13C33-05572, 13C33-05572AA, 13C3305572AA, A0024204701 kit with pads WP1277, A638421011205, A6864200072 kit with pads WP1277	335	34	91.6	102.5	120	10x14.5		WP1277				WA238			
Fiat							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Ducato 1.9 D, 1.9 TD 1.8 tonne payload	1994	1999	F	DISC	**CIT1008**	1307356080, 1606401680, 4246K2, 4246Y3, 4246Y5, 424935	300	24	80	66	130	5x17.5 + 2x8.7									

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1999	2002	F	DISC	**CIT1008**	1307356080, 1606401680, 4246K2, 4246Y3, 4246Y5, 424935	300	24	80	66	130	5x17.5 + 2x8.7		WP797							
Ducato 1.9 D, 1.9 TD excluding 1.8 tonne payload	1994	1999	F	DISC	**CIT1015**	1300500080, 4246J8, 4246J9	280	18	73	59	118	5x15.7 + 2x8.7									
			F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7								
	1999	2002	F	DISC	**CIT1015**	1300500080, 4246J8, 4246J9	280	18	73	59	118	5x15.7 + 2x8.7		WP797							
			F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7	WP797							
Ducato 2.0 Van, 2.0 JTD 1.8 tonne payload	2002	2005	F	DISC	**CIT1008**	1307356080, 1606401680, 4246K2, 4246Y3, 4246Y5, 424935	300	24	80	66	130	5x17.5 + 2x8.7		WP919							
			R	DISC	**CIT1014**	1341047080, 1606401780, 1607880580, 1618863480, 4246Z1, 4246Z3	280	16	79	82	130	5x17.7	5x8.8	WP921							
Ducato 2.0 Van, 2.0 JTD excluding 1.8 tonne payload	1994	1995	F	DISC	**CIT1015**	1300500080, 4246J8, 4246J9	280	18	73	59	118	5x15.7 + 2x8.7									
			F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7								
	2002	2005	F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7	WP917							
			R	DISC	**CIT1013**	00004246Y7, 00004246Y7, 1341046080, 1606306680, 1606306680, 422835	280	16	72	82	118	5x15.6	5x8.8	WP921							
Ducato 2.2 D, 2.3D, 3.0 D Multijet van 1.1 tonne payload	2006		F	DISC	**CIT1006**	16 078 721 80, 16 124 351 80, 16 124 352 80, 4249.K2, 424928, 424929	280	28	73	70	118	5x15.5	5x8.7	WP468							
			R	DISC	**CIT1007**	424930, 424931, 51740245, 51749274	280	16	72	80	118	5x15.5	5x8.7	WP465							
Ducato 2.2 D, 2.3D, 3.0 D Multijet van 1.4 tonne payload			F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7	WP468							
			R	DISC	**CIT1007**	424930, 424931, 51740245, 51749274	280	16	72	80	118	5x15.5	5x8.7	WP465							
Ducato 2.2 D, 2.3D, 3.0 D Multijet van 1.7 tonne payload			F	DISC	**CIT1008**	1307356080, 1606401680, 4246K2, 4246Y3, 4246Y5, 424935	300	24	80	66	130	5x17.5 + 2x8.7		WP466							
			R	DISC	**CIT1009**	424939, 424940, 51856411	280	16	79	80	130	5x17.5	5x8.7	WP465							
Ducato 2.2 D, 2.3D, 3.0 D Multijet van 2.0 tonne payload			F	DISC	**CIT1010**	424937, 424938, 51705758, 51740249, 51957509	300	32	80	74	130	5x17.5	2x8.7	WP466							
			R	DISC	**CIT1011**	1607880680, 1611842180, 1618865380, 424941, 424942, 4249K6	300	16	79	80	130	5x17.5	5x8.7	WP465							
Scudo	1996	2004	F	DISC	**CIT1001**	1309392080, 4246J2, 4246J3	281	26	59	43.5	98	5x16.5									
			F	DISC	**CIT1002**	1316323080, 4246H8, 4246H9	257	20	59	40.5	98	5x16.5									
Foden							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
2000, 3000, 4000 Series	1987		F	DRUM	**FO1008**	2100055000, FG26234/3	419	189	281	241	335	10x26	1CS4T							RW/5/6/4	
			F	DRUM	**FO1009**	FG26235/3	419	189	280	241	335	10x23.5	1CS4T							RW/5/6/4	
			F	DRUM	**FO1012**	Y03283112	419	197	281	264	335	10x26	1CB4T							RW/5/6/4	
			F	DRUM	**FO1020**	Y03250209	394	213	16	257	335	10x26	1CS1CB4T							CS/64/1 PSV	
			R	DRUM	**FO1014**	FG26237/3	419	186	281	255	335	10x23.5	4T							RW/5/6/4	
			R	DRUM	**FO1015**	Y07001702	419	186	285	257	335	10x23.5	2CS2T							RW/5/6/4	
			R	DRUM	**FO1013**	FG26236/1	419	190	281	260	335	10x23.5	4T							RW/5/6/4	
2000, 3000, 4000 Series - Optional 8" (203mm) Linings			F	DRUM	**FO1021**	2100077000	419	210	281	255	335	10x26	1CS4T							RW/1/2/5	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DRUM	**FO1022**	2100070000	419	210	281	276	335	10x26	1CB4T							RW/1/2/5	
			R	DRUM	**FO1011**	Y07058606, Y070586060, YO7058606	419	211	285	270	335	10x23.5	2CS2T							RW/1/2/5	
			R	DRUM	**FO1016**	FG26236/3	419	211	281	272	335	10x23.5	4T							RW/1/2/5	
			R	DRUM	**FO1017**	FG26237/3	419	211	281	267	335	10x23.5	4T							RW/1/2/5	
			R	DRUM	**FO1013**	FG26236/1	419	190	281	260	335	10x23.5	4T							RW/1/2/5	
Alpha 2000, 3000 - 7" (177mm) Linings	1991		F	DRUM	**FO1008**	2100055000, FG26234/3	419	189	281	241	335	10x26	1CS4T							RW/5/6/4	
			F	DRUM	**FO1012**	Y03283112	419	197	281	264	335	10x26	1CB4T							RW/5/6/4	
			R	DRUM	**FO1014**	FG26237/3	419	186	281	255	335	10x23.5	4T							RW/5/6/4	
			R	DRUM	**FO1015**	Y07001702	419	186	285	257	335	10x23.5	2CS2T							RW/5/6/4	
			R	DRUM	**FO1013**	FG26236/1	419	190	281	260	335	10x23.5	4T							RW/5/6/4	
Alpha 2000, 3000 - 8" (203mm) Linings			F	DRUM	**FO1021**	2100077000	419	210	281	255	335	10x26	1CS4T							RW/1/2/5	
			F	DRUM	**FO1022**	2100070000	419	210	281	276	335	10x26	1CB4T							RW/1/2/5	
			R	DRUM	**FO1011**	Y07058606, Y070586060, YO7058606	419	211	285	270	335	10x23.5	2CS2T							RW/1/2/5	
Alpha 2000, 3000 - Brake Discs	2001		F	DISC	**DA1058**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5 (Torque Setting 20Nm)		WP988	WP988S2			WA230			
			R	DISC	**DA1058**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5 (Torque Setting 20Nm)		WP988	WP988S2			WA230			
Fleetmaster	1977	1983	F	DRUM	**FO1003**	02831805, 02865311	419	212	281	256	335	10x32	5CS3T							RW/1/2/5	
			R	DRUM	**FO1003**	02831805, 02865311	419	212	281	256	335	10x32	5CS3T							RW/1/2/5	
Haulmaster - S Cam Brakes			F	DRUM	**FO1002**	02827206, 02865409	419	185	281	229	335	10x32	5CS3T							RW/5/6/4	
			R	DRUM	**FO1002**	02827206, 02865409	419	185	281	229	335	10x32	5CS3T							RW/5/6/4	
Haulmaster - Stopmaster Brakes	1979		F	DRUM	**FO1004**	02852200	381	205	281	248	335	10x32	5CS3T							CW/4/2	
			F	DRUM	**FO1005**	Y03021311	381	216	281	256	335	10x23.5	4T							CW/4/2	
			R	DRUM	**FO1004**	02852200	381	205	281	248	335	10x32	5CS3T							CW/4/2	
			R	DRUM	**FO1005**	Y03021311	381	216	281	256	335	10x23.5	4T							CW/4/2	
Military Applications	1975		F	DRUM	**FO1020**	Y03250209	394	213	16	257	335	10x26	1CS1CB4T							CS/64/1 PSV	
			R	DRUM	**KI1025**	R9156/40A	394	209	281	283	335	10x26	1CB4T							CS/64/1 PSV	
S Models S104, S106, S108	1983	1987	F	DRUM	**FO1008**	2100055000, FG26234/3	419	189	281	241	335	10x26	1CS4T							AX/14/6	
			F	DRUM	**FO1009**	FG26235/3	419	189	280	241	335	10x23.5	1CS4T							AX/14/6	
	1987		F	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523							
			F	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523							
		1992	F	DRUM	**FO1008**	2100055000, FG26234/3	419	189	281	241	335	10x26	1CS4T							RW/5/6/4	
			F	DRUM	**FO1009**	FG26235/3	419	189	280	241	335	10x23.5	1CS4T							RW/5/6/4	
	1983	1987	R	DRUM	**FO1014**	FG26237/3	419	186	281	255	335	10x23.5	4T							AX/14/6	
			R	DRUM	**FO1015**	Y07001702	419	186	285	257	335	10x23.5	2CS2T							AX/14/6	
			R	DRUM	**FO1013**	FG26236/1	419	190	281	260	335	10x23.5	4T							AX/14/6	
	1987		R	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523							
			R	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523							
		1992	R	DRUM	**FO1014**	FG26237/3	419	186	281	255	335	10x23.5	4T							RW/5/6/4	
			R	DRUM	**FO1016**	FG26236/3	419	211	281	272	335	10x23.5	4T							RW/1/2/5	
			R	DRUM	**FO1017**	FG26237/3	419	211	281	267	335	10x23.5	4T							RW/1/2/5	
			R	DRUM	**FO1015**	Y07001702	419	186	285	257	335	10x23.5	2CS2T							RW/5/6/4	
			R	DRUM	**FO1013**	FG26236/1	419	190	281	260	335	10x23.5	4T							RW/5/6/4	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Fontenax							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
General Trailer	2000		T	DISC	**FON1001**	2100438	430	45	208	135	235	10xM16		WP988	WP988S2			WA230			
Iveco Axle	1998		T	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2			WA230			
			T	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
Mercedes Axle 19.5" Wheel			T	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1329				WA231			
Mercedes Axle 22.5" Wheel			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
Renault Axle 19.5" Wheel	1999		R	DISC	**RN1037**	5010525015, 5010525362	375	45	222	166	275	8x22.5		WP1136, WP1389				WA214			
Renault Axle 22.5" Wheel	2002		T	DISC	**RN1052**	5010525508	434	45	264	171	335	10x32.7		WP1404	WP1404S2			WA208			
Ford							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
1848T	2017		F	DISC	**TBA DISC**	Part number to be advised															
			R	DISC	**TBA DISC**	Part number to be advised															
Cargo 0608 - 0813	1981	1986	F	DRUM	**FD1012**	1536517	330	114	157	179	205	6x19.8								GG/171/1	
	1987		F	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523				WA233			
	1981	1986	R	DRUM	**FD1006**	1549126	330	140	157	195	205	6x19.8								GG/186/187/1	
			R	DRUM	**FD1010**	1780425, 2000E1126W	308	117	157	143	197	6x11								GG/219/220/1	
			R	DRUM	**FD1031**	1780424	308	94	157	130	197	6x11								GG/182/183/1	
	1987		R	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523				WA233			
Cargo 0907- 1013 Models - 17" wheels	1981		F	DRUM	**FD1029**	6088432	330	144	222	201	275	8x19.8								GG/194/1	
			F	DRUM	**FD1029**	6088432	330	144	222	201	275	8x19.8									
			R	DRUM	**FD1020**	1780426	330	140	222	194	275	8x19.8								GG/186/187/1	
Cargo 0907- 1013 Models - 20" wheels			F		**TBA**	Part number to be advised															
			R	DRUM	**FD1021**	1780427	387	124	222	176	275	8x19.8								GG/157/1	
Cargo 1111 - 1115			F	DRUM	**FD1002**	1405614	394	141	279	219	335	10x19.8								GG/118/1	
			R	DRUM	**FD1021**	1780427	387	124	222	176	275	8x19.8								GG/157/1	
Cargo 1117 - 1414			F	DRUM	**FD1011**	6060698	394	194	279	243	335	10x24.8	4CB							GG/83/1	
			F	DRUM	**FD1015**	6088431	394	170	288	211	335	10x19.8								GG/83/1	
			F	DRUM	**FD1017**	6116774	394	168	288	224	335	10x19.8								GG/83/1	
			R	DRUM	**FD1003**	1502024, 1515169, 6119230	394	191	279	225	335	10x19.8								GG/140/1	
			R	DRUM	**FD1004**	1502026, 6119229	394	140	279	213	335	10x19.8								GG/153/1	
Cargo 1415 - 1517			F	DRUM	**FD1014**	6126495	394	200	281	264	335	10x24.7	4CB							GG/92/1	
			R	DRUM	**FD1004**	1502026, 6119229	394	140	279	213	335	10x19.8								GG/153/1	
Cargo 1520 - 1728			F	DRUM	**FD1014**	6126495	394	200	281	264	335	10x24.7	4CB							CW/11/1	
			R	DRUM	**FD1003**	1502024, 1515169, 6119230	394	191	279	225	335	10x19.8								CW/11/1	
			R	DRUM	**FD1003**	1502024, 1515169, 6119230	394	191	279	225	335	10x19.8								CW/10/1	
Cargo 1824, 1924	1984	1986	F	DRUM	**FD1023**	6126489	394	208	279	250	335	10x19.8								CW/12/1	
			F	DRUM	**FD1024**	6135911	394	248	281	275	335	10x24.7	4CB							CW/12/1	
			R	DRUM	**FD1023**	6126489	394	208	279	250	335	10x19.8								CW/12/1	
			R	DRUM	**FD1024**	6135911	394	248	281	275	335	10x24.7	4CB							CW/12/1	
Cargo 2014, 2015, 2114, 2115	1981		F	DRUM	**FD1017**	6116774	394	168	288	224	335	10x19.8								GG/83/1	
			R	DRUM	**FD1003**	1502024, 1515169, 6119230	394	191	279	225	335	10x19.8								GG/140/1	

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Cargo 2417 - 2424			F	DRUM	**FD1014**	6126495	394	200	281	264	335	10x24.7	4CB							GG/92/1	
			F	DRUM	**FD1014**	6126495	394	200	281	264	335	10x24.7	4CB								
			R	DRUM	**FD1003**	1502024, 1515169, 6119230	394	191	279	225	335	10x19.8								GG/140/1	
Cargo 2517- 3828		1986	F	DRUM	**FD1012**	1536517	330	114	157	179	205	6x19.8								GG/171/1	
	1982		F	DRUM	**FD1014**	6126495	394	200	281	264	335	10x24.7	4CB							CW/11/1	
			F	DRUM	**FD1023**	6126489	394	208	279	250	335	10x19.8								CW/12/1	
			F	DRUM	**FD1024**	6135911	394	248	281	275	335	10x24.7	4CB							CW/12/1	
	1981	1986	R	DRUM	**FD1031**	1780424	308	94	157	130	197	6x11								GG/182/183/1	
	1982		R	DRUM	**FD1003**	1502024, 1515169, 6119230	394	191	279	225	335	10x19.8								CW/11/1	
			R	DRUM	**FD1023**	6126489	394	208	279	250	335	10x19.8								CW/12/1	
			R	DRUM	**FD1024**	6135911	394	248	281	275	335	10x24.7	4CB							CW/12/1	
D Series D0507, D0510, D0513	1972	1981	F	DRUM	**FD1012**	1536517	330	114	157	179	205	6x19.8									
			F		**TBA**	Part number to be advised															
			R	DRUM	**FD1010**	1780425, 2000E1126W	308	117	157	143	197	6x11								GG/219/220/1	
			R	DRUM	**FD1031**	1780424	308	94	157	130	197	6x11									
D Series D0607, D0610, D0613			F	DRUM	**FD1012**	1536517	330	114	157	179	205	6x19.8									
			F		**TBA**	Part number to be advised															
			R	DRUM	**FD1010**	1780425, 2000E1126W	308	117	157	143	197	6x11								GG/219/220/1	
			R	DRUM	**FD1031**	1780424	308	94	157	130	197	6x11									
D Series D0607, D1011		1978	F	DRUM	**FD1012**	1536517	330	114	157	179	205	6x19.8								GG/144/1	
			R	DRUM	**FD1006**	1549126	330	140	157	195	205	6x19.8									
			R	DRUM	**FD1010**	1780425, 2000E1126W	308	117	157	143	197	6x11								GG/184/185/1	
D Series D1010 - 10.5 ton 20" wheels	1978	1981	F	DRUM	**FD1012**	1536517	330	114	157	179	205	6x19.8								GG/144/1	
			R		**TBA**	Part number to be advised														GG/157/1	
D Series D1110, D1113, D1710	1972		F		**TBA**	Part number to be advised															
			R	DRUM	**FD1003**	1502024, 1515169, 6119230	394	191	279	225	335	10x19.8								GG/140/1	
			R	DRUM	**FD1004**	1502026, 6119229	394	140	279	213	335	10x19.8								GG/153/1	
D Series D1210 - D1314			F	DRUM	**FD1009**	1401117, 1576000	394	187	279	206	335	10x19.8								GG/118/1	
			F		**TBA**	Part number to be advised															
			R	DRUM	**FD1003**	1502024, 1515169, 6119230	394	191	279	225	335	10x19.8								GG/140/1	
D Series D1411 - DA2418			F	DRUM	**FD1011**	6060698	394	194	279	243	335	10x24.8	4CB							GG/140/1	
			R	DRUM	**FD1003**	1502024, 1515169, 6119230	394	191	279	225	335	10x19.8								GG/140/1	
			R	DRUM	**FD1005**	1515169	394	178	279	237	335	10x19.8								GG/92/1	
D Series D607 (5.8 ton)	1978		F	DRUM	**FD1012**	1536517	330	114	157	179	205	6x19.8									
			F		**TBA**	Part number to be advised														GG/171/1	
			R	DRUM	**FD1031**	1780424	308	94	157	130	197	6x11								GG/182/183/1	
D Series DT1711, DT2014	1972		F	DRUM	**FD1009**	1401117, 1576000	394	187	279	206	335	10x19.8								GG/118/1	
			F	DRUM	**FD1011**	6060698	394	194	279	243	335	10x24.8	4CB							GG/118/1	
			R	DRUM	**FD1004**	1502026, 6119229	394	140	279	213	335	10x19.8								GG/153/1	
DT2414, 2417, 2418			F		**TBA**	Part number to be advised															
			R	DRUM	**FD1003**	1502024, 1515169, 6119230	394	191	279	225	335	10x19.8								GG/83/1	
	1977	1982	R	DRUM	**FD1003**	1502024, 1515169, 6119230	394	191	279	225	335	10x19.8								GG/140/1	
F-Max	2018		F	DISC	**TBA DISC**	Part number to be advised															
			R	DISC	**TBA DISC**	Part number to be advised															
F53	2007	2009	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
F59	2011	2016	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
F650	2004	2008	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15		WP1032							
	2009	2013	F	DISC	**NAV1007**	10019996, 10020611, 2599937C91, 2599937C92, 9C4Z-1125C								WP1032							
			R	DISC	**NAV1007**	10019996, 10020611, 2599937C91, 2599937C92, 9C4Z-1125C								WP1032							
			R	DISC	**NAV1008**	- 21,000lb axle, 392268, 5623, 88936210	391	39	231.6	193.2	285.75	10x25.4		WP1032							
F750	2004	2008	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15		WP1032							
			F	DISC	**NAV1003**	2594594C1, 3531661C2, 573922C1, 573922C2	381	36.6	137	89	171.45	5x20		WP1032							
	2009	2013	F	DISC	**NAV1007**	10019996, 10020611, 2599937C91, 2599937C92, 9C4Z-1125C								WP1032							
			R	DISC	**NAV1007**	10019996, 10020611, 2599937C91, 2599937C92, 9C4Z-1125C								WP1032							
			R	DISC	**NAV1008**	- 21,000lb axle, 392268, 5623, 88936210	391	39	231.6	193.2	285.75	10x25.4		WP1032							
Tourneo Custom 2.2 TDci	2012		F	DISC	**FD1057**	1763885, 1842994, 1867728, 2110008, 2110010, 2168838	288	33	93	55.5	111.5	5xM10		WP602							
			R	DISC	**FD1056**	1764282, 1764283, 1867715, 2013002, 2021562, 20409102	288	16	119.85	69	160	5xM10		WP603		WL106					
Transit 1973 - 1986	1973	1986	F	DRUM	**FD1025**	6049432	254	70	130	146	170	6x18	1CS								
			F	DISC	**FD1026**	1564842	270	24	78	73	100	5x9									
			F	DISC	**FD1036**	1117075, 1539549, 5022674, 5022677, 6014696, 6166056	270	14.3	78	73	100	5x8T									
			R	DRUM	**FD1025**	6049432	254	70	130	146	170	6x18	1CS								
Transit 14" wheels - up to 1999	1986	1991	F	DISC	**FD1037**	6166055	253	14.5	78	32	100	5x8T									
	1995	1999	F	DISC	**FD1039**	1514234, 5025610, 5029815, 5209815, 6952852, 92VX1125AA	254	24.5	78.5	43	100	5xM10		WP700							
	1986	1991	R	DRUM	**FD1028**	6166059	254	82.5	130	148	170	6x18	1CS								
			R	DRUM	**FD1030**	6167629	229	55	0	85	100	5x13									
	1991	1994	R	DRUM	**FD1035**	6464214	255	58	132	99	165	5x12									
	1995	1999	R	DRUM	**FD1035**	6464214	255	58	132	99	165	5x12									
Transit 15" wheels - up to 1999	1986	1991	F	DISC	**FD1036**	1117075, 1539549, 5022674, 5022677, 6014696, 6166056	270	14.3	78	73	100	5x8T									
	1995	1999	F	DISC	**FD1040**	5025611, 5029816, 92VX1125BA, 95VX1125BA	270	24	78.5	43	100	5xM10		WP701							
	1986	1991	R	DRUM	**FD1028**	6166059	254	82.5	130	148	170	6x18	1CS								
	1991	1994	R	DRUM	**FD1032**	1778308, 6198026, 92VB-1126-BA, 92VB1126BA	279.4	72	142	132	180	6x18									
	1995	1999	R	DRUM	**FD1032**	1778308, 6198026, 92VB-1126-BA, 92VB1126BA	279.4	72	142	132	180	6x18									
Transit 2000 FWD	2000	2005	F	DISC	**FD1043**	1456667, 1456667, 1473008, 1520371, 1568654, 1658654	276	24	82	43	100	5xM10		WP1461							
	2006	2013	F	DISC	**FD1048**	1371394, 1503290, 1547061, 6C11-1125-B1B, 6C11-1125-BB, 6C111125BA	280	28	93	54	112	5xM10		WP142		WL069					
	2014		F	DISC	**FD1057**	1763885, 1842994, 1867728, 2110008, 2110010, 2168838	288	33	93	55.5	111.5	5xM10									
	2000	2005	R	DRUM	**FD1045**	4146930, 4540218	254	60	132	99	160	5x16									
	2006	2013	R	DISC	**FD1049**	0986479389, 1371421, 1387152, 1451161, 2256895, 6C112A097AB	280	16	96	69	160	5xM10		WP1405, WP141		WL070	WL070				

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	2014		R	DISC	**FD1056**	1764282, 1764283, 1867715, 2013002, 2021562, 20409102	288	16	119.85	69	160	5xM10									
Transit 2000 RWD	2000	2005	F	DISC	**FD1042**	1387781, 1388871, 1568640, 1738815, 2256041, 4041428	294	24.5	80	43	100	5xM10		WP5167							
	2006	2014	F	DISC	**FD1058**	1543340, 8C1V-1125-AA	300	28	93	54.4	113.5	5xM12		WP140		WL069					
			F	DISC	**FD1050**	1371393, 1503287, 1546747, 2256302, 6C111124AB, 6C111125 AA	300	28	93	54.5	112	5xM10		WP140		WL069					
	2000	2005	R	DRUM	**FD1044**	4078769, 4519396, YC1W1126DC, YC1W1126DD	280	80	118	105	160	5x15.5									
			R	DRUM	**FD1046**	4078770, 4446219	280	76	142	132	180	6x15.5									
	2006	2014	R	DISC	**FD1051**	1371420, 1464031, 2262937, 6C112A315AA, 6C112A315AB	280	16	107.5	16	124	10x10.7		WP1405, WP141		WL084					
			R	DISC	**FD1063**	1488311, 8C1V2A315AA	284	16	107.1	43.9	124	10x10.7		WP1405, WP141							
Transit CONNECT	2002		F	DISC	**FD1047**	1361298, 2T141125CA, 2T141125CB, 2T141125CC, 2T141125EA, 2T141125EB	277	24	63	44	108	5x13.5		WP440							
			R	DISC	**FD1052**	1362867, 1362868, 2T142A315AA, 2T142A315AB, 2T142A315AC, 2T142A315BA	277.8	11	63.7	53.8	108	5x13.8									
Transit Custom 2.2 TDCi	2012		F	DISC	**FD1057**	1763885, 1842994, 1867728, 2110008, 2110010, 2168838	288	33	93	55.5	111.5	5xM10		WP602							
			R	DISC	**FD1056**	1764282, 1764283, 1867715, 2013002, 2021562, 20409102	288	16	119.85	69	160	5xM10		WP603		WL106					
Transit NEW 2014 - Single Rear Wheels	2014		F	DISC	**FD1059**	1763884, 1842633, 1867729, 2110014, 2110200, 2256034	308	33	93	55.5	111.5	5xM10 x1.5		WP602							
			R	DISC	**FD1061**	1815599, 1J0615301, 1K0615301AA, 1K0615301AK, 1K0615301T, 1K0615601AA	308	16	122.45	25.5	150	5xM12 x 1.75		WP603							
			R	DISC	**FD1064**	1764282, 1783910, 2040064, BK21-2A097-AA, BK21-2A097-AB, BK21-2A097-EA	308	16	119.85	69	160	5xM10		WP603							
Transit NEW 2014 - Twin Rear Wheels			F	DISC	**FD1060**	1812200, 1822205, 2226523, 2527117, BK311125AB, BK311125AB	308	31	93	61	113.5	5xM12 x 1.5		WP634							
			R	DISC	**FD1062**	1815600, 2226521, 2527114, BK312A315BD, KK312A315BA	308	18	122.45	22	148	6x13.5		WP603		WL106					
			R	DISC	**FD1064**	1764282, 1783910, 2040064, BK21-2A097-AA, BK21-2A097-AB, BK21-2A097-EA	308	16	119.85	69	160	5xM10		WP603		WL106					
Ford PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
R1010, R1011, R1111	1971	1982	F	DRUM	**FD1009**	1401117, 1576000	394	187	279	206	335	10x19.8								GG/118/1	
			R	DRUM	**FD1003**	1502024, 1515169, 6119230	394	191	279	225	335	10x19.8								GG/140/1	
R1114, R1115	1977		F	DRUM	**FD1009**	1401117, 1576000	394	187	279	206	335	10x19.8								GG/83/1	
			F	DRUM	**FD1015**	6088431	394	170	288	211	335	10x19.8								GG/83/1	
Freightliner							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Century	2010		F	DISC	**BEN1001**	802081 BXW, 802081BXW, K000758, K038573	430	45	220	138.2	249.5	10x5/8"		WP132				WA230			
			R	DISC	**BEN1001**	802081 BXW, 802081BXW, K000758, K038573	430	45	220	138.2	249.5	10x5/8"		WP132				WA230			
Columbia			F	DISC	**BEN1001**	802081 BXW, 802081BXW, K000758, K038573	430	45	220	138.2	249.5	10x5/8"		WP132				WA230			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**BEN1001**	802081 BXW, 802081BXW, K000758, K038573	430	45	220	138.2	249.5	10x5/8"		WP132				WA230			
FL50, FL60, FL70	1998	2004	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
FS65	1997	2006	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
			F	DISC	**NAV1003**	2594594C1, 3531661C2, 573922C1, 573922C2	381	36.6	137	89	171.45	5x20									
M2 106	2003	2013	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
			F	DISC	**NAV1003**	2594594C1, 3531661C2, 573922C1, 573922C2	381	36.6	137	89	171.45	5x20									
MB60, MB70	1992	1994	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
			F	DISC	**NAV1003**	2594594C1, 3531661C2, 573922C1, 573922C2	381	36.6	137	89	171.45	5x20									
MT35	2006	2009	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
MT45		2011	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
MT55	1999		F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
Sprinter 2500	2010		F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP192		WL065					
			R	DISC	**MNE1110**	24.0116-0121.1, 24011601211, 2E0615601A, A9064200083 (OE NUMBER WITH PADS WP190), A9064230012, A9104230000	298	16	85	71	130	6x15	S/D 1CB	WP190		WL065					
Frenelsa							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Trailer	1980		T	DRUM	**FRE1001**	70010, 904104	420	208	290	258	335	10x26.75	3T 3CB								
Fruehauf							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
311 x 127	1985		T		**TBA**	Part number to be advised														MQ/1/2/3	
311 x 203 P75	1980		T	DRUM	**CF1021**	85247, A2104212412, A23198, A23198000, AJA0651001, M006840	311	214	208	286.5	245	6x19.6	2CB							FU/17/18/1	WBSK0031/4
311 x 203 SMB Axle C3-11/65	1985		T	DRUM	**CF1006**	AJA0650001, M006867, MO 06867, MO06867	311	215	178	300	225	10x26.5	2CB2T							FU/17/18/1	WBSK0031/4
350 x 200			T	DRUM	**CF1011**	1024616	350	210	183	264	225	10x24.5								RW/21/22/1	
360 x 200 SMB C5			T	DRUM	**CF1018**	0876875, 103845, 449289, AJB0903, AM009740S, CF103845	360	215	230	266	275	8x26.75	2CB2T							BC/120/121/1	
394 x 153			T		**TBA**	Part number to be advised														GG/83/1	
419 x 178 Knock in studs			T	DRUM	**CF1013**	1004267, 1004746	419	200	283	248	335	10x24.25									
419 x 178 Propar PSL			T	DRUM	**CF1001**	1014079, A-JA0489-001, A-JA0489-002, AJA0489001, AJA0489002, AJA595001	419	189	288	271	335	10x26.6	2CBT							FT/11/12/1	WBSK0005
			T	DRUM	**CF1003**	1018444, 1022676, A3146800, AJB0026001, AJB0335001, CF100426	419	191	288	229	335	10x26.6	2CBT							FT/11/12/1	WBSK0005
419 x 178 SMB C2-10			T	DRUM	**CF1007**	449555, 449628, 7000097Y, AJB0465001, M006166, MO 06166	419	202	288	244	335	10x26.5	2CB2T							FT/11/12/1	WBSK0005
419 x 203 Propar			T	DRUM	**CF1002**	1001024	419	225	283	281	335	10x24								RW/1/2/3	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
419 x 203 SMB C1			T	DRUM	**CF1008**	7000008S, 7000008S, 7000085S, 7000085S, AJB0465002, CF103034	419	214	288	256	335	10x26.5	2CB2T							FT/6/7/1	WBSK0006
419 x 203 SMB L1			T	DRUM	**CF1017**	M0 685445X, M0068445, M068445, M0685445X, MO 685445X, MO685445X	419	212	280	237	335	10x26.5								FT/6/7/1	WBSK0006
419 x 219	1980		T	DRUM	**CF1020**	89723, A26740, A2674000	419	248	371	265	398	24x13.5									WBSK0005
Brake Discs - Haldex DB20	1996		T	DISC	**SMB1002**	09852610, 13162025, 449445, 700000442, 7424990246, CF103696	430	45	280	155	335	10x26.5		WP1367		WL017		WA247			
Brake Discs - Knorr SB6000			T	DISC	**SMB1001**	70M078157, 79787319-01, 79787319/01, 79787412, KHITCH BC8433, M078157	377	45	169	138.5	196	8xM14		WP1329				WA231			
Brake Discs - Knorr SB7000			T	DISC	**SMB1002**	09852610, 13162025, 449445, 700000442, 7424990246, CF103696	430	45	280	155	335	10x26.5		WP988	WP988S2			WA231			
Brake Discs - Wabco Pan 22 - 1			T	DISC	**SMB1002**	09852610, 13162025, 449445, 700000442, 7424990246, CF103696	430	45	280	155	335	10x26.5		WP139				WA254			
Brake Discs - Wabco Pan19			T	DISC	**SMB1001**	70M078157, 79787319-01, 79787319/01, 79787412, KHITCH BC8433, M078157	377	45	169	138.5	196	8xM14		WP1389				WA223			
Brake Discs - Wabco Pan19 - 1			T	DISC	**SMB1001**	70M078157, 79787319-01, 79787319/01, 79787412, KHITCH BC8433, M078157	377	45	169	138.5	196	8xM14		WP1389				WA223			
Brake Discs - Wabco Pan19 - 1 plus			T	DISC	**SMB1001**	70M078157, 79787319-01, 79787319/01, 79787412, KHITCH BC8433, M078157	377	45	169	138.5	196	8xM14		WP1389				WA223			
Brake Discs - Wabco Pan19 - 2			T	DISC	**SMB1001**	70M078157, 79787319-01, 79787319/01, 79787412, KHITCH BC8433, M078157	377	45	169	138.5	196	8xM14		WP129				WA229			
Brake Discs - Wabco Pan 22			T	DISC	**SMB1002**	09852610, 13162025, 449445, 700000442, 7424990246, CF103696	430	45	280	155	335	10x26.5		WP1366				WA224			
Propar PSL	1980		T	DRUM	**CF1003**	1018444, 1022676, A3146800, AJB0026001, AJB0335001, CF100426	419	191	288	229	335	10x26.6	2CBT							FT/11/12/1	WBSK0005
Fuwa							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
13T	2000		T	DRUM	**FU1001**	CAS1872, Fuwa 13T	419	199	285.75	280.5	335	10x24.5									
			T	DRUM	**FU1004**	3602R1	419	192.5	282	246.5	335	10x23									
16T			T	DRUM	**FU1002**	F2061B11, F2061BII, F2461B11, F2461BII, FUWA 16T	419	231	285.75	320.5	335	10x24.5	2xM10								
Khitch KF26 & KK36 - TN Hub - PAN19.1 Brake	2002		T	DISC	**SMB1001**	70M078157, 79787319-01, 79787319/01, 79787412, KHITCH BC8433, M078157	377	45	169	138.5	196	8xM14		WP1389				WA223			
Khitch KF26 & KK36 - Unitised Hub - 10x285 & 10x335 - PAN19.1 Brake			T	DISC	**TW1002**	CT832 WABCO	377.5	45	220	150	249.5	10xM16		WP1389				WA223			
Gigant							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
300 x 100	1980		T	DRUM	**SAE1011**	09380041, 1602389, 709380041, 9380041	300	115	165	144	205	6x20.5								15898	
	2017		T	DRUM	**SAE1019**	709380042, 9380042	300	113	160	145	205	6x21	2xM12							15898	
300 x 200	1980		T	DRUM	**BP1006**	0310546200, 0310946400	300	212	190	295	225	10x23									
			T	DRUM	**BP1009**	0310546290, 0310946490, 09380005, 9380005	300	209	190	261	225	10x23									
			T	DRUM	**SAE1008**	030908128030, 09380037, 709380037, 9380037, ADR 66LMM1R01, G3020 300 x 200	300	218	180	260	225	10x26.5	2T					WA276			WBSK0016/4

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
305 x 80			T	DRUM	**DU1012**	707401015, 7401015	305	85	160	125	205	6x20.5									
305 x 125			T	DRUM	**DU1011**	48337, 5902007, 590207, 865000R	305	135	160	180	205	6x21									
305 x 150			T	DRUM	**DU1003**	07305038, 2301002, 7305038, 730538, Y00002300, Y00002366	305	160	176	234	225	10x26.5	2CS2T							SA/36/37/1	
	2000		T	DRUM	**SAE1020**	0680173, 123 1000N, 13809380066, 680173, 9380066	305	160	160	206	205	6x21	2xM12x1.75							SA/36/37/1	
			T	DRUM	**SAE1021**	711221	305	182	210	206.5	245	6x21								SA/36/37/1	
305 x 200	1980		T	DRUM	**CO1002**	50375, 5049, 707303097, 7303097, 730397, Y00000227	305	214	176	286	225	10x26.5	2CS2T							LZ/2/3/1	WBSK0032/4
			T	DRUM	**DU1001**	07901060, 7901060, 790160	305	210	176	256	225	10x26								LZ/2/3/1	WBSK0032/4
			T	DRUM	**SAE1017**	06812028, 1143000, 1143000S, 681228	305	210	185	256.2	225	10x23								LZ/2/3/1	WBSK0032/4
355 x 150 3515			T	DRUM	**DU1002**	08702035, 1440 055, 1440-055, 2179193, 708702035, 8702035	355	156	225	215	275	8x26	2xM12 x 1.75							LZ/4/5/1	WBSK0049
			T	DRUM	**DU1005**	7012057	356	160	240	206	275	8x21								LZ/4/5/1	WBSK0049
355 x 150 S3515			T	DRUM	**DU1002**	08702035, 1440 055, 1440-055, 2179193, 708702035, 8702035	355	156	225	215	275	8x26	2xM12 x 1.75							LZ/4/5/1	WBSK0045
			T	DRUM	**DU1005**	7012057	356	160	240	206	275	8x21								LZ/4/5/1	WBSK0045
356 x 200			T	DRUM	**DU1004**	08707105, 8707105, S3520 7404	355	208	175	275	225	10x26								SJ/26/27/1	
360 x 200			T	DRUM	**BP1011**	0310590040, 0310990240	360	208	190	264	225	10x23								BC/100/101/1	
			T	DRUM	**BP1013**	BPW 0310590020, BPW 0310990220, GIGANT 09380018	360	205	230	264	275	8x23								BC/100/101/1	
360 x 200 GEZKH2	2015		T	DRUM	**SAE1022**	709380061, 9380061	360	217	225	261.5	275	8x26.5	2xM12								
360 x 200 GKH2 10510 3620	2006		T	DRUM	**SAE1026**	09380062, 709380062, 9380062	360	214	180	281.5	225	10x26.5	2 THREADED								WBSK0050
420 x 180	1980		T	DRUM	**DU1008**	09380055, 709380055, 9380055	420	186	285	249	335	10x26.5								BC/98/1	
	2020		T	DRUM	**VAL1003**	50590001, GIGANT 703011945 (DOUBLE CHECK DIMENSIONS), KRONE 550020256, N1008658	420	181	290	216	335	10x23.5									WBSK0055
420 x 200 GEV4	2008		T	DRUM	**SAE1018**	709380053, 9380053	420	224	285	307	335	10x26.5									
420 x 200 S4220 S4420	1980		T	DRUM	**DU1006**	50360, 681250, 7501, 7501109	420	206	280	242	335	10x23								BC/97/1	
			T	DRUM	**DU1007**	08406044, 50382, 8406044, Y01100255	420	207	285	260	335	10x26.5	2T								
			T	DRUM	**DU1009**	709380016, 9380016	420	210	285	271	335	10x26.5								BC/97/1	WBSK0002
Brake Discs - 335 x 34 for 17.5" Wheels - Knorr SB5000	1999		T	DISC	**SAE1006**	709267037, 709267038, 9267-037, 9267-038, 9267037, 9267038	335	34	165	140	205	6x21	ABS	WP1277				WA238			
Brake Discs - 335 x 34 for 17.5" Wheels - Knorr SB5000 with ABS location			T	DISC	**SAE1006**	709267037, 709267038, 9267-037, 9267-038, 9267037, 9267038	335	34	165	140	205	6x21	ABS	WP1277				WA238			
Brake Discs - 377 x 45 for 19.5" Wheels - Haldex DB19	2000		T	DISC	**BP1024**	BPW 03.002.24.09.3, BPW 03.088.34.02.0, BPW 03.088.34.04.0, BPW 03.088.34.04.7, BPW 03.088.34.06.0, BPW 03.088.34.06.7	377	45	290	160	335	10x23	5T	WP119		WL082		WA247			
Brake Discs - 377 x 45 for 19.5" Wheels - Haldex Modul X DSH7	2018		T	DISC	**SAE1015**	09267-088, 09267088, 9267-088, 9267088	377	45	220	159.5	275	8x26.5		WP119		WL082		WA247			
			T	DISC	**SAE1023**	- WITH CAST ABS TEETH, 709267090, 9267-090, 9267090, Y00018800	376	45	220	159.5	275	8x26.5		WP119		WL082		WA247			
Brake Discs - 377 x 45 for 19.5" Wheels - Haldex SBS1918	2019		T	DISC	**SAE1027**	719001054	377	45	280	165	335	10x26.5		WP1581							

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Brake Discs - 377 x 45 for 19.5" Wheels - Knorr SB6000 Caliper	2000		T	DISC	**BP1024**	BPW 03.002.24.09.3, BPW 03.088.34.02.0, BPW 03.088.34.04.0, BPW 03.088.34.04.7, BPW 03.088.34.06.0, BPW 03.088.34.06.7	377	45	290	160	335	10x23	5T	WP1329				WA231			
	2018		T	DISC	**SAE1015**	09267-088, 09267088, 9267-088, 9267088	377	45	220	159.5	275	8x26.5		WP1329				WA231			
Brake Discs - 377 x 45 for 19.5" Wheels - Wabco Pan19 Caliper	2000		T	DISC	**BP1024**	BPW 03.002.24.09.3, BPW 03.088.34.02.0, BPW 03.088.34.04.0, BPW 03.088.34.04.7, BPW 03.088.34.06.0, BPW 03.088.34.06.7	377	45	290	160	335	10x23	5T	WP1389				WA223			
Brake Discs - 430 x 45 for 22.5" Wheels - Haldex DB20 - ABS built into disc	1999		T	DISC	**SAE1005**	09267-066, 09267066, 09267066, 709267066	430	45	290	160	335	10x23		WP1367		WL017		WA247			
Brake Discs - 430 x 45 for 22.5" Wheels - Haldex DB20 no ABS location			T	DISC	**SAE1014**	09267086, 700000442, 709267086, 9267086, KRONE 550012742	430	45	280	155	335	10x26.5		WP1367		WL017		WA247			
			T	DISC	**SAE1002**	9267-023, 9267023	430	45	290	160	335	10x23		WP1367		WL017		WA247			
			T	DISC	**SAE1004**	09267021, 09267035, 709267021, 709267023, 709267035, 9267035	430	45	290	159.5	335	10x23		WP1367		WL017		WA247			
Brake Discs - 430 x 45 for 22.5" Wheels - Knorr SB7000 - ABS built into disc			T	DISC	**SAE1005**	09267-066, 09267066, 09267066, 709267066	430	45	290	160	335	10x23		WP988	WP988S2			WA230			
Brake Discs - 430 x 45 for 22.5" Wheels - Knorr SB7000 no ABS location			T	DISC	**SAE1014**	09267086, 700000442, 709267086, 9267086, KRONE 550012742	430	45	280	155	335	10x26.5		WP988	WP988S2			WA230			
			T	DISC	**SAE1002**	9267-023, 9267023	430	45	290	160	335	10x23		WP988	WP988S2			WA230			
			T	DISC	**SAE1004**	09267021, 09267035, 709267021, 709267023, 709267035, 9267035	430	45	290	159.5	335	10x23		WP988	WP988S2			WA230			
Brake Discs - 430 x 45 for 22.5" Wheels - Wabco Pan22 - ABS built into disc			T	DISC	**SAE1005**	09267-066, 09267066, 09267066, 709267066	430	45	290	160	335	10x23		WP139				WA254			
Brake Discs - 430 x 45 for 22.5" Wheels - Wabco Pan22 no ABS location			T	DISC	**SAE1014**	09267086, 700000442, 709267086, 9267086, KRONE 550012742	430	45	280	155	335	10x26.5		WP139				WA254			
			T	DISC	**SAE1002**	9267-023, 9267023	430	45	290	160	335	10x23		WP139				WA254			
			T	DISC	**SAE1004**	09267021, 09267035, 709267021, 709267023, 709267035, 9267035	430	45	290	159.5	335	10x23		WP139				WA254			
Ginaf							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
10 x 8	1996		F	DRUM	**SO1001**	72011037	410	208	290	260	335	10x26	3CS3T								
			R	DRUM	**DA1014**	0360559, 0365579, 4501585	420	214	285	286	335	10x24	2CB2T							DF/32/33/1	
410 x 200 Diameter Brake	2000		R	DRUM	**SI1007**	1463117910	410	218.5	285	283	335	10x26	2 x M12								
GMC							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
C6500	2003	2008	F	DISC	**NAV1005**	123557, 353883, 42045409, 88936204, RC4414557	390.5	39	152.5	86.5	184.11	10 x 15.3		WP1032							
			R	DISC	**NAV1005**	123557, 353883, 42045409, 88936204, RC4414557	390.5	39	152.5	86.5	184.11	10 x 15.3		WP1032							
			R	DISC	**NAV1008**	- 21,000lb axle, 392268, 5623, 88936210	391	39	231.6	193.2	285.75	10x25.4		WP1032							
C7500	1990	2002	F	DISC	**NAV1005**	123557, 353883, 42045409, 88936204, RC4414557	390.5	39	152.5	86.5	184.11	10 x 15.3		WP1032							
			R	DISC	**NAV1005**	123557, 353883, 42045409, 88936204, RC4414557	390.5	39	152.5	86.5	184.11	10 x 15.3		WP1032							

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Golden Dragon							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
XML6145J23	2009		F	DISC	**GD1001**	XML6145SJ23	430	45	203	132.5	238	10xM16									
			R	DISC	**GD1001**	XML6145SJ23	430	45	203	132.5	238	10xM16									
			T	DISC	**GD1001**	XML6145SJ23	430	45	203	132.5	238	10xM16									
Goldhofer							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
BPW SB3308	2010		T	DISC	**BP1058**	03.088.33.12.0, 0308833120, 05.088.33.14.0, 0508833140	335	34	160	115	185	10xM16		WP1277				WA231			
Granning							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
335 x 200	1998		T	DRUM	**GN1007**	61029	335	229	183	270	225	10x24	6T							YK/12/1	
419 x 178 100 Series			T	DRUM	**GN1002**	61240	419	200	282.5	248	335	10x24						WA292		IL/66/67/3	WBSK0007
419 x 203 100 Series			T	DRUM	**RO1002**	1004733, 21020038, 21021114A, 21021114AV, 21021164, 21023064	419	229	282	271	335	10x24								FU/4/5/3	WBSK0014
420 x 180 100F Series	2015		T	DRUM	**GN1008**	- DRUM IS UNDER DEVLOPMENT ETA JUNE 2024, 61243F	420	180	283	244	335	10x24.5									
Brake Discs - Knorr SB5000 17.5 wheels	2000		T	DISC	**GN1006**	61571	335	34	152	111	177	8xM12		WP1277				WA231			
Brake Discs - Knorr SB6000 19.5" wheels			T	DISC	**GN1004**	61247A, 7978731901, Z002017	377	45	169	139	196	8xM14		WP1329		WL093		WA231	WA238		
Brake Discs - Knorr SB7000 22.5 " wheels			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
Grove Crane							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
410 x 180 Kessler Axle - Linings with 8 rivit fixing	1985		F	DRUM	**KE1007**	40012612, 81.1228.3H, 81.301.03, 813010.1, 81621.3, 9049107908	410	185	300	243	335	10x23	2CB4T							PB/40/1	
			F	DRUM	**KE1016**	12250583, 3170998, 81.254.03, 81.623.1, 81.623.3, 811089.3	410	189	300	268	335	10x23	2CB4T							PB/40/1	
			F	DRUM	**KE1022**	812965.1	410	185	300 - Flange 21mm thick	307	335	10x22.8								PB/40/1	
			F	DRUM	**KE1026**	812965.2	410	187	300 - Flange 9 mm	295	335	10x23								PB/40/1	
			R	DRUM	**KE1007**	40012612, 81.1228.3H, 81.301.03, 813010.1, 81621.3, 9049107908	410	185	300	243	335	10x23	2CB4T							PB/40/1	
			R	DRUM	**KE1016**	12250583, 3170998, 81.254.03, 81.623.1, 81.623.3, 811089.3	410	189	300	268	335	10x23	2CB4T							PB/40/1	
			R	DRUM	**KE1022**	812965.1	410	185	300 - Flange 21mm thick	307	335	10x22.8								PB/40/1	
			R	DRUM	**KE1026**	812965.2	410	187	300 - Flange 9 mm	295	335	10x23								PB/40/1	
410 x 180 Kessler Axle - Linings with 10 rivit fixing			F	DRUM	**KE1007**	40012612, 81.1228.3H, 81.301.03, 813010.1, 81621.3, 9049107908	410	185	300	243	335	10x23	2CB4T							PB/40/2	
			F	DRUM	**KE1016**	12250583, 3170998, 81.254.03, 81.623.1, 81.623.3, 811089.3	410	189	300	268	335	10x23	2CB4T							PB/40/2	
			F	DRUM	**KE1022**	812965.1	410	185	300 - Flange 21mm thick	307	335	10x22.8								PB/40/2	
			F	DRUM	**KE1026**	812965.2	410	187	300 - Flange 9 mm	295	335	10x23								PB/40/2	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**KE1007**	40012612, 81.1228.3H, 81.301.03, 813010.1, 81621.3, 9049107908	410	185	300	243	335	10x23	2CB4T							PB/40/2	
			R	DRUM	**KE1016**	12250583, 3170998, 81.254.03, 81.623.1, 81.623.3, 811089.3	410	189	300	268	335	10x23	2CB4T							PB/40/2	
			R	DRUM	**KE1022**	812965.1	410	185	300 - Flange 21mm thick	307	335	10x22.8								PB/40/2	
			R	DRUM	**KE1026**	812965.2	410	187	300 - Flange 9 mm	295	335	10x23								PB/40/2	
500 x 120 Kessler Axle - With 10 stud drums - Linings with 8 rivit fixing	1995		F	DRUM	**KE1002**	77052900, 81.289.81, 812898.1, 8128981	500	145	300	230	335	10x23	2CB4T							PB/15/1	
			R	DRUM	**KE1002**	77052900, 81.289.81, 812898.1, 8128981	500	145	300	230	335	10x23	2CB4T							PB/15/1	
500 x 120 Kessler Axle - With 10 stud drums - Linings with 10 rivit fixing			F	DRUM	**KE1002**	77052900, 81.289.81, 812898.1, 8128981	500	145	300	230	335	10x23	2CB4T							PB/15/2	
			R	DRUM	**KE1002**	77052900, 81.289.81, 812898.1, 8128981	500	145	300	230	335	10x23	2CB4T							PB/15/2	
500 x 120 Kessler Axle - With 12 stud drums - Megatrack Running Gear - Linings with 8 rivit fixing	1998		F	DRUM	**KE1018**	02315385, 290801, 40024712, 81.486.61, 814866.1, 8148661	500	170	385	223	425	12x23	2CB4T							PB/15/1	
			R	DRUM	**KE1018**	02315385, 290801, 40024712, 81.486.61, 814866.1, 8148661	500	170	385	223	425	12x23	2CB4T							PB/15/1	
500 x 120 Kessler Axle - With 12 stud drums - Megatrack Running Gear - Linings with 10 rivit fixing			F	DRUM	**KE1018**	02315385, 290801, 40024712, 81.486.61, 814866.1, 8148661	500	170	385	223	425	12x23	2CB4T							PB/15/2	
			R	DRUM	**KE1018**	02315385, 290801, 40024712, 81.486.61, 814866.1, 8148661	500	170	385	223	425	12x23	2CB4T							PB/15/2	
500 x 160 Kessler Axle - Hub Dome Cover	1985		F	DRUM	**KE1013**	8122871A	500	164	HUB	192	335	10x23	2CB4T							PB/14/2	
			F	DRUM	**KE1013**	8122871A	500	164	HUB	192	335	10x23	2CB4T							PB/14/1	
			R	DRUM	**KE1013**	8122871A	500	164	HUB	192	335	10x23	2CB4T							PB/14/1	
			R	DRUM	**KE1013**	8122871A	500	164	HUB	192	335	10x23	2CB4T							PB/14/2	
500 x 160 Kessler Axle - With 10 stud drums - Linings with 8 rivit fixing	1995		F	DRUM	**KE1003**	81131.1, 811959.1	500	175	385	230	425	12x23	2CB4T							PB/14/1	
			F	DRUM	**KE1004**	811256.1	500	165	300	250	335	10x23	2CB4T							PB/14/1	
			F	DRUM	**KE1010**	813457.1	500	164	295	192	335	10x23	2CB4T							PB/14/1	
	2000		F	DRUM	**KE1021**	76174173, 81.501.11, 815011.1	500	165	300	266	335	10x23	2CST							PB/14/1	
	1995		R	DRUM	**KE1003**	81131.1, 811959.1	500	175	385	230	425	12x23	2CB4T							PB/14/1	
			R	DRUM	**KE1004**	811256.1	500	165	300	250	335	10x23	2CB4T							PB/14/1	
			R	DRUM	**KE1010**	813457.1	500	164	295	192	335	10x23	2CB4T							PB/14/1	
	2000		R	DRUM	**KE1021**	76174173, 81.501.11, 815011.1	500	165	300	266	335	10x23	2CST							PB/14/1	
500 x 160 Kessler Axle - With 10 stud drums - Linings with 10 rivit fixing	1995		F	DRUM	**KE1003**	81131.1, 811959.1	500	175	385	230	425	12x23	2CB4T							PB/14/2	
			F	DRUM	**KE1004**	811256.1	500	165	300	250	335	10x23	2CB4T							PB/14/2	
			F	DRUM	**KE1010**	813457.1	500	164	295	192	335	10x23	2CB4T							PB/14/2	
	2000		F	DRUM	**KE1021**	76174173, 81.501.11, 815011.1	500	165	300	266	335	10x23	2CST							PB/14/2	
	1995		R	DRUM	**KE1003**	81131.1, 811959.1	500	175	385	230	425	12x23	2CB4T							PB/14/2	
			R	DRUM	**KE1004**	811256.1	500	165	300	250	335	10x23	2CB4T							PB/14/2	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**KE1010**	813457.1	500	164	295	192	335	10x23	2CB4T							PB/14/2	
	2000		R	DRUM	**KE1021**	76174173, 81.501.11, 815011.1	500	165	300	266	335	10x23	2CST							PB/14/2	
500 x 160 Kessler Axle - With 12 stud drums - Megatrack Running Gear- Linings with 8 rivit fixing	1998		F	DRUM	**KE1001**	811980.1	500	165	385	210	425	12x23	2CB4T							PB/14/1	
			F	DRUM	**KE1011**	814441.1, 814523.1	500	165	385	217	425	10x23	2CB4T							PB/14/1	
			F	DRUM	**KE1018**	02315385, 290801, 40024712, 81.486.61, 814866.1, 8148661	500	170	385	223	425	12x23	2CB4T							PB/14/1	
			R	DRUM	**KE1001**	811980.1	500	165	385	210	425	12x23	2CB4T							PB/14/1	
			R	DRUM	**KE1011**	814441.1, 814523.1	500	165	385	217	425	10x23	2CB4T							PB/14/1	
			R	DRUM	**KE1018**	02315385, 290801, 40024712, 81.486.61, 814866.1, 8148661	500	170	385	223	425	12x23	2CB4T							PB/14/1	
500 x 160 Kessler Axle - With 12 stud drums - Megatrack Running Gear - Linings with 10 rivit fixing			F	DRUM	**KE1001**	811980.1	500	165	385	210	425	12x23	2CB4T							PB/14/2	
			F	DRUM	**KE1011**	814441.1, 814523.1	500	165	385	217	425	10x23	2CB4T							PB/14/2	
			F	DRUM	**KE1018**	02315385, 290801, 40024712, 81.486.61, 814866.1, 8148661	500	170	385	223	425	12x23	2CB4T							PB/14/2	
			R	DRUM	**KE1001**	811980.1	500	165	385	210	425	12x23	2CB4T							PB/14/2	
			R	DRUM	**KE1011**	814441.1, 814523.1	500	165	385	217	425	10x23	2CB4T							PB/14/2	
			R	DRUM	**KE1018**	02315385, 290801, 40024712, 81.486.61, 814866.1, 8148661	500	170	385	223	425	12x23	2CB4T							PB/14/2	
500 x 180 Kessler Axle - With 10 stud drums - Linings with 8 rivit fixing	1995		F	DRUM	**KE1005**	1924699, 5702943, 5702957, 71.365.01, 713650.1, 7136501	500	189	300	246	335	10x23	2CB4T							PB/13/1	
			F	DRUM	**KE1009**	570936108, 77113800, 81.297.81, 812978.1	500	185	300	263	335	10x23	2CB4T							PB/13/1	
			R	DRUM	**KE1005**	1924699, 5702943, 5702957, 71.365.01, 713650.1, 7136501	500	189	300	246	335	10x23	2CB4T							PB/13/1	
			R	DRUM	**KE1009**	570936108, 77113800, 81.297.81, 812978.1	500	185	300	263	335	10x23	2CB4T							PB/13/1	
500 x 180 Kessler Axle - With 10 stud drums - Linings with 14 rivit fixing			F	DRUM	**KE1005**	1924699, 5702943, 5702957, 71.365.01, 713650.1, 7136501	500	189	300	246	335	10x23	2CB4T							PB/13/2	
			F	DRUM	**KE1009**	570936108, 77113800, 81.297.81, 812978.1	500	185	300	263	335	10x23	2CB4T							PB/13/2	
			R	DRUM	**KE1005**	1924699, 5702943, 5702957, 71.365.01, 713650.1, 7136501	500	189	300	246	335	10x23	2CB4T							PB/13/2	
			R	DRUM	**KE1009**	570936108, 77113800, 81.297.81, 812978.1	500	185	300	263	335	10x23	2CB4T							PB/13/2	
500 x 180 Kessler Axle - With 12 stud drums - Megatrack Running Gear- Linings with 8 rivit fixing	1998		F	DRUM	**KE1020**	01925703, 1163730, 1925703, 40022812, 81.445.51, 814455.1	500	193	385	242	425	12x23	2CS4T							PB/13/1	
			R	DRUM	**KE1020**	01925703, 1163730, 1925703, 40022812, 81.445.51, 814455.1	500	193	385	242	425	12x23	2CS4T							PB/13/1	
500 x 180 Kessler Axle - With 12 stud drums - Megatrack Running Gear - Linings with 14 rivit fixing			F	DRUM	**KE1020**	01925703, 1163730, 1925703, 40022812, 81.445.51, 814455.1	500	193	385	242	425	12x23	2CS4T							PB/13/2	
			R	DRUM	**KE1020**	01925703, 1163730, 1925703, 40022812, 81.445.51, 814455.1	500	193	385	242	425	12x23	2CS4T							PB/13/2	
Brake Discs	1985		F	DISC	**KE1006**	7120974	491	26	220	48	248	16x18.5									
			F	DISC	**KE1012**	008061134, 712111.2	501	22.5	340	129	364	16x14.5	SDISC								
			F	DISC	**KE1012**	008061134, 712111.2	501	22.5	340	129	364	16x14.5	SDISC								

WINNARD			Position			X-Ref																	
Model	**From**	**To**		**Type**	**Winnard**	**Cross Reference numbers and notes**	**Disc and Drum Dimensions**							**Standard**	**Stage 2**	**W/Lead**	**W/Lead***	**F/Kit**	**F/Kit***	**Lining**	**Lined Shoe Kit**
			R	DISC	**KE1014**	712567.2	492	45	285	166	335	10x22										
			R	DISC	**KE1014**	712567.2	492	45	285	166	335	10x22										
GMK5250L	2015		R	DISC	**KE1030**	GROVE 3142916, KESSLER 7243522C	525	40	222	53	265	12 x 20.6		WP139				WA254			
Krupp ZF Drive	1985		R	DRUM	**KR1002**	4462322157, 4462432157	500	133	371	231	426	12x22.5								PB/15/1	
			R	DRUM	**KR1002**	4462322157, 4462432157	500	133	371	231	426	12x22.5								PB/15/2	
Krupp ZF Steer			F	DRUM	**KR1001**	4462432158	500	194	371	248	426	12x22.5								PB/13/1	
			F	DRUM	**KR1001**	4462432158	500	194	371	248	426	12x22.5								PB/13/2	
Rockwell axle			F	DRUM	**GR1001**	3219Y4159, WIN4159	381	231	281	274	335	10x23.5	4T								
			R	DRUM	**GR1001**	3219Y4159, WIN4159	381	231	281	274	335	10x23.5	4T								
Soma axle			F	DRUM	**GR1003**	9049107303	410	187	300	271	335	10x23	2CB4T								
			F	DRUM	**SO1001**	72011037	410	208	290	260	335	10x26	3CS3T								
			R	DRUM	**GR1003**	9049107303	410	187	300	271	335	10x23	2CB4T								
			R	DRUM	**SO1001**	72011037	410	208	290	260	335	10x26	3CS3T								
TMF635B			F	DRUM	**MIS0540**															CW/12/1	
			R	DRUM	**MIS0539**															CW/12/1	
Hande Axle							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
HDE3T	2022		MID	DISC	**HAN1001**	DZ90009340053	377	45	169	135	200	8xM12	4T FOR ABS LOCATION								
HDZ6.5T			F	DISC	**TBA DISC**	Part number to be advised															
			R	DISC	**TBA DISC**	Part number to be advised															
Hendrickson (Also See York)							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Conventional HN - 377 Diameter Rotor	2015		T	DISC	**YO1041**	D-33390, D33390	375	45	220	150	250	8xM16		WP1389				WA223			
Conventional HN - 430 Diameter Rotor			T	DISC	**YO1039**	HENDRICKSON S-34172, HENDRICKSON S34172, RIDEWELL 1660363	430	45	220	150	249.5	10xM16x2.0		WP133							
HXL2 - 377 Diameter Rotor			T	DISC	**YO1041**	D-33390, D33390	375	45	220	150	250	8xM16		WP1389				WA223			
HXL2 - 430 Diameter Rotor			T	DISC	**YO1039**	HENDRICKSON S-34172, HENDRICKSON S34172, RIDEWELL 1660363	430	45	220	150	249.5	10xM16x2.0		WP133							
HXL5HN - 377 Diameter Rotor			T	DISC	**YO1041**	D-33390, D33390	375	45	220	150	250	8xM16		WP1389				WA223			
HXL5HN - 430 Diameter Rotor			T	DISC	**YO1039**	HENDRICKSON S-34172, HENDRICKSON S34172, RIDEWELL 1660363	430	45	220	150	249.5	10xM16x2.0		WP133							
Maxx22T			T	DISC	**YO1037**	HENDRICKSON KIT S-37434-1, S37434-2, S37434 1, S37434 2, HENDRICKSON S-34471, S34471, WABCO 6629056112	415	43	219.8	150	250	10xM16									
SARN29348			T	DISC	**YO1039**	HENDRICKSON S-34172, HENDRICKSON S34172, RIDEWELL 1660363	430	45	220	150	249.5	10xM16x2.0		WP133							
SARN44547			T	DISC	**YO1041**	D-33390, D33390	375	45	220	150	250	8xM16		WP1389				WA223			
Wabco HTD377			T	DISC	**YO1041**	D-33390, D33390	375	45	220	150	250	8xM16		WP1389				WA223			
Heuliez							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
GX107	1983	1996	F	DRUM	**RN1003**	191128, 192377, 194128, 194226, 5000737342, 50097	414	160	281	206	335	10x25	2CB2T								
	1986		F	DRUM	**RN1058**	5010216048	414	180	281	231	335	10x25.2								RN/101/1	
			R	DRUM	**RN1059**	5010224628	414	208	281	256.5	335	10x25.2									

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
GX117	1998	2006	F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP760	WP760S2	WL011		WA208-1			
			F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1404	WP1404S2			WA208			
			R	DISC	**VO1076**	0001986501, 05001849922, 0501316075, 20564467, 21062580, 500184992	434	45	203	130	235	10xM16		WP760	WP760S2	WL011		WA208-1			
			R	DISC	**VO1076**	0001986501, 05001849922, 0501316075, 20564467, 21062580, 500184992	434	45	203	130	235	10xM16		WP1404	WP1404S2			WA208			
GX127	2008		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1404	WP1404S2			WA208			
			R	DISC	**VO1076**	0001986501, 05001849922, 0501316075, 20564467, 21062580, 500184992	434	45	203	130	235	10xM16		WP1404	WP1404S2			WA208			
GX187	1984	1996	F	DRUM	**RN1003**	191128, 192377, 194128, 194226, 5000737342, 50097	414	160	281	206	335	10x25	2CB2T								
			F	DRUM	**RN1058**	5010216048	414	180	281	231	335	10x25.2								RN/101/1	
			R	DRUM	**RN1059**	5010224628	414	208	281	256.5	335	10x25.2									
GX217	1996	2001	F	DISC	**VO1060**	3112965-3, 3112965/3, 31129650	438	45	195	127	235	10xM16		WP1047	WP1047S2	WL013	WL013	WA213			
			R	DRUM	**VO1025**	1599012	410	229	282	307	335	10x28	2CS2T							VL/89/2	WBSK0051
			R	DRUM	**VO1038**	1075310, 20713928, 21094124, 21451968, 21508813, 3171748	410	229	282	306	335	10x28	4x18CS + 2x25mm + 2xM20							VL/89/2	WBSK0051
GX217 (Gaz)			F	DISC	**VO1060**	3112965-3, 3112965/3, 31129650	438	45	195	127	235	10xM16		WP1047	WP1047S2	WL013	WL013	WA213			
			R	DRUM	**VO1062**	9524103	394	250	282	287	335	10x28	2T							VL/100/101/1 PSV	
GX27	1988		F	DRUM	**RN1016**	5000203432, 5516015538, 5516017938, 5516019378, 5516031348, 6017938	325	134	207	201	245	6x20	2CS2T							SA/28/29/1	
			R	DRUM	**RN1017**	42003759, 42003760, 5000203433, 5010098116, 5516015449, 5516017939	325	155	207	222	245	6x20	2CS2T							SA/30/31/1	
GX317	1993	2006	F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP760	WP760S2	WL011		WA208-1			
	2004		F	DISC	**RN1063**	0002996353, 002996353, 2996353, 42552008, 5006172150, 5010216437	438	45	131	96.575	165	10x17	2T	WP760	WP760S2	WL011		WA208-1			
	1993	2006	R	DISC	**VO1076**	0001986501, 05001849922, 0501316075, 20564467, 21062580, 500184992	434	45	203	130	235	10xM16		WP760	WP760S2	WL011		WA208-1			
GX327	2008		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1404	WP1404S2			WA208			
			F	DISC	**RN1063**	0002996353, 002996353, 2996353, 42552008, 5006172150, 5010216437	438	45	131	96.575	165	10x17	2T	WP1404	WP1404S2			WA208			
			R	DISC	**VO1076**	0001986501, 05001849922, 0501316075, 20564467, 21062580, 500184992	434	45	203	130	235	10xM16		WP1404	WP1404S2			WA208			
GX417	1996	2001	F	DISC	**VO1060**	3112965-3, 3112965/3, 31129650	438	45	195	127	235	10xM16		WP1047	WP1047S2	WL013	WL013	WA213			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**VO1025**	1599012	410	229	282	307	335	10x28	2CS2T							VL/89/2	WBSK0051
			R	DRUM	**VO1038**	1075310, 20713928, 21094124, 21451968, 21508813, 3171748	410	229	282	306	335	10x28	4x18CS + 2x25mm + 2xM20							VL/89/2	WBSK0051
GX417 (Articule)			F	DISC	**VO1060**	3112965-3, 3112965/3, 31129650	438	45	195	127	235	10xM16		WP1047	WP1047S2	WL013	WL013	WA213			
			R	DRUM	**VO1062**	9524103	394	250	282	287	335	10x28	2T								
GX427	2008		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1404	WP1404S2			WA208			
			F	DISC	**RN1063**	0002996353, 002996353, 2996353, 42552008, 5006172150, 5010216437	438	45	131	96.575	165	10x17	2T	WP1404	WP1404S2			WA208			
			R	DISC	**VO1076**	0001986501, 05001849922, 0501316075, 20564467, 21062580, 500184992	434	45	203	130	235	10xM16		WP1404	WP1404S2			WA208			
GX44	1988		F	DRUM	**MNE1001**	3054210101, 3054210401, 3054230601, 5000281119, 50059, 50090	410	165	298	213	335	10x23	2CB3T							MP/31/2	
			R	DRUM	**MNE1031**	3054230301, 3054230401, 6864230001, A3054230301, A3054230401, A3554230801	410	238	298	306	335	10x23	5x23 3T							MP/36/2	WBSK0047
GX57 - Volvo B10B chassis	1996		F	DRUM	**VO1037**	1075307, 3171745	410	210	282	273	335	10x28	2CS2T							VL/88/2	
			F	DISC	**VO1060**	3112965-3, 3112965/3, 31129650	438	45	195	127	235	10xM16		WP1047	WP1047S2	WL013		WA213			
			R	DRUM	**VO1038**	1075310, 20713928, 21094124, 21451968, 21508813, 3171748	410	229	282	306	335	10x28	4x18CS + 2x25mm + 2xM20							VL/89/2	WBSK0051
GX70	1990		F	DRUM	**RN1003**	191128, 192377, 194128, 194226, 5000737342, 50097	414	160	281	206	335	10x25	2CB2T								
GX77			F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
GX87	1979		F	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
			R	DRUM	**VO1018**	1134818, 1590313/1	394	265	282	314	335	10x28	2T							VL/81/82/1	
			TRAILING A	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
Hino							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
300	2008		F	DISC	**HI1006**	42431 37040, 42431-37040, 42431/37040, 4243137040	287	40	171	105	205	6xM14	4xM6 on the base of the disc	WP126							
			F	DISC	**HI1007**	43512 37120, 43512-37120, 43512/37120, 4351237120	287	40	144	101	185	6xM14		WP126							
			R	DISC	**HI1006**	42431 37040, 42431-37040, 42431/37040, 4243137040	287	40	171	105	205	6xM14	4xM6 on the base of the disc	WP126							
			R	DISC	**HI1007**	43512 37120, 43512-37120, 43512/37120, 4351237120	287	40	144	101	185	6xM14		WP126							
500			F	DRUM	**HI1004**	43512 4090, 43512-4090, 43512/4090, 435124090, M718N501	406	159	282	221	335	10x26	2CB2T							NN/62/1	
			R	DRUM	**HI1005**	43512 4100, 43512-4100, 43512/4100, 435124100	406	224	282	284	335	10x26	2CB4T							NN/63/1	
500 Australia	2001	2015	R	DRUM	**HI1011**	43512-3020, S4351 3020, S4351-3020	406.6	211	282	270	335	10x26	2CB2T								
	2016		R	DRUM	**HI1013**	S4743 E0280, S4743-E0280	410	225	282	280	335	10x26	2CB2T								

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
700	2006		F	DRUM	**HI1004**	43512 4090, 43512-4090, 43512/4090, 435124090, M718N501	406	159	282	221	335	10x26	2CB2T							NN/62/1	
			R	DRUM	**HI1005**	43512 4100, 43512-4100, 43512/4100, 435124100	406	224	282	284	335	10x26	2CB4T							NN/63/1	
Dutro Dyna	2000	2004	F	DISC	**TO1004**	43512-37090, 4351237090	296	35	126	90	167	5xM14									
FSIP, FYIK, FYIP	1992		F	DRUM	**HI1004**	43512 4090, 43512-4090, 43512/4090, 435124090, M718N501	406	159	282	221	335	10x26	2CB2T							NN/62/1	
			R	DRUM	**HI1005**	43512 4100, 43512-4100, 43512/4100, 435124100	406	224	282	284	335	10x26	2CB4T							NN/63/1	
KB, N, TC, ZM	1991	1992	F	DRUM	**HI1002**	43512 1690, 43512-1690, 43512/1690, 435121690	406	135	282	241	335	10x26	2CS2T							NN/60/1	
			F	DRUM	**HI1003**	43512 2330, 43512-2330, 43512/2330, 435122330	406	137	282	206	335	10x26	2CB2T							NN/60/1	
			R	DRUM	**HI1001**	43512-1341, 43512-2421	406	211	282	270	335	10x23	2CB4T							NN/61/1	
Hunton							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Trailer	1970		T	DRUM	**HU1001**	45.387.1, 453871	394	189	292	216	335	10x23.5									
			T	DRUM	**HU1002**	45.391.1, 453911	394	216	292	251	335	10x23.5									
Ikarus PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
350 12m	1982		F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
			R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
396 12m			F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
	1999		F	DISC	**IV1068**	0042471214, 042575664, 500039194, 500322079	290	26	80	53	110	6x12.6	3T	WP1390		WL022		WA249			
	1982		R	DRUM	**DA1036**	0368829, 368829	419	215	285	292	335	10x24	2CB2T							DF/32/33/1	
	1999		R	DISC	**IV1069**	42471150, 500039192, 7182874	306	22	178	137	215	6xM10		WP1390				WA249			
Models after 1993	1993		F	DISC	**KA1006**	0501313313, 2069432001, 501313313, 6274210012, 8285390000, A6274210012	432	45	194	135	220	10xM16		WP760	WP760S2	WL010		WA208-1			
Ingersoll Axles							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
AirDisc System - PAN17	2008		T	DISC	**TW1001**	CT826 WABCO	325	34	173	148.5	196	8xM14		WP1279				WA235			
AirDisc System - PAN19			T	DISC	**ING1001**	Ingersol Axle	375	45	169	138	196	8xM14 with 2.0 thread size		WP1389				WA223			
International							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
1652	1998	2006	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
			F	DISC	**NAV1003**	2594594C1, 3531661C2, 573922C1, 573922C2	381	36.6	137	89	171.45	5x20									
3000	1996	2005	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
			F	DISC	**NAV1003**	2594594C1, 3531661C2, 573922C1, 573922C2	381	36.6	137	89	171.45	5x20									
3200, 3300, 4100, 4200, 4300, 4400	2002	2009	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15		WP1032							
			F	DISC	**NAV1003**	2594594C1, 3531661C2, 573922C1, 573922C2	381	36.6	137	89	171.45	5x20		WP1032							
	2009	2012	F	DISC	**NAV1007**	10019996, 10020611, 2599937C91, 2599937C92, 9C4Z-1125C								WP1032							
			R	DISC	**NAV1007**	10019996, 10020611, 2599937C91, 2599937C92, 9C4Z-1125C								WP1032							

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**NAV1008**	- 21,000lb axle, 392268, 5623, 88936210	391	39	231.6	193.2	285.75	10x25.4		WP1032							
3400, 3600, 3700, 3800, 3900	1996	2002	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
4100	2002	2009	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
	2006		F	DISC	**NAV1003**	2594594C1, 3531661C2, 573922C1, 573922C2	381	36.6	137	89	171.45	5x20									
4200, 4300, 4400	2002		F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
			F	DISC	**NAV1003**	2594594C1, 3531661C2, 573922C1, 573922C2	381	36.6	137	89	171.45	5x20									
4600	1990	1995	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
			F	DISC	**NAV1003**	2594594C1, 3531661C2, 573922C1, 573922C2	381	36.6	137	89	171.45	5x20									
4700		2008	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
			F	DISC	**NAV1003**	2594594C1, 3531661C2, 573922C1, 573922C2	381	36.6	137	89	171.45	5x20									
Irizar PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Century Club	1996		F	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			R	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
Century Style			F	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			R	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
Century Topline			F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
Intercentury			F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
PB			F	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			R	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
S-Kool			F	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			R	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
Isuzu							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
F150	2008		F	DISC	**IS1022**	1-42316-051-0, 1423160510, 23-123647-002, 23123647002, 6316229CG, NABI 6333812	433.5	45	194	143.35	249.2	10xM16	6 x (1/4" - 20 UNC) Threaded holes on base of disc for ABS location	WP174	WP174S2	WL117		WA251			
F180			F	DISC	**IS1022**	1-42316-051-0, 1423160510, 23-123647-002, 23123647002, 6316229CG, NABI 6333812	433.5	45	194	143.35	249.2	10xM16	6 x (1/4" - 20 UNC) Threaded holes on base of disc for ABS location	WP174	WP174S2	WL117		WA251			
FTR	1994		F	DRUM	**IS1019**	1-42315355-0, 1423153550	410	150	230	193	285	8x22.5									
			R	DRUM	**IS1027**	1423153361	410	160	230	195	285	8x22.5									
Grafter 3.0 N35 (With Independent Suspension)	2009		F	DISC	**IS1008**	8-98248-893-0, 898001342, 8980013420, 8982488930	265	35	108	80	142	6xM14									
			R	DISC	**IS1009**	8-98024-006-0, 8-98248-897-0, 8980240060, 8982488970	275	30	156	99	180	5xM14		WP126							

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Grafter 3.0 N35 (Without Independent Suspension)			F	DISC	**IS1003**	1K08-33-257, 40206-89T0B, 8-97168-631-0, 8-97168-631-1, 8-97168-831-1, 8-97371-876-0	293	40	110	58	137	12x12		WP126							
			R	DISC	**IS1009**	8-98024-006-0, 8-98248-897-0, 8980240060, 8982488970	275	30	156	99	180	5xM14		WP126							
N Series NKR	2013		F	DISC	**IS1002**	8-97031-007-1, 897031007, 8970310071, 97031007	265	35	103	84	145	6xM14	2T	WP126							
			R	DISC	**IS1003**	1K08-33-257, 40206-89T0B, 8-97168-631-0, 8-97168-631-1, 8-97168-831-1, 8-97371-876-0	293	40	110	58	137	12x12		WP126							
N Series NLR			F	DISC	**IS1003**	1K08-33-257, 40206-89T0B, 8-97168-631-0, 8-97168-631-1, 8-97168-831-1, 8-97371-876-0	293	40	110	58	137	12x12		WP126							
N Series NMR			F	DISC	**IS1003**	1K08-33-257, 40206-89T0B, 8-97168-631-0, 8-97168-631-1, 8-97168-831-1, 8-97371-876-0	293	40	110	58	137	12x12		WP126							
NKR 2.8D (Single Rear Wheel)	1993		F	DISC	**IS1002**	8-97031-007-1, 897031007, 8970310071, 97031007	265	35	103	84	145	6xM14	2T	WP128							
			R	DRUM	**IS1004**	897032891	300	89	133	182	170	6x15									
NKR 2.8D (Twin Rear Wheel)			F	DISC	**IS1007**	8-97015-887-0, 897015857, 8970158870, 97015887	282	35	110	62	136	12x12		WP102							
			R	DRUM	**IS1004**	897032891	300	89	133	182	170	6x15									
NKR 3.0DT	2003		F	DISC	**IS1002**	8-97031-007-1, 897031007, 8970310071, 97031007	265	35	103	84	145	6xM14	2T	WP128							
			F	DISC	**IS1003**	1K08-33-257, 40206-89T0B, 8-97168-631-0, 8-97168-631-1, 8-97168-831-1, 8-97371-876-0	293	40	110	58	137	12x12		WP126							
			R	DRUM	**IS1004**	897032891	300	89	133	182	170	6x15									
NKR 3.1D	1996	1998	F	DISC	**IS1002**	8-97031-007-1, 897031007, 8970310071, 97031007	265	35	103	84	145	6xM14	2T	WP128							
			F	DISC	**IS1007**	8-97015-887-0, 897015857, 8970158870, 97015887	282	35	110	62	136	12x12		WP128							
	1998		F	DISC	**IS1002**	8-97031-007-1, 897031007, 8970310071, 97031007	265	35	103	84	145	6xM14	2T	WP126							
			F	DISC	**IS1007**	8-97015-887-0, 897015857, 8970158870, 97015887	282	35	110	62	136	12x12		WP126							
	1996	1998	R	DRUM	**IS1004**	897032891	300	89	133	182	170	6x15									
	1998		R	DRUM	**IS1004**	897032891	300	89	133	182	170	6x15									
NLR 3.0DT (With Independent Suspension)	2008		F	DISC	**IS1008**	8-98248-893-0, 898001342, 8980013420, 8982488930	265	35	108	80	142	6xM14									
			R	DISC	**IS1009**	8-98024-006-0, 8-98248-897-0, 8980240060, 8982488970	275	30	156	99	180	5xM14		WP126, WP1572							
NLR 3.0DT (Without Independent Suspension)			F	DISC	**IS1003**	1K08-33-257, 40206-89T0B, 8-97168-631-0, 8-97168-631-1, 8-97168-831-1, 8-97371-876-0	293	40	110	58	137	12x12		WP126							
			R	DISC	**IS1009**	8-98024-006-0, 8-98248-897-0, 8980240060, 8982488970	275	30	156	99	180	5xM14		WP126, WP1572							
NMR 3.0DT (With independent suspension)			F	DISC	**IS1008**	8-98248-893-0, 898001342, 8980013420, 8982488930	265	35	108	80	142	6xM14									
			R	DISC	**IS1009**	8-98024-006-0, 8-98248-897-0, 8980240060, 8982488970	275	30	156	99	180	5xM14									
NMR 3.0DT (Without independent suspension)			F	DISC	**IS1003**	1K08-33-257, 40206-89T0B, 8-97168-631-0, 8-97168-631-1, 8-97168-831-1, 8-97371-876-0	293	40	110	58	137	12x12		WP126							

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**IS1009**	8-98024-006-0, 8-98248-897-0, 8980240060, 8982488970	275	30	156	99	180	5xM14									
NNR 3.0DT	2004		R	DISC	**IS1025**	8-98028-837-0, 89-8248-898-0, 8980288370, 8982488980	293	40	164	109	204	6xM14									
NPR 3.0DT	2003		F	DISC	**IS1003**	1K08-33-257, 40206-89T0B, 8-97168-631-0, 8-97168-631-1, 8-97168-831-1, 8-97371-876-0	293	40	110	58	137	12x12		WP126							
			R	DRUM	**IS1005**	897081219	320	115	156	158	222.25	6x23.5								NPR62	
			R	DISC	**IS1025**	8-98028-837-0, 89-8248-898-0, 8980288370, 8982488980	293	40	164	109	204	6xM14									
NPR 3.9DT	1996		F	DISC	**IS1007**	8-97015-887-0, 897015857, 8970158870, 97015887	282	35	110	62	136	12x12		WP126							
			R	DRUM	**IS1005**	897081219	320	115	156	158	222.25	6x23.5								NPR62	
NPR 4.8DT	2003		F	DISC	**IS1003**	1K08-33-257, 40206-89T0B, 8-97168-631-0, 8-97168-631-1, 8-97168-831-1, 8-97371-876-0	293	40	110	58	137	12x12		WP126							
			R	DRUM	**IS1005**	897081219	320	115	156	158	222.25	6x23.5								NPR62	
			R	DRUM	**IS1006**	3501711-P301, 3501711P301, 8-97102001-1, 8-97102001-2, 8-97102001-3, 8-97188115-0	320	135	156	167	222.25	6x23.5								NQR75	
NPR 5.2DT		2006	F	DISC	**IS1003**	1K08-33-257, 40206-89T0B, 8-97168-631-0, 8-97168-631-1, 8-97168-831-1, 8-97371-876-0	293	40	110	58	137	12x12		WP126				WA282			
	2006		F	DISC	**IS1003**	1K08-33-257, 40206-89T0B, 8-97168-631-0, 8-97168-631-1, 8-97168-831-1, 8-97371-876-0	293	40	110	58	137	12x12		WP126				WA282			
	2003	2006	R	DRUM	**IS1005**	897081219	320	115	156	158	222.25	6x23.5								NPR62	
			R	DRUM	**IS1006**	3501711-P301, 3501711P301, 8-97102001-1, 8-97102001-2, 8-97102001-3, 8-97188115-0	320	135	156	167	222.25	6x23.5								NQR75	
	2006		R	DISC	**IS1009**	8-98024-006-0, 8-98248-897-0, 8980240060, 8982488970	275	30	156	99	180	5xM14		WP126				WA282			
			R	DISC	**IS1023**	8981919560	310	42	164	107	204	6xM14	6 x M6 FOR ABS LOCATION	WP125				WA241			
NPR 7.5T EURO 6	2010		F	DISC	**IS1003**	1K08-33-257, 40206-89T0B, 8-97168-631-0, 8-97168-631-1, 8-97168-831-1, 8-97371-876-0	293	40	110	58	137	12x12		WP125							
			R	DISC	**IS1023**	8981919560	310	42	164	107	204	6xM14	6 x M6 FOR ABS LOCATION	WP125							
NQR 4.8DT	1996		F	DISC	**IS1001**	26IZ009, 377777391051, 377777391054, 3870607540, 387060754051, 8-97168-632-1	310	42	110	55.5	136	12x12.25		WP125				WA241			
			R	DRUM	**IS1006**	3501711-P301, 3501711P301, 8-97102001-1, 8-97102001-2, 8-97102001-3, 8-97188115-0	320	135	156	167	222.25	6x23.5								NQR75	
NQR 5.2DT		2002	F	DISC	**IS1001**	26IZ009, 377777391051, 377777391054, 3870607540, 387060754051, 8-97168-632-1	310	42	110	55.5	136	12x12.25		WP125				WA241			
	2002		F	DISC	**IS1003**	1K08-33-257, 40206-89T0B, 8-97168-631-0, 8-97168-631-1, 8-97168-831-1, 8-97371-876-0	293	40	110	58	137	12x12		WP126				WA282			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1996	2002	R	DRUM	**IS1006**	3501711-P301, 3501711P301, 8-97102001-1, 8-97102001-2, 8-97102001-3, 8-97188115-0	320	135	156	167	222.25	6x23.5								NQR75	
	2002		R	DISC	**IS1009**	8-98024-006-0, 8-98248-897-0, 8980240060, 8982488970	275	30	156	99	180	5xM14		WP126							
Isuzu PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Grand Toro	2021		F	DISC	**TBA DISC**	Part number to be advised															
			R	DISC	**TBA DISC**	Part number to be advised															
Kendo			F	DISC	**TBA DISC**	Part number to be advised															
			R	DISC	**TBA DISC**	Part number to be advised															
Visigo	2015		F	DISC	**TBA DISC**	Part number to be advised															
			R	DISC	**TBA DISC**	Part number to be advised															
Iveco							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
110-13, 110-16, 130-13, 130-16	1985	1992	F	DRUM	**RN1073**	172046, 5000202691, 5516011616, 5516030954, 5516053691, 551631601	394	134	228	201.5	275	8x21.5	2CS2T								
			R	DRUM	**RN1074**	173285, 5000202692, 5000546969, 5516011307, 5516011617, 6011617	394	156	228	218	275	8x21.5	2CB2T								
130M, 160M, 168M	1975	1985	F	DRUM	**RN1073**	172046, 5000202691, 5516011616, 5516030954, 5516053691, 551631601	394	134	228	201.5	275	8x21.5	2CS2T								
			R	DRUM	**RN1074**	173285, 5000202692, 5000546969, 5516011307, 5516011617, 6011617	394	156	228	218	275	8x21.5	2CB2T								
Cargo 0608, 0609, 0611 - 58mm rear calipers	1987		F	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523		WL019					
			R	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523		WL019					
Cargo 0608, 0609, 0611 - 68mm rear calipers			F	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523		WL019					
			R	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523		WL019					
Cargo 0708, 0709, 0711, 0712, 0713 - 58mm rear calipers			F	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523		WL019					
			R	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523		WL019					
Cargo 0708, 0709, 0711, 0712, 0713 - 68mm rear calipers			F	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523		WL019					
			R	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523		WL019					
Cargo 0808, 0809, 0811, 0812, 0813, 0815 - 58mm rear calipers			F	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523		WL019					
			R	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523		WL019					
Cargo 0808, 0809, 0811, 0812, 0813, 0815 - 68mm rear calipers			F	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523		WL019					
			R	DISC	**FD1022**	6172906	322	30	148	126	205	6x21	3T	WP523		WL019					
Cargoplus 18T	2002		F	DISC	**IV1009**	01907526, 01907527, 01907530, 01907726, 01908578, 07172018	322	30	215	134	275	8x20	2T	WP733		WL001	WL001				
			R	DISC	**IV1009**	01907526, 01907527, 01907530, 01907726, 01908578, 07172018	322	30	215	134	275	8x20	2T	WP733		WL001	WL001				
Cargoplus 7.5T			F	DISC	**IV1006**	01907528, 01907725, 01908577, 07173036, 07182681, 1097528	304	30	165	128	205	6x18	2T	WP1126		WL019		WA233	WA233A		
		2006	F	DISC	**IV1006WS**	01907528, 01907725, 01908577, 07173036	304	30	165	128	205	6x18	2T	WP1126		WL019		WA233	WA233A		
			R	DISC	**IV1006**	01907528, 01907725, 01908577, 07173036, 07182681, 1097528	304	30	165	128	205	6x18	2T	WP1126		WL019		WA233	WA233A		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**IV1007WS**	1907529, 1907725, 1908577, 7173036	304	30	165	128	205	6x18	2T	WP1126		WL019		WA233	WA233A		
Daily 28.8	1982	1990	F	DISC	**IV1013**	1904529, 500039183, 5938118, 93800492	267	14	124	105	170	6xM18	3T	WP655, WP829							
	1990	1996	F	DISC	**IV1023**	1904528, 500039187, 8582290	266	14	124	155	170	6xM18		WP655							
	1986	1990	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1990	1996	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
Daily 29.L9, 29.L11	1999	2006	F	DISC	**IV1054**	2991648, 2991753, 42470836, 42471155, 42575662, 500039188	276	22	73	73	118	5x16		WP1315		WL022		WA248			
	2006		F	DISC	**IV1092**	2996121, 504121612	290	28	64	46	95	9x12.5		WP229		WL074					
	1999	2006	R	DISC	**IV1055**	0001906206, 0002991646, 00042575663, 0007182299, 0042575662, 2991646	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
			R	DISC	**IV1056**	02994066, 07182300, 07185410, 42471031, 42471034, 42575665	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
	2006		R	DISC	**IV1078**	0 0299 6027, 02996027, 046393181, 07186309, 2996027, 2996028	296	16	76	69	125	6x15.5	1x8.5	WP1405		WL077		WA250			
Daily 30.8	1982	1990	F	DISC	**IV1013**	1904529, 500039183, 5938118, 93800492	267	14	124	105	170	6xM18	3T	WP655							
	1990	1996	F	DISC	**IV1023**	1904528, 500039187, 8582290	266	14	124	155	170	6xM18		WP655							
	1996	1999	F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022		WA248			
	1982	1990	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1990	1996	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1996	1999	R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022		WA248			WBSK0011
Daily 30.9, 30.10	1990	1995	F	DISC	**IV1023**	1904528, 500039187, 8582290	266	14	124	155	170	6xM18		WP655							
			R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
Daily 32.8	1982	1990	F	DISC	**IV1013**	1904529, 500039183, 5938118, 93800492	267	14	124	105	170	6xM18	3T	WP655							
	1990	1996	F	DISC	**IV1023**	1904528, 500039187, 8582290	266	14	124	155	170	6xM18		WP655							
	1982	1990	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1990	1996	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
Daily 32.9	1982	1990	F	DISC	**IV1013**	1904529, 500039183, 5938118, 93800492	267	14	124	105	170	6xM18	3T	WP655							
	1990	1996	F	DISC	**IV1023**	1904528, 500039187, 8582290	266	14	124	155	170	6xM18		WP655							
	1982	1990	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1990	1996	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
Daily 35. 8	1982	1990	F	DISC	**IV1013**	1904529, 500039183, 5938118, 93800492	267	14	124	105	170	6xM18	3T	WP655							
	1990	1995	F	DISC	**IV1023**	1904528, 500039187, 8582290	266	14	124	155	170	6xM18		WP655							
	1996	1999	F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022		WA248			
	1982	1990	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1990	1995	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1996	1999	R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022		WA248			WBSK0011
Daily 35. 9	1982	1990	F	DISC	**IV1013**	1904529, 500039183, 5938118, 93800492	267	14	124	105	170	6xM18	3T	WP655							
	1990	1995	F	DISC	**IV1023**	1904528, 500039187, 8582290	266	14	124	155	170	6xM18		WP655							
	1982	1990	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1990	1995	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Daily 35.10	1982	1990	F	DISC	**IV1013**	1904529, 500039183, 5938118, 93800492	267	14	124	105	170	6xM18	3T	WP655							
	1990	1995	F	DISC	**IV1023**	1904528, 500039187, 8582290	266	14	124	155	170	6xM18		WP655							
	1996	1999	F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022					
	1982	1990	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1990	1995	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1996	1999	R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
Daily 35.12	1990	1996	F	DISC	**IV1002**	1904531, 500039184, 8584182	280	16	124	142	170	6xM18	3T	WP709							
	1996		F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18				WL062					WBSK0011
	1990	1996	R	DRUM	**IV1001**	10402, 7165402	270	91	130	144	170	6x19	1CS	WP709						MB/80/81/1	
	1996		R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
Daily 35C 9	1999	2006	F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022		WA250			
			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP1102		WL022		WA248			
			R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022		WA250			WBSK0011
Daily 35C10			F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022					
			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP1102		WL022					
	2006		F	DISC	**IV1092**	2996121, 504121612	290	28	64	46	95	9x12.5		WP229		WL074	WL074				
	1999	2006	R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
	2006		R	DISC	**IV1094**	07186485, 2996033 = Non ABS part #, 2996043, 2996043, 46393182, 7186485	294	24	84	87.5	108	8x10.5		WP232		WL077					
Daily 35C11	1999	2006	F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022					
			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP1102		WL022					
			R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
Daily 35C12			F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022					
			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP1102		WL022					
	2005		F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP192							
	2006		F	DISC	**IV1092**	2996121, 504121612	290	28	64	46	95	9x12.5		WP229		WL074	WL074				
	1999	2006	R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
	2005		R	DISC	**IV1078**	0 0299 6027, 02996027, 046393181, 07186309, 2996027, 2996028	296	16	76	69	125	6x15.5	1x8.5								
	2006		R	DISC	**IV1094**	07186485, 2996033 = Non ABS part #, 2996043, 2996043, 46393182, 7186485	294	24	84	87.5	108	8x10.5		WP232		WL077					
Daily 35C13	1999	2006	F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022					

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP1102		WL022					
			R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
Daily 35C14			F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022					
			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6				WL022					
	2006		F	DISC	**IV1092**	2996121, 504121612	290	28	64	46	95	9x12.5		WP229		WL074	WL074				
	1999	2006	R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
	2006		R	DISC	**IV1094**	07186485, 2996033 = Non ABS part #, 2996043, 2996043, 46393182, 7186485	294	24	84	87.5	108	8x10.5		WP232		WL077					
Daily 35C15	2005		F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP192							
	2006		F	DISC	**IV1092**	2996121, 504121612	290	28	64	46	95	9x12.5		WP229		WL074					
	2005		R	DISC	**IV1078**	0 0299 6027, 02996027, 046393181, 07186309, 2996027, 2996028	296	16	76	69	125	6x15.5	1x8.5								
	2006		R	DISC	**IV1094**	07186485, 2996033 = Non ABS part #, 2996043, 2996043, 46393182, 7186485	294	24	84	87.5	108	8x10.5		WP232		WL077					
Daily 35C17	1999	2006	F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022					
			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP1102		WL022					
	2005		F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP192							
	1999	2006	R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
	2005		R	DISC	**IV1078**	0 0299 6027, 02996027, 046393181, 07186309, 2996027, 2996028	296	16	76	69	125	6x15.5	1x8.5								
Daily 35C18	2006		F	DISC	**IV1092**	2996121, 504121612	290	28	64	46	95	9x12.5		WP229		WL074					
			F	DISC	**IV1116**	42558752, 5000545467, 500054547, 500054548, 504267884	297	22	85	77.6	150	6x15.3	6xM6 : 99 PCD	WP1102							
			R	DISC	**IV1094**	07186485, 2996033 = Non ABS part #, 2996043, 2996043, 46393182, 7186485	294	24	84	87.5	108	8x10.5		WP232		WL077					
Daily 35S 9	1999		F	DISC	**IV1054**	2991648, 2991753, 42470836, 42471155, 42575662, 500039188	276	22	73	73	118	5x16		WP1315		WL022		WA248			
			R	DISC	**IV1055**	0001906206, 0002991646, 00042575663, 0007182299, 0042575662, 2991646	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
			R	DISC	**IV1056**	02994066, 07182300, 07185410, 42471031, 42471034, 42575665	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
Daily 35S10		2006	F	DISC	**IV1054**	2991648, 2991753, 42470836, 42471155, 42575662, 500039188	276	22	73	73	118	5x16		WP1315		WL022		WA248			
	2006		F	DISC	**IV1091**	2996131, 504121605, 5801639518	300	28	78	74.5	125	6x15.6	1x8.6	WP229		WL074					
	1999	2006	R	DISC	**IV1055**	0001906206, 0002991646, 00042575663, 0007182299, 0042575662, 2991646	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
			R	DISC	**IV1056**	02994066, 07182300, 07185410, 42471031, 42471034, 42575665	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	2006		R	DISC	**IV1078**	0 0299 6027, 02996027, 046393181, 07186309, 2996027, 2996028	296	16	76	69	125	6x15.5	1x8.5	WP1405		WL077		WA250			
Daily 35S11	1999		F	DISC	**IV1054**	2991648, 2991753, 42470836, 42471155, 42575662, 500039188	276	22	73	73	118	5x16		WP1315		WL022		WA248			
			R	DISC	**IV1055**	0001906206, 0002991646, 00042575663, 0007182299, 0042575662, 2991646	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
			R	DISC	**IV1056**	02994066, 07182300, 07185410, 42471031, 42471034, 42575665	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
Daily 35S12		2006	F	DISC	**IV1054**	2991648, 2991753, 42470836, 42471155, 42575662, 500039188	276	22	73	73	118	5x16		WP1315		WL022		WA248			
	2006		F	DISC	**IV1091**	2996131, 504121605, 5801639518	300	28	78	74.5	125	6x15.6	1x8.6	WP229		WL074	WL074				
	1999	2006	R	DISC	**IV1055**	0001906206, 0002991646, 00042575663, 0007182299, 0042575662, 2991646	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
			R	DISC	**IV1056**	02994066, 07182300, 07185410, 42471031, 42471034, 42575665	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
	2006		R	DISC	**IV1078**	0 0299 6027, 02996027, 046393181, 07186309, 2996027, 2996028	296	16	76	69	125	6x15.5	1x8.5	WP1405		WL077		WA250			
Daily 35S13	1999		F	DISC	**IV1054**	2991648, 2991753, 42470836, 42471155, 42575662, 500039188	276	22	73	73	118	5x16		WP1315		WL022		WA248			
			R	DISC	**IV1055**	0001906206, 0002991646, 00042575663, 0007182299, 0042575662, 2991646	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
			R	DISC	**IV1056**	02994066, 07182300, 07185410, 42471031, 42471034, 42575665	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
Daily 35S14		2006	F	DISC	**IV1054**	2991648, 2991753, 42470836, 42471155, 42575662, 500039188	276	22	73	73	118	5x16		WP1315		WL022		WA248			
	2006		F	DISC	**IV1091**	2996131, 504121605, 5801639518	300	28	78	74.5	125	6x15.6	1x8.6	WP229		WL074	WL074				
	1999	2006	R	DISC	**IV1055**	0001906206, 0002991646, 00042575663, 0007182299, 0042575662, 2991646	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
			R	DISC	**IV1056**	02994066, 07182300, 07185410, 42471031, 42471034, 42575665	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
	2006		R	DISC	**IV1078**	0 0299 6027, 02996027, 046393181, 07186309, 2996027, 2996028	296	16	76	69	125	6x15.5	1x8.5	WP1405		WL077		WA250			
Daily 35S15	1999		F	DISC	**IV1054**	2991648, 2991753, 42470836, 42471155, 42575662, 500039188	276	22	73	73	118	5x16		WP1315		WL022		WA248			
			R	DISC	**IV1055**	0001906206, 0002991646, 00042575663, 0007182299, 0042575662, 2991646	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
			R	DISC	**IV1056**	02994066, 07182300, 07185410, 42471031, 42471034, 42575665	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
Daily 35S17			F	DISC	**IV1054**	2991648, 2991753, 42470836, 42471155, 42575662, 500039188	276	22	73	73	118	5x16		WP1315		WL022		WA248			
			R	DISC	**IV1055**	0001906206, 0002991646, 00042575663, 0007182299, 0042575662, 2991646	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
			R	DISC	**IV1056**	02994066, 07182300, 07185410, 42471031, 42471034, 42575665	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
Daily 35S18	2006		F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP192							
			F	DISC	**IV1091**	2996131, 504121605, 5801639518	300	28	78	74.5	125	6x15.6	1x8.6	WP229		WL074	WL074				

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DISC	**IV1116**	42558752, 5000545467, 500054547, 500054548, 504267884	297	22	85	77.6	150	6x15.3	6xM6 : 99 PCD	WP1102							
			R	DISC	**IV1078**	0 0299 6027, 02996027, 046393181, 07186309, 2996027, 2996028	296	16	76	69	125	6x15.5	1x8.5	WP1405		WL077					
Daily 40. 8 Turbo Diesel	1986	1987	F	DISC	**IV1013**	1904529, 500039183, 5938118, 93800492	267	14	124	105	170	6xM18	3T								
	1987	1990	F	DISC	**IV1013**	1904529, 500039183, 5938118, 93800492	267	14	124	105	170	6xM18	3T	WP516							
	1990	1999	F	DISC	**IV1023**	1904528, 500039187, 8582290	266	14	124	155	170	6xM18		WP516							
	1999		F	DISC	**IV1054**	2991648, 2991753, 42470836, 42471155, 42575662, 500039188	276	22	73	73	118	5x16		WP1315		WL022		WA248			
	1986	1987	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1987	1990	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1990	1999	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1999		R	DISC	**IV1055**	0001906206, 0002991646, 00042575663, 0007182299, 0042575662, 2991646	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
			R	DISC	**IV1056**	02994066, 07182300, 07185410, 42471031, 42471034, 42575665	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
Daily 40.10	1990	1996	F	DISC	**IV1023**	1904528, 500039187, 8582290	266	14	124	155	170	6xM18		WP655							
	1996	1999	F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18				WL062					WBSK0011
	1990	1996	R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1996	1999	R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5				WL062					WBSK0011
Daily 40.10 Turbo Diesel	1989	1996	F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP709							
			R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5				WL062					WBSK0011
Daily 40C10, C12, C13, C14, C15, C18	2005		F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP192							
			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP192							
			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP192							
	2006		F	DISC	**IV1092**	2996121, 504121612	290	28	64	46	95	9x12.5		WP229		WL074	WL074				
	2005		R	DISC	**IV1078**	0 0299 6027, 02996027, 046393181, 07186309, 2996027, 2996028	296	16	76	69	125	6x15.5	1x8.5								
			R	DISC	**IV1078**	0 0299 6027, 02996027, 046393181, 07186309, 2996027, 2996028	296	16	76	69	125	6x15.5	1x8.5								
			R	DISC	**IV1078**	0 0299 6027, 02996027, 046393181, 07186309, 2996027, 2996028	296	16	76	69	125	6x15.5	1x8.5								
	2006		R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
Daily 45.10	1985	1996	F	DISC	**IV1002**	1904531, 500039184, 8584182	280	16	124	142	170	6xM18	3T	WP709							
	1996	1999	F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022		WA248			
	1985	1996	R	DRUM	**IV1001**	10402, 7165402	270	91	130	144	170	6x19	1CS							MB/80/81/1	
			R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1996	1999	R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022		WA248			WBSK0011
Daily 45C11, C12, C13, C14, C15, C17, C18		2005	F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022					

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	2005		F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022					
			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP192							
			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP192							
			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP1102							
	2006		F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP1102		WL022					
	1996	2005	R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
	2005		R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
	2006		R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
Daily 49.10	1985	1995	F	DISC	**IV1002**	1904531, 500039184, 8584182	280	16	124	142	170	6xM18	3T	WP709							
	1996		F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022		WA248			
	1985	1995	R	DRUM	**IV1001**	10402, 7165402	270	91	130	144	170	6x19	1CS							MB/80/81/1	
			R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1996		R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022		WA248			WBSK0011
Daily 49.12	1985	1994	F	DISC	**IV1002**	1904531, 500039184, 8584182	280	16	124	142	170	6xM18	3T	WP709							
	1994	1999	F	DISC	**IV1021**	01904693, 01904696, 93814391, 93814402	290	25	161	160	205	6xM18	6x12.5	WP1102		WL022					
	1996		F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022					
	1989	1994	R	DRUM	**IV1001**	10402, 7165402	270	91	130	144	170	6x19	1CS							MB/80/81/1	
			R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1996		R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
Daily 50.12	1985	1992	F	DISC	**IV1002**	1904531, 500039184, 8584182	280	16	124	142	170	6xM18	3T	WP709							
	1992	1996	F	DISC	**IV1021**	01904693, 01904696, 93814391, 93814402	290	25	161	160	205	6xM18	6x12.5	WP852							
	1996	1999	F	DISC	**IV1021**	01904693, 01904696, 93814391, 93814402	290	25	161	160	205	6xM18	6x12.5	WP1350		WL062					
	1992	1996	R	DRUM	**IV1038**	07172788, 7172788	310	108	165	140	205	6x18	2T							PB/23/26/1	
	1996	1999	R	DRUM	**IV1038**	07172788, 7172788	310	108	165	140	205	6x18	2T							PB/23/26/1	
Daily 50C11	1999	2006	F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022		WA248			
			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP1102		WL022		WA248			
			R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022		WA250			WBSK0011
Daily 50C12			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP1102		WL022					
			R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
Daily 50C13			F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022		WA248			
			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP1102		WL022		WA248			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022		WA250			WBSK0011
Daily 50C14			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP1102		WL022					
			R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
Daily 50C15			F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022		WA248			
			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP1102		WL022		WA248			
	2006		F	DISC	**IV1092**	2996121, 504121612	290	28	64	46	95	9x12.5		WP229		WL074	WL074				
	1999	2006	R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022		WA250			WBSK0011
	2006		R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
Daily 50C17	1999	2006	F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022		WA248			
			F	DISC	**IV1079**	42546401, 500039191, 504079365, 504079365, 504080994, 93831918	290	22	130 / 64	110	95	6x12.6		WP1102		WL022		WA248			
			R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022		WA250			WBSK0011
Daily 50C18	2006		F	DISC	**IV1092**	2996121, 504121612	290	28	64	46	95	9x12.5		WP229		WL074					
			R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
Daily 55S17 4x4			F	DISC	**IV1116**	42558752, 5000545467, 500054547, 500054548, 504267884	297	22	85	77.6	150	6x15.3	6xM6 : 99 PCD	WP1102							
			R	DRUM	**IV1001**	10402, 7165402	270	91	130	144	170	6x19	1CS								
Daily 59.12	1985	1992	F	DISC	**IV1002**	1904531, 500039184, 8584182	280	16	124	142	170	6xM18	3T	WP709							
	1992	1996	F	DISC	**IV1021**	01904693, 01904696, 93814391, 93814402	290	25	161	160	205	6xM18	6x12.5	WP852							
	1996	1999	F	DISC	**IV1021**	01904693, 01904696, 93814391, 93814402	290	25	161	160	205	6xM18	6x12.5	WP1350		WL062					
	1999		F	DISC	**IV1068**	0042471214, 042575664, 500039194, 500322079	290	26	80	53	110	6x12.6	3T	WP1390		WL022		WA249			
		2006	F	DISC	**IV1068**	0042471214, 042575664, 500039194, 500322079	290	26	80	53	110	6x12.6	3T	WP1390		WL022		WA249			
	2006		F	DISC	**IV1093**	02996122, 2996122, 501121723, 504121723, 5801718330	300	30	83	59	111	9x14.5		WP1126		WL022					
	1992	1996	R	DRUM	**IV1038**	07172788, 7172788	310	108	165	140	205	6x18	2T							PB/23/26/1	
	1996	1999	R	DRUM	**IV1038**	07172788, 7172788	310	108	165	140	205	6x18	2T							PB/23/26/1	
	1999		R	DISC	**IV1069**	42471150, 500039192, 7182874	306	22	178	137	215	6xM10		WP1102		WL022					
		2006	R	DISC	**IV1069**	42471150, 500039192, 7182874	306	22	178	137	215	6xM10		WP1102							
	2006		R	DISC	**IV1095**	02996049, 07186848, 2996049, 46393184, 7186848	306	28	178	132	215	6xM10									
Daily 60C11, C12, C13, C14, C15, C17, C18	1999	2006	F	DISC	**IV1068**	0042471214, 042575664, 500039194, 500322079	290	26	80	53	110	6x12.6	3T	WP1390		WL022		WA249			
	2006		F	DISC	**IV1093**	02996122, 2996122, 501121723, 504121723, 5801718330	300	30	83	59	111	9x14.5		WP1126		WL022					
	1999	2006	R	DISC	**IV1069**	42471150, 500039192, 7182874	306	22	178	137	215	6xM10		WP1102		WL022					
	2006		R	DISC	**IV1095**	02996049, 07186848, 2996049, 46393184, 7186848	306	28	178	132	215	6xM10		WP233		WL074					
Daily 65C11, C13, C14, C17, C18	1999	2006	F	DISC	**IV1068**	0042471214, 042575664, 500039194, 500322079	290	26	80	53	110	6x12.6	3T	WP1390		WL022		WA249			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	2006		F	DISC	**IV1093**	02996122, 2996122, 501121723, 504121723, 5801718330	300	30	83	59	111	9x14.5		WP1126		WL022					
	1999	2006	R	DISC	**IV1069**	42471150, 500039192, 7182874	306	22	178	137	215	6xM10		WP1102		WL022					
	2006		R	DISC	**IV1095**	02996049, 07186848, 2996049, 46393184, 7186848	306	28	178	132	215	6xM10		WP233		WL074					
Daily 70C14, 70C17, 70C18	2011		F	DISC	**IV1093**	02996122, 2996122, 501121723, 504121723, 5801718330	300	30	83	59	111	9x14.5		WP1126		WL022					
			R	DISC	**IV1095**	02996049, 07186848, 2996049, 46393184, 7186848	306	28	178	132	215	6xM10		WP233		WL074					
Eurocargo 60E, 65E, 75E	1991	1996	F	DISC	**IV1006**	01907528, 01907725, 01908577, 07173036, 07182681, 1097528	304	30	165	128	205	6x18	2T	WP1126		WL001	WL001	WA236			
			F	DISC	**IV1006WS**	01907528, 01907725, 01908577, 07173036	304	30	165	128	205	6x18	2T	WP1126		WL001	WL001	WA236			
	1997	2006	F	DISC	**IV1006**	01907528, 01907725, 01908577, 07173036, 07182681, 1097528	304	30	165	128	205	6x18	2T	WP1126		WL019		WA233	WA233A		
			F	DISC	**IV1006WS**	01907528, 01907725, 01908577, 07173036	304	30	165	128	205	6x18	2T	WP1126		WL019		WA233	WA233A		
	2006	2007	F	DISC	**IV1089**	2996010, 2996733, 500039939, 7187567	304	30	165	128.5	205	6x18	2T	WP1556		WL019	WL019	WA255			
		2008	F	DISC	**IV1100**	2996010, 7187567	304	30	165	128.5	205	6x18	2T	WP1556		WL019	WL019	WA255			
	2007		F	DISC	**IV1106**	2996419, 7189265	330	32	185	129.5	245	6x20	2T	WP1556		WL019	WL019	WA255			
	1991	1996	R	DISC	**IV1006**	01907528, 01907725, 01908577, 07173036, 07182681, 1097528	304	30	165	128	205	6x18	2T	WP1126		WL001	WL001	WA236			
			R	DISC	**IV1007WS**	1907529, 1907725, 1908577, 7173036	304	30	165	128	205	6x18	2T	WP1126		WL001	WL001	WA236			
	1997	2006	R	DISC	**IV1006**	01907528, 01907725, 01908577, 07173036, 07182681, 1097528	304	30	165	128	205	6x18	2T	WP1126		WL019		WA233	WA233A		
			R	DISC	**IV1007WS**	1907529, 1907725, 1908577, 7173036	304	30	165	128	205	6x18	2T	WP1126		WL019		WA233	WA233A		
	2006	2007	R	DISC	**IV1089**	2996010, 2996733, 500039939, 7187567	304	30	165	128.5	205	6x18	2T	WP1556		WL019	WL019	WA255			
		2008	R	DISC	**IV1101**	2996010, 7187567	304	30	165	128.5	205	6x18	2T	WP1556		WL019	WL019	WA255			
	2007		R	DISC	**IV1103**	02996418, 07189456, 2996418, 7189456	330	32	185	129.5	245	6x20		WP1556		WL019	WL019	WA255			
Eurocargo 60.12	1987	1991	F	DISC	**IV1016**	1904532, 7168368, 7171274, 87171274	315	26	160	120	205	6x18 (STUDS M18 x 1.5)	2T	WP503							
	2000		F	DISC	**IV1067**	0001906466, 0002997450, 0007182199, 0007183632, 01908719, 13162033	330	34	215	141	275	8x20	2T	WP1279		WL024		WA235			
			F	DISC	**IV1067**	0001906466, 0002997450, 0007182199, 0007183632, 01908719, 13162033	330	34	215	141	275	8x20	2T	WP1279		WL024		WA235			
	1987	1991	R	DRUM	**IV1005**	4715416, 7160113, 7165564, 790111	325	128	255	158	280	6x13									
			R	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
	2000		R	DISC	**IV1067**	0001906466, 0002997450, 0007182199, 0007183632, 01908719, 13162033	330	34	215	141	275	8x20	2T	WP1279		WL024		WA235			
			R	DISC	**IV1067**	0001906466, 0002997450, 0007182199, 0007183632, 01908719, 13162033	330	34	215	141	275	8x20	2T	WP1279		WL024		WA235			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Eurocargo 60E - With 330mm diameter discs	2007		F	DISC	**IV1106**	2996419, 7189265	330	32	185	129.5	245	6x20	2T	WP1556		WL019	WL019	WA255			
			R	DISC	**IV1103**	02996418, 07189456, 2996418, 7189456	330	32	185	129.5	245	6x20		WP1556		WL019	WL019	WA255			
Eurocargo 65E	1991	1996	F	DISC	**IV1006**	01907528, 01907725, 01908577, 07173036, 07182681, 1097528	304	30	165	128	205	6x18	2T	WP1126		WL001	WL001	WA236			
			F	DISC	**IV1006WS**	01907528, 01907725, 01908577, 07173036	304	30	165	128	205	6x18	2T	WP1126		WL001	WL001	WA236			
	1997	2006	F	DISC	**IV1006**	01907528, 01907725, 01908577, 07173036, 07182681, 1097528	304	30	165	128	205	6x18	2T	WP1126		WL019		WA233			
			F	DISC	**IV1006WS**	01907528, 01907725, 01908577, 07173036	304	30	165	128	205	6x18	2T	WP1126		WL019		WA236			
	2006	2008	F	DISC	**IV1089**	2996010, 2996733, 500039939, 7187567	304	30	165	128.5	205	6x18	2T	WP1556		WL019	WL019	WA255			
			F	DISC	**IV1100**	2996010, 7187567	304	30	165	128.5	205	6x18	2T	WP1556		WL019	WL019	WA255			
	1991	1996	R	DISC	**IV1006**	01907528, 01907725, 01908577, 07173036, 07182681, 1097528	304	30	165	128	205	6x18	2T	WP1126		WL001	WL001	WA236			
			R	DISC	**IV1007WS**	1907529, 1907725, 1908577, 7173036	304	30	165	128	205	6x18	2T	WP1126		WL001	WL001	WA236			
	1997	2006	R	DISC	**IV1006**	01907528, 01907725, 01908577, 07173036, 07182681, 1097528	304	30	165	128	205	6x18	2T	WP1126		WL019		WA233			
			R	DISC	**IV1007WS**	1907529, 1907725, 1908577, 7173036	304	30	165	128	205	6x18	2T	WP1126		WL019		WA233			
	2006	2008	R	DISC	**IV1089**	2996010, 2996733, 500039939, 7187567	304	30	165	128.5	205	6x18	2T	WP1556		WL019	WL019	WA255			
			R	DISC	**IV1101**	2996010, 7187567	304	30	165	128.5	205	6x18	2T	WP1556		WL019	WL019	WA255			
Eurocargo 65E - With 330mm diameter discs	2007		F	DISC	**IV1106**	2996419, 7189265	330	32	185	129.5	245	6x20	2T	WP1556		WL019	WL019	WA255			
			R	DISC	**IV1103**	02996418, 07189456, 2996418, 7189456	330	32	185	129.5	245	6x20		WP1556		WL019	WL019	WA255			
Eurocargo 75E	1991	1996	F	DISC	**IV1006**	01907528, 01907725, 01908577, 07173036, 07182681, 1097528	304	30	165	128	205	6x18	2T	WP1126		WL001	WL001	WA236			
			F	DISC	**IV1006WS**	01907528, 01907725, 01908577, 07173036	304	30	165	128	205	6x18	2T	WP1126		WL001	WL001	WA236			
	1997	2006	F	DISC	**IV1006**	01907528, 01907725, 01908577, 07173036, 07182681, 1097528	304	30	165	128	205	6x18	2T	WP1126		WL019		WA233			
			F	DISC	**IV1006WS**	01907528, 01907725, 01908577, 07173036	304	30	165	128	205	6x18	2T	WP1126		WL019		WA233			
	2006	2008	F	DISC	**IV1089**	2996010, 2996733, 500039939, 7187567	304	30	165	128.5	205	6x18	2T	WP1556		WL019	WL019	WA255			
			F	DISC	**IV1100**	2996010, 7187567	304	30	165	128.5	205	6x18	2T	WP1556		WL019	WL019	WA255			
	1991	1996	R	DISC	**IV1006**	01907528, 01907725, 01908577, 07173036, 07182681, 1097528	304	30	165	128	205	6x18	2T	WP1126		WL001	WL001	WA236			
			R	DISC	**IV1007WS**	1907529, 1907725, 1908577, 7173036	304	30	165	128	205	6x18	2T	WP1126		WL001	WL001	WA236			
	1997	2006	R	DISC	**IV1006**	01907528, 01907725, 01908577, 07173036, 07182681, 1097528	304	30	165	128	205	6x18	2T	WP1126		WL019		WA233			
			R	DISC	**IV1007WS**	1907529, 1907725, 1908577, 7173036	304	30	165	128	205	6x18	2T	WP1126		WL019		WA233			
	2006	2008	R	DISC	**IV1089**	2996010, 2996733, 500039939, 7187567	304	30	165	128.5	205	6x18	2T	WP1556		WL019	WL019	WA255			
			R	DISC	**IV1101**	2996010, 7187567	304	30	165	128.5	205	6x18	2T	WP1556		WL019	WL019	WA255			
Eurocargo 75E - With 330mm diameter discs	2007		F	DISC	**IV1106**	2996419, 7189265	330	32	185	129.5	245	6x20	2T	WP1556		WL019	WL019	WA255			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**IV1103**	02996418, 07189456, 2996418, 7189456	330	32	185	129.5	245	6x20		WP1556		WL019	WL019	WA255			
Eurocargo 80E	1991	2005	F	DISC	**IV1009**	01907526, 01907527, 01907530, 01907726, 01908578, 07172018	322	30	215	134	275	8x20	2T	WP733		WL001	WL001				
	2006		F	DISC	**IV1009**	01907526, 01907527, 01907530, 01907726, 01908578, 07172018	322	30	215	134	275	8x20	2T	WP1126		WL001	WL001	WA233			
	1991	2005	R	DISC	**IV1009**	01907526, 01907527, 01907530, 01907726, 01908578, 07172018	322	30	215	134	275	8x20	2T	WP733		WL001	WL001				
	2006		R	DISC	**IV1099**	2996009, 7187569	322	30	215	134	275	8x20	2T	WP1126		WL001	WL001	WA233			
Eurocargo 90E	2000		F	DISC	**IV1009**	01907526, 01907527, 01907530, 01907726, 01908578, 07172018	322	30	215	134	275	8x20	2T	WP733		WL001	WL001				
	2007		F	DISC	**IV1106**	2996419, 7189265	330	32	185	129.5	245	6x20	2T	WP1556		WL019	WL019	WA255			
	2000		R	DISC	**IV1009**	01907526, 01907527, 01907530, 01907726, 01908578, 07172018	322	30	215	134	275	8x20	2T	WP733		WL001	WL001				
	2007		R	DISC	**IV1103**	02996418, 07189456, 2996418, 7189456	330	32	185	129.5	245	6x20		WP1556		WL019	WL019	WA255			
Eurocargo 95E	1997		F	DISC	**IV1009**	01907526, 01907527, 01907530, 01907726, 01908578, 07172018	322	30	215	134	275	8x20	2T	WP733		WL001	WL001				
	1999		F	DISC	**IV1068**	0042471214, 042575664, 500039194, 500322079	290	26	80	53	110	6x12.6	3T	WP1390		WL022		WA249			
	1997		R	DISC	**IV1009**	01907526, 01907527, 01907530, 01907726, 01908578, 07172018	322	30	215	134	275	8x20	2T	WP733		WL001	WL001				
	1999		R	DISC	**IV1069**	42471150, 500039192, 7182874	306	22	178	137	215	6xM10		WP1102							
Eurocargo 100E	1991	2006	F	DISC	**IV1009**	01907526, 01907527, 01907530, 01907726, 01908578, 07172018	322	30	215	134	275	8x20	2T	WP733		WL001	WL001				
	2006		F	DISC	**IV1009**	01907526, 01907527, 01907530, 01907726, 01908578, 07172018	322	30	215	134	275	8x20	2T	WP733		WL001	WL001				
	2007		F	DISC	**IV1106**	2996419, 7189265	330	32	185	129.5	245	6x20	2T	WP1556		WL019	WL019	WA255			
	1991	2006	R	DISC	**IV1009**	01907526, 01907527, 01907530, 01907726, 01908578, 07172018	322	30	215	134	275	8x20	2T	WP733		WL001	WL001				
	2006		R	DISC	**IV1099**	2996009, 7187569	322	30	215	134	275	8x20	2T	WP733		WL001	WL001				
	2007		R	DISC	**IV1103**	02996418, 07189456, 2996418, 7189456	330	32	185	129.5	245	6x20		WP1556		WL019	WL019	WA255			
Eurocargo 100E18W, E22W 4 x 4	2006		F	DRUM	**IV1096**	42159122	381	190	285	240	335	10x23	2CS2T							CW/4/2	
			R	DRUM	**IV1057**	42063017	381	182	285	273	335	10x23	2CB2T							CW/4/2	
			R	DRUM	**IV1087**	42037950	325	151	170	209	205	6x19	2T								
Eurocargo 110E	1991	1999	F	DISC	**IV1018**	00172882, 001907568, 007172881, 01907568, 07172880, 500039934	370	45	215	150	275	8x20	2T	WP770		WL008	WL008				
			F	DISC	**IV1018**	00172882, 001907568, 007172881, 01907568, 07172880, 500039934	370	45	215	150	275	8x20	2T	WP1279		WL024		WA235			
	2000		F	DISC	**IV1067**	0001906466, 0002997450, 0007182199, 0007183632, 01908719, 13162033	330	34	215	141	275	8x20	2T	WP1279		WL024		WA235			
	1991	1999	R	DRUM	**IV1025**	7166307, 7172552, 7910298	360	179	228	231	275	8x22	2CS2CB2T							PB/22/1 PSV	
			R	DRUM	**IV1026**	7167613, 7173107, 7744095, 7910340	360	176	228	250	275	8x23.5	2CB2T							PB/22/1 PSV	
	2000		R	DISC	**IV1067**	0001906466, 0002997450, 0007182199, 0007183632, 01908719, 13162033	330	34	215	141	275	8x20	2T	WP1279		WL024		WA235			
Eurocargo 120E	1991	2000	F	DISC	**IV1018**	00172882, 001907568, 007172881, 01907568, 07172880, 500039934	370	45	215	150	275	8x20	2T	WP770		WL008	WL008				

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DISC	**IV1018**	00172882, 001907568, 007172881, 01907568, 07172880, 500039934	370	45	215	150	275	8x20	2T	WP1279		WL024		WA235			
	2000		F	DISC	**IV1067**	0001906466, 0002997450, 0007182199, 0007183632, 01908719, 13162033	330	34	215	141	275	8x20	2T	WP1279		WL024		WA235			
	2006		F	DISC	**IV1065**	2992271, 7183804	377	45	215	151	275	8x20.5	2T	WP1329		WL063		WA231	WA238		
	1991	2000	R	DRUM	**IV1025**	7166307, 7172552, 7910298	360	179	228	231	275	8x22	2CS2CB2T							PB/22/1 PSV	
			R	DRUM	**IV1026**	7167613, 7173107, 7744095, 7910340	360	176	228	250	275	8x23.5	2CB2T							PB/22/1 PSV	
	2000		R	DISC	**IV1067**	0001906466, 0002997450, 0007182199, 0007183632, 01908719, 13162033	330	34	215	141	275	8x20	2T	WP1279		WL024		WA235			
	2006		R	DISC	**IV1083**	2992635, 2996709, 7184077, 7184081, 7187713, 7189860 Check stud size	377	45	225	151	275	8x20	2T	WP1329		WL063		WA231	WA238		
Eurocargo 130E up to 1999	1991	2000	F	DISC	**IV1018**	00172882, 001907568, 007172881, 01907568, 07172880, 500039934	370	45	215	150	275	8x20	2T	WP770		WL008	WL008				
	2000		F	DISC	**IV1018**	00172882, 001907568, 007172881, 01907568, 07172880, 500039934	370	45	215	150	275	8x20	2T	WP770		WL012					
			F	DISC	**IV1065**	2992271, 7183804	377	45	215	151	275	8x20.5	2T	WP1329				WA231			
	1991	2000	R	DRUM	**IV1025**	7166307, 7172552, 7910298	360	179	228	231	275	8x22	2CS2CB2T							PB/22/1 PSV	
			R	DRUM	**IV1026**	7167613, 7173107, 7744095, 7910340	360	176	228	250	275	8x23.5	2CB2T							PB/22/1 PSV	
	2000		R	DISC	**IV1083**	2992635, 2996709, 7184077, 7184081, 7187713, 7189860 Check stud size	377	45	225	151	275	8x20	2T	WP770							
			R	DISC	**IV1083**	2992635, 2996709, 7184077, 7184081, 7187713, 7189860 Check stud size	377	45	225	151	275	8x20	2T	WP1329				WA231			
Eurocargo 130E - Bendix Brake			F	DISC	**IV1018**	00172882, 001907568, 007172881, 01907568, 07172880, 500039934	370	45	215	150	275	8x20	2T	WP770		WL012					
			R	DISC	**IV1083**	2992635, 2996709, 7184077, 7184081, 7187713, 7189860 Check stud size	377	45	225	151	275	8x20	2T	WP770		WL012					
Eurocargo 130E - Knorr Brake			F	DISC	**IV1065**	2992271, 7183804	377	45	215	151	275	8x20.5	2T	WP1329		WL031	WL031	WA231	WA238		
			R	DISC	**IV1083**	2992635, 2996709, 7184077, 7184081, 7187713, 7189860 Check stud size	377	45	225	151	275	8x20	2T	WP1329		WL031	WL031	WA231	WA238		
Eurocargo 135E	1997		F	DISC	**IV1018**	00172882, 001907568, 007172881, 01907568, 07172880, 500039934	370	45	215	150	275	8x20	2T	WP770		WL008	WL008				
			R	DRUM	**IV1025**	7166307, 7172552, 7910298	360	179	228	231	275	8x22	2CS2CB2T							PB/22/1 PSV	
			R	DRUM	**IV1026**	7167613, 7173107, 7744095, 7910340	360	176	228	250	275	8x23.5	2CB2T							PB/22/1 PSV	
			R	DRUM	**IV1057**	42063017	381	182	285	273	335	10x23	2CB2T							CW/4/2	
			R	DRUM	**IV1096**	42159122	381	190	285	240	335	10x23	2CS2T							CW/4/2	
Eurocargo 140E	1991	1999	F	DISC	**IV1018**	00172882, 001907568, 007172881, 01907568, 07172880, 500039934	370	45	215	150	275	8x20	2T	WP770		WL012					
	2000	2006	F	DISC	**IV1018**	00172882, 001907568, 007172881, 01907568, 07172880, 500039934	370	45	215	150	275	8x20	2T	WP770		WL012					
			F	DISC	**IV1065**	2992271, 7183804	377	45	215	151	275	8x20.5	2T	WP1329		WL031	WL031	WA231	WA238		
	2006		F	DISC	**IV1077**	002995702, 002995894, 002996708, 007187541, 007189976, 2995702	377	45	113	106.5	144	14x15		WP1329		WL031	WL031	WA231	WA238		
	1991	1999	R	DRUM	**IV1025**	7166307, 7172552, 7910298	360	179	228	231	275	8x22	2CS2CB2T							PB/22/1 PSV	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**IV1026**	7167613, 7173107, 7744095, 7910340	360	176	228	250	275	8x23.5	2CB2T							PB/22/1 PSV	
	2000	2006	R	DISC	**IV1083**	2992635, 2996709, 7184077, 7184081, 7187713, 7189860 Check stud size	377	45	225	151	275	8x20	2T	WP1329		WL031	WL031	WA231	WA238		
			R	DISC	**IV1083**	2992635, 2996709, 7184077, 7184081, 7187713, 7189860 Check stud size	377	45	225	151	275	8x20	2T	WP770							
	2006		R	DISC	**IV1090**	02992636, 02996710, 07184078, 07184082, 07187714, 07189860 Check stud size	377	45	225	151	275	8x22		WP1329		WL031	WL031	WA231	WA238		
Eurocargo 150E	1991	1999	F	DISC	**IV1019**	01907569, 172930, 500039935, 7172928, 7172929, 7172930	370	45	215	181	275	8x22.5	2T	WP770		WL008	WL008				
	2000		F	DISC	**IV1066**	000299 2291, 000718 7712, 0007189 858, 00299 2291, 00718 7712, 07187712	375	45	215	151	275	8x22.5	2T	WP1329		WL031	WL031	WA231	WA238		
	2006		F	DISC	**IV1077**	002995702, 002995894, 002996708, 007187541, 007189976, 2995702	377	45	113	106.5	144	14x15		WP1329		WL031	WL031	WA231	WA238		
	1991	1999	R	DRUM	**IV1026**	7167613, 7173107, 7744095, 7910340	360	176	228	250	275	8x23.5	2CB2T							PB/22/1 PSV	
	2000		R	DISC	**IV1083**	2992635, 2996709, 7184077, 7184081, 7187713, 7189860 Check stud size	377	45	225	151	275	8x20	2T	WP1329		WL031	WL031	WA231	WA238		
	2006		R	DISC	**IV1090**	02992636, 02996710, 07184078, 07184082, 07187714, 07189860 Check stud size	377	45	225	151	275	8x22		WP1329		WL064		WA231	WA238		
Eurocargo 150E - With drums fitted	2004		F	DRUM	**IV1058**	7173383	381	186	285	239	335	10x23	2CB2T							CW/4/2	
			R	DRUM	**IV1057**	42063017	381	182	285	273	335	10x23	2CB2T							CW/4/2	
Eurocargo 160E	2006		F	DISC	**IV1077**	002995702, 002995894, 002996708, 007187541, 007189976, 2995702	377	45	113	106.5	144	14x15		WP1329		WL031	WL031	WA231	WA238		
			R	DRUM	**IV1057**	42063017	381	182	285	273	335	10x23	2CB2T							CW/4/2	
			R	DISC	**IV1090**	02992636, 02996710, 07184078, 07184082, 07187714, 07189860 Check stud size	377	45	225	151	275	8x22		WP1329		WL031	WL031	WA231	WA238		
Eurocargo 170E	1991	1998	F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL008	WL008				
	1998		F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			F	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
	1991	1998	R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
	1998		R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
			R	DRUM	**IV1096**	42159122	381	190	285	240	335	10x23	2CS2T							CW/4/2	
Eurocargo 175E	1991	1998	F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL008	WL008				
			F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL008	WL008				
	1998		F	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017		WA230	WA231		
			F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017		WA230	WA231		
	1991	1998	R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
			R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1998		R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
Eurocargo 176E	1991	1998	F	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
			F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL008	WL008				
			F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL008	WL008				
	1998		F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017		WA230	WA231		
			F	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017		WA230	WA231		
	1991	1998	R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
	1998		R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
Eurocargo 179E	1991	1998	F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL008	WL008				
	1998		F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			F	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
	1991	1998	R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
	1998		R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
Eurocargo 180E	1991	1999	F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL008	WL008				
	2000	2005	F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017		WA230	WA231		
			F	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
	2006		F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017		WA230	WA231		
			F	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
	1991	1999	R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
	2000	2005	R	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017		WA230	WA231		
			R	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
	2006		R	DISC	**IV1082+**	- WITH KTL COATED STEEL ABS RING, 002995812, 002996328, 007185503, 7189476, I0007189476	431	45	210	138.5 DISC / 154.5 INC ABS RING	240	12xM16		WP988	WP988S2	WL017		WA230	WA231		
			R	DISC	**IV1082**	- WITH CAST ABS TEETH, 002995812, 002996328, 007185503, 7189476, I0007189476	431	45	210	138.5	240	12xM16		WP988	WP988S2	WL017		WA230	WA231		
Eurocargo 210E	1991		F	DISC	**IV1019**	01907569, 172930, 500039935, 7172928, 7172929, 7172930	370	45	215	181	275	8x22.5	2T	WP770		WL008	WL008				
			R	DRUM	**IV1026**	7167613, 7173107, 7744095, 7910340	360	176	228	250	275	8x23.5	2CB2T							PB/22/1 PSV	
Eurocargo 250E			F	DISC	**IV1019**	01907569, 172930, 500039935, 7172928, 7172929, 7172930	370	45	215	181	275	8x22.5	2T	WP770		WL008	WL008				
		1996	F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL008					
	1997		F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017		WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
	1991		R	DRUM	**IV1026**	7167613, 7173107, 7744095, 7910340	360	176	228	250	275	8x23.5	2CB2T							PB/22/1 PSV	
		1996	R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/24/2	
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							RW/29/2	
	1997		R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							RW/29/2	
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/25/2	
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							RW/28/2	
Eurocargo 260E	1991		F	DISC	**IV1019**	01907569, 172930, 500039935, 7172928, 7172929, 7172930	370	45	215	181	275	8x22.5	2T	WP770		WL008	WL008				
			R	DRUM	**IV1026**	7167613, 7173107, 7744095, 7910340	360	176	228	250	275	8x23.5	2CB2T							PB/22/1 PSV	
			R	DRUM	**IV1057**	42063017	381	182	285	273	335	10x23	2CB2T							CW/4/2	
			R	DRUM	**IV1096**	42159122	381	190	285	240	335	10x23	2CS2T							CW/4/2	
Eurocargo 280E			F	DISC	**IV1019**	01907569, 172930, 500039935, 7172928, 7172929, 7172930	370	45	215	181	275	8x22.5	2T	WP770		WL008	WL008				
			R	DRUM	**IV1026**	7167613, 7173107, 7744095, 7910340	360	176	228	250	275	8x23.5	2CB2T							PB/22/1 PSV	
Eurocargo 320E			F	DISC	**IV1019**	01907569, 172930, 500039935, 7172928, 7172929, 7172930	370	45	215	181	275	8x22.5	2T	WP770		WL008	WL008				
			R	DRUM	**IV1026**	7167613, 7173107, 7744095, 7910340	360	176	228	250	275	8x23.5	2CB2T							PB/22/1 PSV	
Eurocargo 325E		1998	F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL008	WL008				
	1998		F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017		WA230	WA231		
			F	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
	1991	1998	R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
	1998		R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
Eurocargo 390E	1991	1998	F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL008	WL008				
			R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
Eurofire 130E, 150E			F	DISC	**IV1018**	00172882, 001907568, 007172881, 01907568, 07172880, 500039934	370	45	215	150	275	8x20	2T	WP770		WL008	WL008				
			R	DRUM	**IV1025**	7166307, 7172552, 7910298	360	179	228	231	275	8x22	2CS2CB2T							PB/22/1 PSV	
Eurostar - With Front & Rear Discs	1998		F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			F	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
Eurostar - With Perrot Rear Brake	1992	1997	F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL008	WL008				
		1998	F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL008	WL008				
	1998		F	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1992	1997	R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/24/2	
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/25/2	
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							RW/28/2	
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							RW/29/2	
			R	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL008	WL008				
		1998	R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/24/2	
	1998		R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/24/2	
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/24/2	
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/25/2	
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							RW/28/2	
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							RW/29/2	
			R	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DRUM	**IV1053**	7180996	410	205	285	256	335	10x23	2CB2T								
			R	DRUM	**IV1057**	42063017	381	182	285	273	335	10x23	2CB2T							CW/4/2	
			R	DRUM	**IV1058**	7173383	381	186	285	239	335	10x23	2CB2T							CW/4/2	
			R	DRUM	**IV1062**	7183048	410	190	285	257	335	10x23	2CB2T							PB/25/2	
			R	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
Eurostar - With Rockwell Rear Brake	1993	1998	F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773							
	1998		F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
	1993	1998	R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							RW/29/2	
	1998		R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							RW/29/32/33	
			R	DRUM	**IV1062**	7183048	410	190	285	257	335	10x23	2CB2T							RW/28/2	
Eurotech - With Perrot Rear Brake	1992	1998	F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL008	WL008				
	1998		F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			F	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
	1992	1998	R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/24/2	
			R	DRUM	**IV1028**	7172329	410	190	285	250	335	10x23	2CB2T							PB/25/2	
	1998		R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/24/2	
			R	DRUM	**IV1028**	7172329	410	190	285	250	335	10x23	2CB2T							PB/25/2	
			R	DRUM	**IV1053**	7180996	410	205	285	256	335	10x23	2CB2T								
			R	DRUM	**IV1062**	7183048	410	190	285	257	335	10x23	2CB2T							PB/25/2	
			R	DRUM	**IV1076**	07180996, 7183046	410	205	285	256	335	10x23	2CB2T							PB/41/2	
Eurotech - With Rockwell Brake	1992	1998	F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL008	WL008				
	1999		F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
	1992	1998	R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							RW/29/2	
			R	DRUM	**IV1028**	7172329	410	190	285	250	335	10x23	2CB2T							RW/28/2	
	1999		R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							RW/29/32/33	
			R	DRUM	**IV1028**	7172329	410	190	285	250	335	10x23	2CB2T							RW/28/2	
			R	DRUM	**IV1062**	7183048	410	190	285	257	335	10x23	2CB2T							RW/28/2	

WINNARD			Position			X-Ref															
Model	**From**	**To**		**Type**	**Winnard**	**Cross Reference numbers and notes**	**Disc and Drum Dimensions**							**Standard**	**Stage 2**	**W/Lead**	**W/Lead***	**F/Kit**	**F/Kit***	**Lining**	**Lined Shoe Kit**
Eurotech - With Wedge Type Rear Brakes	1992	1998	F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL008	WL008				
			R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
Eurotrakker - Brake Discs	1999		F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			F	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
Eurotrakker - Perrot brakes	1993	1998	F	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/24/2	
			F	DRUM	**IV1028**	7172329	410	190	285	250	335	10x23	2CB2T							PB/25/2	
			F	DRUM	**IV1059**	42102142, 42118430	410	194	285	242	335	10x23	2CS2T							PB/25/2	
			F	DRUM	**IV1063**	7183049	410	190	285	244	335	10x23	2CS2T							PB/25/2	
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/24/2	
			R	DRUM	**IV1029**	42102583, 42118427	410	206	285	283	335	10x23	2CS2T							PB/24/2	
			R	DRUM	**IV1037**	42102879, 42108279, 42118426	410	197	285	272	335	10x23	2CS2T							PB/25/2	
			R	DRUM	**IV1053**	7180996	410	205	285	256	335	10x23	2CB2T							PB/24/2	
			R	DRUM	**IV1060**	07183050, 7183050	410	214	22	289	335	10x23	2CB2T								
			R	DRUM	**IV1062**	7183048	410	190	285	257	335	10x23	2CB2T							PB/24/2	
Eurotrakker - Rockwell brakes		1999	F	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							RW/29/2	
			F	DRUM	**IV1063**	7183049	410	190	285	244	335	10x23	2CS2T							RW/28/2	
	1999		F	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							RW/29/32/33	
			F	DRUM	**IV1063**	7183049	410	190	285	244	335	10x23	2CS2T							RW/28/2	
	1993	1999	R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							RW/29/2	
			R	DRUM	**IV1029**	42102583, 42118427	410	206	285	283	335	10x23	2CS2T							RW/29/2	
			R	DRUM	**IV1037**	42102879, 42108279, 42118426	410	197	285	272	335	10x23	2CS2T							RW/28/2	
			R	DRUM	**IV1060**	07183050, 7183050	410	214	22	289	335	10x23	2CB2T							RW/29/2	
			R	DRUM	**IV1062**	7183048	410	190	285	257	335	10x23	2CB2T							RW/28/2	
	1999		R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							RW/29/32/33	
			R	DRUM	**IV1029**	42102583, 42118427	410	206	285	283	335	10x23	2CS2T							RW/29/32/33	
			R	DRUM	**IV1037**	42102879, 42108279, 42118426	410	197	285	272	335	10x23	2CS2T							RW/28/30/31/1	
			R	DRUM	**IV1060**	07183050, 7183050	410	214	22	289	335	10x23	2CB2T							RW/29/32/33	
			R	DRUM	**IV1062**	7183048	410	190	285	257	335	10x23	2CB2T							RW/28/2	
Eurotrakker - S cam brakes	1994		F	DRUM	**IV1047**	92942590	419	186	285	252	335	10x23.5	2CS2T							RW/5/6/4	
			R	DRUM	**IV1057**	42063017	381	182	285	273	335	10x23	2CB2T							CW/4/2	
			R	DRUM	**IV1058**	7173383	381	186	285	239	335	10x23	2CB2T							CW/4/2	
Eurotrakker - Z cam brakes GKN Axle			F	DRUM	**IV1041**	92942008	410	220	281	266	335	10x26	1CS4T							VL/88/2	
			R	DRUM	**IV1046**	42541538	410	207	285	268	335	10x23.5	2CS2T							VL/88/2	
M Series 115 - 159	1985	1986	F	DRUM	**IV1025**	7166307, 7172552, 7910298	360	179	228	231	275	8x22	2CS2CB2T							FI/124/1	
			F	DRUM	**IV1026**	7167613, 7173107, 7744095, 7910340	360	176	228	250	275	8x23.5	2CB2T							FI/124/1	
			R	DRUM	**IV1025**	7166307, 7172552, 7910298	360	179	228	231	275	8x22	2CS2CB2T							FI/124/1	
			R	DRUM	**IV1026**	7167613, 7173107, 7744095, 7910340	360	176	228	250	275	8x23.5	2CB2T							FI/124/1	
M Series 135 - 360	1987		F	DRUM	**FT1005**	50502, 7163802, 71638027, 7910300, 984	381	186	285	243	335	10x23	2CS2T							CW/4/2	
			F	DRUM	**MG1001**	02475817, 02475818, 04711888, 2475817, 2475818, 4711888	381	187	285	235	335	10x23	2CS2T							CW/4/2	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DRUM	**MG1002**	2476108, 2477358, 42003912	381	187	295	229	335	10x23	2CS2T							CW/4/2	
			F	DRUM	**MG1006**	4459413, 4495413	381	187	285	240	335	10x23	2T							CW/4/2	
			R	DRUM	**FT1004**	42003218, 7910130	381	197	285	249	335	10x23	2T							CW/4/2	
			R	DRUM	**FT1005**	50502, 7163802, 71638027, 7910300, 984	381	186	285	243	335	10x23	2CS2T							CW/4/2	
			R	DRUM	**MG1001**	02475817, 02475818, 04711888, 2475817, 2475818, 4711888	381	187	285	235	335	10x23	2CS2T							CW/4/2	
			R	DRUM	**MG1005**	2479853, 2479854	381	187	285	272	335	10x23	2CST							CW/4/2	
Stralis	2002	2006	F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			F	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
	2006		F	DISC	**IV1082+**	- WITH KTL COATED STEEL ABS RING, 002995812, 002996328, 007185503, 7189476, I0007189476	431	45	210	138.5 DISC / 154.5 INC ABS RING	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			F	DISC	**IV1082**	- WITH CAST ABS TEETH, 002995812, 002996328, 007185503, 7189476, I0007189476	431	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			F	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
	2002	2006	R	DRUM	**IV1053**	7180996	410	205	285	256	335	10x23	2CB2T								
			R	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/41/2	
			R	DISC	**IV1064S**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
	2006		R	DRUM	**IV1062**	7183048	410	190	285	257	335	10x23	2CB2T							RW/28/2	
			R	DRUM	**IV1076**	07180996, 7183046	410	205	285	256	335	10x23	2CB2T							PB/41/2	
			R	DISC	**IV1082+**	- WITH KTL COATED STEEL ABS RING, 002995812, 002996328, 007185503, 7189476, I0007189476	431	45	210	138.5 DISC / 154.5 INC ABS RING	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**IV1082**	- WITH CAST ABS TEETH, 002995812, 002996328, 007185503, 7189476, I0007189476	431	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
Stralis 480 X-Way 8x4	2017		F1	DISC	**IV1117**	5802234113	430	45	132	102	168	12x18.7		WP988	WP988S2			WA230			
			F2	DISC	**IV1117**	5802234113	430	45	132	102	168	12x18.7		WP988	WP988S2			WA230			
SuperCargo	1993	1999	F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL008	WL008				
	2000		F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
	1993		R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/24/2	
	2000		R	DRUM	**IV1022**	7173181, 7173281	381	190	285	254	335	10x23	2CB2T							CW/4/2	
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/24/2	
			R	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Z Range 50.8, 50.9, 50.10	1982	1990	F	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
			F	DRUM	**IV1020**	4507533, 7160033	325	89	255	116	280	6x13									
			R	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
			R	DRUM	**IV1020**	4507533, 7160033	325	89	255	116	280	6x13									
Z Range 55.1			F		**TBA**	Part number to be advised															
			R	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
Z Range 60.9, 60.10, 60.11, 65.9, 65.10, 65.12, 79.10	1987		F	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
			R	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
Zeta 65.12 - 79.14	1983	1987	F	DRUM	**IV1005**	4715416, 7160113, 7165564, 790111	325	128	255	158	280	6x13									
			F	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
	1987	1992	F	DISC	**IV1016**	1904532, 7168368, 7171274, 87171274	315	26	160	120	205	6x18 (STUDS M18 x 1.5)	2T	WP1126, WP503		WL001	WL001				
	1992		F	DISC	**IV1017**	01907765, 07171255	322	30	220	130	275	8x19	2T								
	1983	1987	R	DRUM	**IV1005**	4715416, 7160113, 7165564, 790111	325	128	255	158	280	6x13									
			R	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
	1987	1992	R	DRUM	**IV1005**	4715416, 7160113, 7165564, 790111	325	128	255	158	280	6x13									
			R	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
	1992		R	DRUM	**IV1005**	4715416, 7160113, 7165564, 790111	325	128	255	158	280	6x13									
			R	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
Zeta 75.9 A Turbo		1988	F	DRUM	**IV1031**	86010253	310	112	165	179	205	6x20	2CS2T								
			R	DRUM	**IV1032**	86015156	310	130	165	193	205	6x20	2CS2T							SA/26/27/1	
Zeta 80.13, 80.14, 90.13, 90M	1983		F	DRUM	**IV1033**	86015538	325	134	207	201	245	6x20	2CS2T							SA/28/29/1	
			R	DRUM	**IV1034**	86015449	325	155	207	222	245	6x20	2CS2T							SA/30/31/1	
Zeta 90.14, 95.14, 109.14	1987	1992	F	DISC	**IV1016**	1904532, 7168368, 7171274, 87171274	315	26	160	120	205	6x18 (STUDS M18 x 1.5)	2T	WP503							
	1992		F	DISC	**IV1017**	01907765, 07171255	322	30	220	130	275	8x19	2T								
	1987	1992	R	DRUM	**IV1036**	7164441	325	149	228	194	275	8x21.5	2CS2T								
	1992		R	DRUM	**IV1036**	7164441	325	149	228	194	275	8x21.5	2CS2T								
Iveco PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
59.12	1990		F	DISC	**IV1021**	01904693, 01904696, 93814391, 93814402	290	25	161	160	205	6xM18	6x12.5	WP852							
			R	DRUM	**IV1038**	07172788, 7172788	310	108	165	140	205	6x18	2T							PB/23/26/1	
64.12			F	DISC	**IV1021**	01904693, 01904696, 93814391, 93814402	290	25	161	160	205	6xM18	6x12.5	WP852							
			R	DRUM	**IV1038**	07172788, 7172788	310	108	165	140	205	6x18	2T							PB/23/26/1	
315	1981	1998	F	DISC	**IV1030**	0.8016.1600, 080161600, 1904533, 1907920, 42037120, 42116227	315	35	145	154	205	6x18 2T		WP961							
			R		**TBA**	Part number to be advised															

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
370	1978	1983	F	DRUM	**IV1035**	07161879, 603100320	410	206	285	255	335	10x23	2CS2T								
	1979	1979	F	DRUM	**IV1035**	07161879, 603100320	410	206	285	255	335	10x23	2CS2T								
		1983	F	DRUM	**IV1035**	07161879, 603100320	410	206	285	255	335	10x23	2CS2T								
	1984		F	DISC	**IV1043**	1904534, 8124117	417	30	157	80	186	10x18				WL061					
			F	DISC	**IV1043**	1904534, 8124117	417	30	157	80	186	10x18									
			F	DRUM	**IV1035**	07161879, 603100320	410	206	285	255	335	10x23	2CS2T								
	1992		F	DISC	**IV1044**	1904535	425	45	215	166	255	10xM16									
	1978	1983	R		**TBA**	Part number to be advised															
			R	DRUM	**IV1035**	07161879, 603100320	410	206	285	255	335	10x23	2CS2T								
	1979	1979	R		**TBA**	Part number to be advised															
			R	DRUM	**IV1035**	07161879, 603100320	410	206	285	255	335	10x23	2CS2T								
		1983	R		**TBA**	Part number to be advised															
			R	DRUM	**IV1035**	07161879, 603100320	410	206	285	255	335	10x23	2CS2T								
	1984		R		**TBA**	Part number to be advised															
			R	DRUM	**IV1035**	07161879, 603100320	410	206	285	255	335	10x23	2CS2T								
	1992		R		**TBA**	Part number to be advised															
380	1984		F	DISC	**IV1043**	1904534, 8124117	417	30	157	80	186	10x18									
			F	DISC	**IV1050**	93161407	417	28	159	67	186	10x18.5									
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/24/2	
471, 571, 671		1988	F	DISC	**IV1044**	1904535	425	45	215	166	255	10xM16									
	1988		F	DISC	**IV1042**	1907764	425	45	285	171	335	10x22									
			F	DISC	**IV1042**	1907764	425	45	285	171	335	10x22									
			F	DISC	**IV1042**	1907764	425	45	285	171	335	10x22									
	1984	1988	R		**TBA**	Part number to be advised															
	1988		R		**TBA**	Part number to be advised															
			R		**TBA**	Part number to be advised															
			R		**TBA**	Part number to be advised															
A55. 8	1977	1981	F	DRUM	**IV1020**	4507533, 7160033	325	89	255	116	280	6x13									
			R	DRUM	**IV1020**	4507533, 7160033	325	89	255	116	280	6x13									
A55.10			F	DRUM	**IV1020**	4507533, 7160033	325	89	255	116	280	6x13									
	1982	1984	F	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
	1984		F	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
	1977	1981	R	DRUM	**IV1020**	4507533, 7160033	325	89	255	116	280	6x13									
	1982	1984	R	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
	1984		R	DRUM	**IV1005**	4715416, 7160113, 7165564, 790111	325	128	255	158	280	6x13									
A55.13			F	DRUM	**IV1005**	4715416, 7160113, 7165564, 790111	325	128	255	158	280	6x13									
			R	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
A60.10			F	DRUM	**IV1005**	4715416, 7160113, 7165564, 790111	325	128	255	158	280	6x13									
			R	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
A70.12			F	DRUM	**IV1005**	4715416, 7160113, 7165564, 790111	325	128	255	158	280	6x13									
			R	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
A70.14			F	DISC	**IV1017**	01907765, 07171255	322	30	220	130	275	8x19	2T	WP503							
			R	DRUM	**IV1005**	4715416, 7160113, 7165564, 790111	325	128	255	158	280	6x13									
			R	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
A90.14			F	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
			R	DRUM	**IV1008**	21825, 4707532, 50043, 7160035, 7165361	325	109	255	135	280	6x13	4T							FI/120/121/1	
Agora	1995	1997	F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP760	WP760S2	WL013		WA208-1			
	1997		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1047	WP1047S2	WL013	WL013	WA213			
	1995	1997	R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
	1997		R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
	1999		R	DISC	**VO1076**	0001986501, 05001849922, 0501316075, 20564467, 21062580, 500184992	434	45	203	130	235	10xM16		WP1404	WP1404S2	WL028		WA208			
Agora Line			F	DISC	**IV1068**	0042471214, 042575664, 500039194, 500322079	290	26	80	53	110	6x12.6	3T	WP1390		WL022		WA249			
			R	DISC	**IV1069**	42471150, 500039192, 7182874	306	22	178	137	215	6xM10		WP1390				WA249			
Ares - With Meritor D-Lisa caliper	1995		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1047	WP1047S2	WL013	WL013	WA213			
			R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
			R	DRUM	**KAR1001**	5801107998	420	190	285	261	335	10x23									
Ares - With Meritor D3 caliper			F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP760	WP760S2	WL013		WA208-1			
			R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
			R	DRUM	**KAR1001**	5801107998	420	190	285	261	335	10x23									
Arway	2006		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1404	WP1404S2						
			R		**TBA**	Part number to be advised								WP1404	WP1404S2						
Axer	1995		F		**TBA**	Part number to be advised															
			R	DRUM	**KAR1005**	3219L5914, 3219R4698C, 42540296, 5006013733	410	203	285	252.5	335	10x23									
Citelis	2005		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1404	WP1404S2	WL092		WA208			
			F	DISC	**RN1063**	0002996353, 002996353, 2996353, 42552008, 5006172150, 5010216437	438	45	131	96.575	165	10x17	2T	WP1404	WP1404S2	WL092		WA208			
			MID AXLE		**TBA**	Part number to be advised								WP1404	WP1404S2			WA208			
			R		**TBA**	Part number to be advised								WP1404	WP1404S2			WA208			
Cityclass 25, 29, 31, 35	1999		F	DISC	**IV1097**	2994031	436	45	135	131	168	12x19		WP123							

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**IV1098**	2994084, 3218N1340, 3219N1340, 42542659, D031900	435	45	210	139	238	10xM16		WP123							
Cityclass 491, 591	1980	1988	F	DISC	**RN1026**	5000790539	400	42	175	90	197	12x12.3		WP733							
	1988		F	DISC	**RN1026**	5000790539	400	42	175	90	197	12x12.3		WP733							
	1992		F	DISC	**IV1050**	93161407	417	28	159	67	186	10x18.5									
			F	DISC	**IV1050**	93161407	417	28	159	67	186	10x18.5									
	1980	1988	R	DRUM	**RN1001**	5000716288	414	197	290	245	335	10x25	2CB2T							RN/101/1	
	1988		R	DRUM	**RN1009**	5000792895, 5600104967	414	191	281	245	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1010**	5010067788	414	191	281	256	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
	1992		R	DRUM	**IV1088**	42531710, 42546016	410	232	285	275	335	10x23									
Crealis	2005		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1404	WP1404S2			WA208			
			R		**TBA**	Part number to be advised								WP1404	WP1404S2			WA208			
Crossway	2006		F	DISC	**RN1063**	0002996353, 002996353, 2996353, 42552008, 5006172150, 5010216437	438	45	131	96.575	165	10x17	2T	WP1404	WP1404S2			WA208			
			R	DISC	**IV1112**	1421160130, 3218F1514, 500043169, 503142233, 68326127X	434	45	210	138.5	240	12xM16		WP1404	WP1404S2			WA208			
Daily 29 L	1999		F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022					
			F	DISC	**IV1054**	2991648, 2991753, 42470836, 42471155, 42575662, 500039188	276	22	73	73	118	5x16		WP1315		WL022		WA248			
			F	DISC	**IV1054**	2991648, 2991753, 42470836, 42471155, 42575662, 500039188	276	22	73	73	118	5x16		WP1315		WL022		WA248			
	2006		F	DISC	**IV1092**	2996121, 504121612	290	28	64	46	95	9x12.5		WP229		WL074					
			F	DISC	**IV1092**	2996121, 504121612	290	28	64	46	95	9x12.5		WP229		WL074					
	1999		R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
			R	DISC	**IV1055**	0001906206, 0002991646, 00042575663, 0007182299, 0042575662, 2991646	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
			R	DISC	**IV1055**	0001906206, 0002991646, 00042575663, 0007182299, 0042575662, 2991646	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
			R	DISC	**IV1056**	02994066, 07182300, 07185410, 42471031, 42471034, 42575665	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
			R	DISC	**IV1056**	02994066, 07182300, 07185410, 42471031, 42471034, 42575665	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
	2006		R	DISC	**IV1078**	0 0299 6027, 02996027, 046393181, 07186309, 2996027, 2996028	296	16	76	69	125	6x15.5	1x8.5	WP1405		WL077		WA250			
			R	DISC	**IV1078**	0 0299 6027, 02996027, 046393181, 07186309, 2996027, 2996028	296	16	76	69	125	6x15.5	1x8.5	WP1405		WL077		WA250			
Daily 35 C	1999		F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022					
			F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022					
			F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022					
	2006		F	DISC	**IV1092**	2996121, 504121612	290	28	64	46	95	9x12.5		WP229		WL074					

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1999		R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
			R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
			R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
	2006		R	DISC	**IV1094**	07186485, 2996033 = Non ABS part #, 2996043, 2996043, 46393182, 7186485	294	24	84	87.5	108	8x10.5		WP232		WL077					
Daily 35 S	1999	2006	F	DISC	**IV1054**	2991648, 2991753, 42470836, 42471155, 42575662, 500039188	276	22	73	73	118	5x16		WP1315		WL022		WA248			
	2006		F	DISC	**IV1091**	2996131, 504121605, 5801639518	300	28	78	74.5	125	6x15.6	1x8.6	WP229		WL074					
	1999	2006	R	DISC	**IV1055**	0001906206, 0002991646, 00042575663, 0007182299, 0042575662, 2991646	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
			R	DISC	**IV1056**	02994066, 07182300, 07185410, 42471031, 42471034, 42575665	276	16	73	70	118	5x16	2x9	WP1405		WL077		WA250			
	2006		R	DISC	**IV1078**	0 0299 6027, 02996027, 046393181, 07186309, 2996027, 2996028	296	16	76	69	125	6x15.5	1x8.5	WP1405		WL077		WA250			
Daily 40 C	1999	2006	F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022		WA248			
	2006		F	DISC	**IV1092**	2996121, 504121612	290	28	64	46	95	9x12.5		WP229		WL074					
	1999	2006	R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022		WA248			WBSK0011
	2006		R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
Daily 45.10	1987	1999	F	DISC	**IV1002**	1904531, 500039184, 8584182	280	16	124	142	170	6xM18	3T	WP516, WP709							
			R	DRUM	**IV1001**	10402, 7165402	270	91	130	144	170	6x19	1CS							MB/80/81/1	
			R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
Daily 49.10		1990	F	DISC	**IV1002**	1904531, 500039184, 8584182	280	16	124	142	170	6xM18	3T	WP516							
	1990	1999	F	DISC	**IV1002**	1904531, 500039184, 8584182	280	16	124	142	170	6xM18	3T	WP709							
	1987	1990	R	DRUM	**IV1001**	10402, 7165402	270	91	130	144	170	6x19	1CS							MB/80/81/1	
			R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
	1990	1999	R	DRUM	**IV1001**	10402, 7165402	270	91	130	144	170	6x19	1CS							MB/80/81/1	
			R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
Daily 49.12		1997	F	DISC	**IV1002**	1904531, 500039184, 8584182	280	16	124	142	170	6xM18	3T	WP709							
			R	DRUM	**IV1001**	10402, 7165402	270	91	130	144	170	6x19	1CS							MB/80/81/1	
			R	DRUM	**IV1015**	7162112, 7165379, 7910200	254	94	130	122	170	6x19									
Daily 50 C	1999	2006	F	DISC	**IV1039**	01908772, 01908792, 08595910, 1908772, 42470842, 500039185	290	22	125 / 68	110	170	6xM18		WP1102		WL022		WA248			
	2006		F	DISC	**IV1092**	2996121, 504121612	290	28	64	46	95	9x12.5		WP229		WL074					
	1999	2006	R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022		WA248			WBSK0011
	2006		R	DISC	**IV1040**	001908773, 007180256, 01908773, 042471111, 07180256, 1908793	289	22	84	85	108	8x10.5		WP1102		WL022					WBSK0011
Daily 50.12	1992	1997	F	DISC	**IV1021**	01904693, 01904696, 93814391, 93814402	290	25	161	160	205	6xM18	6x12.5	WP852							
			R	DRUM	**IV1038**	07172788, 7172788	310	108	165	140	205	6x18	2T							PB/23/26/1	
Daily 52.10			F	DISC	**IV1021**	01904693, 01904696, 93814391, 93814402	290	25	161	160	205	6xM18	6x12.5	WP709							
			R	DRUM	**IV1038**	07172788, 7172788	310	108	165	140	205	6x18	2T							PB/23/26/1	

WINNARD			Position			X-Ref															
Model	**From**	**To**		**Type**	**Winnard**	**Cross Reference numbers and notes**	**Disc and Drum Dimensions**							**Standard**	**Stage 2**	**W/Lead**	**W/Lead***	**F/Kit**	**F/Kit***	**Lining**	**Lined Shoe Kit**
Daily 52.12			F	DISC	**IV1021**	01904693, 01904696, 93814391, 93814402	290	25	161	160	205	6xM18	6x12.5	WP709							
			R	DRUM	**IV1038**	07172788, 7172788	310	108	165	140	205	6x18	2T							PB/23/26/1	
Daily 59.12			F	DISC	**IV1021**	01904693, 01904696, 93814391, 93814402	290	25	161	160	205	6xM18	6x12.5	WP852							
			R	DRUM	**IV1038**	07172788, 7172788	310	108	165	140	205	6x18	2T							PB/23/26/1	
Daily 60 C	1999		F	DISC	**IV1068**	0042471214, 042575664, 500039194, 500322079	290	26	80	53	110	6x12.6	3T	WP1390		WL022		WA249			
			R	DISC	**IV1069**	42471150, 500039192, 7182874	306	22	178	137	215	6xM10		WP1102		WL022					
Daily 64.12	1997	1999	F	DISC	**IV1021**	01904693, 01904696, 93814391, 93814402	290	25	161	160	205	6xM18	6x12.5	WP852							
	1998		F	DISC	**IV1009**	01907526, 01907527, 01907530, 01907726, 01908578, 07172018	322	30	215	134	275	8x20	2T	WP1126		WL019					
	1997	1999	R	DRUM	**IV1038**	07172788, 7172788	310	108	165	140	205	6x18	2T							PB/23/26/1	
	1998		R	DISC	**IV1009**	01907526, 01907527, 01907530, 01907726, 01908578, 07172018	322	30	215	134	275	8x20	2T	WP1126		WL019					
Daily 65 C	1999	2006	F	DISC	**IV1068**	0042471214, 042575664, 500039194, 500322079	290	26	80	53	110	6x12.6	3T	WP1390		WL022		WA249			
	2006		F	DISC	**IV1093**	02996122, 2996122, 501121723, 504121723, 5801718330	300	30	83	59	111	9x14.5		WP1126		WL022					
	1999	2006	R	DISC	**IV1069**	42471150, 500039192, 7182874	306	22	178	137	215	6xM10		WP1102		WL022					
	2006		R	DISC	**IV1095**	02996049, 07186848, 2996049, 46393184, 7186848	306	28	178	132	215	6xM10		WP233		WL022					
Domino			F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA231			
			R	DISC	**IV1082+**	- WITH KTL COATED STEEL ABS RING, 002995812, 002996328, 007185503, 7189476, I0007189476	431	45	210	138.5 DISC / 154.5 INC ABS RING	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**IV1082**	- WITH CAST ABS TEETH, 002995812, 002996328, 007185503, 7189476, I0007189476	431	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
Eurocity	2000		F	DISC	**IV1066**	000299 2291, 000718 7712, 0007189 858, 00299 2291, 00718 7712, 07187712	375	45	215	151	275	8x22.5	2T	WP1329		WL093		WA231	WA238		
EuroClass	1992		F	DISC	**IV1050**	93161407	417	28	159	67	186	10x18.5				WL061					
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/24/2	
			R	DRUM	**IV1080**	7165358, 7177560, 7910282														PB/24/2	
Europolis 200	1996		F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL012					
Europolis 200E8			F	DISC	**IV1009**	01907526, 01907527, 01907530, 01907726, 01908578, 07172018	322	30	215	134	275	8x20	2T	WP733		WL022					
Europolis 200E9			F	DISC	**IV1027**	01907631, 01908614, 01908729, 2991979, 4856912, 7173317	430	50	170	102	195	12xM16		WP773		WL012					
Europolis 203E			F	DISC	**IV1097**	2994031	436	45	135	131	168	12x19		WP988	WP988S2	WL017		WA230			
			R	DISC	**IV1098**	2994084, 3218N1340, 3219N1340, 42542659, D031900	435	45	210	139	238	10xM16		WP988	WP988S2	WL017		WA230			
EuroRider	1992		F	DISC	**IV1050**	93161407	417	28	159	67	186	10x18.5		WP801/8		WL061					
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T							PB/24/2	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**IV1082+**	- WITH KTL COATED STEEL ABS RING, 002995812, 002996328, 007185503, 7189476, I0007189476	431	45	210	138.5 DISC / 154.5 INC ABS RING	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DRUM	**IV1086**	42064755	410	208	285	273	335	10x23	2T							RW/38/39/1	
			R	DISC	**IV1082**	- WITH CAST ABS TEETH, 002995812, 002996328, 007185503, 7189476, I0007189476	431	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
Euroschool	2000		F	DISC	**IV1066**	000299 2291, 000718 7712, 0007189 858, 00299 2291, 00718 7712, 07187712	375	45	215	151	275	8x22.5	2T	WP1329		WL093		WA231	WA238		
Evadys	2003		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1404	WP1404S2	WL013		WA208			
			F	DISC	**RN1063**	0002996353, 002996353, 2996353, 42552008, 5006172150, 5010216437	438	45	131	96.575	165	10x17	2T	WP1404	WP1404S2	WL013		WA208			
			R		**TBA**	Part number to be advised								WP1404	WP1404S2	WL013		WA208			
Iliade	1980	1988	F	DISC	**RN1026**	5000790539	400	42	175	90	197	12x12.3		WP733							
	1988		F	DISC	**RN1026**	5000790539	400	42	175	90	197	12x12.3		WP733							
	1980	1988	R	DRUM	**RN1001**	5000716288	414	197	290	245	335	10x25	2CB2T							RN/101/1	
	1988		R	DRUM	**RN1009**	5000792895, 5600104967	414	191	281	245	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1010**	5010067788	414	191	281	256	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
Magelys	2008		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1404	WP1404S2	WL013		WA208			
			F	DISC	**RN1063**	0002996353, 002996353, 2996353, 42552008, 5006172150, 5010216437	438	45	131	96.575	165	10x17	2T	WP1404	WP1404S2	WL013		WA208			
			R		**TBA**	Part number to be advised								WP1404	WP1404S2	WL013		WA208			
Maxim 80E, 100E	1998		F	DISC	**IV1009**	01907526, 01907527, 01907530, 01907726, 01908578, 07172018	322	30	215	134	275	8x20	2T	WP1126		WL019					
			R	DISC	**IV1009**	01907526, 01907527, 01907530, 01907726, 01908578, 07172018	322	30	215	134	275	8x20	2T	WP1126		WL019					
Midirider	2000		F	DISC	**IV1030**	0.8016.1600, 080161600, 1904533, 1907920, 42037120, 42116227	315	35	145	154	205	6x18 2T		WP1329		WL018		WA231	WA238		
Myway 393.29	1999		F	DISC	**IV1043**	1904534, 8124117	417	30	157	80	186	10x18		WP801/8		WL079					
Myway 393.35			F	DISC	**IV1050**	93161407	417	28	159	67	186	10x18.5		WP801/8		WL079					
Myway 399.35			F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017		WA230			
Recreo - From chassis no. 1736	1985		F	DRUM	**KAR1002**	5801102523, REPLACES 500023103 with 145mm TREAD, REPLACES 500023263 with 151mm TREAD, REPLACES 500023704 with 162mm TREAD	420	162	285	214	335	10x23									
			R	DRUM	**KAR1001**	5801107998	420	190	285	261	335	10x23									
Recreo - up to chassis no. 1735			F	DRUM	**KAR1003**	5001835335	420	162	280	214	335	10x23									
			R	DRUM	**KAR1004**	5001840030	420	186	280	252	335	10x27									
			R	DRUM	**KAR1005**	3219L5914, 3219R4698C, 42540296, 5006013733	410	203	285	252.5	335	10x23									

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Recreo - With Front Brake Discs	2006		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1404	WP1404S2			WA208			
			F	DISC	**RN1063**	0002996353, 002996353, 2996353, 42552008, 5006172150, 5010216437	438	45	131	96.575	165	10x17	2T	WP1404	WP1404S2			WA208			
Scholabus 150E	1998		F	DISC	**IV1064**	02992477, 02996327, 02996329, 07079778, 07184136, 07189475	432	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
JCB							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Fastrac 100, 1100, 2100, 3100 - NON 4WS	1991		F	DISC	**JC1002**	454 03103, 454-03103, 454/03103	458	22	185	69.5	220	12x13									
			R	DISC	**JC1001**	454 02704, 454-02704, 454/02704	468	16.3	200	68	230	12x13									
Fastrac 115, 1125, 1135, 2115, 2125, 2135, 2140, 2150, 2155, 217 4WS			R	DISC	**JC1003**	450-03103, 450/03103, 45003103	460	22	200	69	227	12x13									
Fastrac 8000 Series	2000		F	DISC	**JC1004**	3327413	548	22	238	75	275	16x21.5									
JOST							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
DCA-L7-22.5"	2016		T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1578							
			T	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1578							
DCA-SK7-22.5"			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP132		WL081	WL081	WA231	WA238		
DCA-SN6-19.5"	2014		T	DISC	**MNE1108**	JOST JAE0110400012, MERC A6754210012, MERC A6754210112, SCHMITZ 1002522	377	45	211	131	238	10xM14		WP1329		WL081	WL081	WA230	WA231		
DLS-L7-22.5			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1578							
			T	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1578							
DLS-SK7-22.5"			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP132		WL081	WL081	WA231	WA238		
			T	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP132		WL081	WL081	WA231	WA238		
DLS-SN6-19.5"			T	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1329		WL081	WL081	WA231	WA238		
			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1329		WL081	WL081	WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
DLS-SN7-22.5"			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988		WL081		WA230	WA231		
			T	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988		WL081		WA230	WA231		
Karosa (Recreo)							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
930E, 940E	1997		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018	WL018	WA230	WA231		
City Bus - Renault Chassis	1993		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP760	WP760S2	WL011		WA208-1			
Transit Bus		1998	F		**TBA**	Part number to be advised								WP760	WP760S2	WL010		WA208-1			
	1995	1997	F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP760	WP760S2	WL013		WA208-1			
	1997		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1047	WP1047S2	WL013	WL013	WA213			
	1995	1997	R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
	1997		R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
Kassbohrer PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Evobus	2000		F	DISC	**KA1008**	DANA F4974/88, KASSBOHRER 8285543000, 82850005890, KNORR BD7205, KNORR II37415, II37145N, MERCEDES A0004200172, PREVOST 611188, 611455, 611456	430	45	194	136	220	10xM16		WP988	WP988S2			WA230			
			R		**TBA**	Part number to be advised															
N906, N907			F	DISC	**KA1007**	1722411113020	315	35	253	155	205	6x18	2T								
			R		**TBA**	Part number to be advised															
S110	1979		F	DISC	**KA1001**	8284000034, II350810	396	48	215	120	255	10xM16									
			R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
S120			F	DISC	**KA1001**	8284000034, II350810	396	48	215	120	255	10xM16									
			R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
S130			F	DISC	**KA1001**	8284000034, II350810	396	48	215	120	255	10xM16									
			R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
S130 ES	1982	1986	F	DISC	**KA1002**	179241111307, 1792411113070, 8284000147, II350103	396	48	194	119	215	10xM16		WP738							
			F	DRUM	**KA1005**	179241111306, 179241111406	410	169	290	236	335	10x23	2T							PB/16/17/1 PSV	
			R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
S130S	1983	1989	F	DRUM	**KA1005**	179241111306, 179241111406	410	169	290	236	335	10x23	2T							PB/16/17/1 PSV	
			R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T								
			R	DRUM	**SE1002**	179252011107, 179252011207	410	187	290	261	335	10x23	2T								
S140	1979		F	DISC	**KA1001**	8284000034, II350810	396	48	215	120	255	10xM16									
	1983		F	DISC	**KA1002**	179241111307, 1792411113070, 8284000147, II350103	396	48	194	119	215	10xM16		WP738							
			F	DISC	**KA1003**	179241111131, 1792411111310, 8284000209, 8285000235	406	48	194	175	215	10xM16		WP594				WA201			
			F	DRUM	**KA1005**	179241111306, 179241111406	410	169	290	236	335	10x23	2T							PB/16/17/1 PSV	
	1979		R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
	1983		R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
S150	1979		F	DISC	**KA1001**	8284000034, II350810	396	48	215	120	255	10xM16									
			R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
S180	1975	1989	F		**TBA**	Part number to be advised															
			R	DRUM	**SE1002**	179252011107, 179252011207	410	187	290	261	335	10x23	2T								
S200	1979		F	DISC	**KA1001**	8284000034, II350810	396	48	215	120	255	10xM16									
			R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
			R	DRUM	**SE1002**	179252011107, 179252011207	410	187	290	261	335	10x23	2T								
S208	2000		F	DISC	**KA1009**	173252012802	320	50	190	142	215	10xM16									
			R		**TBA**	Part number to be advised															
S209			F	DISC	**KA1009**	173252012802	320	50	190	142	215	10xM16									
			R		**TBA**	Part number to be advised															
S210, S211, S212, S213, S214, S215, S216, S228	1976		F	DISC	**KA1002**	179241111307, 1792411113070, 8284000147, II350103	396	48	194	119	215	10xM16		WP738							
			F	DISC	**KA1002**	179241111307, 1792411113070, 8284000147, II350103	396	48	194	119	215	10xM16		WP738							
			F	DISC	**KA1003**	179241111131, 1792411111310, 8284000209, 8285000235	406	48	194	175	215	10xM16		WP594				WA201			
			F	DISC	**KA1003**	179241111131, 1792411111310, 8284000209, 8285000235	406	48	194	175	215	10xM16		WP594				WA201			
			F	DRUM	**KA1005**	179241111306, 179241111406	410	169	290	236	335	10x23	2T							PB/16/17/1 PSV	
			F	DRUM	**KA1005**	179241111306, 179241111406	410	169	290	236	335	10x23	2T							PB/16/17/1 PSV	
	1980		F	DISC	**KA1003**	179241111131, 1792411111310, 8284000209, 8285000235	406	48	194	175	215	10xM16		WP594				WA201			
			F	DRUM	**KA1005**	179241111306, 179241111406	410	169	290	236	335	10x23	2T							PB/16/17/1 PSV	
	1983		F	DISC	**KA1002**	179241111307, 1792411113070, 8284000147, II350103	396	48	194	119	215	10xM16		WP738							

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DISC	**KA1002**	179241111307, 1792411113070, 8284000147, II350103	396	48	194	119	215	10xM16		WP738							
			F	DISC	**KA1003**	179241111131, 1792411111310, 8284000209, 8285000235	406	48	194	175	215	10xM16		WP594				WA201			
			F	DISC	**KA1003**	179241111131, 1792411111310, 8284000209, 8285000235	406	48	194	175	215	10xM16		WP594				WA201			
			F	DRUM	**KA1005**	179241111306, 179241111406	410	169	290	236	335	10x23	2T							PB/16/17/1 PSV	
			F	DRUM	**KA1005**	179241111306, 179241111406	410	169	290	236	335	10x23	2T							PB/16/17/1 PSV	
			F	DRUM	**KA1005**	179241111306, 179241111406	410	169	290	236	335	10x23	2T							PB/16/17/1 PSV	
			F	DRUM	**KA1005**	179241111306, 179241111406	410	169	290	236	335	10x23	2T							PB/16/17/1 PSV	
		1989	F	DISC	**KA1002**	179241111307, 1792411113070, 8284000147, II350103	396	48	194	119	215	10xM16		WP738							
			F	DISC	**KA1002**	179241111307, 1792411113070, 8284000147, II350103	396	48	194	119	215	10xM16		WP738							
		1990	F	DISC	**KA1002**	179241111307, 1792411113070, 8284000147, II350103	396	48	194	119	215	10xM16		WP738							
			F	DISC	**KA1003**	179241111131, 1792411111310, 8284000209, 8285000235	406	48	194	175	215	10xM16		WP594				WA201			
	1984		F	DRUM	**KA1005**	179241111306, 179241111406	410	169	290	236	335	10x23	2T							PB/16/17/1 PSV	
	1989		F	DISC	**KA1003**	179241111131, 1792411111310, 8284000209, 8285000235	406	48	194	175	215	10xM16		WP594				WA201			
			F	DISC	**KA1003**	179241111131, 1792411111310, 8284000209, 8285000235	406	48	194	175	215	10xM16		WP594				WA201			
	1991		F	DISC	**KA1006**	0501313313, 2069432001, 501313313, 6274210012, 8285390000, A6274210012	432	45	194	135	220	10xM16		WP760	WP760S2	WL010		WA208-1			
	1976		R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
			R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
		1983	R	DRUM	**SE1002**	179252011107, 179252011207	410	187	290	261	335	10x23	2T								
			R	DRUM	**SE1002**	179252011107, 179252011207	410	187	290	261	335	10x23	2T								
			R	DRUM	**SE1002**	179252011107, 179252011207	410	187	290	261	335	10x23	2T								
	1980		R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
	1983		R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T								
			R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T								
			R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
			R	DRUM	**SE1002**	179252011107, 179252011207	410	187	290	261	335	10x23	2T								

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
		1989	R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
			R	DRUM	**SE1002**	179252011107, 179252011207	410	187	290	261	335	10x23	2T								
	1984		R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T								
	1989		R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
			R	DRUM	**SE1002**	179252011107, 179252011207	410	187	290	261	335	10x23	2T								
S300		1991	F	DRUM	**KA1005**	179241111306, 179241111406	410	169	290	236	335	10x23	2T							PB/16/17/1 PSV	
	1991		F	DISC	**KA1006**	0501313313, 2069432001, 501313313, 6274210012, 8285390000, A6274210012	432	45	194	135	220	10xM16		WP760	WP760S2	WL010		WA208-1			
	1995		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
	1999		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
	1989	1991	R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
	1991		R	DRUM	**KA1011**	315252011201, 315252012201	410	229	290	291	335	10x23								PB/18/19/1	
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T							PB/18/19/1	
			R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
			R	DRUM	**SE1002**	179252011107, 179252011207	410	187	290	261	335	10x23	2T								
	1995		R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
	1999		R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
S309, S312, S313, S315, S317, S319, S321, S328	1991		F	DISC	**KA1006**	0501313313, 2069432001, 501313313, 6274210012, 8285390000, A6274210012	432	45	194	135	220	10xM16		WP760	WP760S2	WL010		WA208-1			
	1995		F	DISC	**KA1006**	0501313313, 2069432001, 501313313, 6274210012, 8285390000, A6274210012	432	45	194	135	220	10xM16		WP760	WP760S2	WL010		WA208-1			
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
	1991		R	DRUM	**KA1011**	315252011201, 315252012201	410	229	290	291	335	10x23								PB/18/19/1	
			R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
	1995		R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
S415HD	2002		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL017	WL017	WA230	WA231		
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
S416GT-HD			F	DISC	**MNE1112**	0004213212, 9432210312, 9434210312, 9434210412, 9434210512, A0004213212	430	45	131	144	168	10x21	2xM10	WP988	WP988S2			WA230			
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			T	DISC	**MNE1112**	0004213212, 9432210312, 9434210312, 9434210412, 9434210512, A0004213212	430	45	131	144	168	10x21	2xM10	WP988	WP988S2			WA230			
S417			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL017	WL017	WA230			
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
SG180	1972	1983	F		**TBA**	Part number to be advised															
	1984		F	DRUM	**KA1005**	179241111306, 179241111406	410	169	290	236	335	10x23	2T							PB/16/17/1 PSV	
	1972	1983	R	DRUM	**SE1002**	179252011107, 179252011207	410	187	290	261	335	10x23	2T								

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1984		R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
SG219, SG221			F	DRUM	**KA1005**	179241111306, 179241111406	410	169	290	236	335	10x23	2T							PB/16/17/1 PSV	
			F	DRUM	**KA1005**	179241111306, 179241111406	410	169	290	236	335	10x23	2T							PB/16/17/1 PSV	
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
			R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
Kassbohrer Trailer							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
300 x 200	1980		T	DRUM	**KA1004**	016265231201, 16265231201	300	212	185	300	225	10x23	2T							BC/108/1	
400 x 200	2000		T	DRUM	**KA1010**	015268511115B	400	215	290	266	335	10x23	2xM16							BC/90/91/1	
420 x 200	1985		F	DRUM	**BP1028**	0310667010, 1064006509	420	220	290	328	335	10x23								BC/97/1	
Kenworth							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Class 8 - Fitted with splined rotor	2011		F	DISC	**DA1059**	- THIS IS AN INTERFERENCE FIT DESIGN AND SHOULD BE FITTED USING A PRESS, 10025445, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT	430	45	217	45	230	10x8.5 (Torque Setting 20Nm)		WP132				WA230			
			R	DISC	**DA1059**	- THIS IS AN INTERFERENCE FIT DESIGN AND SHOULD BE FITTED USING A PRESS, 10025445, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT	430	45	217	45	230	10x8.5 (Torque Setting 20Nm)		WP132				WA230			
T170	2008	2012	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
T2000	2005	2010	F	DISC	**BEN1023**	976030N, E12591012	430	44.9	201.9	151.8	250	10x5/8		WP1367				WA247			
			R	DISC	**BEN1023**	976030N, E12591012	430	44.9	201.9	151.8	250	10x5/8		WP1367				WA247			
T270	2008	2012	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
T300			F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
T370			F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
T660, T800, W900	2005	2009	F	DISC	**BEN1023**	976030N, E12591012	430	44.9	201.9	151.8	250	10x5/8		WP1367				WA247			
			R	DISC	**BEN1023**	976030N, E12591012	430	44.9	201.9	151.8	250	10x5/8		WP1367				WA247			
Kessler Axle							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
410 x 180 - Linings with 8 rivit fixing	1985		F	DRUM	**KE1007**	40012612, 81.1228.3H, 81.301.03, 813010.1, 81621.3, 9049107908	410	185	300	243	335	10x23	2CB4T							PB/40/1	
			F	DRUM	**KE1016**	12250583, 3170998, 81.254.03, 81.623.1, 81.623.3, 811089.3	410	189	300	268	335	10x23	2CB4T							PB/40/1	
			F	DRUM	**KE1022**	812965.1	410	185	300 - Flange 21mm thick	307	335	10x22.8								PB/40/1	
			R	DRUM	**KE1007**	40012612, 81.1228.3H, 81.301.03, 813010.1, 81621.3, 9049107908	410	185	300	243	335	10x23	2CB4T							PB/40/1	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**KE1016**	12250583, 3170998, 81.254.03, 81.623.1, 81.623.3, 811089.3	410	189	300	268	335	10x23	2CB4T							PB/40/1	
			R	DRUM	**KE1022**	812965.1	410	185	300 - Flange 21mm thick	307	335	10x22.8								PB/40/1	
410 x 180 - Linings with 10 rivit fixing			F	DRUM	**KE1007**	40012612, 81.1228.3H, 81.301.03, 813010.1, 81621.3, 9049107908	410	185	300	243	335	10x23	2CB4T							PB/40/2	
			F	DRUM	**KE1016**	12250583, 3170998, 81.254.03, 81.623.1, 81.623.3, 811089.3	410	189	300	268	335	10x23	2CB4T							PB/40/2	
			F	DRUM	**KE1022**	812965.1	410	185	300 - Flange 21mm thick	307	335	10x22.8								PB/40/2	
			R	DRUM	**KE1007**	40012612, 81.1228.3H, 81.301.03, 813010.1, 81621.3, 9049107908	410	185	300	243	335	10x23	2CB4T							PB/40/2	
			R	DRUM	**KE1016**	12250583, 3170998, 81.254.03, 81.623.1, 81.623.3, 811089.3	410	189	300	268	335	10x23	2CB4T							PB/40/2	
			R	DRUM	**KE1022**	812965.1	410	185	300 - Flange 21mm thick	307	335	10x22.8								PB/40/2	
500 x 120 - With 10 stud drums - Linings with 8 rivit fixing			F	DRUM	**KE1002**	77052900, 81.289.81, 812898.1, 8128981	500	145	300	230	335	10x23	2CB4T							PB/15/1	
			R	DRUM	**KE1002**	77052900, 81.289.81, 812898.1, 8128981	500	145	300	230	335	10x23	2CB4T							PB/15/1	
500 x 120 - With 10 stud drums - Linings with 10 rivit fixing			F	DRUM	**KE1002**	77052900, 81.289.81, 812898.1, 8128981	500	145	300	230	335	10x23	2CB4T							PB/15/2	
			R	DRUM	**KE1002**	77052900, 81.289.81, 812898.1, 8128981	500	145	300	230	335	10x23	2CB4T							PB/15/2	
500 x 120 - With 12 stud drums - Megatrack Running Gear - Linings with 8 rivit fixing			F	DRUM	**KE1018**	02315385, 290801, 40024712, 81.486.61, 814866.1, 8148661	500	170	385	223	425	12x23	2CB4T							PB/15/1	
			R	DRUM	**KE1018**	02315385, 290801, 40024712, 81.486.61, 814866.1, 8148661	500	170	385	223	425	12x23	2CB4T							PB/15/1	
500 x 120 - With 12 stud drums - Megatrack Running Gear - Linings with 10 rivit fixing			F	DRUM	**KE1018**	02315385, 290801, 40024712, 81.486.61, 814866.1, 8148661	500	170	385	223	425	12x23	2CB4T							PB/15/2	
			R	DRUM	**KE1018**	02315385, 290801, 40024712, 81.486.61, 814866.1, 8148661	500	170	385	223	425	12x23	2CB4T							PB/15/2	
500 x 160 - Hub Dome Cover			F	DRUM	**KE1013**	8122871A	500	164	HUB	192	335	10x23	2CB4T							PB/14/1	
			F	DRUM	**KE1013**	8122871A	500	164	HUB	192	335	10x23	2CB4T							PB/14/2	
			R	DRUM	**KE1013**	8122871A	500	164	HUB	192	335	10x23	2CB4T							PB/14/1	
			R	DRUM	**KE1013**	8122871A	500	164	HUB	192	335	10x23	2CB4T							PB/14/2	
500 x 160 - With 10 stud drums - Linings with 8 rivit fixing			F	DRUM	**KE1003**	81131.1, 811959.1	500	175	385	230	425	12x23	2CB4T							PB/14/1	
			F	DRUM	**KE1004**	811256.1	500	165	300	250	335	10x23	2CB4T							PB/14/1	
			F	DRUM	**KE1010**	813457.1	500	164	295	192	335	10x23	2CB4T							PB/14/1	
			F	DRUM	**KE1021**	76174173, 81.501.11, 815011.1	500	165	300	266	335	10x23	2CST							PB/14/1	
			R	DRUM	**KE1003**	81131.1, 811959.1	500	175	385	230	425	12x23	2CB4T							PB/14/1	
			R	DRUM	**KE1004**	811256.1	500	165	300	250	335	10x23	2CB4T							PB/14/1	
			R	DRUM	**KE1010**	813457.1	500	164	295	192	335	10x23	2CB4T							PB/14/1	
			R	DRUM	**KE1021**	76174173, 81.501.11, 815011.1	500	165	300	266	335	10x23	2CST							PB/14/1	
500 x 160 - With 10 stud drums - Linings with 10 rivit fixing			F	DRUM	**KE1003**	81131.1, 811959.1	500	175	385	230	425	12x23	2CB4T							PB/14/2	
			F	DRUM	**KE1004**	811256.1	500	165	300	250	335	10x23	2CB4T							PB/14/2	

WINNARD			Position			X-Ref															
Model	From	To		Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DRUM	**KE1010**	813457.1	500	164	295	192	335	10x23	2CB4T							PB/14/2	
			F	DRUM	**KE1021**	76174173, 81.501.11, 815011.1	500	165	300	266	335	10x23	2CST							PB/14/2	
			R	DRUM	**KE1003**	81131.1, 811959.1	500	175	385	230	425	12x23	2CB4T							PB/14/2	
			R	DRUM	**KE1004**	811256.1	500	165	300	250	335	10x23	2CB4T							PB/14/2	
			R	DRUM	**KE1010**	813457.1	500	164	295	192	335	10x23	2CB4T							PB/14/2	
			R	DRUM	**KE1021**	76174173, 81.501.11, 815011.1	500	165	300	266	335	10x23	2CST							PB/14/2	
500 x 160 - With 12 stud drums - Megatrack Running Gear - Linings with 8 rivit fixing			F	DRUM	**KE1001**	811980.1	500	165	385	210	425	12x23	2CB4T							PB/14/1	
			F	DRUM	**KE1011**	814441.1, 814523.1	500	165	385	217	425	10x23	2CB4T							PB/14/1	
			F	DRUM	**KE1018**	02315385, 290801, 40024712, 81.486.61, 814866.1, 8148661	500	170	385	223	425	12x23	2CB4T							PB/14/1	
			R	DRUM	**KE1001**	811980.1	500	165	385	210	425	12x23	2CB4T							PB/14/1	
			R	DRUM	**KE1011**	814441.1, 814523.1	500	165	385	217	425	10x23	2CB4T							PB/14/1	
			R	DRUM	**KE1018**	02315385, 290801, 40024712, 81.486.61, 814866.1, 8148661	500	170	385	223	425	12x23	2CB4T							PB/14/1	
500 x 160 - With 12 stud drums - Megatrack Running Gear - Linings with 10 rivit fixing			F	DRUM	**KE1001**	811980.1	500	165	385	210	425	12x23	2CB4T							PB/14/2	
			F	DRUM	**KE1011**	814441.1, 814523.1	500	165	385	217	425	10x23	2CB4T							PB/14/2	
			F	DRUM	**KE1018**	02315385, 290801, 40024712, 81.486.61, 814866.1, 8148661	500	170	385	223	425	12x23	2CB4T							PB/14/2	
			R	DRUM	**KE1001**	811980.1	500	165	385	210	425	12x23	2CB4T							PB/14/2	
			R	DRUM	**KE1011**	814441.1, 814523.1	500	165	385	217	425	10x23	2CB4T							PB/14/2	
			R	DRUM	**KE1018**	02315385, 290801, 40024712, 81.486.61, 814866.1, 8148661	500	170	385	223	425	12x23	2CB4T							PB/14/2	
500 x 180 - With 10 stud drums - Linings with 8 rivit fixing			F	DRUM	**KE1005**	1924699, 5702943, 5702957, 71.365.01, 713650.1, 7136501	500	189	300	246	335	10x23	2CB4T							PB/13/1	
			F	DRUM	**KE1009**	570936108, 77113800, 81.297.81, 812978.1	500	185	300	263	335	10x23	2CB4T							PB/13/1	
			R	DRUM	**KE1005**	1924699, 5702943, 5702957, 71.365.01, 713650.1, 7136501	500	189	300	246	335	10x23	2CB4T							PB/13/1	
			R	DRUM	**KE1009**	570936108, 77113800, 81.297.81, 812978.1	500	185	300	263	335	10x23	2CB4T							PB/13/1	
500 x 180 - With 10 stud drums - Linings with 14 rivit fixing			F	DRUM	**KE1005**	1924699, 5702943, 5702957, 71.365.01, 713650.1, 7136501	500	189	300	246	335	10x23	2CB4T							PB/13/2	
			F	DRUM	**KE1009**	570936108, 77113800, 81.297.81, 812978.1	500	185	300	263	335	10x23	2CB4T							PB/13/2	
			R	DRUM	**KE1005**	1924699, 5702943, 5702957, 71.365.01, 713650.1, 7136501	500	189	300	246	335	10x23	2CB4T							PB/13/2	
			R	DRUM	**KE1009**	570936108, 77113800, 81.297.81, 812978.1	500	185	300	263	335	10x23	2CB4T							PB/13/2	
500 x 180 - With 12 stud drums - Megatrack Running Gear - Linings with 8 rivit fixing			F	DRUM	**KE1020**	01925703, 1163730, 1925703, 40022812, 81.445.51, 814455.1	500	193	385	242	425	12x23	2CS4T							PB/13/1	
			R	DRUM	**KE1020**	01925703, 1163730, 1925703, 40022812, 81.445.51, 814455.1	500	193	385	242	425	12x23	2CS4T							PB/13/1	
500 x 180 - With 12 stud drums - Megatrack Running Gear - Linings with 14 rivit fixing			F	DRUM	**KE1020**	01925703, 1163730, 1925703, 40022812, 81.445.51, 814455.1	500	193	385	242	425	12x23	2CS4T							PB/13/2	
			R	DRUM	**KE1020**	01925703, 1163730, 1925703, 40022812, 81.445.51, 814455.1	500	193	385	242	425	12x23	2CS4T							PB/13/2	
Brake Discs			F	DISC	**KE1006**	7120974	491	26	220	48	248	16x18.5									

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DISC	**KE1012**	008061134, 712111.2	501	22.5	340	129	364	16x14.5	SDISC								
			F	DISC	**KE1014**	712567.2	492	45	285	166	335	10x22									
			R	DISC	**KE1006**	7120974	491	26	220	48	248	16x18.5									
			R	DISC	**KE1012**	008061134, 712111.2	501	22.5	340	129	364	16x14.5	SDISC								
			R	DISC	**KE1014**	712567.2	492	45	285	166	335	10x22									
Brake Discs - All applications from 2010 with Wabco MAXXUS 22 caliper	2010		F	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP1584		WL133					
			R	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP1584		WL133					
Brake Discs - All applications from 2010 with Wabco PAN22-1 Caliper			F	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP139		WL078		WA254	WA275		
	2020		F	DISC	**KE1030**	GROVE 3142916, KESSLER 7243522C	525	40	222	53	265	12 x 20.6		WP139		WL078		WA254	WA294		
	2010		R	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP139		WL078		WA254	WA275		
	2020		R	DISC	**KE1030**	GROVE 3142916, KESSLER 7243522C	525	40	222	53	265	12 x 20.6		WP139		WL078		WA254	WA294		
King Long							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
XMQ6120	2013		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2						
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2						
XMQ6127	2010		F	DISC	**KL1003**	30JS18Y-00005	430	45	203	131	235	8xM16		WP988	WP988S2			WA230			
			R	DISC	**KL1001**	224001784, 35ZS19-02075, 35ZS1902075, XMQ6127	430	45	207	124	239	10xM16		WP988	WP988S2			WA230			
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
XMQ6800	2012		F	DISC	**KL1002**	224001680, 35FS50 02075, 35FS50-02075, Q1-35S53E-01075, Q135S53E01075, XMQ6800	375	45	167	59	186	12x12mm	6xM4: 188 PCD Threaded for ABS location	WP119		WL082		WA247			
			F	DISC	**KL1004**	230001053, 3501AD02 01075, YF3501AD02-01075	376	45	160	135	190	8xM14		WP119		WL082		WA247			
			R	DISC	**KL1002**	224001680, 35FS50 02075, 35FS50-02075, Q1-35S53E-01075, Q135S53E01075, XMQ6800	375	45	167	59	186	12x12mm	6xM4: 188 PCD Threaded for ABS location	WP119		WL082		WA247			
			R	DISC	**KL1004**	230001053, 3501AD02 01075, YF3501AD02-01075	376	45	160	135	190	8xM14		WP119		WL082		WA247			
XMQ6900	2010		F	DISC	**KL1002**	224001680, 35FS50 02075, 35FS50-02075, Q1-35S53E-01075, Q135S53E01075, XMQ6800	375	45	167	59	186	12x12mm	6xM4: 188 PCD Threaded for ABS location	WP119		WL082		WA247			
			F	DISC	**KL1004**	230001053, 3501AD02 01075, YF3501AD02-01075	376	45	160	135	190	8xM14		WP119		WL082		WA247			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**KL1002**	224001680, 35FS50 02075, 35FS50-02075, Q1-35S53E-01075, Q135S53E01075, XMQ6800	375	45	167	59	186	12x12mm	6xM4: 188 PCD Threaded for ABS location	WP119		WL082		WA247			
			R	DISC	**KL1004**	230001053, 3501AD02 01075, YF3501AD02-01075	376	45	160	135	190	8xM14		WP119		WL082		WA247			
Kogel Trax							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Kogel Trailer KTA - Axle	2008	2009	T	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T								
	2009		T	DISC	**KOG1001**	6604915, M21229959, MBR9020	434	45	131	109	165	10x17	2T	WP1558				WA251			
Kogel Trailer Novum Axle	2020		T	DISC	**KOG1002**	092671002, 6610097	430	45	132.5	150	165	12X18	6 AIR HOLES THROUGH NECK OF DISC	WP1567				WA283			
Krone							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Trailer Axle - Disc Brake - Haldex DB22LT	2018		T	DISC	**SAE1014**	09267086, 700000442, 709267086, 9267086, KRONE 550012742	430	45	280	155	335	10x26.5		WP1567				WA283			
Trailer Axle - Disc Brake - Haldex DBT19LT			T	DISC	**SCH1002**	017888, 1088133, 2198101, KOGEL 550025950, KRONE 550025950	375	45	290	168.5	335	10x22.5		WP1581							
Trailer Axle - Drum Brake - 420 x 180	2015		T	DRUM	**VAL1003**	50590001, GIGANT 703011945 (DOUBLE CHECK DIMENSIONS), KRONE 550020256, N1008658	420	181	290	216	335	10x23.5									
Krupp Crane							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
500 x 120 With 12 stud drums - Linings with 8 rivit fixing	1985		F	DRUM	**KR1002**	4462322157, 4462432157	500	133	371	231	426	12x22.5								PB/15/1	
			R	DRUM	**KR1002**	4462322157, 4462432157	500	133	371	231	426	12x22.5								PB/15/1	
500 x 120 With 12 stud drums - Linings with 10 rivit fixing			F	DRUM	**KR1002**	4462322157, 4462432157	500	133	371	231	426	12x22.5								PB/15/2	
			R	DRUM	**KR1002**	4462322157, 4462432157	500	133	371	231	426	12x22.5								PB/15/2	
500 x 180 With 12 stud drums - Linings with 8 rivit fixing			F	DRUM	**KR1001**	4462432158	500	194	371	248	426	12x22.5								PB/13/1	
			R	DRUM	**KR1001**	4462432158	500	194	371	248	426	12x22.5								PB/13/1	
500 x 180 With 12 stud drums - Linings with 14 rivit fixing			F	DRUM	**KR1001**	4462432158	500	194	371	248	426	12x22.5								PB/13/2	
			R	DRUM	**KR1001**	4462432158	500	194	371	248	426	12x22.5								PB/13/2	
Lancer Boss							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Fork Lift			F	DRUM	**LA1001**	630018287	315	92	225	184	275	8x23	2T								
			F	DRUM	**LA1002**	630018295	315	102	225	143	275	8x22.5	2T								
			R	DRUM	**LA1001**	630018287	315	92	225	184	275	8x23	2T								
			R	DRUM	**LA1002**	630018295	315	102	225	143	275	8x22.5	2T								
LDV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
200 Series		1994	F	DISC	**LE1091**	KAM2107, KAM2108, NAM5612	276	14.4	82.5	53	105	5x10						WA203			
			F	DISC	**LE1103**	AAR5516, LBU8698	275	24	83	63	105	5x10		WP690							
			R	DRUM	**LE1118**	DMA7501	228	51	54	85	125	5x11	2CS								
300 Series		1989	F	DISC	**LE1091**	KAM2107, KAM2108, NAM5612	276	14.4	82.5	53	105	5x10									
			F	DISC	**LE1103**	AAR5516, LBU8698	275	24	83	63	105	5x10		WP690							
			F	DISC	**LE1131**	NJK2877	275	24	89	63	105	5x10		WP690							
			R	DRUM	**LE1090**	BAU4537	254	80	132	119	170	6x19	1CS								
			R	DRUM	**LE1118**	DMA7501	228	51	54	85	125	5x11	2CS								
400 Series - Single Rear Wheels			F	DISC	**LE1091**	KAM2107, KAM2108, NAM5612	276	14.4	82.5	53	105	5x10									

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**LE1122**	BAU4504	254	65	82	90	170	6x15										
400 Series - Twin Rear Wheels			F	DISC	**LE1103**	AAR5516, LBU8698	275	24	83	63	105	5x10		WP690								
			F	DISC	**LE1131**	NJK2877	275	24	89	63	105	5x10		WP690								
			R	DRUM	**LE1090**	BAU4537	254	80	132	119	170	6x19	1CS									
Convoy - Caliper 4 x 41mm pistons	1994		F	DISC	**LE1091**	KAM2107, KAM2108, NAM5612	276	14.4	82.5	53	105	5x10		WP829								
			R	DRUM	**LE1090**	BAU4537	254	80	132	119	170	6x19	1CS									
Convoy - Caliper 4 x 46 pistons - With ABS			F	DISC	**LE1131**	NJK2877	275	24	89	63	105	5x10		WP690								
			R	DRUM	**LE1090**	BAU4537	254	80	132	119	170	6x19	1CS									
Convoy - Caliper 4 x 46mm pistons - Non ABS			F	DISC	**LE1103**	AAR5516, LBU8698	275	24	83	63	105	5x10		WP690								
			R	DRUM	**LE1090**	BAU4537	254	80	132	119	170	6x19	1CS									
Maxus 15" Wheels	2004		F	DISC	**LE1143**	545110026	278	24	72	72	118	5x15	1CS	WP144								
			R	DRUM	**LE1142**	545120091	280	72	75	114	118	5x15	1CS									
Maxus 16" Wheels			F	DISC	**LE1141**	545110027	294	24	80	71	130	5x17	1CS	WP144								
			R	DRUM	**LE1144**	545120006	280	72	85	114	130	5x17	1CS									
Pilot	1994		F	DISC	**LE1091**	KAM2107, KAM2108, NAM5612	276	14.4	82.5	53	105	5x10										
			R	DRUM	**LE1122**	BAU4504	254	65	82	90	170	6x15										
Sherpa 215-280 - Single Rear Wheels	1980	1985	F	DISC	**LE1091**	KAM2107, KAM2108, NAM5612	276	14.4	82.5	53	105	5x10										
			R	DRUM	**LE1122**	BAU4504	254	65	82	90	170	6x15										
Sherpa 400 - Twin Rear Wheels	1983		F	DISC	**LE1103**	AAR5516, LBU8698	275	24	83	63	105	5x10		WP690								
			R	DRUM	**LE1090**	BAU4537	254	80	132	119	170	6x19	1CS									
Lecinena Trailer							**A**	**B**	**C**	**D**	**E**	**F**	**Other**									
411 x 200	1985		T	DRUM	**LEC1004**	3121001201, 312612.1	411	211	280	244	335	10x23.2										
			T	DRUM	**LEC1005**	312610.2	411	210	280	248	335	10x26										
			T	DRUM	**LEC1006**	312011202, 312612	411	210	280	245	335	10x23.5										
			T	DRUM	**LEC1007**	312060	411	217	280	248	335	6x16.5										
			T	DRUM	**LEC1008**	312030	411	218	280	255	335	10x23.2										
			T	DRUM	**LEC1010**	312100122	411	210	280	244	335	10x26										
420 x 200	1995		T	DRUM	**LEC1003**	120015000055, 312210	420	207	290	252	335	10x23										
FD22/0	1994		T	DISC	**LEC1001**	120015000021, 120015000188, 120015000189, 3122151202, 3124004200, 580110919600	430	45	203	133	238	10xM14		WP988	WP988S2			WA230				
FD22/120			T	DISC	**LEC1002**	120015000005, 4598006032, 9424211312	430	45	131	140	168	12x19	3xM12	WP988	WP988S2			WA231				
Leyland							**A**	**B**	**C**	**D**	**E**	**F**	**Other**									
Constructor 24.15 - 30.25	1981	1984	F	DRUM	**LE1030**	AAW4898, MAK3255, NJK2688	394	191	282	235	335	10x23.5	2CB2T							GG/92/1		
	1985	1990	F	DRUM	**LE1066**	MAK6303, NJK2779, RAK4499	410	189	282	235	335	10x23.5	2CB2T							LE/71/1		
	1981	1984	R	DRUM	**LE1023**	605K46	394	171	282	241	335	10x23.5	2CB2T							AL/49/1		
			R	DRUM	**LE1024**	48171, 605K47	394	206	282	256	335	10x23.5	2CB2T							LE/64/2		
	1985	1990	R	DRUM	**LE1067**	NAK7484, RAK4552, RAK6766	410	176	282	241	335	10x23.5	2CB2T							LE/70/1		
			R	DRUM	**LE1068**	NAK7541, RAK4602	410	187	282	252	335	10x23.5	2CB2T							LE/70/1		
			R	DRUM	**LE1080**	41032732	410	191	281	265	335	10x23.5	4T							LE/71/1		
			R	DRUM	**LE1081**	NJJ2487, RAK7085	410	181	282	243	335	10x23.5	2CB2T							LE/70/1		
			R	DRUM	**LE1084**	FBU3897	410	191	281	268	335	10x23.5	2CS2T							LE/71/1		
			R	DRUM	**LE1097**	NJJ2488	410	194	282	256	335	10x23.5	2CB2T							LE/70/1		
Cruiser 16.15, 16.17	1982	1983	F	DRUM	**LE1030**	AAW4898, MAK3255, NJK2688	394	191	282	235	335	10x23.5	2CB2T							GG/92/1		
	1984	1990	F	DRUM	**LE1066**	MAK6303, NJK2779, RAK4499	410	189	282	235	335	10x23.5	2CB2T							LE/71/1		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1982	1983	R	DRUM	**LE1024**	48171, 605K47	394	206	282	256	335	10x23.5	2CB2T							LE/64/2	
	1984	1990	R	DRUM	**LE1067**	NAK7484, RAK4552, RAK6766	410	176	282	241	335	10x23.5	2CB2T							LE/70/1	
			R	DRUM	**LE1068**	NAK7541, RAK4602	410	187	282	252	335	10x23.5	2CB2T							LE/70/1	
			R	DRUM	**LE1068**	NAK7541, RAK4602	410	187	282	252	335	10x23.5	2CB2T							LE/71/1	
			R	DRUM	**LE1081**	NJJ2487, RAK7085	410	181	282	243	335	10x23.5	2CB2T							LE/70/1	
			R	DRUM	**LE1081**	NJJ2487, RAK7085	410	181	282	243	335	10x23.5	2CB2T							LE/71/1	
			R	DRUM	**LE1097**	NJJ2488	410	194	282	256	335	10x23.5	2CB2T							LE/71/1	
			R	DRUM	**LE1097**	NJJ2488	410	194	282	256	335	10x23.5	2CB2T							LE/70/1	
Cruiser 16.18	1981		F	DRUM	**LE1030**	AAW4898, MAK3255, NJK2688	394	191	282	235	335	10x23.5	2CB2T							GG/92/1	
			R	DRUM	**LE1034**	DBK1020, MAK2565	394	222	283	283	335	10x23.5	2CB2T							GG/142/1	
Cruiser 16.21			F	DRUM	**LE1030**	AAW4898, MAK3255, NJK2688	394	191	282	235	335	10x23.5	2CB2T							GG/92/1	
			R	DRUM	**LE1034**	DBK1020, MAK2565	394	222	283	283	335	10x23.5	2CB2T							GG/142/1	
Cruiser 16.23			F	DRUM	**LE1030**	AAW4898, MAK3255, NJK2688	394	191	282	235	335	10x23.5	2CB2T							GG/92/1	
			R	DRUM	**LE1034**	DBK1020, MAK2565	394	222	283	283	335	10x23.5	2CB2T							GG/142/1	
Cruiser 16.26	1984		F	DRUM	**LE1066**	MAK6303, NJK2779, RAK4499	410	189	282	235	335	10x23.5	2CB2T							LE/71/1	
			R	DRUM	**LE1111**	RAK4603	411	221	282	282	335	10x23.5	2CB2T								
Freighter 11.11, 11.14, 11.15	1982		F	DRUM	**LE1072**	NJK1685	330	146	223	213	275	8x22	2CS2T							GG/163/164/1	
			R	DRUM	**LE1071**	NJJ1374	330	152	223	229	275	8x22	2CS2T							GG/163/164/1	
Freighter 13.11, 13.13, 13.14, 13.16			F	DRUM	**LE1076**	MAK5643, NJK1686	387	139	223	203	275	8x22	2CS2T							LE/54/1	
			R	DRUM	**LE1075**	NJJ1398	394	151	223	213	275	8x22	2CS2T							LE/59/1 PSV	
			R	DRUM	**LE1075**	NJJ1398	394	151	223	213	275	8x22	2CS2T							GG/153/1	
Freighter 14.11, 14.13, 14.14, 14.16			F	DRUM	**LE1076**	MAK5643, NJK1686	387	139	223	203	275	8x22	2CS2T							LE/54/1	
			R	DRUM	**LE1106**	NJJ1385	394	163	223	229	275	8x22	2CS2T							GG/140/1	
Freighter 15.11, 15.14, 16.13, 16.14, 16.15	1981		F	DRUM	**LE1051**	ABW4805, MAK3435	394	165	282	208	335	10x23.5	2CB2T							GG/83/1	
			F	DRUM	**LE1072**	NJK1685	330	146	223	213	275	8x22	2CS2T							GG/194/1	
			R	DRUM	**LE1024**	48171, 605K47	394	206	282	256	335	10x23.5	2CB2T							LE/64/2	
Freighter 16.13, 16.15, 16.16, 16.17, 17.14, 17.16, 17.18	1984		F	DRUM	**LE1066**	MAK6303, NJK2779, RAK4499	410	189	282	235	335	10x23.5	2CB2T							LE/71/1	
			R	DRUM	**LE1067**	NAK7484, RAK4552, RAK6766	410	176	282	241	335	10x23.5	2CB2T							LE/70/1	
			R	DRUM	**LE1068**	NAK7541, RAK4602	410	187	282	252	335	10x23.5	2CB2T							LE/70/1	
			R	DRUM	**LE1081**	NJJ2487, RAK7085	410	181	282	243	335	10x23.5	2CB2T							LE/70/1	
			R	DRUM	**LE1097**	NJJ2488	410	194	282	256	335	10x23.5	2CB2T							LE/70/1	
Roadrunner 10.12		1985	F		**TBA**	Part number to be advised														LH/94/2	
			R	DRUM	**LE1094**	NAK8818	330	147	163	224	205	6x20	3T								
Roadrunner 6.10, 6.12, 8.10, 8.12			F	DRUM	**LE1063**	RAK2384	330	108	163	149	205	6x20	3T							LH/94/2	
			R	DRUM	**LE1064**	NAK8620	308	113	163	175	205	6x20	3T							LH/100/104/2	
Roadtrain 16.25 - 19.28 - Lucas brake	1980	1989	F	DRUM	**LE1027**	AAW4892, NJK2185, NJK2775, RAK4483	394	217	283	254	335	10x23.5	2CB2T							GG/189/1	
			R	DRUM	**LE1034**	DBK1020, MAK2565	394	222	283	283	335	10x23.5	2CB2T							GG/189/1	
Roadtrain 16.25 - 19.28 - Meritor brake			F	DRUM	**LE1027**	AAW4892, NJK2185, NJK2775, RAK4483	394	217	283	254	335	10x23.5	2CB2T							CW/12/1	
			R	DRUM	**LE1034**	DBK1020, MAK2565	394	222	283	283	335	10x23.5	2CB2T							CW/12/1	
Roadtrain 20.29, 20.33, 20.35 - Lucas brake	1983	1990	F	DRUM	**LE1027**	AAW4892, NJK2185, NJK2775, RAK4483	394	217	283	254	335	10x23.5	2CB2T							GG/189/1	
			R	DRUM	**LE1034**	DBK1020, MAK2565	394	222	283	283	335	10x23.5	2CB2T							GG/189/1	
			R	DRUM	**LE1120**	MAK3430, NJK2777	394	175	283	217	335	10x24	2CB2T								

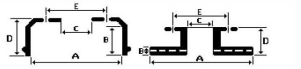
Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Roadtrain 20.29, 20.33, 20.35 - Meritor brake			F	DRUM	**LE1027**	AAW4892, NJK2185, NJK2775, RAK4483	394	217	283	254	335	10x23.5	2CB2T							CW/12/1	
			R	DRUM	**LE1034**	DBK1020, MAK2565	394	222	283	283	335	10x23.5	2CB2T							CW/12/1	
			R	DRUM	**LE1120**	MAK3430, NJK2777	394	175	283	217	335	10x24	2CB2T								
Roadtrain 24.35	1987		F	DRUM	**LE1061**	ABW4800	419	216	282	259	335	10x23.5	2CB2T							RW/5/6/4	
			R	DRUM	**LE1053**	DBK1019	419	217	283	283	335	10x23.5	2CB2T							RW/5/6/4	
Terrier TR650, TR738, TR750	1970	1984	F	DRUM	**LE1101**	11K4200	330	113	160	167	205	6x23	3CS3T							GG/144/1	
			R	DRUM	**LE1056**	41K7010	308	114	160	175	205	6x23.5	3CS3T								
Terrier TR850			F	DRUM	**LE1105**	11K4221	330	109	160	182	205	6x23	3CS3T							GG/144/1	
			R	DRUM	**LE1107**	41K7028	330	149	160	224	205	6x23	3CS3T							GG/163/164/1	
Terrier TR950	1972		F	DRUM	**LE1105**	11K4221	330	109	160	182	205	6x23	3CS3T							GG/144/1	
			R	DRUM	**LE1107**	41K7028	330	149	160	224	205	6x23	3CS3T							GG/163/164/1	
Leyland PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Atlantean	1958		F	DRUM	**LE1050**	837340 WITH MIRA DRILLING, NLK5378	394	138	279	195	335	10x31.3	2CB2T							LE/59/1 PSV	
			R	DRUM	**LE1043**	507139, 836828 WITH MIRA DRILLING	394	218	279	267	335	10x31.3	8CB4T							LE/60/2 PSV	
Cub	1983		F	DRUM	**LE1105**	11K4221	330	109	160	182	205	6x23	3CS3T							GG/144/1	
			R	DRUM	**LE1107**	41K7028	330	149	160	224	205	6x23	3CS3T							GG/163/164/1	
DAB Articulated	1979	1985	F	DRUM	**LE1069**	NAK7155, NLK3614, RLK1778	394	167	283	208	335	10x23.5	2CB2T							LE/69/1 PSV	
			R	DRUM	**LE1069**	NAK7155, NLK3614, RLK1778	394	167	283	208	335	10x23.5	2CB2T							LE/69/1 PSV	
			R	DRUM	**LE1077**	DBK1022	394	216	283	265	335	10x23.5	5CB3T							LE/60/2 PSV	
Leopard	1970		F	DRUM	**LE1050**	837340 WITH MIRA DRILLING, NLK5378	394	138	279	195	335	10x31.3	2CB2T							LE/59/1 PSV	
			R	DRUM	**LE1043**	507139, 836828 WITH MIRA DRILLING	394	218	279	267	335	10x31.3	8CB4T							LE/60/2 PSV	
			R	DRUM	**LE1044**	551095	394	216	279	283	335	10x31.3	8CB4T							GG/142/1	
			R	DRUM	**LE1044**	551095	394	216	279	283	335	10x31.3	8CB4T							LE/60/2 PSV	
Lynx Coach	1984		F	DRUM	**LE1069**	NAK7155, NLK3614, RLK1778	394	167	283	208	335	10x23.5	2CB2T							LE/69/1 PSV	
			R	DRUM	**LE1073**	NAK8969	394	222	283	278	335	10x23	2CB2T							LE/60/2 PSV	
National	1970	1975	F	DRUM	**LE1005**	AAW4883, ABW4804, NAK5360	394	168	279	207	335	10x23.5	2CB2T							LE/69/1 PSV	
			R	DRUM	**LE1043**	507139, 836828 WITH MIRA DRILLING	394	218	279	267	335	10x31.3	8CB4T							LE/60/2 PSV	
Olympian	1977		F	DRUM	**LE1086**	NAK2785, NLK3614, NRK4693	394	167	282	208	335	10x23.5	2CB4T							LE/69/1 PSV	
			R	DRUM	**LE1036**	NAK2636	394	218	282	268	335	10x23.5	2CB4T							LE/60/2 PSV	
Olympian - Volvo chassis	1993		F	DRUM	**VO1074**	1599678, 3094888, 311104, 3111104/0	410	190	282	250	335	10x28	2T							VL/87/2	
			R	DRUM	**VO1075**	3111116/4, 311116	410	237	282	286	335	10x28	2CS2T							VL/89/2	
Panther	1964	1974	F	DRUM	**LE1069**	NAK7155, NLK3614, RLK1778	394	167	283	208	335	10x23.5	2CB2T							LE/59/1 PSV	
			R	DRUM	**LE1038**	NAK3828	394	218	282	267	335	10x23.5	2CB4T							LE/60/2 PSV	
Reliance	1954	1972	F	DRUM	**LE1028**	10885272, AAW4872, AAW4896	394	165	279	207	335	10x23.5	2CB2T							GG/83/1	
			R	DRUM	**LE1008**	F1/15625, F1/15626	394	206	280	238	335	10x32	4CB2T							GG/92/1	
			R	DRUM	**LE1025**	AAU4701, Fi/15632	394	193	281	238	335	10x32	4T							GG/92/1	
			R	DRUM	**LE1026**	610515/4, AAU5467	394	194	281	238	335	10x23.5	4T							GG/92/1	
			R	DRUM	**LE1058**	ABU6920	394	216	281	260	335	10x23.5	4T							GG/142/1	
Routemaster	1960	1968	F	DRUM	**LE1002**	L20036	394	152	280	183	335	10x32.5	2T							AD/54/2	
			R	DRUM	**LE1007**	F1/15617	394	235	280	262	335	10x32.5								AD/53/2	
Royal Tiger	1981		F	DRUM	**LE1069**	NAK7155, NLK3614, RLK1778	394	167	283	208	335	10x23.5	2CB2T							LE/69/1 PSV	
			R	DRUM	**LE1054**	DBK1008, NAK4931	394	219	282	267	335	10x26.5	2CB4T							LE/60/2 PSV	
			R	DRUM	**LE1073**	NAK8969	394	222	283	278	335	10x23	2CB2T							LE/60/2 PSV	

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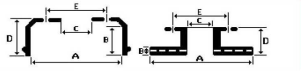

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Swift Bus	1987		F	DISC	**LE1112**	AMPB887, MAK2487, NJK2768, PAK3546, RAK5513	312	30	133	137	155	12xM12		WP503							
			R	DRUM	**LE1104**	AMPA962, AMPB962, NJJ3627, RAK7501	325	159	223	212	275	8x22	2T							MP/39/40/1	
Tiger	1954		F	DRUM	**LE1069**	NAK7155, NLK3614, RLK1778	394	167	283	208	335	10x23.5	2CB2T							LE/69/1 PSV	
			F	DRUM	**LE1089**	RLK2758	394	214	282	260	335	10x23.5	2CB2T							LE/60/2 PSV	
			R	DRUM	**LE1038**	NAK3828	394	218	282	267	335	10x23.5	2CB4T							LE/60/2 PSV	
Tiger Coach	1981		F	DRUM	**LE1069**	NAK7155, NLK3614, RLK1778	394	167	283	208	335	10x23.5	2CB2T							LE/69/1 PSV	
			R	DRUM	**LE1054**	DBK1008, NAK4931	394	219	282	267	335	10x26.5	2CB4T							LE/60/2 PSV	
			R	DRUM	**LE1073**	NAK8969	394	222	283	278	335	10x23	2CB2T							LE/60/2 PSV	
Tiger Model 3500	1954		F	DRUM	**LE1069**	NAK7155, NLK3614, RLK1778	394	167	283	208	335	10x23.5	2CB2T							LE/69/1 PSV	
			F	DRUM	**LE1089**	RLK2758	394	214	282	260	335	10x23.5	2CB2T							LE/60/2 PSV	
Titan	1979	1984	F	DRUM	**LE1035**	DBK1021	394	166	279	202	335	10x23.5	2CB2T							LE/69/1 PSV	
			F	DRUM	**LE1037**	NAK3685	394	161	282	202	335	10x23.5	2CB2T							LE/69/1 PSV	
			F	DRUM	**LE1078**	NRK4694	394	162	282	202	335	10x23.5	2CB4T							LE/69/1 PSV	
			F	DRUM	**LE1096**	NRK4645	394	162	279	204	335	10x23.5	2CB4T							LE/69/1 PSV	
			R	DRUM	**LE1032**	DBK0002	394	234	279	262	335	10x23.5	4T							LE/60/2 PSV	
			R	DRUM	**LE1052**	NAK3686	394	221	282	268	335	10x23.5	2CB4T							LE/60/2 PSV	
Titan PD3	1956	1967	F	DRUM	**LE1085**	506976	425.450	107.95	279.4	186.69	335	10x31.344	8CB 2T								
			R	DRUM	**LE1083**	506977	425.45	170	279.4	257.3	335	10x31.34	8CB - 3T								
Victory	1979		F	DRUM	**SA1003**	7165/88	394	187	280	229	335	10x23.5	1CS2T							GG/92/1	
			R	DRUM	**LE1042**	30038, 35500168, 500168, 9314/40	394	191	280	238	335	10x32	2T							GG/142/1	
Viking VK.57AL	1973		F	DRUM	**LE1014**	605K16	394	124	279	176	335	10x29	2CB2T								
			R	DRUM	**LE1013**	605K14	394	202	279	250	335	10x32	4CB2T							AL/49/1	
Liaz PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
400 Series	1998		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
			R		**TBA**	Part number to be advised															
4292	2015		F	DISC	**LI1001**	4472334015	377	45	186	147	219	8xM14									
			R	DISC	**TBA DISC**	Part number to be advised															
Liebherr							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Brake Discs - All models from 2010 with Wabco MAXXUS22 Caliper	2010		F	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP1584							
			Mid	DISC	**KE1029**	11632173, G4H2 100521 R7271841A, G4H2/100521/R7271841A, TADANO FAUN 99707037130	434	43	290	157.5	335	10xM20x1.5		WP1584							
			R	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP1584							
Brake Discs - All models from 2010 with Wabco PAN22-1 Caliper			F	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP139		WL078		WA254	WA275		
			R	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP139		WL078		WA254	WA275		
Lohr							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
360 x 160	1985		T	DRUM	**BP1012**	0310590050, 0310990250	360	189	230	221	275	8x23								BC/104/105/1	WBSK0056
305 x 125	1980		T	DRUM	**CO1003**	6056097, 96056097	305	132	160	175	205	6x17									

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
305 x 150	1985		T	DRUM	**DU1003**	07305038, 2301002, 7305038, 730538, Y00002300, Y00002366	305	160	176	234	225	10x26.5	2CS2T							SA/36/37/1	
305 x 200			T	DRUM	**DU1001**	07901060, 7901060, 790160	305	210	176	256	225	10x26								LZ/2/3/1	
306 x 200			T	DRUM	**CO1001**	300202105, 6050030, 96050030	305	203	178	259	225	10x26	2CS2T							LZ/1/1	
			T	DRUM	**CO1002**	50375, 5049, 707303097, 7303097, 730397, Y00000227	305	214	176	286	225	10x26.5	2CS2T							LZ/2/3/1	
306 x125			T	DRUM	**CO1003**	6056097, 96056097	305	132	160	175	205	6x17									
355 x 150 3515			T	DRUM	**DU1002**	08702035, 1440 055, 1440-055, 2179193, 708702035, 8702035	355	156	225	215	275	8x26	2xM12 x 1.75							LZ/4/5/1	WBSK0049
355 x 150 S3515			T	DRUM	**DU1002**	08702035, 1440 055, 1440-055, 2179193, 708702035, 8702035	355	156	225	215	275	8x26	2xM12 x 1.75							LZ/4/5/1	WBSK0045
Mack							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Granite - with disc brakes	2014		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP136, WP137				WA251			
			R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP136, WP137				WA251			
Midliner 15" x 4.5"	1985		F	DRUM	**MAK1002**	5000444486	381	116	284	186	335	10x26.5	2CB2T								
Midliner 16.5" x 7"			R	DRUM	**MAK1001**	5000445283	419	191	280.8	241	335	10x26.5	2CB2T								
MS200, MS300			F	DRUM	**MAK1002**	5000444486	381	116	284	186	335	10x26.5	2CB2T								
Pinnacle - with disc brakes	2008	2014	F	DISC	**BEN1001**	802081 BXW, 802081BXW, K000758, K038573	430	45	220	138.2	249.5	10x5/8"		WP132				WA230			
			F	DISC	**BEN1002**	802082 BXW, 802082BXW, K000332, K038574, K110358, S-32193	430	45	220	150	249.5	10x5/8		WP132				WA230			
	2014		F	DISC	**DA1059**	- THIS IS AN INTERFERENCE FIT DESIGN AND SHOULD BE FITTED USING A PRESS, 10025445, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT	430	45	217	45	230	10x8.5 (Torque Setting 20Nm)		WP132				WA230			
	2008	2014	R	DISC	**BEN1001**	802081 BXW, 802081BXW, K000758, K038573	430	45	220	138.2	249.5	10x5/8"		WP132				WA230			
			R	DISC	**BEN1002**	802082 BXW, 802082BXW, K000332, K038574, K110358, S-32193	430	45	220	150	249.5	10x5/8		WP132				WA230			
	2014		R	DISC	**DA1059**	- THIS IS AN INTERFERENCE FIT DESIGN AND SHOULD BE FITTED USING A PRESS, 10025445, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT	430	45	217	45	230	10x8.5 (Torque Setting 20Nm)		WP132				WA230			
TerraPro - with disc brakes			F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP136, WP137				WA251			
			R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP136, WP137				WA251			
Titan - with disc brakes			F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP136, WP137				WA251			
			R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP136, WP137				WA251			
MAN							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
All Models 13.168 - 48.502	1973		F	DRUM	**MD1011**	81.50110.0214, 81.50110.0227, 81.50110.0232, 81501100214, 81501100227, 81501100232	410	184	298	232	335	10x23	2CB3T							MP/32/2	WBSK0046
			F		**TBA**	Part number to be advised															














Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MP/31/2	
	1995		F	DISC	**MD1006**	81.50803.0024, 81.50803.0026, 81508030024, 81508030026	330	34	135	104	158	10xM14		WP1279		WL025		WA235			
			F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL054		WA231	WA238		
	1973		R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
	1995		R	DRUM	**MD1008**	81.50110.0175, 81.50110.0195, 81501100175, 81501100195	325	156	204	192	245	6x20	3T							GG/210/1	
			R	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231	WA238		
			R	DISC	**MD1017**	81.50803.0022, 81.50803.0061, 81508030022, 81508030061	330	34	157	124	180	12xM12		WP1279		WL025		WA235			
			R	DRUM	**MD1016**	81.50110.0237, 81.50110.3237, 81501100237, 81501103237	360	187	230	247	275	8x22	3T							GG/232/1 PSV	
F90 Series - With discs fitted	1989	1996	F	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			F	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
F90 Series - With drums fitted	1987		F	DRUM	**MD1011**	81.50110.0214, 81.50110.0227, 81.50110.0232, 81501100214, 81501100227, 81501100232	410	184	298	232	335	10x23	2CB3T							MP/31/2	
			F	DRUM	**MD1011**	81.50110.0214, 81.50110.0227, 81.50110.0232, 81501100214, 81501100227, 81501100232	410	184	298	232	335	10x23	2CB3T							MP/32/2	WBSK0046
			F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MP/31/2	
	1994		F	DRUM	**MD1011**	81.50110.0214, 81.50110.0227, 81.50110.0232, 81501100214, 81501100227, 81501100232	410	184	298	232	335	10x23	2CB3T							MP/32/2	WBSK0046
			F	DRUM	**MD1011**	81.50110.0214, 81.50110.0227, 81.50110.0232, 81501100214, 81501100227, 81501100232	410	184	298	232	335	10x23	2CB3T							MP/31/2	
			F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MP/31/2	
	1987		R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
	1994		R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
F2000 Series - With discs fitted - MERITOR D-Elsa Caliper		2002	F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2			WA208-1			
			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2			WA208-1			
			F	DISC	**MD1023S**	- WINNARD SOLID VERSION, 28050090, 81.50803-0023, 81.50803-0038, 81.50803-0040, 81.50803-0046	432	45	131	130	168	12x19	3T	WP760	WP760S2	WL054		WA208-1			
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
F2000 Series - With discs fitted - MERITOR D-Elsa 2 Caliper	2002		F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP1404	WP1404S2	WL027		WA208			
			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL027		WA208			
			F	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL027		WA208			
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
F2000 Series - With drums fitted	1994		F	DRUM	**MD1011**	81.50110.0214, 81.50110.0227, 81.50110.0232, 81501100214, 81501100227, 81501100232	410	184	298	232	335	10x23	2CB3T							MP/31/2	
			F	DRUM	**MD1011**	81.50110.0214, 81.50110.0227, 81.50110.0232, 81501100214, 81501100227, 81501100232	410	184	298	232	335	10x23	2CB3T							MP/32/2	
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**MD1013**	81.50110.0113, 81.50110.0118, 81.50110.0213, 81.50110.3213, 81501100113, 81501100118	410	175	298	250	335	10x23	5x23 3T							MP/31/2	
G Series 7.5 ton - Lucas Brake	1978	1993	F	DRUM	**MD1007**	81.50110.0174, 81.50110.0194, 81501100174, 81501100194	325	105	204	167	245	6x20	3T							GG/209/1	
			F	DRUM	**MD1008**	81.50110.0175, 81.50110.0195, 81501100175, 81501100195	325	156	204	192	245	6x20	3T							GG/210/1	
			R	DRUM	**MD1007**	81.50110.0174, 81.50110.0194, 81501100174, 81501100194	325	105	204	167	245	6x20	3T							GG/209/1	
			R	DRUM	**MD1008**	81.50110.0175, 81.50110.0195, 81501100175, 81501100195	325	156	204	192	245	6x20	3T							GG/210/1	
G Series 7.5ton - Perrot Brake			F	DRUM	**MD1007**	81.50110.0174, 81.50110.0194, 81501100174, 81501100194	325	105	204	167	245	6x20	3T							MP/37/38/1	
			F	DRUM	**MD1008**	81.50110.0175, 81.50110.0195, 81501100175, 81501100195	325	156	204	192	245	6x20	3T							MP/39/40/1	
	1983	1988	F	DRUM	**MD1009**	81.50110.0216, 81501100216	360	155	230	198	275	8x22	3T							GG/217/1 PSV	
	1987	1993	F	DRUM	**MD1007**	81.50110.0174, 81.50110.0194, 81501100174, 81501100194	325	105	204	167	245	6x20	3T							GG/209/1	
			F	DRUM	**MD1008**	81.50110.0175, 81.50110.0195, 81501100175, 81501100195	325	156	204	192	245	6x20	3T							GG/210/1	
	1978		R	DRUM	**MD1007**	81.50110.0174, 81.50110.0194, 81501100174, 81501100194	325	105	204	167	245	6x20	3T							MP/37/38/1	
			R	DRUM	**MD1008**	81.50110.0175, 81.50110.0195, 81501100175, 81501100195	325	156	204	192	245	6x20	3T							MP/39/40/1	
	1983	1988	R	DRUM	**MD1010**	81.50110.0212, 81501100212	360	172	230	242	275	8x22	3T							GG/218/1 PSV	
	1987	1993	R	DRUM	**MD1007**	81.50110.0174, 81.50110.0194, 81501100174, 81501100194	325	105	204	167	245	6x20	3T							GG/209/1	
			R	DRUM	**MD1008**	81.50110.0175, 81.50110.0195, 81501100175, 81501100195	325	156	204	192	245	6x20	3T							GG/210/1	
L2000			F	DRUM	**MD1007**	81.50110.0174, 81.50110.0194, 81501100174, 81501100194	325	105	204	167	245	6x20	3T							GG/209/1	
			F	DRUM	**MD1008**	81.50110.0175, 81.50110.0195, 81501100175, 81501100195	325	156	204	192	245	6x20	3T							GG/210/1	
	1993	1996	F	DISC	**MD1003**	81.50803.0010, 81508030010	324	30	135	102	158	10xM14		WP987		WL025					
	1996		F	DISC	**MD1006**	81.50803.0024, 81.50803.0026, 81508030024, 81508030026	330	34	135	104	158	10xM14		WP1279		WL025		WA235			
			F	DISC	**MD1017**	81.50803.0022, 81.50803.0061, 81508030022, 81508030061	330	34	157	124	180	12xM12		WP1279		WL025		WA235			
	1987	1993	R	DRUM	**MD1007**	81.50110.0174, 81.50110.0194, 81501100174, 81501100194	325	105	204	167	245	6x20	3T							GG/209/1	
			R	DRUM	**MD1008**	81.50110.0175, 81.50110.0195, 81501100175, 81501100195	325	156	204	192	245	6x20	3T							GG/210/1	
	1993	1996	R	DRUM	**MD1007**	81.50110.0174, 81.50110.0194, 81501100174, 81501100194	325	105	204	167	245	6x20	3T							GG/209/1	
			R	DRUM	**MD1008**	81.50110.0175, 81.50110.0195, 81501100175, 81501100195	325	156	204	192	245	6x20	3T							GG/210/1	
			R	DRUM	**MD1014**	81.50110.0233, 81501100233	325	157	208	207.5	245	6x20	3T							GG/210/1	
	1996		R	DRUM	**MD1007**	81.50110.0174, 81.50110.0194, 81501100174, 81501100194	325	105	204	167	245	6x20	3T							GG/209/1	
			R	DRUM	**MD1008**	81.50110.0175, 81.50110.0195, 81501100175, 81501100195	325	156	204	192	245	6x20	3T							GG/210/1	
			R	DRUM	**MD1014**	81.50110.0233, 81501100233	325	157	208	207.5	245	6x20	3T							GG/210/1	
			R	DISC	**MD1017**	81.50803.0022, 81.50803.0061, 81508030022, 81508030061	330	34	157	124	180	12xM12		WP1279		WL025		WA235			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**MD1024**	81.50803.0039, 81508030039, 9704230212, 9704230912	330	34	145	130	177	8xM12		WP1279		WL025		WA235			
LE Series 6 -12 ton - LE110C - LE220C	2000		F	DISC	**MD1006**	81.50803.0024, 81.50803.0026, 81508030024, 81508030026	330	34	135	104	158	10xM14		WP1279		WL025		WA235			
			F	DISC	**MD1017**	81.50803.0022, 81.50803.0061, 81508030022, 81508030061	330	34	157	124	180	12xM12		WP1279		WL025		WA235			
	2005		F	DISC	**MD1026**	81.50803.0042, 81.50803.0053, 81508030042, 81508030053	335	34	90	93	122	10x15		WP1277				WA238			
	2000		R	DISC	**MD1006**	81.50803.0024, 81.50803.0026, 81508030024, 81508030026	330	34	135	104	158	10xM14		WP1279		WL025		WA235			
			R	DISC	**MD1017**	81.50803.0022, 81.50803.0061, 81508030022, 81508030061	330	34	157	124	180	12xM12		WP1279		WL025		WA235			
			R	DISC	**MD1024**	81.50803.0039, 81508030039, 9704230212, 9704230912	330	34	145	130	177	8xM12		WP1279		WL025		WA235			
	2005		R	DISC	**MD1027**	81.50803.0043, 81.50803.0054, 81.50803.0062, 81.50803.0063, 81508030043, 81508030054	335	34	154	118	176	10xM14		WP1277				WA238			
LE Series 14-18 ton - KNORR SB6000 Caliper	2000		F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231	WA238		
			R	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231			
			R	DRUM	**MD1016**	81.50110.0237, 81.50110.3237, 81501100237, 81501103237	360	187	230	247	275	8x22	3T							GG/232/1 PSV	
LE Series 14-18 ton - MERITOR D-Elsa Caliper			F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2			WA208-1			
			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2			WA208-1			
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
M 90 12.152 - 14.272	1988	1996	F	DRUM	**MD1009**	81.50110.0216, 81501100216	360	155	230	198	275	8x22	3T							GG/217/1 PSV	
			F	DRUM	**MD1018**	81.50110.0229, 81501100229	360	155	230	223	275	8x22	3T							GG/217/1 PSV	
			R	DRUM	**MD1010**	81.50110.0212, 81501100212	360	172	230	242	275	8x22	3T							GG/218/1 PSV	
			R	DRUM	**MD1016**	81.50110.0237, 81.50110.3237, 81501100237, 81501103237	360	187	230	247	275	8x22	3T							GG/232/1 PSV	
M 90 17.192 - 24.272	1989		F	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			F	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MP/31/2	
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
M2000 12 Series	1996		F	DISC	**MD1006**	81.50803.0024, 81.50803.0026, 81508030024, 81508030026	330	34	135	104	158	10xM14		WP1279		WL025		WA235			
			F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1279		WL025		WA235			
			F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231	WA238		
			R	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1279		WL025		WA235			
			R	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231	WA238		
			R	DISC	**MD1017**	81.50803.0022, 81.50803.0061, 81508030022, 81508030061	330	34	157	124	180	12xM12		WP1279		WL025		WA235			
			R	DRUM	**MD1016**	81.50110.0237, 81.50110.3237, 81501100237, 81501103237	360	187	230	247	275	8x22	3T							GG/232/1 PSV	
M2000 15 Series	1995		F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231	WA238		
			F	DRUM	**MD1013**	81.50110.0113, 81.50110.0118, 81.50110.0213, 81.50110.3213, 81501100113, 81501100118	410	175	298	250	335	10x23	5x23 3T							MP/31/2	
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
			R	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231	WA238		
M2000 18 - 26 Series	1996		F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2	WL010		WA208-1			
			F	DRUM	**MD1013**	81.50110.0113, 81.50110.0118, 81.50110.0213, 81.50110.3213, 81501100113, 81501100118	410	175	298	250	335	10x23	5x23 3T							MP/31/2	
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
ME2000 12 - 14 tonne	2000		F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231	WA238		
			R	DRUM	**MD1010**	81.50110.0212, 81501100212	360	172	230	242	275	8x22	3T							GG/218/1 PSV	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**MD1016**	81.50110.0237, 81.50110.3237, 81501100237, 81501103237	360	187	230	247	275	8x22	3T							GG/232/1 PSV	
ME2000 18 - 26 tonne - MERITOR D-Elsa Caliper			F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2	WL010		WA208-1			
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
ME2000 18 - 26 tonne - MERITOR D-Elsa 2 Caliper			F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP1404	WP1404S2	WL027		WA208			
			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL027		WA208			
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
TGA - Second Steer / Trailing Axles			T	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			T	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP988	WP988S2			WA230			
			T	DISC	**MD1028**	81.50803.0044, 81508030044	377	45	106	108	144	12x17		WP1329		WL054		WA231	WA238		
			T	DISC	**MD1023S**	- WINNARD SOLID VERSION, 28050090, 81.50803-0023, 81.50803-0038, 81.50803-0040, 81.50803-0046	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			T	DISC	**MD1025S**	- WINNARD SOLID VERSION, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041, 81508030021	432	45	208	135	235	10xM16		WP988	WP988S2			WA230			
TGA - With Drums fitted			F	DRUM	**MD1011**	81.50110.0214, 81.50110.0227, 81.50110.0232, 81501100214, 81501100227, 81501100232	410	184	298	232	335	10x23	2CB3T							MP/32/2	WBSK0046
			F	DRUM	**MD1013**	81.50110.0113, 81.50110.0118, 81.50110.0213, 81.50110.3213, 81501100113, 81501100118	410	175	298	250	335	10x23	5x23 3T							MP/31/2	
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
			R	DRUM	**MD1013**	81.50110.0113, 81.50110.0118, 81.50110.0213, 81.50110.3213, 81501100113, 81501100118	410	175	298	250	335	10x23	5x23 3T							MP/31/2	
TGA - With KNORR SN7000 Caliper			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			F	DISC	**MD1023S**	- WINNARD SOLID VERSION, 28050090, 81.50803-0023, 81.50803-0038, 81.50803-0040, 81.50803-0046	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			FFRONT H-D	DISC	**MD1029**	81.50803.0056, 81.50803.0058, 81.50803.0064, 81.50803.0070, 81508030056, 81508030058	432	45	208	118	230	16xM12		WP988	WP988S2			WA230			
			FRONT 2nd	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			FRONT 2nd	DISC	**MD1023S**	- WINNARD SOLID VERSION, 28050090, 81.50803-0023, 81.50803-0038, 81.50803-0040, 81.50803-0046	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**MD1025S**	- WINNARD SOLID VERSION, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041, 81508030021	432	45	208	135	235	10xM16		WP988	WP988S2			WA230			
TGA - With MERITOR D-Elsa 2 Caliper			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL027		WA208			
			F	DISC	**MD1023S**	- WINNARD SOLID VERSION, 28050090, 81.50803-0023, 81.50803-0038, 81.50803-0040, 81.50803-0046	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL027		WA208			
			FRONT 2nd	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL027		WA208			
			FRONT 2nd	DISC	**MD1023S**	- WINNARD SOLID VERSION, 28050090, 81.50803-0023, 81.50803-0038, 81.50803-0040, 81.50803-0046	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL027		WA208			
			FRONT H-DR	DISC	**MD1029**	81.50803.0056, 81.50803.0058, 81.50803.0064, 81.50803.0070, 81508030056, 81508030058	432	45	208	118	230	16xM12		WP1404	WP1404S2	WL027		WA208			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP1404	WP1404S2	WL027		WA208			

WINNARD						X-Ref															
Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL027		WA208			
			R	DISC	**MD1025S**	- WINNARD SOLID VERSION, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041, 81508030021	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL027		WA208			
TGA - With MERITOR D-Elsa Caliper			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2	WL054		WA208-1			
			F	DISC	**MD1023S**	- WINNARD SOLID VERSION, 28050090, 81.50803-0023, 81.50803-0038, 81.50803-0040, 81.50803-0046	432	45	131	130	168	12x19	3T	WP760	WP760S2	WL054		WA208-1			
			FRONT H-DR	DISC	**MD1029**	81.50803.0056, 81.50803.0058, 81.50803.0064, 81.50803.0070, 81508030056, 81508030058	432	45	208	118	230	16xM12		WP760	WP760S2	WL054		WA208-1			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2	WL054		WA208-1			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2	WL054		WA208-1			
			R	DISC	**MD1025S**	- WINNARD SOLID VERSION, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041, 81508030021	432	45	208	135	235	10xM16		WP760	WP760S2	WL054		WA208-1			
TGE PR# 1LA & 1LB	2017		F	DISC	**MD1033**	MAN 65508030000, MAN 65508030006, VW 2N0615301A, VW 2N0615301D	303	28	76	70.3	120	5x16.6	1CB	WP1588		WL115					
			R	DISC	**MD1034**	MAN 65508030002, MAN 65508030003, VW 2N0615601A, VW 2N0615601C	303	28	120	98	145	6x15		WP1588, WP1589		WL115					
TGE PR# 1LC			F	DISC	**MD1036**	2N0615301B, 65.50803.0004A	325	30	76	70.4	120	5x16.5	1CB	WP1590		WL115					
			R	DISC	**MD1037**	2N0615601B	325	30	120	98.1	145	6x15.0		WP1591		WL115					
TGE PR# 1X0, 1X1			R	DISC	**MD1035**	MAN 65508030001, VW 2N0615601	300	22	76	51	120	5x16.5	1CB	WP1592		WL116					
TGL	2005		F	DISC	**MD1026**	81.50803.0042, 81.50803.0053, 81508030042, 81508030053	335	34	90	93	122	10x15		WP1277				WA238			
			R	DISC	**MD1027**	81.50803.0043, 81.50803.0054, 81.50803.0062, 81.50803.0063, 81508030043, 81508030054	335	34	154	118	176	10xM14		WP1277				WA238			
TGM - 13 Tonne			F	DISC	**MD1030**	81.50803.0051, 81508030051	380	45	155	106	178	12xM14		WP1329				WA231			
			F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MP/31/2	
			R	DISC	**MD1031**	81.50803.0052, 81508030052	380	45	169	137	192	12xM14		WP1329				WA231			
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
TGM - 13 Tonne 4x4	2006		F	DISC	**MD1030**	81.50803.0051, 81508030051	380	45	155	106	178	12xM14		WP1583				WA231			
			R	DISC	**MD1031**	81.50803.0052, 81508030052	380	45	169	137	192	12xM14		WP1583				WA231			
TGM - 15 Tonne	2005		F	DISC	**MD1028**	81.50803.0044, 81508030044	377	45	106	108	144	12x17		WP1329				WA231			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329				WA231			
TGM - 16 Tonne			F	DISC	**MD1026**	81.50803.0042, 81.50803.0053, 81508030042, 81508030053	335	34	90	93	122	10x15		WP1277				WA238			
			F	DISC	**MD1028**	81.50803.0044, 81508030044	377	45	106	108	144	12x17		WP1329				WA238			
			R	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329				WA238			
TGM - 18, 22, 26 Tonne - With Disc Brakes			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			F	DISC	**MD1023S**	- WINNARD SOLID VERSION, 28050090, 81.50803-0023, 81.50803-0038, 81.50803-0040, 81.50803-0046	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**MD1025S**	- WINNARD SOLID VERSION, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041, 81508030021	432	45	208	135	235	10xM16		WP988	WP988S2			WA230			
TGM - 18, 22, 26 Tonne - With Drum Brakes			F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MP/31/2	
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
TGS - With Drums fitted			F	DRUM	**MD1011**	81.50110.0214, 81.50110.0227, 81.50110.0232, 81501100214, 81501100227, 81501100232	410	184	298	232	335	10x23	2CB3T							MP/32/2	WBSK0046
			F	DRUM	**MD1013**	81.50110.0113, 81.50110.0118, 81.50110.0213, 81.50110.3213, 81501100113, 81501100118	410	175	298	250	335	10x23	5x23 3T							MP/31/2	
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
			R	DRUM	**MD1013**	81.50110.0113, 81.50110.0118, 81.50110.0213, 81.50110.3213, 81501100113, 81501100118	410	175	298	250	335	10x23	5x23 3T							MP/31/2	
TGS - With KNORR SN7000 Caliper			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			F	DISC	**MD1029**	81.50803.0056, 81.50803.0058, 81.50803.0064, 81.50803.0070, 81508030056, 81508030058	432	45	208	118	230	16xM12		WP988	WP988S2			WA230			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DISC	**MD1023S**	- WINNARD SOLID VERSION, 28050090, 81.50803-0023, 81.50803-0038, 81.50803-0040, 81.50803-0046	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			FRONT H-DR	DISC	**MD1029**	81.50803.0056, 81.50803.0058, 81.50803.0064, 81.50803.0070, 81508030056, 81508030058	432	45	208	118	230	16xM12		WP988	WP988S2			WA230			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**MD1025S**	- WINNARD SOLID VERSION, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041, 81508030021	432	45	208	135	235	10xM16		WP988	WP988S2			WA230			
TGS - With MERITOR D-Elsa 2 Caliper			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL027		WA208			
			F	DISC	**MD1029**	81.50803.0056, 81.50803.0058, 81.50803.0064, 81.50803.0070, 81508030056, 81508030058	432	45	208	118	230	16xM12		WP1404	WP1404S2	WL027		WA208			
			F	DISC	**MD1023S**	- WINNARD SOLID VERSION, 28050090, 81.50803-0023, 81.50803-0038, 81.50803-0040, 81.50803-0046	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL027		WA208			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP1404	WP1404S2	WL027		WA208			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL027		WA208			
			R	DISC	**MD1025S**	- WINNARD SOLID VERSION, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041, 81508030021	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL027		WA208			
TGX - With Drum Brake	2006		F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MP/31/2	
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	
TGX - With KNORR SN7000 Caliper			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			F	DISC	**MD1023S**	- WINNARD SOLID VERSION, 28050090, 81.50803-0023, 81.50803-0038, 81.50803-0040, 81.50803-0046	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			FRONT H-DR	DISC	**MD1029**	81.50803.0056, 81.50803.0058, 81.50803.0064, 81.50803.0070, 81508030056, 81508030058	432	45	208	118	230	16xM12		WP988	WP988S2			WA230			
			M	DISC	**MD1028**	81.50803.0044, 81508030044	377	45	106	108	144	12x17		WP1329				WA231			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**MD1025S**	- WINNARD SOLID VERSION, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041, 81508030021	432	45	208	135	235	10xM16		WP988	WP988S2			WA230			
			T	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			T	DISC	**MD1023S**	- WINNARD SOLID VERSION, 28050090, 81.50803-0023, 81.50803-0038, 81.50803-0040, 81.50803-0046	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
TGX - With MERITOR D-Elsa 2 Caliper			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL027		WA208			
			F	DISC	**MD1023S**	- WINNARD SOLID VERSION, 28050090, 81.50803-0023, 81.50803-0038, 81.50803-0040, 81.50803-0046	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL027		WA208			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP1404	WP1404S2	WL027		WA208			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP1404	WP1404S2	WL027		WA208			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL027		WA208			
			R	DISC	**MD1025S**	- WINNARD SOLID VERSION, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041, 81508030021	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL027		WA208			
TGX - With Wabco NG22MAX Caliper			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1566							
			F	DISC	**MD1023S**	- WINNARD SOLID VERSION, 28050090, 81.50803-0023, 81.50803-0038, 81.50803-0040, 81.50803-0046	432	45	131	130	168	12x19	3T	WP1566							
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP1566							
			R	DISC	**MD1025S**	- WINNARD SOLID VERSION, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041, 81508030021	432	45	208	135	235	10xM16		WP1566							
MAN PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
8.225 / 10.225 FOC/L	1993		F	DRUM	**MD1007**	81.50110.0174, 81.50110.0194, 81501100174, 81501100194	325	105	204	167	245	6x20	3T							GG/209/1	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**MD1008**	81.50110.0175, 81.50110.0195, 81501100175, 81501100195	325	156	204	192	245	6x20	3T							GG/210/1	
11.180 / 11.190	1992	1999	F	DRUM	**MD1009**	81.50110.0216, 81501100216	360	155	230	198	275	8x22	3T							GG/217/1 PSV	
			R	DRUM	**MD1010**	81.50110.0212, 81501100212	360	172	230	242	275	8x22	3T							GG/218/1 PSV	
11.220 HOCL	1996		F	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			F	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
	1998		F	DISC	**MNE1077**	A6754210112, A6864210012, A9754210012, A9754210112, A9754210212, A9754210512	377	45	106	134	138	14x14.5		WP1329		WL093		WA231	WA238		
	1996		R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
	1998		R	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1329		WL093		WA231	WA238		
12.220 HOCL	1989	1996	F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231	WA238		
			R	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231	WA238		
12.223 SLF	2006		F	DISC	**MD1028**	81.50803.0044, 81508030044	377	45	106	108	144	12x17		WP1329		WL093		WA231	WA238		
			R	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231	WA238		
12.240 HOCL-NL	2007		F	DISC	**MD1028**	81.50803.0044, 81508030044	377	45	106	108	144	12x17		WP1329		WL093		WA231	WA238		
			R	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231	WA238		
14.220 SLF	2002		F	DISC	**MD1028**	81.50803.0044, 81508030044	377	45	106	108	144	12x17		WP1329				WA231			
			R	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329				WA231			
14.240 HOCL-NL	2006		F	DISC	**MD1028**	81.50803.0044, 81508030044	377	45	106	108	144	12x17		WP1329		WL093		WA231	WA238		
			R	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231	WA238		
14.280 HOCL	2000	2006	F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231	WA238		
	2006		F	DISC	**MD1028**	81.50803.0044, 81508030044	377	45	106	108	144	12x17		WP1329		WL093		WA231	WA238		
	2000	2006	R	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231	WA238		
	2006		R	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231	WA238		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
16.280 / 16.290	1983	1993	F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MP/31/2	
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	
17.223 SLF	2006		F	DISC	**MD1028**	81.50803.0044, 81508030044	377	45	106	108	144	12x17		WP1329		WL093		WA231	WA238		
			R	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231	WA238		
18.220 MK I	1993		F	DRUM	**MD1011**	81.50110.0214, 81.50110.0227, 81.50110.0232, 81501100214, 81501100227, 81501100232	410	184	298	232	335	10x23	2CB3T							MP/32/2	WBSK0046
			F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MP/31/2	
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
18.220 MK II - MERITOR D-Elsa caliper	1996		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2	WL010		WA208-1			
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
18.220 MK II - MERITOR D-Elsa 2 caliper	1989	1996	F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
	1996		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL027		WA208			
	1989	1996	R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MB/76/77/1 PSV	
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP988	WP988S2			WA230			
	1996		R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
18.240 / 280 / 310 HOCL-NL - With Discs fitted	2007		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL054		WA208			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP1404	WP1404S2	WL054		WA208			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL054		WA208			
18.360 / 400 / 440 HOCL - With Discs fitted	2006		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL054		WA208			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP1404	WP1404S2	WL054		WA208			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL054		WA208			
18.360 / 400 / 440 HOCL - With Drums fitted			F	DRUM	**MD1011**	81.50110.0214, 81.50110.0227, 81.50110.0232, 81501100214, 81501100227, 81501100232	410	184	298	232	335	10x23	2CB3T							MP/32/2	
			F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MP/31/2	
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	
24.400 / 440 / 460 HOCLN - With Discs fitted	1999		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL054		WA208			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP1404	WP1404S2	WL054		WA208			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL054		WA208			
24.400 / 440 / 460 HOCLN - With Drums fitted			F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MP/31/2	
			F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MP/32/2	
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	
All models with drums fitted	1992	1989	F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MP/31/2	
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
EL202 / 222 / 262	1993	1999	F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
Enviro 300	2007		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL054		WA208			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL054		WA208			
Lion's City - With Meritor D-Elsa caliper	1996		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2	WL010		WA208-1			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			T	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2	WL010		WA208-1			
Lion's City - With Meritor D-Elsa 2 caliper			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2			WA208			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP1404	WP1404S2			WA208			
			T	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL054		WA208			
Lion's Coach - MERITOR D-Elsa caliper	1989	1996	F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2	WL010		WA208-1			
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MB/76/77/1 PSV	
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Lion's Comfort - MERITOR D-Elsa caliper			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2			WA208-1			
			F	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2			WA208-1			
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MB/76/77/1 PSV	
Lion's Star - up to 2000	1994	2000	F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP594				WA201			
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MB/76/77/1 PSV	
Lion's Star - KNORR SB/SN7000 caliper	2000		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP988	WP988S2			WA230			
Lion's Star - MERITOR D-Elsa caliper			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2			WA208-1			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2			WA208-1			
Lion's Star - MERITOR D-Elsa 2 caliper			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL093		WA208			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL093		WA208			
NG Series - 262, 263, 272, 312, 313	1992	1998	F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MB/74/75/1 PSV	
	1995		F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2			WA208-1			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1998		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2	WL010		WA208-1			
	1992	1998	R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MB/76/77/1 PSV	
	1998		R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
NL Range - With Drums fitted	1989		F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MB/74/75/1 PSV	
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MB/76/77/1 PSV	
NL Range A22, A24, A95 - With Discs fitted		1996	F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2	WL010		WA208-1			
	1997		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
	1989	1996	R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
	1997		R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
	1989	1996	T	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2	WL010		WA208-1			
	1997		T	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
NM222, NM223	1996		F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MB/76/77/1 PSV	
NU263		2002	F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2	WL010		WA208-1			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
NU313			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2	WL010		WA208-1			
	2002		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL027		WA208			
	1996	2002	R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
	2002		R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL027		WA208			
NU353	1996	2002	F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2	WL010		WA208-1			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
SG150 - 750	1993	1996	F	DISC	**MD1003**	81.50803.0010, 81508030010	324	30	135	102	158	10xM14		WP987		WL025					
	1996		F	DISC	**MD1006**	81.50803.0024, 81.50803.0026, 81508030024, 81508030026	330	34	135	104	158	10xM14		WP1279		WL025		WA235			
	1993	1996	R	DRUM	**MD1007**	81.50110.0174, 81.50110.0194, 81501100174, 81501100194	325	105	204	167	245	6x20	3T							GG/209/1	
			R	DRUM	**MD1008**	81.50110.0175, 81.50110.0195, 81501100175, 81501100195	325	156	204	192	245	6x20	3T							GG/210/1	
			R	DRUM	**MD1014**	81.50110.0233, 81501100233	325	157	208	207.5	245	6x20	3T							GG/210/1	
	1996		R	DRUM	**MD1007**	81.50110.0174, 81.50110.0194, 81501100174, 81501100194	325	105	204	167	245	6x20	3T							GG/209/1	
			R	DRUM	**MD1008**	81.50110.0175, 81.50110.0195, 81501100175, 81501100195	325	156	204	192	245	6x20	3T							GG/210/1	
			R	DRUM	**MD1014**	81.50110.0233, 81501100233	325	157	208	207.5	245	6x20	3T							GG/210/1	
			R	DISC	**MD1017**	81.50803.0022, 81.50803.0061, 81508030022, 81508030061	330	34	157	124	180	12xM12		WP1279		WL025		WA235			
SL150 - 750	1993	1996	F	DISC	**MD1003**	81.50803.0010, 81508030010	324	30	135	102	158	10xM14		WP987		WL025					
	1996		F	DISC	**MD1006**	81.50803.0024, 81.50803.0026, 81508030024, 81508030026	330	34	135	104	158	10xM14		WP1279		WL025		WA235			
	1993	1996	R	DRUM	**MD1007**	81.50110.0174, 81.50110.0194, 81501100174, 81501100194	325	105	204	167	245	6x20	3T							GG/209/1	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**MD1008**	81.50110.0175, 81.50110.0195, 81501100175, 81501100195	325	156	204	192	245	6x20	3T							GG/210/1	
			R	DRUM	**MD1014**	81.50110.0233, 81501100233	325	157	208	207.5	245	6x20	3T							GG/210/1	
	1996		R	DRUM	**MD1007**	81.50110.0174, 81.50110.0194, 81501100174, 81501100194	325	105	204	167	245	6x20	3T							GG/209/1	
			R	DRUM	**MD1008**	81.50110.0175, 81.50110.0195, 81501100175, 81501100195	325	156	204	192	245	6x20	3T							GG/210/1	
			R	DRUM	**MD1014**	81.50110.0233, 81501100233	325	157	208	207.5	245	6x20	3T							GG/210/1	
			R	DISC	**MD1017**	81.50803.0022, 81.50803.0061, 81508030022, 81508030061	330	34	157	124	180	12xM12		WP1279		WL025		WA235			
SM152	1987	1995	F	DRUM	**MD1009**	81.50110.0216, 81501100216	360	155	230	198	275	8x22	3T							GG/217/1 PSV	
	1995		F	DRUM	**MD1009**	81.50110.0216, 81501100216	360	155	230	198	275	8x22	3T							GG/217/1 PSV	
	1987	1995	R	DRUM	**MD1010**	81.50110.0212, 81501100212	360	172	230	242	275	8x22	3T							GG/218/1 PSV	
	1995		R	DRUM	**MD1016**	81.50110.0237, 81.50110.3237, 81501100237, 81501103237	360	187	230	247	275	8x22	3T							GG/232/1 PSV	
SM182	1987	1995	F	DRUM	**MD1009**	81.50110.0216, 81501100216	360	155	230	198	275	8x22	3T							GG/217/1 PSV	
	1995		F	DRUM	**MD1009**	81.50110.0216, 81501100216	360	155	230	198	275	8x22	3T							GG/217/1 PSV	
	1987	1995	R	DRUM	**MD1010**	81.50110.0212, 81501100212	360	172	230	242	275	8x22	3T							GG/218/1 PSV	
	1995		R	DRUM	**MD1016**	81.50110.0237, 81.50110.3237, 81501100237, 81501103237	360	187	230	247	275	8x22	3T							GG/232/1 PSV	
SM192	1987	1995	F	DRUM	**MD1009**	81.50110.0216, 81501100216	360	155	230	198	275	8x22	3T							GG/217/1 PSV	
	1995		F	DRUM	**MD1009**	81.50110.0216, 81501100216	360	155	230	198	275	8x22	3T							GG/217/1 PSV	
	1987	1995	R	DRUM	**MD1010**	81.50110.0212, 81501100212	360	172	230	242	275	8x22	3T							GG/218/1 PSV	
	1995		R	DRUM	**MD1016**	81.50110.0237, 81.50110.3237, 81501100237, 81501103237	360	187	230	247	275	8x22	3T							GG/232/1 PSV	
SU210	1993	1996	F	DISC	**MD1003**	81.50803.0010, 81508030010	324	30	135	102	158	10xM14		WP987		WL025					
	1996		F	DISC	**MD1006**	81.50803.0024, 81.50803.0026, 81508030024, 81508030026	330	34	135	104	158	10xM14		WP1279		WL025		WA235			
			R	DISC	**MD1006**	81.50803.0024, 81.50803.0026, 81508030024, 81508030026	330	34	135	104	158	10xM14		WP1279		WL025		WA235			
SU230	1993	1996	F	DISC	**MD1003**	81.50803.0010, 81508030010	324	30	135	102	158	10xM14		WP987		WL025					
	1996		F	DISC	**MD1006**	81.50803.0024, 81.50803.0026, 81508030024, 81508030026	330	34	135	104	158	10xM14		WP1279		WL025		WA235			
			F	DISC	**MD1017**	81.50803.0022, 81.50803.0061, 81508030022, 81508030061	330	34	157	124	180	12xM12		WP1279		WL025		WA235			
			R	DISC	**MD1006**	81.50803.0024, 81.50803.0026, 81508030024, 81508030026	330	34	135	104	158	10xM14		WP1279		WL025		WA235			
			R	DISC	**MD1017**	81.50803.0022, 81.50803.0061, 81508030022, 81508030061	330	34	157	124	180	12xM12		WP1279		WL025		WA235			
MCI							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
E Series - with Meritor D Lisa caliper	1997		F	DISC	**MC1001**	123547, 15021010, 23123547002, 3218-Z-1404, 3218Z1404, MCI15-02-1010	438	44.5	194	143.3	249.5	10x 5/8	Threaded for ABS mounting.	WP1047	WP1047S2	WL016		WA213			
			R	DISC	**MC1001**	123547, 15021010, 23123547002, 3218-Z-1404, 3218Z1404, MCI15-02-1010	438	44.5	194	143.3	249.5	10x 5/8	Threaded for ABS mounting.	WP1047	WP1047S2	WL016		WA213			
			T	DISC	**MC1001**	123547, 15021010, 23123547002, 3218-Z-1404, 3218Z1404, MCI15-02-1010	438	44.5	194	143.3	249.5	10x 5/8	Threaded for ABS mounting.	WP1047	WP1047S2	WL016		WA213			
E Series - with Meritor Elsa 225-3 caliper	2003		F	DISC	**MC1001**	123547, 15021010, 23123547002, 3218-Z-1404, 3218Z1404, MCI15-02-1010	438	44.5	194	143.3	249.5	10x 5/8	Threaded for ABS mounting.	WP174	WP174S2	WL117		WA251			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**MC1001**	123547, 15021010, 23123547002, 3218-Z-1404, 3218Z1404, MCI15-02-1010	438	44.5	194	143.3	249.5	10x 5/8	Threaded for ABS mounting.	WP174	WP174S2	WL117		WA251			
			T	DISC	**MC1001**	123547, 15021010, 23123547002, 3218-Z-1404, 3218Z1404, MCI15-02-1010	438	44.5	194	143.3	249.5	10x 5/8	Threaded for ABS mounting.	WP174	WP174S2	WL117		WA251			
J & D Series			F	DISC	**MC1002A**	15-02-1067CG, 15021043, 15021067, 68326014, MCI15-02-1067	434	44.9	135	131	167.9	12x19		WP136		WL117		WA251			
			R	DISC	**MC1003**	123642, 15-03-1012CG, 15031012, 23-123642-002, 23123642002, 23123642096	434	45	215.9	143.3	266.7	10x5/8"		WP136		WL117		WA251			
			T	DISC	**MC1002A**	15-02-1067CG, 15021043, 15021067, 68326014, MCI15-02-1067	434	44.9	135	131	167.9	12x19		WP136		WL117		WA251			
MCW							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Metrobus MK I	1978		F	DRUM	**MCW1012**	X1810915, X1850419	394	187	280	229	335	10x23.5	1CS2T							CS/65/1 PSV	
			R	DRUM	**MCW1002**	3842/40, R3842/40A, X2010913, X2052087	394	213	280	273	335	10x32	5CB2T							CS/64/1 PSV	
Metrobus MK II			F	DRUM	**MCW1001**	7758/88, F4115/88, X1800977, X1811090	394	187	281	229	335	10x26	1CS2T							CS/65/1 PSV	
			R	DRUM	**MCW1002**	3842/40, R3842/40A, X2010913, X2052087	394	213	280	273	335	10x32	5CB2T							CS/64/1 PSV	
Metroliner	1983		F	DRUM	**MCW1005**	X1853672	394	197	281	238	335	10x26	1CS1CB4T							CS/63/1 PSV	
			R	DRUM	**MCW1004**	X2052824	394	212	281	271	335	10x26	1CS2T							CS/64/1 PSV	
			R	DRUM	**MCW1003**	R8380/40A, X2052205	394	213	281	273	335	10x26	1CB2T							CS/64/1 PSV	
Metrorider	1982		F	DRUM	**MCW1006**	X1855970, X2055991														GG/194/1	
			R	DRUM	**MCW1006**	X1855970, X2055991														GG/186/187/1	
Metrorider - optional Disc Brake	1987		F	DISC	**MCW1007**	F4283/88, R2000005, X1857658, X2057948	322	30	166	110	215	12xM12		WP523							
			R	DISC	**MCW1007**	F4283/88, R2000005, X1857658, X2057948	322	30	166	110	215	12xM12		WP523							
Menarini PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
5001	1995		F	DISC	**RN1027**	5010019249, 5010190865, 5010207431	350	30	145	73	165	16x13		WP627							
			R	DISC	**RN1027**	5010019249, 5010190865, 5010207431	350	30	145	73	165	16x13		WP624							
Monocar 201, 220, M230			F		**TBA**	Part number to be advised								WP624							
Mercedes Benz							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
0809	1984		F	DRUM	**MNE1049**	6743341104, 6743341504, 6743350604	308	115	HUB	163	205	6x18								MB/109/2	
			R	DRUM	**MNE1038**	A673 356 0302, A673 356 1202, A6733560302, A6733561202	308	132	92	292	205	6x18								MB/110/2 PSV	
			R	DRUM	**MNE1051**	6733560402, 6733560702	308	120	HUB	284	205	6x18								MB/109/2	
0814			F	DRUM	**MNE1040**	A6753340104, A6753341904, A6753342104, A6753344304, A6753345504	308	130	HUB	171	205	6x18								MB/110/2 PSV	
			F	DRUM	**MNE1094**	6743341304, 6743341704, 6743341904	308	130	HUB	171	205	6x18								MB/110/2 PSV	
			F	DRUM	**MNE1049**	6743341104, 6743341504, 6743350604	308	115	HUB	163	205	6x18								MB/109/2	
			R	DRUM	**MNE1038**	A673 356 0302, A673 356 1202, A6733560302, A6733561202	308	132	92	292	205	6x18								MB/110/2 PSV	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**MNE1051**	6733560402, 6733560702	308	120	HUB	284	205	6x18								MB/109/2	
			R	DRUM	**MNE1066**	A6743560602, A6743561202	308	147	90	296	205	6x18								MB/115/1	
			R	DRUM	**MNE1126**	A6743561302	308	147	125	296	205	6x18								MB/115/1	
0817			F	DRUM	**MNE1040**	A6753340104, A6753341904, A6753342104, A6753344304, A6753345504	308	130	HUB	171	205	6x18								MB/110/2 PSV	
			F	DRUM	**MNE1094**	6743341304, 6743341704, 6743341904	308	130	HUB	171	205	6x18								MB/110/2 PSV	
			F	DRUM	**MNE1039**	A6753340404, A6753342404, A6753342604, A6753343604, A6753344904, A6753345304	308	144	HUB BEARING - INNER 100mm - OUTER 72mm	179	208	6x18								MB/115/1	
			F	DRUM	**MNE1135**	A6753342904, A6753344704, A6753345104, A6753353104, A6753354504, REPLACES A6753340804	308	143	HUB BEARING DIAMETER - INNER 100mm OUTER 80mm	179.5	205	6x18								MB/115/1	
			R	DRUM	**MNE1100**	6743561002, 6743561602	308	132	HUB	289	205	6x18								MB/110/2 PSV	
			R	DRUM	**MNE1126**	A6743561302	308	147	125	296	205	6x18								MB/115/1	
0914 AK	1989		F	DRUM	**MNE1035**	A6774210401, A6774230401	364	143	238	193	275	8x21	3T							MB/111/112/1 PSV	
			R	DRUM	**MNE1035**	A6774210401, A6774230401	364	143	238	193	275	8x21	3T							MB/111/112/1 PSV	
0914 BM674	1984	1987	F	DRUM	**MNE1039**	A6753340404, A6753342404, A6753342604, A6753343604, A6753344904, A6753345304	308	144	HUB BEARING - INNER 100mm - OUTER 72mm	179	208	6x18								MB/115/1	
			R	DRUM	**MNE1066**	A6743560602, A6743561202	308	147	90	296	205	6x18								MB/115/1	
0914 EBM678	1985	1988	F	DRUM	**MNE1034**	6774210101, 6774230001	360	172	238	210	275	8x21	3T							MB/104/105/1	
	1988		F	DRUM	**MNE1037**	6774210501, 6774230501, A6774210501, A6774230501	364	172	238	210	275	8x21	3T							MB/113/114/1 PSV	
	1985	1988	R	DRUM	**MNE1029**	6774210201, 6774230201, A6774210201, A6774230201	360	143	238	193	275	8x21	3T								
	1988		R	DRUM	**MNE1035**	A6774210401, A6774230401	364	143	238	193	275	8x21	3T							MB/111/112/1 PSV	
0917 AF	1987	1989	F	DRUM	**MNE1029**	6774210201, 6774230201, A6774210201, A6774230201	360	143	238	193	275	8x21	3T								
	1989		F	DRUM	**MNE1035**	A6774210401, A6774230401	364	143	238	193	275	8x21	3T							MB/111/112/1 PSV	
	1987	1989	R	DRUM	**MNE1029**	6774210201, 6774230201, A6774210201, A6774230201	360	143	238	193	275	8x21	3T								
	1989		R	DRUM	**MNE1035**	A6774210401, A6774230401	364	143	238	193	275	8x21	3T							MB/111/112/1 PSV	
1013 - 1019	1976	1986	F	DRUM	**MNE1021**	3014210501, 3533300337, 3533340304, 3533341204	410	133	298	210	335	10x23	3T								
	1984	1988	F	DRUM	**MNE1029**	6774210201, 6774230201, A6774210201, A6774230201	360	143	238	193	275	8x21	3T								
	1976	1986	R	DRUM	**MNE1004**	3014210801, 3054210001, 3834230201	410	172	298	229	335	10x23	3T								

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**MNE1014**	A3014210901, A3014211301, A3014230101, A3014230301, A3644210001, A3864210001	410	170	298	238	335	10x23	3T								
			R	DRUM	**MNE1127**	A360 421 0501, A360 421 0601	410	150	298	218	335	10x23	3T								
	1984	1988	R	DRUM	**MNE1029**	6774210201, 6774230201, A6774210201, A6774230201	360	143	238	193	275	8x21	3T								
1114 - 1324	1985		F	DRUM	**MNE1029**	6774210201, 6774230201, A6774210201, A6774230201	360	143	238	193	275	8x21	3T								
			F	DRUM	**MNE1034**	6774210101, 6774230001	360	172	238	210	275	8x21	3T							MB/104/105/1	
	1988		F	DRUM	**MNE1037**	6774210501, 6774230501, A6774210501, A6774230501	364	172	238	210	275	8x21	3T							MB/113/114/1 PSV	
			F	DRUM	**MNE1035**	A6774210401, A6774230401	364	143	238	193	275	8x21	3T							MB/111/112/1 PSV	
			F	DRUM	**MNE1035**	A6774210401, A6774230401	364	143	238	193	275	8x21	3T							MB/111/112/1 PSV	
	1989		F	DRUM	**MNE1037**	6774210501, 6774230501, A6774210501, A6774230501	364	172	238	210	275	8x21	3T							MB/113/114/1 PSV	
	1985	1988	R	DRUM	**MNE1029**	6774210201, 6774230201, A6774210201, A6774230201	360	143	238	193	275	8x21	3T								
			R	DRUM	**MNE1034**	6774210101, 6774230001	360	172	238	210	275	8x21	3T							MB/104/105/1	
	1988		R	DRUM	**MNE1037**	6774210501, 6774230501, A6774210501, A6774230501	364	172	238	210	275	8x21	3T							MB/113/114/1 PSV	
			R	DRUM	**MNE1035**	A6774210401, A6774230401	364	143	238	193	275	8x21	3T							MB/111/112/1 PSV	
			R	DRUM	**MNE1035**	A6774210401, A6774230401	364	143	238	193	275	8x21	3T							MB/111/112/1 PSV	
	1989		R	DRUM	**MNE1037**	6774210501, 6774230501, A6774210501, A6774230501	364	172	238	210	275	8x21	3T							MB/113/114/1 PSV	
1213 - 1228	1975	1986	F	DRUM	**MNE1021**	3014210501, 3533300337, 3533340304, 3533341204	410	133	298	210	335	10x23	3T								
		1991	F	DRUM	**MNE1004**	3014210801, 3054210001, 3834230201	410	172	298	229	335	10x23	3T							MP/30/1	
			R	DRUM	**MNE1004**	3014210801, 3054210001, 3834230201	410	172	298	229	335	10x23	3T							MP/30/1	
			R	DRUM	**MNE1005**	3814230001	410	173	298	280	335	10x23	5x23 3T							MP/30/1	
			R	DRUM	**MNE1008**	3854230101, 3854230301	410	170	298	248	335	10x23	3T							MP/30/1	
			R	DRUM	**MNE1009**	3854230501	410	172	298	290	335	10x23	5x23 3T							MP/30/1	
			R	DRUM	**MNE1014**	A3014210901, A3014211301, A3014230101, A3014230301, A3644210001, A3864210001	410	170	298	238	335	10x23	3T							MP/30/1	
1414 - 1427	1984		F	DRUM	**MNE1004**	3014210801, 3054210001, 3834230201	410	172	298	229	335	10x23	3T							MP/30/1	
			R	DRUM	**MNE1004**	3014210801, 3054210001, 3834230201	410	172	298	229	335	10x23	3T							MP/30/1	
			R	DRUM	**MNE1005**	3814230001	410	173	298	280	335	10x23	5x23 3T							MP/30/1	
			R	DRUM	**MNE1008**	3854230101, 3854230301	410	170	298	248	335	10x23	3T							MP/30/1	
			R	DRUM	**MNE1009**	3854230501	410	172	298	290	335	10x23	5x23 3T							MP/30/1	
			R	DRUM	**MNE1014**	A3014210901, A3014211301, A3014230101, A3014230301, A3644210001, A3864210001	410	170	298	238	335	10x23	3T							MP/30/1	
1514 - 1524	1989	1998	F	DRUM	**MNE1099**	A6774210301, A6774230301	364	210	238	251	275	8x21								MB/120/121/1	
			R	DRUM	**MNE1099**	A6774210301, A6774230301	364	210	238	251	275	8x21								MB/120/121/1	
1613 - 1644	1973		F	DISC	**MNE1085**	A4164210412, A4354210412	374	22	80	22	108	10x16.5									

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DISC	**MNE1086**	A4254210012	380	30	145	68	180	8xM18x1.5									
	1980	1991	F	DRUM	**MNE1004**	3014210801, 3054210001, 3834230201	410	172	298	229	335	10x23	3T							MP/31/2	
			F	DRUM	**MNE1020**	3464210301, 3874210001, 3874210101, 5000280264, 5000281230, 81.50110.0118	410	175	298	250	335	10x23	5x23 3T							MP/31/2	
			F	DRUM	**MNE1030**	A6244210201, A6584210001	410	191	298	236	335	10x23	3T							MP/32/2	WBSK0046
			F	DRUM	**MNE1001**	3054210101, 3054210401, 3054230601, 5000281119, 50059, 50090	410	165	298	213	335	10x23	2CB3T							MP/31/2	
			R	DRUM	**MNE1002**	3464230101, 3464230501, 5000281082, 50060	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
			R	DRUM	**MNE1003**	3464230001, 3464230601, 5000280766, 50061, 81.50110.0102, 81501100102	410	172	298	270	335	10x23	5x23 3T							MP/31/2	
			R	DRUM	**MNE1006**		410	237	298	300	335	10x23	5x23 3T							MP/32/2	
			R	DRUM	**MNE1008**	3854230101, 3854230301	410	170	298	248	335	10x23	3T							MP/31/2	
			R	DRUM	**MNE1009**	3854230501	410	172	298	290	335	10x23	5x23 3T							MP/31/2	
			R	DRUM	**MNE1026**	3854230801	410	192	298	258	335	10x23	3T							MP/32/2	
			R	DRUM	**MNE1048**	3014230801, 3014231201, 3074230101	410	239	298	306	335	10x23	3T							MP/32/2	WBSK0046
			R	DRUM	**MNE1031**	3054230301, 3054230401, 6864230001, A3054230301, A3054230401, A3554230801	410	238	298	306	335	10x23	5x23 3T							MP/36/2	WBSK0047
1717 - 1748	1988	1994	F	DRUM	**MNE1030**	A6244210201, A6584210001	410	191	298	236	335	10x23	3T							MP/32/2	WBSK0046
			F	DRUM	**MNE1001**	3054210101, 3054210401, 3054230601, 5000281119, 50059, 50090	410	165	298	213	335	10x23	2CB3T							MP/31/2	
			R	DRUM	**MNE1048**	3014230801, 3014231201, 3074230101	410	239	298	306	335	10x23	3T							MP/36/2	WBSK0047
			R	DRUM	**MNE1031**	3054230301, 3054230401, 6864230001, A3054230301, A3054230401, A3554230801	410	238	298	306	335	10x23	5x23 3T							MP/36/2	WBSK0047
1820 - 1853	1987	1996	F	DRUM	**MNE1030**	A6244210201, A6584210001	410	191	298	236	335	10x23	3T							MP/32/2	WBSK0046
			F	DRUM	**MNE1001**	3054210101, 3054210401, 3054230601, 5000281119, 50059, 50090	410	165	298	213	335	10x23	2CB3T							MP/31/2	
			R	DRUM	**MNE1048**	3014230801, 3014231201, 3074230101	410	239	298	306	335	10x23	3T							MP/36/2	WBSK0047
			R	DRUM	**MNE1031**	3054230301, 3054230401, 6864230001, A3054230301, A3054230401, A3554230801	410	238	298	306	335	10x23	5x23 3T							MP/36/2	WBSK0047
1922 - 1948	1980	1991	F	DRUM	**MNE1001**	3054210101, 3054210401, 3054230601, 5000281119, 50059, 50090	410	165	298	213	335	10x23	2CB3T							MP/31/2	
	1988	1994	F	DRUM	**MNE1030**	A6244210201, A6584210001	410	191	298	236	335	10x23	3T							MP/32/2	WBSK0046
			F	DRUM	**MNE1001**	3054210101, 3054210401, 3054230601, 5000281119, 50059, 50090	410	165	298	213	335	10x23	2CB3T							MP/31/2	
	1980	1991	R	DRUM	**MNE1002**	3464230101, 3464230501, 5000281082, 50060	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
			R	DRUM	**MNE1006**		410	237	298	300	335	10x23	5x23 3T							MP/36/2	
	1988	1994	R	DRUM	**MNE1048**	3014230801, 3014231201, 3074230101	410	239	298	306	335	10x23	3T							MP/36/2	WBSK0047

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**MNE1031**	3054230301, 3054230401, 6864230001, A3054230301, A3054230401, A3554230801	410	238	298	306	335	10x23	5x23 3T							MP/36/2	WBSK0047
2025 - 2644	1979	1991	F	DRUM	**MNE1005**	3814230001	410	173	298	280	335	10x23	5x23 3T							MP/31/2	
			F	DRUM	**MNE1014**	A3014210901, A3014211301, A3014230101, A3014230301, A3644210001, A3864210001	410	170	298	238	335	10x23	3T							MP/31/2	
			F	DRUM	**MNE1020**	3464210301, 3874210001, 3874210101, 5000280264, 5000281230, 81.50110.0118	410	175	298	250	335	10x23	5x23 3T							MP/31/2	
			F	DRUM	**MNE1001**	3054210101, 3054210401, 3054230601, 5000281119, 50059, 50090	410	165	298	213	335	10x23	2CB3T							MP/31/2	
			R	DRUM	**MNE1002**	3464230101, 3464230501, 5000281082, 50060	410	190	298	280	335	10x23	5x23 3T							MP/32/2	
			R	DRUM	**MNE1006**		410	237	298	300	335	10x23	5x23 3T							MP/32/2	
			R	DRUM	**MNE1008**	3854230101, 3854230301	410	170	298	248	335	10x23	3T							MP/31/2	
			R	DRUM	**MNE1009**	3854230501	410	172	298	290	335	10x23	5x23 3T							MP/31/2	
			R	DRUM	**MNE1014**	A3014210901, A3014211301, A3014230101, A3014230301, A3644210001, A3864210001	410	170	298	238	335	10x23	3T							MP/31/2	
3025 - 3850	1982	1994	F	DRUM	**MNE1020**	3464210301, 3874210001, 3874210101, 5000280264, 5000281230, 81.50110.0118	410	175	298	250	335	10x23	5x23 3T							MP/31/2	
			F	DRUM	**MNE1030**	A6244210201, A6584210001	410	191	298	236	335	10x23	3T							MP/32/2	WBSK0046
			F	DRUM	**MNE1001**	3054210101, 3054210401, 3054230601, 5000281119, 50059, 50090	410	165	298	213	335	10x23	2CB3T							MP/31/2	
			R	DRUM	**MNE1002**	3464230101, 3464230501, 5000281082, 50060	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
			R	DRUM	**MNE1003**	3464230001, 3464230601, 5000280766, 50061, 81.50110.0102, 81501100102	410	172	298	270	335	10x23	5x23 3T							MP/31/2	
			R	DRUM	**MNE1004**	3014210801, 3054210001, 3834230201	410	172	298	229	335	10x23	3T							MP/31/2	
			R	DRUM	**MNE1023**	3464230201	410	152	298	259	335	10x23	5x23 3T							MP/31/2	
			R	DRUM	**MNE1048**	3014230801, 3014231201, 3074230101	410	239	298	306	335	10x23	3T							MP/36/2	WBSK0047
			R	DRUM	**MNE1031**	3054230301, 3054230401, 6864230001, A3054230301, A3054230401, A3554230801	410	238	298	306	335	10x23	5x23 3T							MP/36/2	WBSK0047
Actros 1831- 3357 - Drum brakes	1997		F	DRUM	**MNE1030**	A6244210201, A6584210001	410	191	298	236	335	10x23	3T							MP/32/2	WBSK0046
			F	DRUM	**MNE1095**	A3864210101, A6584210301, A6584210501	410	195	298	260	335	10x23	5 x 23 3T							MP/32/2	WBSK0046
			F	DRUM	**MNE1096**	3874210201, A3874210201	410	195	298	260	335	10x23	5 x 23 3T							MP/32/2	WBSK0046
			R	DRUM	**MNE1048**	3014230801, 3014231201, 3074230101	410	239	298	306	335	10x23	3T							MP/36/2	WBSK0047
			R	DRUM	**MNE1107**	3054230701, 3554230901, A3054230701, A3554230901	410	238	298	306	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MNE1031**	3054230301, 3054230401, 6864230001, A3054230301, A3054230401, A3554230801	410	238	298	306	335	10x23	5x23 3T							MP/36/2	WBSK0047

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Actros 1831- 4148 Disc Brakes up to 2007	1996	2007	F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
Actros MP II	2007		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			F	DISC	**MNE1112**	0004213212, 9432210312, 9434210312, 9434210412, 9434210512, A0004213212	430	45	131	144	168	10x21	2xM10	WP988	WP988S2			WA230			
			F	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			R	DISC	**MNE1112**	0004213212, 9432210312, 9434210312, 9434210412, 9434210512, A0004213212	430	45	131	144	168	10x21	2xM10	WP988	WP988S2			WA230			
			R	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
Actros MP II Tipper / All wheel Drive			F	DRUM	**MNE1095**	A3864210101, A6584210301, A6584210501	410	195	298	260	335	10x23	5 x 23 3T							MP/32/2	WBSK0046
			F	DRUM	**MNE1096**	3874210201, A3874210201	410	195	298	260	335	10x23	5 x 23 3T							MP/32/2	WBSK0046
			R	DRUM	**MNE1002**	3464230101, 3464230501, 5000281082, 50060	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
			R	DRUM	**MNE1107**	3054230701, 3554230901, A3054230701, A3554230901	410	238	298	306	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MNE1031**	3054230301, 3054230401, 6864230001, A3054230301, A3054230401, A3554230801	410	238	298	306	335	10x23	5x23 3T							MP/36/2	WBSK0047
Actros MP III	2010		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1562	WP1562S2			WA269			
			F	DISC	**MNE1112**	0004213212, 9432210312, 9434210312, 9434210412, 9434210512, A0004213212	430	45	131	144	168	10x21	2xM10	WP1562	WP1562S2			WA269			
			F	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1562	WP1562S2			WA269			
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1561	WP1561S2			WA269			
			R	DISC	**MNE1112**	0004213212, 9432210312, 9434210312, 9434210412, 9434210512, A0004213212	430	45	131	144	168	10x21	2xM10	WP1561	WP1561S2			WA269			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1561	WP1561S2			WA269			
Actros MP IV	2012		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1577	WP1577S2			WA284			
			F	DISC	**MNE1112**	0004213212, 9432210312, 9434210312, 9434210412, 9434210512, A0004213212	430	45	131	144	168	10x21	2xM10	WP1577	WP1577S2			WA284			
			F	DISC	**MNE1120**	960 421 0312, 960 421 0412, 9604210312, 9604210412, A0004213512, A9604210312	430	45	131	131	168	10x21	2xM12	WP1577	WP1577S2			WA284			
			F	DISC	**MNE1120S**	-SOLID VERSION, 0004213512, 960 421 0312, 960 421 0412, 9604210312, 9604210412	430	45	131	131	168	10x21	2xM12	WP1577	WP1577S2			WA284			
			F	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1577	WP1577S2			WA284			
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1577				WA284			
			R	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1577				WA284			
Antos	2013		F	DISC	**MNE1120**	960 421 0312, 960 421 0412, 9604210312, 9604210412, A0004213512, A9604210312	430	45	131	131	168	10x21	2xM12	WP1577	WP1577S2			WA284			
			F	DISC	**MNE1120S**	-SOLID VERSION, 0004213512, 960 421 0312, 960 421 0412, 9604210312, 9604210412	430	45	131	131	168	10x21	2xM12	WP1577	WP1577S2			WA284			
			MID LIFT	DISC	**MNE1075**	13C33-05572, 13C33-05572AA, 13C3305572AA, A0024204701 kit with pads WP1277, A638421011205, A6864200072 kit with pads WP1277	335	34	91.6	102.5	120	10x14.5		WP1277				WA231			
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1577				WA284			
			R	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1577				WA284			
			R2	DISC	**MNE1112**	0004213212, 9432210312, 9434210312, 9434210412, 9434210512, A0004213212	430	45	131	144	168	10x21	2xM10	WP1577				WA284			
Arocs - Knorr SL7 & SM7 Caliper	2012		F	DISC	**MNE1120**	960 421 0312, 960 421 0412, 9604210312, 9604210412, A0004213512, A9604210312	430	45	131	131	168	10x21	2xM12	WP1562	WP1562S2			WA269			
			F	DISC	**MNE1120S**	-SOLID VERSION, 0004213512, 960 421 0312, 960 421 0412, 9604210312, 9604210412	430	45	131	131	168	10x21	2xM12	WP1562	WP1562S2			WA269			
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1561	WP1561S2			WA269			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1561	WP1561S2			WA269			
			R2	DISC	**MNE1112**	0004213212, 9432210312, 9434210312, 9434210412, 9434210512, A0004213212	430	45	131	144	168	10x21	2xM10	WP1561	WP1561S2			WA269			
Arocs - Wabco MAXX 22 Caliper	2016		F	DISC	**MNE1120**	960 421 0312, 960 421 0412, 9604210312, 9604210412, A0004213512, A9604210312	430	45	131	131	168	10x21	2xM12	WP1577	WP1577S2			WA284			
			F	DISC	**MNE1120S**	-SOLID VERSION, 0004213512, 960 421 0312, 960 421 0412, 9604210312, 9604210412	430	45	131	131	168	10x21	2xM12	WP1577	WP1577S2			WA284			
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1577				WA284			
			R	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1577				WA284			
			R2	DISC	**MNE1112**	0004213212, 9432210312, 9434210312, 9434210412, 9434210512, A0004213212	430	45	131	144	168	10x21	2xM10	WP1577				WA284			
Atego 0712 - 0823 - 17.5 " Wheels	1998		F	DISC	**MNE1075**	13C33-05572, 13C33-05572AA, 13C3305572AA, A0024204701 kit with pads WP1277, A638421011205, A6864200072 kit with pads WP1277	335	34	91.6	102.5	120	10x14.5		WP1277				WA238			
			R	DISC	**MNE1076**	A0024204801, A6864230112, A9704230312, A9704230412, A9704230612, A9704231012	335	34	145	111	177	8xM12		WP1277				WA238			
			R	DISC	**MD1024**	81.50803.0039, 81508030039, 9704230212, 9704230912	330	34	145	130	177	8xM12		WP1277				WA231			
Atego 0917 - 1023 - 17.5 " Wheels			F	DISC	**MNE1075**	13C33-05572, 13C33-05572AA, 13C3305572AA, A0024204701 kit with pads WP1277, A638421011205, A6864200072 kit with pads WP1277	335	34	91.6	102.5	120	10x14.5		WP1277				WA238			
			R	DISC	**MNE1076**	A0024204801, A6864230112, A9704230312, A9704230412, A9704230612, A9704231012	335	34	145	111	177	8xM12		WP1277				WA238			
			R	DISC	**MNE1082**	A9704230012, A9704230512, A9704230712, A9704231312, A9704232112	335	34	152	111	177	8xM12		WP1277				WA238			
			R	DISC	**MNE1119**	9704231112, 9704231412, A9704231112, A9704231412	335	34	153	112.5	177	8xM12		WP1277				WA231			
Atego 0917 - 1023 - 19.5 " Wheels			F	DISC	**MNE1077**	A6754210112, A6864210012, A9754210012, A9754210112, A9754210212, A9754210512	377	45	106	134	138	14x14.5		WP1329		WL093		WA231	WA238		
			R	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1329		WL093		WA231	WA238		
Atego 0917 - 1023 - Drum Brake			F	DRUM	**MNE1099**	A6774210301, A6774230301	364	210	238	251	275	8x21								MB/120/121/1	
			R	DRUM	**MNE1099**	A6774210301, A6774230301	364	210	238	251	275	8x21								MB/120/121/1	
Atego 1215-1528 - 19.5" Wheels			F	DISC	**MNE1077**	A6754210112, A6864210012, A9754210012, A9754210112, A9754210212, A9754210512	377	45	106	134	138	14x14.5		WP1329				WA231			
			F	DRUM	**MNE1099**	A6774210301, A6774230301	364	210	238	251	275	8x21								MB/120/121/1	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1329				WA231			
			R	DRUM	**MNE1099**	A6774210301, A6774230301	364	210	238	251	275	8x21								MB/120/121/1	
Atego 1215-1528 - Drum Brake			F	DRUM	**MNE1099**	A6774210301, A6774230301	364	210	238	251	275	8x21								MB/120/121/1	
			R	DRUM	**MNE1099**	A6774210301, A6774230301	364	210	238	251	275	8x21								MB/120/121/1	
Atego 1823 - 2628 - 22.5" Wheels	1996		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL017	WL017	WA230	WA231		
			F	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL017	WL017	WA230	WA231		
Atego 1823 - 2628 - 22.5" Wheels - Drum Brake			F	DRUM	**MNE1030**	A6244210201, A6584210001	410	191	298	236	335	10x23	3T							MP/32/2	WBSK0046
			F	DRUM	**MNE1095**	A3864210101, A6584210301, A6584210501	410	195	298	260	335	10x23	5 x 23 3T							MP/32/2	WBSK0046
			F	DRUM	**MNE1096**	3874210201, A3874210201	410	195	298	260	335	10x23	5 x 23 3T							MP/32/2	WBSK0046
			R	DRUM	**MNE1048**	3014230801, 3014231201, 3074230101	410	239	298	306	335	10x23	3T							MP/36/2	WBSK0047
			R	DRUM	**MNE1107**	3054230701, 3554230901, A3054230701, A3554230901	410	238	298	306	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MNE1031**	3054230301, 3054230401, 6864230001, A3054230301, A3054230401, A3554230801	410	238	298	306	335	10x23	5x23 3T							MP/36/2	WBSK0047
Axor - Disc brakes		2007	F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			F	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
	2007		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			F	DISC	**MNE1112**	0004213212, 9432210312, 9434210312, 9434210412, 9434210512, A0004213212	430	45	131	144	168	10x21	2xM10	WP988	WP988S2			WA230			
			F	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
	1996	2007	R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			R	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP987	WP988S2			WA230			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	2007		R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			R	DISC	**MNE1112**	0004213212, 9432210312, 9434210312, 9434210412, 9434210512, A0004213212	430	45	131	144	168	10x21	2xM10	WP988	WP988S2			WA230			
			R	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
Axor - Drum brakes	1997		F	DRUM	**MNE1030**	A6244210201, A6584210001	410	191	298	236	335	10x23	3T							MP/32/2	WBSK0046
			F	DRUM	**MNE1095**	A3864210101, A6584210301, A6584210501	410	195	298	260	335	10x23	5 x 23 3T							MP/32/2	WBSK0046
			F	DRUM	**MNE1096**	3874210201, A3874210201	410	195	298	260	335	10x23	5 x 23 3T							MP/32/2	WBSK0046
			R	DRUM	**MNE1048**	3014230801, 3014231201, 3074230101	410	239	298	306	335	10x23	3T							MP/36/2	WBSK0047
			R	DRUM	**MNE1107**	3054230701, 3554230901, A3054230701, A3554230901	410	238	298	306	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MNE1031**	3054230301, 3054230401, 6864230001, A3054230301, A3054230401, A3554230801	410	238	298	306	335	10x23	5x23 3T							MP/36/2	WBSK0047
Citan	2012		F	DISC	**RN1077**	MERCEDES 415 420 0001, MERCEDES 415 420 0701, NISSAN 40206 00Q2G, NISSAN 40206-00Q2G, RENAULT 402068234R, RENAULT 7701209839	280	24	61	37	108	5x15.8	2x8.5 Counter Sunk								
			R	DISC	**RN1078K**	432004327R, 432025057R, 8200381148	274	11	52.3	88	108	5xM12x1.5									
Econic Refuse & Specialist Fire chassis	1996		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL017	WL017	WA230	WA231		
			F	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL017	WL017	WA230	WA231		
L406, L408, L407, L409, L508	1965	1986	F	DRUM	**MNE1017**	A3093340604, A3093501047	300	85	HUB	155	205	6x14									
			R	DRUM	**MNE1016**	3093500547, 3093501547, 3093560202, 3093560402, 3093560702	300	88	HUB	228	205	6x14								MB/69/70/1	
L608D	1975	1985	F	DRUM	**MNE1012**	3103341404	304	116	HUB	118	205	6x14									
			R	DRUM	**MNE1013**	3103560702, 3103560802	304	112	HUB	260	205	6x14									
L613D			F	DRUM	**MNE1012**	3103341404	304	116	HUB	118	205	6x14									
			R	DRUM	**MNE1013**	3103560702, 3103560802	304	112	HUB	260	205	6x14									
Powerliner 1717 - 1850 - With Disc Brake	1992	1997	F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			R	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
Powerliner 1717 - 1850 - With Drum Brake	1988		F	DRUM	**MNE1030**	A6244210201, A6584210001	410	191	298	236	335	10x23	3T							MP/32/2	WBSK0046
			F	DRUM	**MNE1001**	3054210101, 3054210401, 3054230601, 5000281119, 50059, 50090	410	165	298	213	335	10x23	2CB3T							MP/31/2	
	1992	1997	F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
			F	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
	1988		R	DRUM	**MNE1002**	3464230101, 3464230501, 5000281082, 50060	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
			R	DRUM	**MNE1048**	3014230801, 3014231201, 3074230101	410	239	298	306	335	10x23	3T							MP/36/2	WBSK0047
			R	DRUM	**MNE1107**	3054230701, 3554230901, A3054230701, A3554230901	410	238	298	306	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MNE1031**	3054230301, 3054230401, 6864230001, A3054230301, A3054230401, A3554230801	410	238	298	306	335	10x23	5x23 3T							MP/36/2	WBSK0047
	1992	1997	R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
			R	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
Sprinter 208, 209, 211, 212, 213, 214, 216	1996	2006	F	DISC	**MNE1061**	05104561AB, 2D0 615 301 B, 2D0 615 301 D, 2D0 615 301A, 2D0615301A, 2D0615301B	276	22	85	76	130	5x15	V/D 1CS1CB	WP1038		WL015					
	2006	2017	F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP192		WL065					
	2018		F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP200		WL065					
	1996	2006	R	DISC	**MNE1060**	2D0615601B, 2DO615601C, A9014230412, A9014230612, A9014230812, A9014231012	258	12	85	96	130	5x15	1CS 1CB	WP1039		WL015					
			R	DISC	**MNE1060**	2D0615601B, 2DO615601C, A9014230412, A9014230612, A9014230812, A9014231012	258	12	85	96	130	5x15	1CS 1CB	WP1306		WL015					

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	2006	2017	R	DISC	**MNE1110**	24.0116-0121.1, 24011601211, 2E0615601A, A9064200083 (OE NUMBER WITH PADS WP190), A9064230012, A9104230000	298	16	85	71	130	6x15	S/D 1CB	WP190		WL065					
	2018		R	DISC	**MNE1136**	A104221228, A9104230200, A910423020007, A9104230300	298	18	85	71.2	130	6x15.3	1CB	WP1587		WL065					
			R	DISC	**MNE1139**	A9104232100, A91042321007	298	18	85	56.2	130	6x15.2		WP1587		WL065					
Sprinter 308, 309, 310, 311, 312, 313, 314, 315, 316, 318	1996	2006	F	DISC	**MNE1061**	05104561AB, 2D0 615 301 B, 2D0 615 301 D, 2D0 615 301A, 2D0615301A, 2D0615301B	276	22	85	76	130	5x15	V/D 1CS1CB	WP1038		WL015					
	2006	2017	F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP192		WL065	WL065				
	2018		F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP192, WP200		WL065					
	1996	2006	R	DISC	**MNE1062**	05104562AA, 2D0615601A, A9024230112, A9024230312, A9024230412, A9024230512	272	16	85	96	130	5x15	S/D 1CS1CB	WP1045		WL015					
			R	DISC	**MNE1062**	05104562AA, 2D0615601A, A9024230112, A9024230312, A9024230412, A9024230512	272	16	85	96	130	5x15	S/D 1CS1CB	WP1306		WL015					
			R	DISC	**MNE1079**	2DO615601B, A9014231012, A9024202901, A9044230112, A9044230212, A9044230312	285	22	120	94	145	6x15		WP1043		WL015		WA209			
	2006	2017	R	DISC	**MNE1110**	24.0116-0121.1, 24011601211, 2E0615601A, A9064200083 (OE NUMBER WITH PADS WP190), A9064230012, A9104230000	298	16	85	71	130	6x15	S/D 1CB	WP190		WL065	WL065				
	2018		R	DISC	**MNE1136**	A104221228, A9104230200, A910423020007, A9104230300	298	18	85	71.2	130	6x15.3	1CB	WP1587		WL065					
			R	DISC	**MNE1139**	A9104232100, A91042321007	298	18	85	56.2	130	6x15.2		WP1587		WL065					
Sprinter 3500	2019		F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP192, WP200		WL065					
			R	DISC	**MNE1111**	2E0615601, A906 423 0112, A9064230112, A9064230112, A907 423 9700, A907.423.0100	303	28	120	93	145	6x15		WP1586		WL065					
Sprinter 408, 410, 411, 412, 413, 414, 416	1996	2017	F	DISC	**MNE1061**	05104561AB, 2D0 615 301 B, 2D0 615 301 D, 2D0 615 301A, 2D0615301A, 2D0615301B	276	22	85	76	130	5x15	V/D 1CS1CB	WP1038, WP1043		WL015					
	2006		F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP192		WL065	WL065				
	2018		F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP200		WL065					
	1996		R	DISC	**MNE1062**	05104562AA, 2D0615601A, A9024230112, A9024230312, A9024230412, A9024230512	272	16	85	96	130	5x15	S/D 1CS1CB	WP1039		WL015					
		2017	R	DISC	**MNE1062**	05104562AA, 2D0615601A, A9024230112, A9024230312, A9024230412, A9024230512	272	16	85	96	130	5x15	S/D 1CS1CB	WP1306		WL015					
			R	DISC	**MNE1079**	2DO615601B, A9014231012, A9024202901, A9044230112, A9044230212, A9044230312	285	22	120	94	145	6x15		WP1043		WL015		WA209			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	2006		R	DISC	**MNE1110**	24.0116-0121.1, 24011601211, 2E0615601A, A9064200083 (OE NUMBER WITH PADS WP190), A9064230012, A9104230000	298	16	85	71	130	6x15	S/D 1CB	WP190		WL065	WL065				
	2018		R	DISC	**MNE1136**	A104221228, A9104230200, A910423020007, A9104230300	298	18	85	71.2	130	6x15.3	1CB	WP1587		WL065					
			R	DISC	**MNE1139**	A9104232100, A91042321007	298	18	85	56.2	130	6x15.2		WP1587		WL065					
Sprinter 511, 515, 518 - LWB	2006	2017	F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP200		WL065	WL065				
			R	DISC	**MNE1111**	2E0615601, A906 423 0112, A9064230112, A9064230112, A907 423 9700, A907.423.0100	303	28	120	93	145	6x15		WP201		WL067	WL067				
Sprinter 511, 515, 518 - MWB			F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP200		WL065	WL065				
			R	DISC	**MNE1111**	2E0615601, A906 423 0112, A9064230112, A9064230112, A907 423 9700, A907.423.0100	303	28	120	93	145	6x15		WP201		WL067	WL067				
Sprinter 511, 515, 518 - SWB			F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP200		WL065	WL065				
			R	DISC	**MNE1110**	24.0116-0121.1, 24011601211, 2E0615601A, A9064200083 (OE NUMBER WITH PADS WP190), A9064230012, A9104230000	298	16	85	71	130	6x15	S/D 1CB	WP190		WL065	WL065				
Sprinter 616	2001		F	DISC	**MNE1106**	9054210012, A9054210012, A9054210112	290	26	70	70	96	8x14.5		WP1390		WL019		WA249			
			R	DISC	**MNE1105**	9054200072, A9054200072	304	30	120	115	192	6xM12		WP501		WL007					
T1 Series 407D, 408D, 410, 410D, 507D, 508D, 510D	1982	1988	F	DISC	**MNE1057**	A6014200172, A6014200372, A6014210312, A6014210512	280	22	88	79	112	5x12.6		WP239		WL015					
			R	DRUM	**MNE1050**	6113560002, 6113560102, 6113560702, 6113560902	270	88	90	213	205	6x14								MB/80/81/1	
T1 Series L207, L208, L209, L210	1977	1995	F	DISC	**MNE1041**	A6014200072, A6014200272, A6014210412, A6014210512, A6014215112	280	16	88	79	112	5x12.6		WP239		WL003					
			R	DRUM	**MNE1043**	6014235101	230	43	85	73	130	5x15									
T1 Series L307, L308, L309 D, L310			F	DISC	**MNE1041**	A6014200072, A6014200272, A6014210412, A6014210512, A6014215112	280	16	88	79	112	5x12.6		WP239		WL003					
			R	DRUM	**MNE1042**	6014235001	260	64	85	83	130	5x15									
T2 Series 508D, 510, 511D, 608D, 609D	1986		F	DISC	**MNE1057**	A6014200172, A6014200372, A6014210312, A6014210512	280	22	88	79	112	5x12.6		WP501		WL007		WA236			
			F	DISC	**MNE1067**	A6684210112, A6684210612, A6694210112, A6694210612	304	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DRUM	**MNE1050**	6113560002, 6113560102, 6113560702, 6113560902	270	88	90	213	205	6x14								MB/80/81/1	
	1994		R	DRUM	**MNE1024**	6683560102, 6683560702	300	89	90	213	205	6x14								MB/107/108/1	
	1995		R	DRUM	**MNE1064**	6683560902, A6683560902	300	89	HUB	213	205	6x14								MB/107/108/1	
T2 Series 709, 711 - 16" wheels	1986		F	DISC	**MNE1067**	A6684210112, A6684210612, A6694210112, A6694210612	304	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DRUM	**MNE1044**	6683560202, A6683560202	300	101	92	273	205	6x14								MB/100/101/1	
			R	DRUM	**MNE1058**	6683560302, A6683560302	300	130	92	284	205	6x14								MB/117/118/1 PSV	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**MNE1074**	6703560102	300	112	HUB	284	205	6x14								MB/100/101/1	
T2 Series 709, 711 - 17.5" wheels			F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
	1988		F	DISC	**MNE1113**	A670.421.0012, A6704210012	324	30	118	91	140	6xM12		WP501		WL007		WA236			
	1986		R	DRUM	**MNE1044**	6683560202, A6683560202	300	101	92	273	205	6x14								MB/100/101/1	
			R	DRUM	**MNE1058**	6683560302, A6683560302	300	130	92	284	205	6x14								MB/117/118/1 PSV	
			R	DRUM	**MNE1074**	6703560102	300	112	HUB	284	205	6x14								MB/100/101/1	
T2 Series 809D, 811D, 814D - 16" wheels		1998	F	DISC	**MNE1067**	A6684210112, A6684210612, A6694210112, A6694210612	304	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DRUM	**MNE1054**	6703560002, A6703560002	300	130	90	295	205	6x18								MB/117/118/1 PSV	
			R	DRUM	**MNE1058**	6683560302, A6683560302	300	130	92	284	205	6x14								MB/117/118/1 PSV	
T2 Series 809D, 811D, 814D - 17.5" wheels			F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
	1988		F	DISC	**MNE1113**	A670.421.0012, A6704210012	324	30	118	91	140	6xM12		WP501		WL007		WA236			
	1986	1998	R	DRUM	**MNE1054**	6703560002, A6703560002	300	130	90	295	205	6x18								MB/117/118/1 PSV	
			R	DRUM	**MNE1058**	6683560302, A6683560302	300	130	92	284	205	6x14								MB/117/118/1 PSV	
T2 Series 814DA	1988		F	DISC	**MNE1073**	6694210512, 6694210712	324	30	184	112	205	6xM12		WP501		WL007		WA236			
			R	DRUM	**MNE1054**	6703560002, A6703560002	300	130	90	295	205	6x18									
			R	DRUM	**MNE1058**	6683560302, A6683560302	300	130	92	284	205	6x14									
Unimog	1973	1992	F	DISC	**MNE1085**	A4164210412, A4354210412	374	22	80	22	108	10x16.5		WP143, WP162		WL003					
			F	DISC	**MNE1086**	A4254210012	380	30	145	68	180	8xM18x1.5		WP143, WP162, WP243		WL003					
	1992		F	DISC	**MNE1083**	A4174210012, A4354210712, A4374210012	374	22	60	22	108	10x16.5		WP162, WP243							
			F	DISC	**MNE1084**	4274210012	386	22	145	71	180	8xM18x1.5		WP162, WP243							
			F	DISC	**MNE1087**	A4404210012, A4404210112	421	22	145	62	180	8xM18x1.5		WP243		WL003					
			F	DISC	**MNE1134**	A4094210112	410	38	148	64	180	8xM18x1.5									
			F	DISC	**MNE1137**	A4374210412	380	30	148	64	180	8xM18x1.5		WP162, WP243							
			R	DISC	**MNE1083**	A4174210012, A4354210712, A4374210012	374	22	60	22	108	10x16.5		WP162, WP243							
			R	DISC	**MNE1084**	4274210012	386	22	145	71	180	8xM18x1.5		WP162, WP243							
			R	DISC	**MNE1087**	A4404210012, A4404210112	421	22	145	62	180	8xM18x1.5		WP243		WL003					
			R	DISC	**MNE1134**	A4094210112	410	38	148	64	180	8xM18x1.5									
			R	DISC	**MNE1137**	A4374210412	380	30	148	64	180	8xM18x1.5		WP162, WP243							
Vario Models 512, 612, 614 - 16" Wheels	1996		F	DISC	**MNE1067**	A6684210112, A6684210612, A6694210112, A6694210612	304	30	118	91	140	6xM12		WP501		WL007		WA236			
	2001		F	DISC	**MNE1067**	A6684210112, A6684210612, A6694210112, A6694210612	304	30	118	91	140	6xM12		WP501		WL007		WA236			
	1996		R	DISC	**MNE1068**	A6684230012	304	30	157	121	192	6xM12		WP501		WL007		WA236			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**MNE1080**	6684230212, 6684230412, A6684230212, A6684230412, A6684230412	304	30	119	121	192	6xM12		WP501		WL007		WA236			
	2001		R	DISC	**MNE1105**	9054200072, A9054200072	304	30	120	115	192	6xM12		WP501		WL007					
Vario Models 810, 812, 814, 815 - 17.5" Wheels	1996		F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			F	DISC	**MNE1113**	A670.421.0012, A6704210012	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1070**	A6684230112	324	30	157	121	192	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1081**	A6684230312, A6684230512	324	30	119	121	192	6xM12		WP501		WL007		WA236			
Vito (W447)	2015	2020	F	DISC	**MNE1103**	4474210312, 4474210512, A6364210012, A6394210012, A6394210212, A6394210312	300	28	67	58	112	5X15	1CB	WP192							
			R	DISC	**MNE1138**	A447 423 0012, A447 423 0412	300	12	67	58	112	5x15.2	1CS	WP1605		WL065					
Vito 108D - ATE brakes	1996	2003	F	DISC	**MNE1071**	6384210112, A6384210112	276	22	67	60	112	5x15	1CS	WP1038		WL015					
			R	DISC	**MNE1072**	6384230112	280	10	67	65	112	5x15	1CS	WP1044		WL015					
Vito 108D - Bosch brakes			F	DISC	**MNE1071**	6384210112, A6384210112	276	22	67	60	112	5x15	1CS	WP1304		WL015					
			R	DISC	**MNE1072**	6384230112	280	10	67	65	112	5x15	1CS	WP1305		WL015					
Vito 109CDi	2003		F	DISC	**MNE1103**	4474210312, 4474210512, A6364210012, A6394210012, A6394210212, A6394210312	300	28	67	58	112	5X15	1CB	WP1553		WL065					
			R	DISC	**MNE1104**	6394230112, A6394230112	296	10	67	57.5	112	5x15	1CB	WP1554		WL065					
Vito 110D - ATE brakes	1996	2003	F	DISC	**MNE1071**	6384210112, A6384210112	276	22	67	60	112	5x15	1CS	WP1038		WL015					
			R	DISC	**MNE1072**	6384230112	280	10	67	65	112	5x15	1CS	WP1044		WL015					
Vito 110D - Bosch brakes			F	DISC	**MNE1071**	6384210112, A6384210112	276	22	67	60	112	5x15	1CS	WP1304		WL015					
			R	DISC	**MNE1072**	6384230112	280	10	67	65	112	5x15	1CS	WP1305							
Vito 111CDi	2003		F	DISC	**MNE1103**	4474210312, 4474210512, A6364210012, A6394210012, A6394210212, A6394210312	300	28	67	58	112	5X15	1CB	WP1553		WL065					
			R	DISC	**MNE1104**	6394230112, A6394230112	296	10	67	57.5	112	5x15	1CB	WP1554		WL065					
Vito 113 - ATE brakes	1996	2003	F	DISC	**MNE1071**	6384210112, A6384210112	276	22	67	60	112	5x15	1CS	WP1038		WL015					
			R	DISC	**MNE1072**	6384230112	280	10	67	65	112	5x15	1CS	WP1044		WL015					
Vito 113 - Bosch brakes			F	DISC	**MNE1071**	6384210112, A6384210112	276	22	67	60	112	5x15	1CS	WP1304		WL015					
			R	DISC	**MNE1072**	6384230112	280	10	67	65	112	5x15	1CS	WP1305		WL015					
Vito 115 CDi, 119, 122	2003		F	DISC	**MNE1103**	4474210312, 4474210512, A6364210012, A6394210012, A6394210212, A6394210312	300	28	67	58	112	5X15	1CB	WP1553		WL065					
			R	DISC	**MNE1104**	6394230112, A6394230112	296	10	67	57.5	112	5x15	1CB	WP1554		WL065					
Mercedes Benz Disc Brake Axles							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
DCA / DLS Knorr Bremse SK7000 caliper			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP132				WA230			
			T	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP132				WA230			
DCA / DLS Knorr Bremse SN6000 caliper			T	DISC	**MNE1108**	JOST JAE0110400012, MERC A6754210012, MERC A6754210112, SCHMITZ 1002522	377	45	211	131	238	10xM14		WP131				WA231			
DCA / DLS Knorr Bremse SN7000 caliper			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			T	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
Haldex DB19 caliper			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP119		WL082		WA247			
Haldex DB20, DB22 caliper			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP1367				WA247			
			T	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP119		WL082		WA247			
Knorr Bremse SB5000	1999		T	DISC	**MNE1076**	A0024204801, A6864230112, A9704230312, A9704230412, A9704230612, A9704231012	335	34	145	111	177	8xM12		WP1277				WA231			
Knorr Bremse SB6000			T	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1329				WA231			
			T	DISC	**MNE1108**	JOST JAE0110400012, MERC A6754210012, MERC A6754210112, SCHMITZ 1002522	377	45	211	131	238	10xM14		WP1329				WA231			
Knorr Bremse SB7000			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			T	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
Wabco PAN19, PAN19-1	2000		T	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1389				WA223			
Wabco PAN19-2			T	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP129				WA229			
Wabco PAN22-1			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP139				WA254			
			T	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP139				WA254			
Mercedes Benz PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
0300	1981		F	DRUM	**MNE1118**	301 421 0701, 3014210701	410	152	298	218	335	10x23									
0301	1986	1988	F	DRUM	**MNE1034**	6774210101, 6774230001	360	172	238	210	275	8x21	3T							MB/104/105/1	
	1988		F	DRUM	**MNE1037**	6774210501, 6774230501, A6774210501, A6774230501	364	172	238	210	275	8x21	3T								
	1986	1988	R	DRUM	**MNE1034**	6774210101, 6774230001	360	172	238	210	275	8x21	3T							MB/104/105/1	
	1988		R	DRUM	**MNE1037**	6774210501, 6774230501, A6774210501, A6774230501	364	172	238	210	275	8x21	3T								
0303, 305, 307	1973	1991	F	DRUM	**MNE1004**	3014210801, 3054210001, 3834230201	410	172	298	229	335	10x23	3T							MB/74/75/1 PSV	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DRUM	**MNE1014**	A3014210901, A3014211301, A3014230101, A3014230301, A3644210001, A3864210001	410	170	298	238	335	10x23	3T							MB/74/75/1 PSV	
			F	DRUM	**MNE1014**	A3014210901, A3014211301, A3014230101, A3014230301, A3644210001, A3864210001	410	170	298	238	335	10x23	3T							MB/74/75/1 PSV	
			R	DRUM	**MNE1048**	3014230801, 3014231201, 3074230101	410	239	298	306	335	10x23	3T							MB/76/77/1 PSV	
0309 (OM352)	1977		F	DRUM	**MNE1012**	3103341404	304	116	HUB	118	205	6x14									
			R	DRUM	**MNE1013**	3103560702, 3103560802	304	112	HUB	260	205	6x14									
0401	1990		F	DRUM	**MNE1118**	301 421 0701, 3014210701	410	152	298	218	335	10x23								MB/74/75/1 PSV	
			R	DRUM	**MNE1048**	3014230801, 3014231201, 3074230101	410	239	298	306	335	10x23	3T							MB/76/77/1 PSV	
0402	1986	1988	F	DRUM	**MNE1034**	6774210101, 6774230001	360	172	238	210	275	8x21	3T							MB/104/105/1	
	1988		F	DRUM	**MNE1037**	6774210501, 6774230501, A6774210501, A6774230501	364	172	238	210	275	8x21	3T								
	1986	1988	R	DRUM	**MNE1034**	6774210101, 6774230001	360	172	238	210	275	8x21	3T							MB/104/105/1	
	1988		R	DRUM	**MNE1037**	6774210501, 6774230501, A6774210501, A6774230501	364	172	238	210	275	8x21	3T								
0404	1991		F	DISC	**MNE1063**	A3564210312, A3564211012, A3564211212	438	45	195	135	235	10xM14		WP760	WP760S2	WL007		WA208-1			
			R	DISC	**MNE1063**	A3564210312, A3564211012, A3564211212	438	45	195	135	235	10xM14		WP760	WP760S2	WL007		WA208-1			
0405 City Bus, G Bus, Intercity Bus	1984		F	DRUM	**MNE1004**	3014210801, 3054210001, 3834230201	410	172	298	229	335	10x23	3T							MB/74/75/1 PSV	
			F	DRUM	**MNE1014**	A3014210901, A3014211301, A3014230101, A3014230301, A3644210001, A3864210001	410	170	298	238	335	10x23	3T							MB/74/75/1 PSV	
			F	DRUM	**MNE1001**	3054210101, 3054210401, 3054230601, 5000281119, 50059, 50090	410	165	298	213	335	10x23	2CB3T							MB/74/75/1 PSV	
			R	DRUM	**MNE1048**	3014230801, 3014231201, 3074230101	410	239	298	306	335	10x23	3T							MB/76/77/1 PSV	
			R	DRUM	**MNE1031**	3054230301, 3054230401, 6864230001, A3054230301, A3054230401, A3554230801	410	238	298	306	335	10x23	5x23 3T							MB/76/77/1 PSV	
0407			F	DRUM	**MNE1004**	3014210801, 3054210001, 3834230201	410	172	298	229	335	10x23	3T							MB/74/75/1 PSV	
			F	DRUM	**MNE1014**	A3014210901, A3014211301, A3014230101, A3014230301, A3644210001, A3864210001	410	170	298	238	335	10x23	3T							MB/74/75/1 PSV	
			F	DRUM	**MNE1001**	3054210101, 3054210401, 3054230601, 5000281119, 50059, 50090	410	165	298	213	335	10x23	2CB3T							MB/74/75/1 PSV	
			R	DRUM	**MNE1048**	3014230801, 3014231201, 3074230101	410	239	298	306	335	10x23	3T							MB/76/77/1 PSV	
			R	DRUM	**MNE1031**	3054230301, 3054230401, 6864230001, A3054230301, A3054230401, A3554230801	410	238	298	306	335	10x23	5x23 3T							MB/76/77/1 PSV	
0409 5 ton	1986		F	DISC	**MNE1067**	A6684210112, A6684210612, A6694210112, A6694210612	304	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DRUM	**MNE1024**	6683560102, 6683560702	300	89	90	213	205	6x14								MB/107/108/1	
			R	DRUM	**MNE1064**	6683560902, A6683560902	300	89	HUB	213	205	6x14								MB/107/108/1	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
0409 6 ton			F	DISC	**MNE1067**	A6684210112, A6684210612, A6694210112, A6694210612	304	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DRUM	**MNE1044**	6683560202, A6683560202	300	101	92	273	205	6x14								MB/100/101/1	
			R	DRUM	**MNE1058**	6683560302, A6683560302	300	130	92	284	205	6x14								MB/117/118/1 PSV	
0409 7.5 ton			F	DISC	**MNE1067**	A6684210112, A6684210612, A6694210112, A6694210612	304	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DRUM	**MNE1058**	6683560302, A6683560302	300	130	92	284	205	6x14								MB/117/118/1 PSV	
0550, 0560	2002		F	DISC	**MNE1102**	6274210012	432	45	194	135	220	10xM16		WP760	WP760S2	WL010					
			R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
0606D, 0609D, 0611D, 0614D	1987		F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
	1988		F	DISC	**MNE1113**	A670.421.0012, A6704210012	324	30	118	91	140	6xM12		WP501		WL007		WA236			
	1987		R	DRUM	**MNE1054**	6703560002, A6703560002	300	130	90	295	205	6x18								MB/117/118/1 PSV	
			R	DRUM	**MNE1058**	6683560302, A6683560302	300	130	92	284	205	6x14								MB/117/118/1 PSV	
			R	DRUM	**MNE1074**	6703560102	300	112	HUB	284	205	6x14								MB/100/101/1	
0709D, 0711D			F	DISC	**MNE1067**	A6684210112, A6684210612, A6694210112, A6694210612	304	30	118	91	140	6xM12		WP501		WL007		WA236			
			F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
	1988		F	DISC	**MNE1113**	A670.421.0012, A6704210012	324	30	118	91	140	6xM12		WP501		WL007		WA236			
	1987		R	DRUM	**MNE1054**	6703560002, A6703560002	300	130	90	295	205	6x18								MB/117/118/1 PSV	
			R	DRUM	**MNE1058**	6683560302, A6683560302	300	130	92	284	205	6x14									
			R	DRUM	**MNE1074**	6703560102	300	112	HUB	284	205	6x14								MB/100/101/1	
0811D, 0814D			F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
	1988		F	DISC	**MNE1113**	A670.421.0012, A6704210012	324	30	118	91	140	6xM12		WP501		WL007		WA236			
	1987		R	DRUM	**MNE1054**	6703560002, A6703560002	300	130	90	295	205	6x18								MB/117/118/1 PSV	
			R	DRUM	**MNE1058**	6683560302, A6683560302	300	130	92	284	205	6x14								MB/117/118/1 PSV	
			R	DRUM	**MNE1074**	6703560102	300	112	HUB	284	205	6x14								MB/100/101/1	
0814 L 7.5 ton (BM674)	1984		F	DRUM	**MNE1049**	6743341104, 6743341504, 6743350604	308	115	HUB	163	205	6x18								MB/109/2	
			R	DRUM	**MNE1051**	6733560402, 6733560702	308	120	HUB	284	205	6x18								MB/109/2	
0814 L, 0817 L	1987		F	DRUM	**MNE1040**	A6753340104, A6753341904, A6753342104, A6753344304, A6753345504	308	130	HUB	171	205	6x18								MB/110/2 PSV	
			R	DRUM	**MNE1038**	A673 356 0302, A673 356 1202, A6733560302, A6733561202	308	132	92	292	205	6x18								MB/110/2 PSV	
0814DA	1988		F	DISC	**MNE1073**	6694210512, 6694210712	324	30	184	112	205	6xM12		WP501		WL007		WA236			
			R	DRUM	**MNE1054**	6703560002, A6703560002	300	130	90	295	205	6x18								MB/117/118/1 PSV	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**MNE1058**	6683560302, A6683560302	300	130	92	284	205	6x14								MB/117/118/1 PSV	
Beaver	1987	1995	F	DISC	**MNE1113**	A670.421.0012, A6704210012	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DRUM	**MNE1054**	6703560002, A6703560002	300	130	90	295	205	6x18									
			R	DRUM	**MNE1058**	6683560302, A6683560302	300	130	92	284	205	6x14									
			R	DRUM	**MNE1074**	6703560102	300	112	HUB	284	205	6x14								MB/100/101/1	
Beaver II	1996		F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			F	DISC	**MNE1113**	A670.421.0012, A6704210012	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1070**	A6684230112	324	30	157	121	192	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1081**	A6684230312, A6684230512	324	30	119	121	192	6xM12		WP501		WL007		WA236			
Cheetah			F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			F	DISC	**MNE1113**	A670.421.0012, A6704210012	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1070**	A6684230112	324	30	157	121	192	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1081**	A6684230312, A6684230512	324	30	119	121	192	6xM12		WP501		WL007		WA236			
Citaro	1998	2007	F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
			F	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
	2008		F	DISC	**MNE1112**	0004213212, 9432210312, 9434210312, 9434210412, 9434210512, A0004213212	430	45	131	144	168	10x21	2xM10	WP988	WP988S2	WL018		WA230	WA231		
	1998	2007	R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
			R	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
	2008		R	DISC	**MNE1112**	0004213212, 9432210312, 9434210312, 9434210412, 9434210512, A0004213212	430	45	131	144	168	10x21	2xM10	WP988	WP988S2	WL018		WA230	WA231		
Citaro O530G Articulated	1998		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
			F	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
			R	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
			T	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
Cito 0520	1999		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
			F	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
			R	DISC	**BO1002S**	- WINNARD SOLID VERSION, 0.8213.5830, 000 420 02 72, 0004200172, 0004200272, 0004210312	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
Conecto O345	2002		R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T							PB/18/19/1	
Integro 0550	2000		F	DISC	**MNE1102**	6274210012	432	45	194	135	220	10xM16		WP760	WP760S2	WL010					
			R	DRUM	**SE1001**	179.25.20.112.11, 179.25.20.113.11, 179.25.20.114.11, 179252011211, 179252011311, 179252011411	410	229	290	281	335	10x23	2T							PB/18/19/1	
	2002		R		**TBA**	Part number to be advised															
Medio	2000		F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			F	DISC	**MNE1113**	A670.421.0012, A6704210012	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1070**	A6684230112	324	30	157	121	192	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1081**	A6684230312, A6684230512	324	30	119	121	192	6xM12		WP501		WL007		WA236			
Sprinter 408, 410, 411, 412, 413, 414, 416	1996		F	DISC	**MNE1061**	05104561AB, 2D0 615 301 B, 2D0 615 301 D, 2D0 615 301A, 2D0615301A, 2D0615301B	276	22	85	76	130	5x15	V/D 1CS1CB	WP1038		WL015					
			F	DISC	**MNE1061**	05104561AB, 2D0 615 301 B, 2D0 615 301 D, 2D0 615 301A, 2D0615301A, 2D0615301B	276	22	85	76	130	5x15	V/D 1CS1CB	WP1038		WL015					
		2005	F	DISC	**MNE1061**	05104561AB, 2D0 615 301 B, 2D0 615 301 D, 2D0 615 301A, 2D0615301A, 2D0615301B	276	22	85	76	130	5x15	V/D 1CS1CB	WP1038, WP1043		WL015					
	2006	2017	F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP192		WL065	WL065				
	1996		R	DISC	**MNE1062**	05104562AA, 2D0615601A, A9024230112, A9024230312, A9024230412, A9024230512	272	16	85	96	130	5x15	S/D 1CS1CB	WP1045		WL015					
			R	DISC	**MNE1062**	05104562AA, 2D0615601A, A9024230112, A9024230312, A9024230412, A9024230512	272	16	85	96	130	5x15	S/D 1CS1CB	WP1045		WL015					

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
		2005	R	DISC	**MNE1062**	05104562AA, 2D0615601A, A9024230112, A9024230312, A9024230412, A9024230512	272	16	85	96	130	5x15	S/D 1CS1CB	WP1045		WL015					
	2006	2017	R	DISC	**MNE1110**	24.0116-0121.1, 24011601211, 2E0615601A, A9064200083 (OE NUMBER WITH PADS WP190), A9064230012, A9104230000	298	16	85	71	130	6x15	S/D 1CB	WP190		WL065	WL065				
Sprinter 511, 515, 518 - SWB			F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP192		WL065	WL065				
			R	DISC	**MNE1110**	24.0116-0121.1, 24011601211, 2E0615601A, A9064200083 (OE NUMBER WITH PADS WP190), A9064230012, A9104230000	298	16	85	71	130	6x15	S/D 1CB	WP190		WL065	WL065				
Sprinter 511, 515, 518 - MWB			F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP200		WL065					
			R	DISC	**MNE1111**	2E0615601, A906 423 0112, A9064230112, A9064230112, A907 423 9700, A907.423.0100	303	28	120	93	145	6x15		WP201		WL067	WL067				
Sprinter 511, 515, 518 - LWB			F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP200		WL065	WL065				
			R	DISC	**MNE1111**	2E0615601, A906 423 0112, A9064230112, A9064230112, A907 423 9700, A907.423.0100	303	28	120	93	145	6x15		WP201		WL067	WL067				
Tourino	1997		F	DISC	**MNE1077**	A6754210112, A6864210012, A9754210012, A9754210112, A9754210212, A9754210512	377	45	106	134	138	14x14.5		WP1329		WL018	WL018	WA231	WA238		
			R	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1329		WL018	WL018	WA231	WA238		
Tourismo	1991		F	DISC	**MNE1063**	A3564210312, A3564211012, A3564211212	438	45	195	135	235	10xM14		WP760	WP760S2	WL007		WA208-1			
	2000		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
	2007		F	DISC	**MNE1112**	0004213212, 9432210312, 9434210312, 9434210412, 9434210512, A0004213212	430	45	131	144	168	10x21	2xM10	WP988	WP988S2			WA230			
	1991		R	DISC	**MNE1063**	A3564210312, A3564211012, A3564211212	438	45	195	135	235	10xM14		WP760	WP760S2	WL007		WA208-1			
	2000		R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
Touro	2002		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Travego 0580	1999		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2	WL018		WA230	WA231		
Traveliner TL 7	1998		F	DISC	**MNE1071**	6384210112, A6384210112	276	22	67	60	112	5x15	1CS	WP1304		WL015					
			R	DISC	**MNE1072**	6384230112	280	10	67	65	112	5x15	1CS	WP1305		WL015					
Traveliner TL12			F	DISC	**MNE1071**	6384210112, A6384210112	276	22	67	60	112	5x15	1CS	WP1304		WL015					
			R	DISC	**MNE1072**	6384230112	280	10	67	65	112	5x15	1CS	WP1305							
Traveliner TL13, TL14, TL16 - With ATE Brakes			F	DISC	**MNE1061**	05104561AB, 2D0 615 301 B, 2D0 615 301 D, 2D0 615 301A, 2D0615301A, 2D0615301B	276	22	85	76	130	5x15	V/D 1CS1CB	WP1038		WL015					
			R	DISC	**MNE1062**	05104562AA, 2D0615601A, A9024230112, A9024230312, A9024230412, A9024230512	272	16	85	96	130	5x15	S/D 1CS1CB	WP1045		WL015					
Traveliner TL13, TL14, TL16 - With Bosch Brakes			F	DISC	**MNE1071**	6384210112, A6384210112	276	22	67	60	112	5x15	1CS	WP1304		WL015					
			R	DISC	**MNE1060**	2D0615601B, 2DO615601C, A9014230412, A9014230612, A9014230812, A9014231012	258	12	85	96	130	5x15	1CS 1CB	WP1306		WL015					
Vario 512, 612, 614 - 16" Wheels	1996		F	DISC	**MNE1067**	A6684210112, A6684210612, A6694210112, A6694210612	304	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1068**	A6684230012	304	30	157	121	192	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1080**	6684230212, 6684230412, A6684230212, A6684230412, A6684230412	304	30	119	121	192	6xM12		WP501		WL007		WA236			
Vario 810, 812, 814, 816 - 17.5" Wheels			F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			F	DISC	**MNE1113**	A670.421.0012, A6704210012	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1070**	A6684230112	324	30	157	121	192	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1081**	A6684230312, A6684230512	324	30	119	121	192	6xM12		WP501		WL007		WA236			
Meritor							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
310 x 190 TM axle 10 stud	1980		T	DRUM	**RO1009**	1004254, 1021075, 21018963, 21023036, 21023038, 21209723	311	202	183	260	225	10x24.5	6T							RW/9/13/3	WBSK0015/4
310 x 190 TM axle 8 stud			T	DRUM	**RO1001**	21020448, 21020448S	311	205	225	260	275	8x24.5								RW/9/13/3	WBSK0015/4
350 x 200 - BMX axle			T	DRUM	**RO1012**	21211030, 21211030S, 29209701	350	210	183	264	225	10x24.5								RW/21/22/1	WBSK0034
			T	DRUM	**RO1015**	20211966	350	210	183	263	225	8x24.5								RW/21/22/1	WBSK0034
			T	DRUM	**RO1020**	21211966, 21211966S	350	214	226	265	275	8x24.5								RW/21/22/1	WBSK0034
394 x 178			T	DRUM	**RO1003**	21021441	394	191	282	230	335	10x24									
			T	DRUM	**RO1005**	21006649	394	186	282	219	335	10x24									
	1985		T	DRUM	**CF1012**	1004775	394	191	282	230	335	10x24								GG/92/1	
394 x 216	1980		T		**TBA**	Part number to be advised															
419 x 153			T	DRUM	**RO1010**	21209159	419	163	282	242	335	10x24								IL/68/69/6	
419 x 178 9000 Series TE, LM, LMC Axles - Outboard mounting drum			T	DRUM	**RO1014**	21219028, 21220183, 21220183S, 21220183V, 22222978, 22224179	419	187	282	237	335	10x24.5	2T					WA292		IL/66/67/3	WBSK0007
419 x 178 Q+ Outboard mounting drum	2000		T	DRUM	**RO1014**	21219028, 21220183, 21220183S, 21220183V, 22222978, 22224179	419	187	282	237	335	10x24.5	2T							RW/34/35/1	WBSK0008

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
419 x 178 TM and U axle - Inboard mounting drum	1980		T	DRUM	**RO1007**	1004267, 1004746, 21018986, 21018986V, 21021163, 21021284	419	200	283	248	335	10x24.25						WA292		IL/66/67/3	WBSK0007
419 x 203			T	DRUM	**RO1002**	1004733, 21020038, 21021114A, 21021114AV, 21021164, 21023064	419	229	282	271	335	10x24								RW/1/2/5	
419 x 219			T	DRUM	**RO1002**	1004733, 21020038, 21021114A, 21021114AV, 21021164, 21023064	419	229	282	271	335	10x24								FU/4/5/3	WBSK0014
	1985		T	DRUM	**CF1014**	1004733	419	229	282	271	335	10x24								FU/4/5/3	
Brake Disc - Elsa 225-3	2009		T	DISC	**RO1028**	- WITH CAST ABS TEETH 68323825, 120015200086, 5021170653, 6832382504	434	45	222	150	250	10xM16		WP1558							
			T	DISC	**RO1028+2**	- WITH BOLT ON STEEL ABS RING 68323825, 120015200086, 5021170653, 6832382504	434	45	222	150	250	10xM16		WP1558							
Brake Discs - B Duco - 17.5" wheels	2000		F	DISC	**VO1066**	3095632, 3095652, 68323231	335	30	91.5	100	120	10x14.5	2T	WP1386				WA227			
			R	DISC	**VO1069**	3095653, 3096553, 68323210	335	30	215	139	275	8x20		WP1386				WA227			
Brake Discs - C Duco - 19.5" wheels			F	DISC	**VO1067**	3095672, 68323232	375	45	106	130	138	14 x 14.5		WP1387				WA228			
			R	DISC	**VO1070**	3095673, 68323233, 997100059001	375	45	225	150	275	8x20		WP1387				WA228			
Brake Discs - C Lisa			T		**TBA**	Part number to be advised								WP1136		WL020		WA214			
Brake Discs - D Duco - DMX axle code			T	DISC	**RO1028**	- WITH CAST ABS TEETH 68323825, 120015200086, 5021170653, 6832382504	434	45	222	150	250	10xM16		WP1388				WA225			
			T	DISC	**RO1028+2**	- WITH BOLT ON STEEL ABS RING 68323825, 120015200086, 5021170653, 6832382504	434	45	222	150	250	10xM16		WP1388				WA225			
Brake Discs - D Elsa 2			T	DISC	**RO1028**	- WITH CAST ABS TEETH 68323825, 120015200086, 5021170653, 6832382504	434	45	222	150	250	10xM16		WP1404				WA208			
			T	DISC	**RO1028+2**	- WITH BOLT ON STEEL ABS RING 68323825, 120015200086, 5021170653, 6832382504	434	45	222	150	250	10xM16		WP1404				WA208			
	2002		T	DISC	**RO1033**	2100220, 5010525326, 68323740, MBR9011	434	45	260	160	335	10x32.5		WP1404	WP1404S2			WA208			
Brake Discs - D LE Duco	2000		T	DISC	**RO1028**	- WITH CAST ABS TEETH 68323825, 120015200086, 5021170653, 6832382504	434	45	222	150	250	10xM16		WP135				WA228			
			T	DISC	**RO1028+2**	- WITH BOLT ON STEEL ABS RING 68323825, 120015200086, 5021170653, 6832382504	434	45	222	150	250	10xM16		WP135				WA228			
Brake Discs - D Lisa			T		**TBA**	Part number to be advised								WP1047	WP1047S2	WL016		WA213			
Brake Discs - DX175			T		**TBA**	Part number to be advised								WP122							
Brake Discs - DX195 - HMX axle code	2005		T	DISC	**RO1030+**	- WITH KTL COATED STEEL ABS RING, 21225115, 21227349, 21227349A	378	45	222	150	250	10xM16		WP1314				WA211			
			T	DISC	**RO1031**	21224263, 3218H1308, 5021200858, 66325373/1, 68325372 (CHECK STUD HOLE DIAMETER), 68325373-1	378	45	225	150	275	8x24		WP1314				WA211			
			T	DISC	**RO1030**	- WITH CAST ABS TEETH, 21225115, 21227349, 21227349A, SCHMITZ 1109488	378	45	222	150	250	10xM16		WP1314				WA211			
Brake Discs - DX225	2000		T	DISC	**RO1029**																

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			T	DISC	**RO1028**	- WITH CAST ABS TEETH 68323825, 120015200086, 5021170653, 6832382504	434	45	222	150	250	10xM16		WP123							
			T	DISC	**RO1028+2**	- WITH BOLT ON STEEL ABS RING 68323825, 120015200086, 5021170653, 6832382504	434	45	222	150	250	10xM16		WP123							
Brake Discs - Elsa 195 - American Wheel Fitting	2004		T	DISC	**RO1032**	68325372/1	377	45	225	150	285	10x24.5		WP134		WL117					
Brake Discs - Elsa 195 - KMX axle code	2005		T	DISC	**RO1030+**	- WITH KTL COATED STEEL ABS RING, 21225115, 21227349, 21227349A	378	45	222	150	250	10xM16		WP134		WL117					
			T	DISC	**RO1031**	21224263, 3218H1308, 5021200858, 66325373/1, 68325372 (CHECK STUD HOLE DIAMETER), 68325373-1	378	45	225	150	275	8x24		WP134		WL117					
			T	DISC	**RO1030**	- WITH CAST ABS TEETH, 21225115, 21227349, 21227349A, SCHMITZ 1109488	378	45	222	150	250	10xM16		WP134		WL117					
Brake Discs - Elsa 2 - EMX axle code	2000		T	DISC	**RO1028**	- WITH CAST ABS TEETH 68323825, 120015200086, 5021170653, 6832382504	434	45	222	150	250	10xM16		WP1404				WA208			
			T	DISC	**RO1028+2**	- WITH BOLT ON STEEL ABS RING 68323825, 120015200086, 5021170653, 6832382504	434	45	222	150	250	10xM16		WP1404				WA208			
Brake Discs - EX225			T	DISC	**RO1028**	- WITH CAST ABS TEETH 68323825, 120015200086, 5021170653, 6832382504	434	45	222	150	250	10xM16		WP123							
			T	DISC	**RO1028+2**	- WITH BOLT ON STEEL ABS RING 68323825, 120015200086, 5021170653, 6832382504	434	45	222	150	250	10xM16		WP123							
Brake Discs - LM DX195	2005		T	DISC	**RO1030+**	- WITH KTL COATED STEEL ABS RING, 21225115, 21227349, 21227349A	378	45	222	150	250	10xM16		WP1314				WA211			
			T	DISC	**RO1031**	21224263, 3218H1308, 5021200858, 66325373/1, 68325372 (CHECK STUD HOLE DIAMETER), 68325373-1	378	45	225	150	275	8x24		WP1314				WA211			
			T	DISC	**RO1030**	- WITH CAST ABS TEETH, 21225115, 21227349, 21227349A, SCHMITZ 1109488	378	45	222	150	250	10xM16		WP1314				WA211			
Brake Discs - LM DX195 - American Wheel Fitting	2004		T	DISC	**RO1032**	68325372/1	377	45	225	150	285	10x24.5		WP1314				WA211			
Brake Discs - LM Elsa 195	2005		T	DISC	**RO1030+**	- WITH KTL COATED STEEL ABS RING, 21225115, 21227349, 21227349A	378	45	222	150	250	10xM16		WP134		WL117					
			T	DISC	**RO1030**	- WITH CAST ABS TEETH, 21225115, 21227349, 21227349A, SCHMITZ 1109488	378	45	222	150	250	10xM16		WP134		WL117					
Brake Discs - TM DX195			T	DISC	**RO1031**	21224263, 3218H1308, 5021200858, 66325373/1, 68325372 (CHECK STUD HOLE DIAMETER), 68325373-1	378	45	225	150	275	8x24		WP1314				WA211			
Brake Discs - TM Elsa 195			T	DISC	**RO1031**	21224263, 3218H1308, 5021200858, 66325373/1, 68325372 (CHECK STUD HOLE DIAMETER), 68325373-1	378	45	225	150	275	8x24		WP134		WL117					

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Crane Axle	1980		F	DRUM	**RW1001**	3219T4596	514	172	369	193	431	12x25	4CS4T								
			R	DRUM	**RW1001**	3219T4596	514	172	369	193	431	12x25	4CS4T								
Mitsubishi							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Canter 35 (FB634) 3.5T	1999	2005	F	DISC	**MT1004**	MB295136, MB295971, ML107005, QMB295971, QML107005	290	20	104	74	127	6x10.5		WP111							
			R	DRUM	**MT1005**	MB162668, MC838287C	279.5	70	132	139	170	6x11	3x7								
Canter 55 (FE649) 5.5T	2001		F	DISC	**MT1001**	44383, MC894846, QMC894846	293	40	114	54	140	6xM12		WP110							
			R	DISC	**MT1001**	44383, MC894846, QMC894846	293	40	114	54	140	6xM12		WP110							
Canter 63 (FE649) 6.3T	1999		F	DISC	**MT1001**	44383, MC894846, QMC894846	293	40	114	54	140	6xM12		WP110							
			R	DISC	**MT1001**	44383, MC894846, QMC894846	293	40	114	54	140	6xM12		WP110							
			R	DRUM	**MT1003**	MK321855	320	110	175	134	222	6x19.5								MC/L/S	
			R	DRUM	**MT1006**	QMK321866	320	110	175	123	222	6x19.5								MC/L/S	
Canter 75 (FE659) 7.5T			F	DISC	**MT1002**	8-98209261-2, QMK326334, QMK584503	309	40	114	54	140	6xM12		WP110							
			R	DISC	**MT1002**	8-98209261-2, QMK326334, QMK584503	309	40	114	54	140	6xM12		WP110							
			R	DRUM	**MT1003**	MK321855	320	110	175	134	222	6x19.5								MC/75	
			R	DRUM	**MT1003**	MK321855	320	110	175	134	222	6x19.5								MC/L/S	
			R	DISC	**MT1007**	QMK374048, QMK529949, QMK584504	310	40	139	70	161	12x10		WP110							
			R	DISC	**MT1032**	CQMX925100, MK374048, MK584504, MX925100, MX925100, QMX925100	310	40	139	70	161	12x10.3		WP110							
Canter FE160, FE180 3.0L	2012		F	DISC	**MT1002**	8-98209261-2, QMK326334, QMK584503	309	40	114	54	140	6xM12		WP1570, WP1603							
			R	DISC	**MT1007**	QMK374048, QMK529949, QMK584504	310	40	139	70	161	12x10		WP1570, WP1603							
			R	DISC	**MT1032**	CQMX925100, MK374048, MK584504, MX925100, MX925100, QMX925100	310	40	139	70	161	12x10.3		WP1570, WP1603							
Canter FK415	1985		F	DRUM	**MT1026**	MC828459	400	130	215	172	285	8x23									
			R	DRUM	**MT1027**	MC805748	400	168	215	212	285	8x23									
Canter Fuso 3.5t (FB83) 3.0 3C13	2005		F	DISC	**MT1010**	MK449352	288	24	104	56	126	6x10.3		WP1559							
			R	DISC	**MT1011**	MK356572, MK584497	266	24	132	82	170	6xM10		WP1560							
Canter Fuso 3.5t (FB83) 3.0DiTD 3C15		2011	F	DISC	**MT1033**	QMK529719, QMK529729	276	28	104	44.7	126	6x(TBC)		WP1559							
Canter Fuso 3.5t (FB83) 3.9 3C15			F	DISC	**MT1012**	MC894847, MK584501	293	40	110	54	136	5xM12		WP1559							
			R	DISC	**MT1008**	MC894848, MK584502, MX925098	293	40	124	70	144	12x10.4		WP1559, WP1593							
Canter Fuso 4.5T (FEB21) 4P10-T6(515)	2011		F	DISC	**MT1033**	QMK529719, QMK529729	276	28	104	44.7	126	6x(TBC)		WP1593							
			R	DISC	**MT1033**	QMK529719, QMK529729	276	28	104	44.7	126	6x(TBC)		WP1593							
Canter Fuso 413 (FEA21) Euro 5			F	DISC	**MT1037**	MK584498	276	28	110	53.8	136	5xTBC		WP1593							
			R	DISC	**MT1036**	MK584500	276	28	117.6	65.7	144	12xTBC									
Canter Fuso 515 (FEA21) Euro 5			F	DISC	**MT1037**	MK584498	276	28	110	53.8	136	5xTBC		WP1593							
			R	DISC	**MT1036**	MK584500	276	28	117.6	65.7	144	12xTBC									
Canter Fuso 515 (FEB21) Euro 5			F	DISC	**MT1037**	MK584498	276	28	110	53.8	136	5xTBC		WP1593							

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**MT1036**	MK584500	276	28	117.6	65.7	144	12xTBC									
Canter Fuso 6.5t (FE84) 3.9 6C15	2006	2007	F	DISC	**MT1001**	44383, MC894846, QMC894846	293	40	114	54	140	6xM12		WP1559							
			R	DISC	**MT1008**	MC894848, MK584502, MX925098	293	40	124	70	144	12x10.4		WP1559							
Canter Fuso 6.5t (FE84) 4.9 6C18			F	DISC	**MT1001**	44383, MC894846, QMC894846	293	40	114	54	140	6xM12		WP1559							
	2005		R	DISC	**MT1008**	MC894848, MK584502, MX925098	293	40	124	70	144	12x10.4		WP1559							
Canter Fuso 7.5t (FE85) 3.9 7C15	2006	2013	F	DISC	**MT1002**	8-98209261-2, QMK326334, QMK584503	309	40	114	54	140	6xM12		WP1557							
			R	DISC	**MT1008**	MC894848, MK584502, MX925098	293	40	124	70	144	12x10.4		WP1557							
Canter Fuso 7.5t (FE85) 4.9 7C18			F	DISC	**MT1002**	8-98209261-2, QMK326334, QMK584503	309	40	114	54	140	6xM12		WP1557, WP1570, WP1602		WL134					
			R	DISC	**MT1007**	QMK374048, QMK529949, QMK584504	310	40	139	70	161	12x10		WP1557, WP1570, WP1602		WL134					
			R	DISC	**MT1032**	CQMX925100, MK374048, MK584504, MX925100, MX925100, QMX925100	310	40	139	70	161	12x10.3		WP1557, WP1570, WP1602		WL134					
Canter Fuso FEB01 4P10-T2/T4 (3C13D/15D) 3.5T	2011		F	DISC	**MT1025**	0055753K, MK356524, MK584496	266	24	104	46	126	6x10.3		WP1560							
			R	DISC	**MT1011**	MK356572, MK584497	266	24	132	82	170	6xM10		WP1560							
Fuso FE180 4.9L	2005		F	DISC	**MT1002**	8-98209261-2, QMK326334, QMK584503	309	40	114	54	140	6xM12		WP1570							
			R	DISC	**MT1007**	QMK374048, QMK529949, QMK584504	310	40	139	70	161	12x10		WP1557, WP1570							
			R	DISC	**MT1032**	CQMX925100, MK374048, MK584504, MX925100, MX925100, QMX925100	310	40	139	70	161	12x10.3		WP1557, WP1570							
Mitsubishi PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
BE649 Rosa	1999		R	DRUM	**MT1009**	MC889939, MC889940	320	120	165	145	210	5x19	4T for ABS location								
Nabi							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Opatre Bus	2006		F	DISC	**OP1018**	24240014, DKF4924/88	330	34	95	95	118	8x14	2T	WP1279		WL023		WA235			
			R	DISC	**DA1045**	13C35-08390-BA Please check dimensions to confirm., 1400273, 1408254, 24070024, 32065010, 387014317051	330	34	150	119	175	12xM12		WP1279		WL023		WA235			
			R	DISC	**DA1052**	12162003, 1406872, 1407581, 1408672, 32060015, 6121620032	330	34	150	119	175	12xM12		WP1279		WL023		WA235			
Neoplan (Auwater)							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Centroliner	1992		F	DISC	**BO1003**	082133310, 221412, B234110, II37653	430	45	200	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
Cityliner N116	1974		F	DRUM	**SC1011**	285894, 360570	413	186	295	263	335	10x23.5	2CS3T							SV/8/1	
			F	DRUM	**MNE1001**	3054210101, 3054210401, 3054230601, 5000281119, 50059, 50090	410	165	298	213	335	10x23	2CB3T							MB/74/75/1 PSV	
	1992		F	DISC	**BO1003**	082133310, 221412, B234110, II37653	430	45	200	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		

WINNARD			Position			X-Ref														
Model	From	To		Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
	1974		R	DRUM	**SC1017**	00360573, 1385893, 1414435, 2109553, 2378716, 293543	413	266	295	321	335	10x23.5	2CS3T							SV/34/1	
			R	DRUM	**MNE1031**	3054230301, 3054230401, 6864230001, A3054230301, A3054230401, A3554230801	410	238	298	306	335	10x23	5x23 3T							MB/76/77/1 PSV	
	1992		R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
Clubstar	1998		F	DISC	**MNE1077**	A6754210112, A6864210012, A9754210012, A9754210112, A9754210212, A9754210512	377	45	106	134	138	14x14.5		WP1329		WL093		WA231	WA238		
			R	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1329		WL093		WA231	WA238		
Euroliner	1992		F	DISC	**BO1003**	082133310, 221412, B234110, II37653	430	45	200	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T							PB/18/19/1	
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
Eurostar	1991		F	DISC	**MNE1063**	A3564210312, A3564211012, A3564211212	438	45	195	135	235	10xM14		WP760	WP760S2	WL007		WA208-1			
			R	DISC	**MNE1063**	A3564210312, A3564211012, A3564211212	438	45	195	135	235	10xM14		WP760	WP760S2	WL007		WA208-1			
Jetliner	1974	1982	F	DRUM	**MNE1004**	3014210801, 3054210001, 3834230201	410	172	298	229	335	10x23	3T							MB/74/75/1 PSV	
			F	DRUM	**MNE1001**	3054210101, 3054210401, 3054230601, 5000281119, 50059, 50090	410	165	298	213	335	10x23	2CB3T							MB/74/75/1 PSV	
	1983	1991	F	DRUM	**NE1003**	080354000, 33164068, 34164068, 4462322206	410	167	298	219	335	10x23	3T							PB/16/17/1 PSV	
	1992		F	DISC	**BO1003**	082133310, 221412, B234110, II37653	430	45	200	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
	1974	1982	R	DRUM	**MNE1048**	3014230801, 3014231201, 3074230101	410	239	298	306	335	10x23	3T							MB/76/77/1 PSV	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**MNE1001**	3054210101, 3054210401, 3054230601, 5000281119, 50059, 50090	410	165	298	213	335	10x23	2CB3T							MB/74/75/1 PSV	
	1983	1991	R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DRUM	**VH1001**	136146, 153646, 622500430, 622500440, 622500760, 632500160	419	219	282	270	335	10x26	5CB2T							AX/14/6	
	1992		R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
Metroliner	1983		F	DRUM	**MCW1013**	X1852201	394	187	281	240	335	10x26	1CS1CB4T							CS/63/1 PSV	
	1990		F	DRUM	**NE1003**	080354000, 33164068, 34164068, 4462322206	410	167	298	219	335	10x23	3T							PB/16/17/1 PSV	
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DRUM	**VH1001**	136146, 153646, 622500430, 622500440, 622500760, 632500160	419	219	282	270	335	10x26	5CB2T							AX/14/6	
N Series	1988	1991	F	DRUM	**NE1003**	080354000, 33164068, 34164068, 4462322206	410	167	298	219	335	10x23	3T							PB/16/17/1 PSV	
	1992		F	DISC	**BO1003**	082133310, 221412, B234110, II37653	430	45	200	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
	1988	1991	R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
	1992		R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
N Series - Scania Axles	1995		F	DRUM	**SC1026**	297428	413	142	295	228	335	10x23.5									
			R	DRUM	**SC1017**	00360573, 1385893, 1414435, 2109553, 2378716, 293543	413	266	295	321	335	10x23.5	2CS3T							SV/42/2	
Regioliner	1991		F	DISC	**MNE1063**	A3564210312, A3564211012, A3564211212	438	45	195	135	235	10xM14		WP760	WP760S2	WL007		WA208-1			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	2002		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
	1991		R	DISC	**MNE1063**	A3564210312, A3564211012, A3564211212	438	45	195	135	235	10xM14		WP760	WP760S2	WL007		WA208-1			
	2002		R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
Skyliner	1984	1991	F	DRUM	**NE1003**	080354000, 33164068, 34164068, 4462322206	410	167	298	219	335	10x23	3T							PB/16/17/1 PSV	
	1991	1992	F	DISC	**VH1002**	080162100, 351032, 52E908-472, 80612100, E908472	410	48	162	120	185	12xM16		WP1329				WA231			
	1992		F	DISC	**BO1003**	082133310, 221412, B234110, II37653	430	45	200	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
	1984	1991	R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
	1992		R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
Skyliner - Mercedes chassis	1974	1992	F	DRUM	**MNE1004**	3014210801, 3054210001, 3834230201	410	172	298	229	335	10x23	3T							MB/74/75/1 PSV	
			F	DRUM	**MNE1001**	3054210101, 3054210401, 3054230601, 5000281119, 50059, 50090	410	165	298	213	335	10x23	2CB3T							MB/74/75/1 PSV	
			R	DRUM	**MNE1048**	3014230801, 3014231201, 3074230101	410	239	298	306	335	10x23	3T							MB/76/77/1 PSV	
			R	DRUM	**MNE1001**	3054210101, 3054210401, 3054230601, 5000281119, 50059, 50090	410	165	298	213	335	10x23	2CB3T							MB/74/75/1 PSV	
Spaceliner	1992		F	DISC	**BO1003**	082133310, 221412, B234110, II37653	430	45	200	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
Starliner - MAN Chassis Knorr Disc Brakes	2004		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP988	WP988S2			WA230			
Starliner - MAN Chassis Meritor Disc Brakes			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL093		WA208			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL093		WA208			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP1404	WP1404S2	WL093		WA208			
Starliner ZF Axles	1992		F	DISC	**BO1003**	082133310, 221412, B234110, II37653	430	45	200	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
Tourliner	2003		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP988	WP988S2			WA230			
			T	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
Transliner	1990		F	DRUM	**NE1003**	080354000, 33164068, 34164068, 4462322206	410	167	298	219	335	10x23	3T							PB/16/17/1 PSV	
	1992		F	DISC	**BO1003**	082133310, 221412, B234110, II37653	430	45	200	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1990		R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DRUM	**VH1001**	136146, 153646, 622500430, 622500440, 622500760, 632500160	419	219	282	270	335	10x26	5CB2T							AX/14/6	
	1992		R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
Transliner - Dennis Chassis	1991	1996	F	DISC	**DE1039**	653565	440	45	190	135	225	10xM16		WP769		WL003					
	1997		F	DISC	**DE1041**	655750	437	45	136	130	165	10x17		WP1047	WP1047S2			WA213			
Transliner - MAN Chassis	1996		F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2	WL013	WL013	WA208-1			
			F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MP/31/2	
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
			R	DRUM	**MD1002**	81.50110.0101, 81.50110.3101, 81501100101, 81501100134, 81501100241, 81501103101	410	190	298	280	335	10x23	5x23 3T							MP/32/2	WBSK0046
Transliner - MERCEDES Chassis	1991		F	DISC	**MNE1063**	A3564210312, A3564211012, A3564211212	438	45	195	135	235	10xM14		WP760	WP760S2	WL007		WA208-1			
			R	DISC	**MNE1063**	A3564210312, A3564211012, A3564211212	438	45	195	135	235	10xM14		WP760	WP760S2	WL007		WA208-1			
Trendliner	2004		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP988	WP988S2			WA230			
			T	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
Nicolas Modular							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
BPW SB3308	2010		T	DISC	**BP1058**	03.088.33.12.0, 0308833120, 05.088.33.14.0, 0508833140	335	34	160	115	185	10xM16		WP1277				WA231			
Nissan							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Atleon 100 - 200	2001	2002	F	DISC	**NIS1003**	09711810, 40206-F3901, 40206F3901, 4020701L50, N3301113	263	24	96	53	118	6									
Atleon 120 3.0 Diesel	2002	2006	F	DISC	**NIS1004**	09863410, 40206-9X401, 402069X401, 4020741L25, 4020741L27, 432069X401	262	24	96	49	118	6		WP1126, WP1390				WA233			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**NIS1005**	062003870, 402079X100, 432069X100, 43206LE02A, 43206MA50A, 432079X100	290	22	110	78	127	8x10.8		WP1102							
Atleon 140	1999		F	DISC	**NIS1006**	06100420-0, 061004200, 061004360, 062004380, 40206-9X000, 40206-9X001	322	30	160	115	205	6x20	2xM8								
			R	DISC	**NIS1007**	06200438-0, 43207V5050, 61004150, 61004200, 61004360, 62004380	322	30	160	115	205	6x20	6xM8								
Atleon 160	2006		F	DISC	**NIS1009**	40206LA600	375	45	169	138.5	196	12xM14		WP1136							
			R	DISC	**TBA DISC**	Part number to be advised								WP1136							
Cabstar	1998	2004	F	DISC	**NIS1003**	09711810, 40206-F3901, 40206F3901, 4020701L50, N3301113	263	24	96	53	118	6									
Cabstar E110 - E120		2006	F	DISC	**NIS1008**	09.8965.10, 09896510, 40206 9X404, 40206 9X500, 40206 MA50A, 40206-9X60A	290	26	96	53	118	6xM12									
Cabstar E97	2001		F	DISC	**NIS1001**	40206-9X200, 4020660U00, 402066U01, 4020671U01, 402069H402, 402069X200	276	24	96	49.5	118	5x12									
Cabstar F23	2004	2011	F	DISC	**NIS1008**	09.8965.10, 09896510, 40206 9X404, 40206 9X500, 40206 MA50A, 40206-9X60A	290	26	96	53	118	6xM12		WP229							
	2006	2013	F	DISC	**NIS1012**	40206LC60A, 7485141535	276	28	94	45.2	118	6xM12		WP1596							
Cabstar LT28-35			F	DISC	**RN1055**	40206-MB600, 40206MB600, 5001871213	276	28	94	45	118	5xM12									
			R	DISC	**RN1056**	43206MB600, 5001874635	280	16	108	62	127	6x10.7									
			R	DISC	**RN1070**	43206 MB60A, 43206-MB60A, 43206MB60A, 5001871281	280	16	108	67	127	6x10.8									
Interstar - With 15" wheels	2001		F	DISC	**VA1001**	09771710, 430149100, 4500098, 562105B, 562105J, 7700302128	280	24	79.5	61.5	110	6xM10		WP1452							
			R	DISC	**VA1002**	08937110, 4320600QAA, 4403045, 7700314107, 9111045	305	12	90	67	130	5x15.75	1CS	WP1453							
Interstar - With 16" wheels			F	DISC	**VA1004**	09908010, 4020600QAD, 4403038, 4501421, 5001875373, 562190B	305.5	28	90	77.8	130	5x16	1CS	WP1452							
			R	DISC	**VA1002**	08937110, 4320600QAA, 4403045, 7700314107, 9111045	305	12	90	67	130	5x15.75	1CS	WP1453							
L60 - L80	1992		R	DRUM	**NIS1010**	06002320	308	114	161	161	205	6x21	2T1CS								
Motor Ibercia 2.0 / 2.8D	1985	2003	F	DISC	**NIS1003**	09711810, 40206-F3901, 40206F3901, 4020701L50, N3301113	263	24	96	53	118	6									
NT400 Cabstar	2014	2016	F	DISC	**NIS1012**	40206LC60A, 7485141535	276	28	94	45.2	118	6xM12		WP1596							
			R	DISC	**RN1056**	43206MB600, 5001874635	280	16	108	62	127	6x10.7		WP921							
NV300	2016		F	DISC	**RN1080**	4020600Q1C, 4422285, 6000619994, 8660003955, 93866700	296	28	68	44	114.3	5x15.7	2CS								
NV400	2011		F	DISC	**RN1067**	0 986 479 716, 093197403, 203976, 23-1286C, 24.0128-0252.1, 40206-00Q0G	302	28	90	69.8	130	5x17.5	1CB	WP147							
			R	DISC	**RN1068**	04419362, 093197406, 095528683, 432000367R, 432009822R, 43206-00Q0A	305	12	90	71.5	130	5x15.5	1CB	WP112							

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
NV400 X62			F	DISC	**RN1069**	1421692, 432067943R, 4421180, 93168942, RENAULT 7485124209	301	18	120	51	140	8x10.8									
Primastar	2003		F	DISC	**VA1006**	40206-00QAG, 40206-00QAH, 4020600QAE, 4020600QAF, 4408275, 4413734	305	28	72	50	118	5x15.5 1CS		WP1515							
			R	DISC	**VA1007**	40206-00QAC, 40206-00QAE, 43206-00QAB, 43206-00QAC, 43206-00QAD, 4408276	280	12	65	102.5	118	5xM14									
			R	DISC	**VA1007K**	-SUPPLIED WITH BEARING & ABS RING, 40206-00QAC, 40206-00QAE, 43206-00QAB, 43206-00QAC, 43206-00QAD	280	12	65	102.5	118	5xM14									
Noge							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Catalan 320	1998		F	DISC	**MNE1077**	A6754210112, A6864210012, A9754210012, A9754210112, A9754210212, A9754210512	377	45	106	134	138	14x14.5		WP1329		WL093		WA231	WA238		
			R	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1329		WL093		WA231	WA238		
Catalan 350			F	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
Catalan 350 with ABS			F	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
Catalan 370			F	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP760	WP760S2	WL010		WA208-1			
Catalan 370 with ABS			F	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2			WA208-1			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP760	WP760S2			WA208-1			
Omnicoach							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
CVE	1995		F	DISC	**CV1001**	3000230	310	22	94	91	160	6x28,6x9		WP501		WL007					
			R	DRUM	**CV1002**	3000405	270	85	94	107	160	6x19	2x18								
Opel LCV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Combo	2001		F	DISC	**VA1005**	569000, 9196050, 93182591	260	24	60	41	100	6x14.5									
Movano 1.9, 2.2, 2.5, 2.8 - 15" Wheels	1998	2000	F	DISC	**VA1001**	09771710, 430149100, 4500098, 562105B, 562105J, 7700302128	280	24	79.5	61.5	110	6xM10		WP1292							
			F	DISC	**VA1001**	09771710, 430149100, 4500098, 562105B, 562105J, 7700302128	280	24	79.5	61.5	110	6xM10		WP1292							
	2001		F	DISC	**VA1004**	09908010, 4020600QAD, 4403038, 4501421, 5001875373, 562190B	305.5	28	90	77.8	130	5x16	1CS	WP1452							

WINNARD			Position			X-Ref															
Model	**From**	**To**		**Type**	**Winnard**	**Cross Reference numbers and notes**	**Disc and Drum Dimensions**							**Standard**	**Stage 2**	**W/Lead**	**W/Lead***	**F/Kit**	**F/Kit***	**Lining**	**Lined Shoe Kit**
			R	DISC	**VA1001**	09771710, 430149100, 4500098, 562105B, 562105J, 7700302128	280	24	79.5	61.5	110	6xM10		WP1452							
			R	DISC	**VA1002**	08937110, 4320600QAA, 4403045, 7700314107, 9111045	305	12	90	67	130	5x15.75	1CS	WP1453							
			R	DISC	**VA1002**	08937110, 4320600QAA, 4403045, 7700314107, 9111045	305	12	90	67	130	5x15.75	1CS	WP1453							
Movano 1.9, 2.2, 2.5, 2.8 - 16" Wheels	1998	2000	F	DISC	**VA1004**	09908010, 4020600QAD, 4403038, 4501421, 5001875373, 562190B	305.5	28	90	77.8	130	5x16	1CS	WP1292							
	2001		F	DISC	**VA1004**	09908010, 4020600QAD, 4403038, 4501421, 5001875373, 562190B	305.5	28	90	77.8	130	5x16	1CS	WP1452							
			R	DISC	**VA1002**	08937110, 4320600QAA, 4403045, 7700314107, 9111045	305	12	90	67	130	5x15.75	1CS	WP1453							
Movano 2.3 dCi	2010		F	DISC	**RN1067**	0 986 479 716, 093197403, 203976, 23-1286C, 24.0128-0252.1, 40206-00Q0G	302	28	90	69.8	130	5x17.5	1CB	WP147							
			R	DISC	**RN1068**	04419362, 093197406, 095528683, 432000367R, 432009822R, 43206-00Q0A	305	12	90	71.5	130	5x15.5	1CB	WP112							
Movano X62	2011		F	DISC	**RN1069**	1421692, 432067943R, 4421180, 93168942, RENAULT 7485124209	301	18	120	51	140	8x10.8									
Vivaro	2001		F	DISC	**VA1006**	40206-00QAG, 40206-00QAH, 4020600QAE, 4020600QAF, 4408275, 4413734	305	28	72	50	118	5x15.5 1CS		WP1515							
			R	DISC	**VA1007**	40206-00QAC, 40206-00QAE, 43206-00QAB, 43206-00QAC, 43206-00QAD, 4408276	280	12	65	102.5	118	5xM14									
			R	DISC	**VA1007K**	-SUPPLIED WITH BEARING & ABS RING, 40206-00QAC, 40206-00QAE, 43206-00QAB, 43206-00QAC, 43206-00QAD	280	12	65	102.5	118	5xM14									
Vivaro X82	2014		F	DISC	**RN1080**	4020600Q1C, 4422285, 6000619994, 8660003955, 93866700	296	28	68	44	114.3	5x15.7	2CS								
Optare PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Alero	2001		F	DISC	**OP1017**	1906469, 21050008, 99456377	303	28	122	56	145	8x13		WP1351/4		WL062					
			R	DISC	**OP1016**	21050006, 21060008	290	22	115	78	133	8x11		WP1102							WBSK0011
Bonito			F	DISC	**FD1042**	1387781, 1388871, 1568640, 1738815, 2256041, 4041428	294	24.5	80	43	100	5xM10		WP5167							
			R	DRUM	**FD1046**	4078770, 4446219	280	76	142	132	180	6x15.5									
CityPacer	1986		F	DISC	**VW1002**	281615283, 281615283A	281	20	91	85	115	8x5T									
			R	DRUM	**VW1001**	291609617	270	75	164	143	205	6x20	1CB4T								
Delta 11.5m	1988		F	DRUM	**DA1011**	0094904, 0595224, 4531585, 638170, 665795	420	168	285	232	335	10x24	4CB2T							DF/20/21/3	
			F	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
			R	DRUM	**DA1022**	0386964, 0395247, 386964, 395247	420	250	285	313	335	10x24	2CB2T							DF/38/39/1	
			R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
Esteem - Scania Chassis	2006		F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Esteem - Volvo Chassis			F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
Excel	1996		R	DRUM	**SA1028**	3294666R1, 3347805R1, L2050059	419	186	285	257	335	10x23.5	2CS2T							RW/5/6/4	
Metrodecker	2019		F	DISC	**TBA DISC**	Part number to be advised															
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14									
Metrorider	1989		F	DISC	**MCW1007**	F4283/88, R2000005, X1857658, X2057948	322	30	166	110	215	12xM12		WP523							
			R	DISC	**MCW1007**	F4283/88, R2000005, X1857658, X2057948	322	30	166	110	215	12xM12		WP523							
Nouvelle	1996		F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1070**	A6684230112	324	30	157	121	192	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1081**	A6684230312, A6684230512	324	30	119	121	192	6xM12		WP501		WL007		WA236			
Olympus - Scania Chassis	2006		F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
Olympus - Volvo Chassis			F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
Prisma 12m	1995		F	DRUM	**OP1004**	UN0146	410	165	298	213	335	10x23	2CB3T							MB/74/75/1 PSV	
Sigma	1994	1996	F	DRUM	**DE1018**	653187	394	192	281	246	335	10x26	1CSCB4T							CS/68/2 PSV	
			F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/68/2 PSV	
			F	DISC	**DE1052**	654646	432	45	194	135	220	10xM16		WP760	WP760S2	WL010		WA208-1			
			R	DRUM	**DE1009**	653188	394	214	282	265	335	10x26	5CB3T								
			R	DRUM	**DE1025**	650711/8	394	214	282.575	265	335	10x26.5									
Solera 9.2m	2000	2002	F	DRUM	**MNE1035**	A6774210401, A6774230401	364	143	238	193	275	8x21	3T							MB/111/112/1 PSV	

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Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**MNE1035**	A6774210401, A6774230401	364	143	238	193	275	8x21	3T							MB/111/112/1 PSV	
Solera SR	2001		F	DISC	**MNE1077**	A6754210112, A6864210012, A9754210012, A9754210112, A9754210212, A9754210512	377	45	106	134	138	14x14.5		WP1329				WA231			
			R	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1329				WA231			
Solo - Air over hydraulic brake	1988	2002	F	DISC	**MCW1007**	F4283/88, R2000005, X1857658, X2057948	322	30	166	110	215	12xM12		WP523							
			R	DISC	**MCW1007**	F4283/88, R2000005, X1857658, X2057948	322	30	166	110	215	12xM12		WP523							
Solo - Full Air System Pan17 Brake	2003		F	DISC	**OP1018**	24240014, DKF4924/88	330	34	95	95	118	8x14	2T	WP1279		WL023		WA235			
			F	DISC	**DA1044**	1400163, 1408252	330	34	117	123	138	12xM12		WP1279		WL023		WA235	WA258		
	2006		F	DISC	**OP1018**	24240014, DKF4924/88	330	34	95	95	118	8x14	2T	WP1279		WL023		WA235			
			F	DISC	**WR1001**	CSP-00263, CSP00263, F5186-88, F5186/88, F518688, R1800050 ? x-ref needs confirmation	330	34	95	95	120	10x14.75	2T	WP1279		WL023		WA235			
	2011		F	DISC	**DA1057**	1703801, 1703805, 2612678, R1800079	330	34	95	113	120	10x14.75		WP1279		WL023		WA235			
	2003		R	DISC	**DA1045**	13C35-08390-BA Please check dimensions to confirm., 1400273, 1408254, 24070024, 32065010, 387014317051	330	34	150	119	175	12xM12		WP1279		WL023		WA235	WA258		
	2006		R	DISC	**DA1052**	12162003, 1406872, 1407581, 1408672, 32060015, 6121620032	330	34	150	119	175	12xM12		WP1279		WL023		WA235	WA259		
	2011		R	DISC	**DA1052**	12162003, 1406872, 1407581, 1408672, 32060015, 6121620032	330	34	150	119	175	12xM12		WP1279		WL023		WA235			
Soroco - ATE Caliper	1996		F	DISC	**MNE1061**	05104561AB, 2D0 615 301 B, 2D0 615 301 D, 2D0 615 301A, 2D0615301A, 2D0615301B	276	22	85	76	130	5x15	V/D 1CS1CB	WP1038		WL015					
			R	DISC	**MNE1060**	2D0615601B, 2DO615601C, A9014230412, A9014230612, A9014230812, A9014231012	258	12	85	96	130	5x15	1CS 1CB	WP1043		WL015					
			R	DISC	**MNE1062**	05104562AA, 2D0615601A, A9024230112, A9024230312, A9024230412, A9024230512	272	16	85	96	130	5x15	S/D 1CS1CB	WP1039		WL015					
Soroco - Bosch Caliper			F	DISC	**MNE1061**	05104561AB, 2D0 615 301 B, 2D0 615 301 D, 2D0 615 301A, 2D0615301A, 2D0615301B	276	22	85	76	130	5x15	V/D 1CS1CB	WP1038		WL015					
	2006		F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP200		WL065	WL065				
	1996		R	DISC	**MNE1060**	2D0615601B, 2DO615601C, A9014230412, A9014230612, A9014230812, A9014231012	258	12	85	96	130	5x15	1CS 1CB	WP1306		WL015					
			R	DISC	**MNE1062**	05104562AA, 2D0615601A, A9024230112, A9024230312, A9024230412, A9024230512	272	16	85	96	130	5x15	S/D 1CS1CB	WP1306		WL015					
			R	DISC	**MNE1079**	2DO615601B, A9014231012, A9024202901, A9044230112, A9044230212, A9044230312	285	22	120	94	145	6x15		WP1043		WL015					

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Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	2006		R	DISC	**MNE1111**	2E0615601, A906 423 0112, A9064230112, A9064230112, A907 423 9700, A907.423.0100	303	28	120	93	145	6x15		WP201		WL065	WL065				
Soroco Plus	2001		F	DISC	**MNE1106**	9054210012, A9054210012, A9054210112	290	26	70	70	96	8x14.5		WP1390				WA249			
			R	DISC	**MNE1105**	9054200072, A9054200072	304	30	120	115	192	6xM12		WP501		WL007		WA236			
Starrider	1987		R	DRUM	**MNE1054**	6703560002, A6703560002	300	130	90	295	205	6x18								MB/117/118/1 PSV	
Tempo - With Disc brake	2005		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP136, WP174	WP136S2, WP174S2	WL117		WA251			
			R	DISC	**RN1057**	28060020, 3218P1342, 3218P1498, 3218P1498X, 5001860184	434	45	210	138.5	240	12xM16		WP136, WP174	WP136S2, WP174S2	WL117		WA251			
Tempo - With Drum brake			R	DRUM	**OP1019**	1IK24H, 25060064, 5083337	420	190	282	270	335	10x24	2CB2T							19722	
Toro			F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1070**	A6684230112	324	30	157	121	192	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1081**	A6684230312, A6684230512	324	30	119	121	192	6xM12		WP501		WL007		WA236			
Vecta	1989		F	DRUM	**MD1009**	81.50110.0216, 81501100216	360	155	230	198	275	8x22	3T							GG/217/1 PSV	
			R	DRUM	**MD1010**	81.50110.0212, 81501100212	360	172	230	242	275	8x22	3T							GG/218/1 PSV	
			R	DRUM	**MD1016**	81.50110.0237, 81.50110.3237, 81501100237, 81501103237	360	187	230	247	275	8x22	3T							GG/232/1 PSV	
Versa	2007		F	DISC	**DA1057**	1703801, 1703805, 2612678, R1800079	330	34	95	113	120	10x14.75		WP1279		WL023		WA235			
			F	DISC	**OP1018**	24240014, DKF4924/88	330	34	95	95	118	8x14	2T	WP1279		WL023		WA235			
			R	DISC	**DA1052**	12162003, 1406872, 1407581, 1408672, 32060015, 6121620032	330	34	150	119	175	12xM12		WP1279		WL023		WA235			
Versa - With Dana Spicer Front Axle			F	DISC	**WR1001**	CSP-00263, CSP00263, F5186-88, F5186/88, F518688, R1800050 ? x-ref needs confirmation	330	34	95	95	120	10x14.75	2T	WP1279		WL023		WA235			
			R	DISC	**DA1052**	12162003, 1406872, 1407581, 1408672, 32060015, 6121620032	330	34	150	119	175	12xM12		WP1279		WL023		WA235			
Otokar							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Doruk			F	DISC	**SOL1001**	0820352698, 16H0005464AA, H68.218305	377	45	105.5	130.5	144	10x14.5		WP1329				WA231			
			R	DISC	**DA1050**	1142132, 1525386, ADL 658094-3, ADL 658094/3, CSP-00357, CSP00357	377	45	169	138.5	196	8xM14		WP1329				WA231			
Sultan	2003		F	DISC	**MNE1075**	13C33-05572, 13C33-05572AA, 13C3305572AA, A0024204701 kit with pads WP1277, A638421011205, A6864200072 kit with pads WP1277	335	34	91.6	102.5	120	10x14.5		WP1277				WA231			
			R	DISC	**DA1045**	13C35-08390-BA Please check dimensions to confirm., 1400273, 1408254, 24070024, 32065010, 387014317051	330	34	150	119	175	12xM12		WP1279				WA235			
Vectio U	2007		F	DISC	**SOL1001**	0820352698, 16H0005464AA, H68.218305	377	45	105.5	130.5	144	10x14.5		WP1329				WA231			
			R	DISC	**DA1050**	1142132, 1525386, ADL 658094-3, ADL 658094/3, CSP-00357, CSP00357	377	45	169	138.5	196	8xM14		WP1329				WA231			
Pegaso							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								

WINNARD			Position			X-Ref															
Model	**From**	**To**		**Type**	**Winnard**	**Cross Reference numbers and notes**	**Disc and Drum Dimensions**							**Standard**	**Stage 2**	**W/Lead**	**W/Lead***	**F/Kit**	**F/Kit***	**Lining**	**Lined Shoe Kit**
1236 Tronner	1991		R	DRUM	**PEG1001**	718178	410	208	282	290	335	10x24	3CB2T+3x30								
Peterbilt							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
325	2008	2012	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
330			F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
335		2010	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
337	2010	2012	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
Class 8 - Fitted with splined rotor	2011		F	DISC	**DA1059**	- THIS IS AN INTERFERENCE FIT DESIGN AND SHOULD BE FITTED USING A PRESS, 10025445, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT	430	45	217	45	230	10x8.5 (Torque Setting 20Nm)		WP132				WA230			
			R	DISC	**DA1059**	- THIS IS AN INTERFERENCE FIT DESIGN AND SHOULD BE FITTED USING A PRESS, 10025445, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT	430	45	217	45	230	10x8.5 (Torque Setting 20Nm)		WP132				WA230			
Peugeot							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Boxer 2.0 D, 2.2 D 1.0, 1.4 tonne	2002	2006	F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7	WP917							
			F	DISC	**CIT1008**	1307356080, 1606401680, 4246K2, 4246Y3, 4246Y5, 424935	300	24	80	66	130	5x17.5 + 2x8.7		WP917							
			R	DISC	**CIT1013**	00004246Y7, 00004246Y7, 1341046080, 1606306680, 1606306680, 422835	280	16	72	82	118	5x15.6	5x8.8	WP921							
			R	DISC	**CIT1014**	1341047080, 1606401780, 1607880580, 1618863480, 4246Z1, 4246Z3	280	16	79	82	130	5x17.7	5x8.8	WP921							
Boxer 2.0 D, 2.2 D 1.0, 1.8 tonne			F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7	WP919							
			F	DISC	**CIT1008**	1307356080, 1606401680, 4246K2, 4246Y3, 4246Y5, 424935	300	24	80	66	130	5x17.5 + 2x8.7		WP919							
			R	DISC	**CIT1006**	16 078 721 80, 16 124 351 80, 16 124 352 80, 4249.K2, 424928, 424929	280	28	73	70	118	5x15.5	5x8.7	WP921							
			R	DISC	**CIT1014**	1341047080, 1606401780, 1607880580, 1618863480, 4246Z1, 4246Z3	280	16	79	82	130	5x17.7	5x8.8	WP921							
Boxer 2.2 D, 3.0 D 1.1 tonne payload	2006		F	DISC	**CIT1006**	16 078 721 80, 16 124 351 80, 16 124 352 80, 4249.K2, 424928, 424929	280	28	73	70	118	5x15.5	5x8.7	WP468							
			R	DISC	**CIT1007**	424930, 424931, 51740245, 51749274	280	16	72	80	118	5x15.5	5x8.7	WP465							
Boxer 2.2 D, 3.0 D 1.4 tonne payload			F	DISC	**CIT1012**	1300501080, 1300501080, 4242X1, 424626, 4246L2, 4246L2	280	24	73	66	118	5x15.5	2x8.7	WP468							
			R	DISC	**CIT1007**	424930, 424931, 51740245, 51749274	280	16	72	80	118	5x15.5	5x8.7	WP465							
Boxer 2.2 D, 3.0 D 1.7 tonne payload			F	DISC	**CIT1008**	1307356080, 1606401680, 4246K2, 4246Y3, 4246Y5, 424935	300	24	80	66	130	5x17.5 + 2x8.7		WP466							
			R	DISC	**CIT1009**	424939, 424940, 51856411	280	16	79	80	130	5x17.5	5x8.7	WP465							

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Boxer 2.2 D, 3.0 D 2.0 tonne payload			F	DISC	**CIT1010**	424937, 424938, 51705758, 51740249, 51957509	300	32	80	74	130	5x17.5	2x8.7	WP466							
			R	DISC	**CIT1011**	1607880680, 1611842180, 1618865380, 424941, 424942, 4249K6	300	16	79	80	130	5x17.5	5x8.7	WP465							
Expert	1996	2003	F	DISC	**CIT1001**	1309392080, 4246J2, 4246J3	281	26	59	43.5	98	5x16.5									
			F	DISC	**CIT1002**	1316323080, 4246H8, 4246H9	257	20	59	40.5	98	5x16.5									
Plaxton							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Beaver - Mercedes Chassis	1987	1995	R	DRUM	**MNE1054**	6703560002, A6703560002	300	130	90	295	205	6x18								MB/117/118/1 PSV	
			R	DRUM	**MNE1058**	6683560302, A6683560302	300	130	92	284	205	6x14								MB/117/118/1 PSV	
			R	DRUM	**MNE1074**	6703560102	300	112	HUB	284	205	6x14								MB/100/101/1	
Beaver - Renault Chassis		1992	F	DISC	**CD1020**	0038326200	300	27	94	62	118	6x13									
			R	DRUM	**CD1016**	3062314	308	113	171	152	205	6x19.5	2T							GG/219/220/1	
			R	DRUM	**CD1022**	73166269	308	110	160	153	205	6x19.5	2T							GG/219/220/1	
Beaver II	1996		F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1070**	A6684230112	324	30	157	121	192	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1081**	A6684230312, A6684230512	324	30	119	121	192	6xM12		WP501		WL007		WA236			
Centro - MAN 12.240 Chassis	2007		F	DISC	**MD1028**	81.50803.0044, 81508030044	377	45	106	108	144	12x17		WP1329		WL093		WA231	WA238		
			R	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329		WL093		WA231	WA238		
Centro - VDL SB120 Chassis	2002		F	DISC	**DA1049**	1142086, 1525384, 41142086, II39280F	377	45	117	112	144	10x15	2xM14	WP1329		WL093		WA231	WA238		
			R	DISC	**DA1050**	1142132, 1525386, ADL 658094-3, ADL 658094/3, CSP-00357, CSP00357	377	45	169	138.5	196	8xM14		WP1329		WL093		WA231	WA238		
Centro - Volvo B7RLE Chassis	2000	2005	F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
	2000	2005	R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		

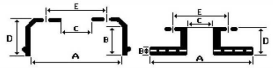
Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Cheetah	1996		F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			F	DISC	**MNE1113**	A670.421.0012, A6704210012	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1070**	A6684230112	324	30	157	121	192	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1081**	A6684230312, A6684230512	324	30	119	121	192	6xM12		WP501		WL007		WA236			
Elite - Volvo B12 Chassis	2000	2005	F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
	2000	2005	R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
Paragon & Panther - Dennis R Series Chassis	2001		F	DISC	**DE1050**	23913487362, 658470-39, 658470/39, 65847039, DANA F4866-88, 250-F486688, F486688, K013569	430	45	135	105	165	14x15	2T	WP988	WP988S2	WL063		WA230	WA231		
			R	DISC	**DE1053+2**	- WITH KTL COATED BOLT ON STEEL ABS RING, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
			R	DISC	**DE1053**	- WITH CAST ABS TEETH, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2	WL063		WA230	WA231		
Paragon & Panther - Iveco Eurorider Chassis	1992		F	DISC	**IV1050**	93161407	417	28	159	67	186	10x18.5				WL061					
			R	DRUM	**IV1024**	7172079	410	208	285	258	335	10x23	2CB2T								
			R	DISC	**IV1082+**	- WITH KTL COATED STEEL ABS RING, 002995812, 002996328, 007185503, 7189476, I0007189476	431	45	210	138.5 DISC / 154.5 INC ABS RING	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**IV1082**	- WITH CAST ABS TEETH, 002995812, 002996328, 007185503, 7189476, I0007189476	431	45	210	138.5	240	12xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Paragon & Panther - MAN Chassis Knorr Disc Brakes	2006		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA230			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP988	WP988S2			WA230			
Paragon & Panther - MAN Chassis Meritor Disc Brakes			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL093		WA208			
			R	DISC	**MD1021**	81.50803.0028, 81.50803.0048, 81508030028, 81508030048	432	45	207.5	135	235	10xM16		WP1404	WP1404S2	WL093		WA208			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL093		WA208			
Paragon & Panther - MAN Chassis with Drum Brakes	2001		F	DRUM	**MD1011**	81.50110.0214, 81.50110.0227, 81.50110.0232, 81501100214, 81501100227, 81501100232	410	184	298	232	335	10x23	2CB3T							MP/31/2	
			F	DRUM	**MD1004**	81.50110.0108, 81.50110.0147, 81.50110.0223, 81.50110.0226, 81.50110.0231, 81.50110.3108	410	167	298	212	335	10x23	2CB3T							MP/31/2	
			R	DRUM	**MD1001**	3054230201, 81.50110.0104, 81.50110.0107, 81.50110.0144, 81.50110.0244, 81.50110.0245	410	237	298	300	335	10x23	5x23 3T							MP/36/2	WBSK0047
Paragon & Panther - Volvo B10M Chassis	1979		F	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
			R	DRUM	**VO1018**	1134818, 1590313/1	394	265	282	314	335	10x28	2T							VL/81/82/1	
			T	DRUM	**VO1008**	1577439	394	188	282	253	335	10x28	2T							VL/72/73/1 PSV	
			T	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
Paragon & Panther - Volvo B12 Chassis	1993	1995	F	DRUM	**VO1027**	1599010	410	205	282	274	335	10x28	2CS2T							VL/88/2	
	1995	2000	F	DISC	**VO1060**	3112965-3, 3112965/3, 31129650	438	45	195	127	235	10xM16		WP1047	WP1047S2	WL013	WL013	WA213			
	2000	2005	F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
	1993	1995	R	DRUM	**VO1025**	1599012	410	229	282	307	335	10x28	2CS2T							VL/89/2	
	2000	2005	R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			














Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
	1993	1995	T	DRUM	**VO1031**	1599014	410	159	282	236	335	10x28	2T							VL/85/1	
Primo	2005		F	DISC	**PL1001**	270-70, 270.70, 270.70-3140-008, S084930	330	34	157	117	180	6x12.6		WP1279		WL023					
			F	DISC	**PL1003**	270.79, 2RABS6H	335	34	157	118.7	182	12x12.6		WP1279		WL023					
			F	DISC	**PL1005**	270.80, 270.80-3140-008, 2RABS7H	330	34	157	118.7	182	12x12.6		WP1279		WL023					
			R	DISC	**PL1002**	2RABS5H, 360-74, 360.74, 360.74-3340-008, S343871	335	34	164	127	188	12xM12		WP1279		WL023					
			R	DISC	**PL1004**	2RABS9H, 360.05, 360.05-3340-008	330	34	164	127	188	12xM12		WP1279		WL023					
Profile	2000	2005	F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
	2000	2005	R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
Pronto - Mercedes Sprinter 408 - 416 Chassis	1996	2005	F	DISC	**MNE1061**	05104561AB, 2D0 615 301 B, 2D0 615 301 D, 2D0 615 301A, 2D0615301A, 2D0615301B	276	22	85	76	130	5x15	V/D 1CS1CB	WP1038, WP1043		WL015					
	2006		F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP192		WL065					
	1996	2005	R	DISC	**MNE1062**	05104562AA, 2D0615601A, A9024230112, A9024230312, A9024230412, A9024230512	272	16	85	96	130	5x15	S/D 1CS1CB	WP1043		WL015					
	2006		R	DISC	**MNE1110**	24.0116-0121.1, 24011601211, 2E0615601A, A9064200083 (OE NUMBER WITH PADS WP190), A9064230012, A9104230000	298	16	85	71	130	6x15	S/D 1CB	WP190		WL065					

WINNARD			Position			X-Ref															
Model	**From**	**To**		**Type**	**Winnard**	**Cross Reference numbers and notes**	**Disc and Drum Dimensions**							**Standard**	**Stage 2**	**W/Lead**	**W/Lead***	**F/Kit**	**F/Kit***	**Lining**	**Lined Shoe Kit**
Pronto - Mercedes Sprinter 511 - 518 SWB Chassis			F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP200		WL065					
			R	DISC	**MNE1110**	24.0116-0121.1, 24011601211, 2E0615601A, A9064200083 (OE NUMBER WITH PADS WP190), A9064230012, A9104230000	298	16	85	71	130	6x15	S/D 1CB	WP190		WL065					
Pronto - Mercedes Sprinter 511 - 518 MWB Chassis			F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP200		WL065					
			R	DISC	**MNE1111**	2E0615601, A906 423 0112, A9064230112, A9064230112, A907 423 9700, A907.423.0100	303	28	120	93	145	6x15		WP201		WL067	WL067				
Pronto - Mercedes Sprinter 511 - 518 LWB Chassis			F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP200		WL065					
			R	DISC	**MNE1111**	2E0615601, A906 423 0112, A9064230112, A9064230112, A907 423 9700, A907.423.0100	303	28	120	93	145	6x15		WP201		WL067	WL067				
Verde - DAF SB220 Chassis	1991		F	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
			R	DRUM	**DA1022**	0386964, 0395247, 386964, 395247	420	250	285	313	335	10x24	2CB2T							DF/50/51/1	
Verde - Dennis Lance Chassis			F	DRUM	**DE1024**	611463/6	394	187	281	240	335	10x26	1CS1CB4T							CS/64/1 PSV	
			R	DRUM	**DE1025**	650711/8	394	214	282.575	265	335	10x26.5								CS/63/1 PSV	
Verde - Scania 3 Series Chassis			F	DRUM	**SC1015**	392390	413	189	295	253	335	10x23.5	2CS3T							SV/40/2	
			F	DRUM	**SC1016**	392391	413	190	295	263	335	10x23.5	2CS3T							SV/40/2	
			R	DRUM	**SC1017**	00360573, 1385893, 1414435, 2109553, 2378716, 293543	413	266	295	321	335	10x23.5	2CS3T							SV/42/2	
Verde - Volvo B10B Chassis		1995	F	DRUM	**VO1027**	1599010	410	205	282	274	335	10x28	2CS2T							VL/88/2	
	1996		F	DRUM	**VO1037**	1075307, 3171745	410	210	282	273	335	10x28	2CS2T							VL/88/2	
			F	DISC	**VO1060**	3112965-3, 3112965/3, 31129650	438	45	195	127	235	10xM16		WP1047	WP1047S2	WL013		WA213			
	1991	1995	R	DRUM	**VO1025**	1599012	410	229	282	307	335	10x28	2CS2T							VL/89/2	
	1996		R	DRUM	**VO1038**	1075310, 20713928, 21094124, 21451968, 21508813, 3171748	410	229	282	306	335	10x28	4x18CS + 2x25mm + 2xM20							VL/89/2	WBSK0051
Prevost							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
H Series	2000		F	DISC	**KA1008**	DANA F4974/88, KASSBOHRER 8285543000, 82850005890, KNORR BD7205, KNORR II37415, II37145N, MERCEDES A0004200172, PREVOST 611188, 611455, 611456	430	45	194	136	220	10xM16		WP988	WP988S2			WA230			
			R	DISC	**PR1001**	KNORR II37986, 1137986, K021959, PREVOST 611457, 621672	430	45	194	179.7	250	10x5/8		WP988	WP988S2			WA230			
			T	DISC	**KA1008**	DANA F4974/88, KASSBOHRER 8285543000, 82850005890, KNORR BD7205, KNORR II37415, II37145N, MERCEDES A0004200172, PREVOST 611188, 611455, 611456	430	45	194	136	220	10xM16		WP988	WP988S2			WA230			
XL - II			F	DISC	**DE1059**	102539, 102723, 611300, 658468 4, 658468-4, 658468/4	430	45	135	114.7	165	14x14.75	2T	WP988	WP988S2			WA230			
			R		**TBA**	Part number to be advised								WP988	WP988S2			WA230			
			T	DISC	**DE1059**	102539, 102723, 611300, 658468 4, 658468-4, 658468/4	430	45	135	114.7	165	14x14.75	2T	WP988	WP988S2			WA230			
Renault							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
130B, 150B	1975	1980	F	DRUM	**RN1073**	172046, 5000202691, 5516011616, 5516030954, 5516053691, 551631601	394	134	228	201.5	275	8x21.5	2CS2T								
			R	DRUM	**RN1074**	173285, 5000202692, 5000546969, 5516011307, 5516011617, 6011617	394	156	228	218	275	8x21.5	2CB2T								
50 Series S35, S46, S56	1987		F	DISC	**CD1024**	0038326000	298	15	94	73	118	6x13		WP575							
			R	DRUM	**CD1022**	73166269	308	110	160	153	205	6x19.5	2T							GG/219/220/1	
50 Series S56, S66			F	DISC	**CD1020**	0038326200	300	27	94	62	118	6x13		WP575							
			R	DRUM	**CD1016**	3062314	308	113	171	152	205	6x19.5	2T							GG/219/220/1	
			R	DRUM	**CD1022**	73166269	308	110	160	153	205	6x19.5	2T							GG/219/220/1	
50 Series S75	1989		F	DRUM	**CD1028**	38172900	330	110	160	198	205	6x19.5	2T							LH/94/2	
			F	DRUM	**CD1029**	5430031835	330	141	160	194	205	6x19.5	2T							GG/194/1	
			R	DRUM	**CD1019**	5430030560	330	150	171	220	205	6x19.8	2T								
			R	DRUM	**CD1023**	3457600	330	150	160	219	205	6x19.5	2T								
50 Series S85.150 Turbo 4x4	1987		F		**TBA**	Part number to be advised															
			R		**TBA**	Part number to be advised															
B Series B70, B80, B90, B110, B120	1982	1993	F	DISC	**RN1018**	5000396612	276	24	95	44	114	10x11		WP791							
			F	DISC	**RN1018**	5000396612	276	24	95	44	114	10x11		WP627							
	1993		F	DISC	**RN1028**	5010216433	276	24	102	44	120	10x11		WP791							
	1982		R	DRUM	**RN1030**	5000396855	305	90	143	155	190	5x20									
			R		**TBA**	Part number to be advised															
C Range - Disc Brakes - 250, 280, 320	2013		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP174	WP174S2	WL117		WA251			
			F	DISC	**RN1041S**	- WINNARD SOLID VERSION, 35010422593, 500055596, 5001672150, 5006172150, 5010422363	434	45	131	97	165	10x17	2T	WP174	WP174S2	WL117		WA251			
			R	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP174	WP174S2	WL117		WA251			
			R	DISC	**RN1041S**	- WINNARD SOLID VERSION, 35010422593, 500055596, 5001672150, 5006172150, 5010422363	434	45	131	97	165	10x17	2T	WP174	WP174S2	WL117		WA251			
			T	DISC	**VO1078**	7420523383, 85103806	410	45	N/A	45	N/A	N/A		WP173		WL117		WA240	WA251		
			T	DISC	**VO1079**	085110495, 085111045, 20442374, 20515097, 5001667798, 5001867798	410	45	220	45	n/a	n/a		WP173		WL117		WA240	WA251		
C Range - Disc Brakes - 380, 430, 440, 460			F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			T	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			T	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
C Range - Drum Brakes	1980		F	DRUM	**RN1003**	191128, 192377, 194128, 194226, 5000737342, 50097	414	160	281	206	335	10x25	2CB2T								
			F	DRUM	**RN1005**	189923, 5000737459	414	181	281	230	335	10x25	2CB2T							RN/100/1	
			F	DRUM	**RN1011**	5010135142, 5010136146	414	189	281	253	335	10x26.5	2CB2T							RN/101/1	
			F	DRUM	**RN1012**	5010136147	414	188	281	237	335	10x25.2	2CB2T							RN/101/1	
			F	DRUM	**RN1014**	5010136148	414	188	281	232	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1001**	5000716288	414	197	290	245	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1004**	0000192371, 0000194435, 0000194456, 000194435, 194435, 5000737768	414	181	281	235	335	10x26.5	2CB2T							RN/101/1	
			R	DRUM	**RN1006**	5000716598	414	165	290	259	335	10x25	1CB2T								
			R	DRUM	**RN1009**	5000792895, 5600104967	414	191	281	245	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1010**	5010067788	414	191	281	256	335	10x25	2CB2T							RN/101/1	
Commando G08, G09, G10	1987		F	DRUM	**CD1013**	73063081	330	150	160	220	205	6x23.5								GG/194/1	
			R	DRUM	**CD1013**	73063081	330	150	160	220	205	6x23.5									
Commando G11			F		**TBA**	Part number to be advised															
			R	DRUM	**CD1011**	36301400														GG/153/1	
Commando G12			F		**TBA**	Part number to be advised														GG/118/1	
			R		**TBA**	Part number to be advised														GG/153/1	
Commando G13			F	DRUM	**CD1010**	36301600, 73007478	394	203	281	211	335	10x24	4T							GG/118/1	
			F	DRUM	**CD1011**	36301400														GG/118/1	
			R	DRUM	**CD1011**	36301400														GG/140/1	
Commando G15			F	DRUM	**CD1010**	36301600, 73007478	394	203	281	211	335	10x24	4T							GG/118/1	
			F	DRUM	**CD1011**	36301400														GG/118/1	
			R	DRUM	**CD1011**	36301400														GG/140/1	
Commando G16			F	DRUM	**CD1008**	36301300, 73162138	394	221	281	235	335	10x24	4T							GG/92/1	
			F	DRUM	**CD1017**	37168600, 5430028383	394	181	281	217	335	10x24	4T							GG/92/1	
			F	DRUM	**CD1030**	37365600	394	205	281	252	335	10x24	4T							GG/92/1	
			R	DRUM	**CD1018**	36648700, 73007369	394	187	281	252	335	10x24	4T							GG/92/1	
Commando G18			F		**TBA**	Part number to be advised															
			R	DRUM	**CD1011**	36301400														GG/153/1	
Commando G20			F	DRUM	**CD1011**	36301400														GG/118/1	
			R	DRUM	**CD1011**	36301400														GG/140/1	
Commando G24			F	DRUM	**CD1017**	37168600, 5430028383	394	181	281	217	335	10x24	4T							GG/92/1	
			R	DRUM	**CD1011**	36301400														GG/140/1	
Commando G26			F	DRUM	**CD1017**	37168600, 5430028383	394	181	281	217	335	10x24	4T							GG/92/1	
			F	DRUM	**CD1030**	37365600	394	205	281	252	335	10x24	4T							GG/92/1	
			R	DRUM	**CD1018**	36648700, 73007369	394	187	281	252	335	10x24	4T							GG/92/1	
D-Series	2016		F	DISC	**TBA DISC**	Part number to be advised															
			R	DISC	**RN1088**	7485139095	306	28	160	143	205	6x20	2T								
G Maxter	1990		F	DRUM	**RN1014**	5010136148	414	188	281	232	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1004**	0000192371, 0000194435, 0000194456, 000194435, 194435, 5000737768	414	181	281	235	335	10x26.5	2CB2T							RN/101/1	
			R	DRUM	**RN1009**	5000792895, 5600104967	414	191	281	245	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1010**	5010067788	414	191	281	256	335	10x25	2CB2T							RN/101/1	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
G Range	1980		F	DRUM	**RN1003**	191128, 192377, 194128, 194226, 5000737342, 50097	414	160	281	206	335	10x25	2CB2T								
			F	DRUM	**RN1005**	189923, 5000737459	414	181	281	230	335	10x25	2CB2T							RN/101/1	
			F	DRUM	**RN1011**	5010135142, 5010136146	414	189	281	253	335	10x26.5	2CB2T							RN/101/1	
			F	DRUM	**RN1012**	5010136147	414	188	281	237	335	10x25.2	2CB2T							RN/101/1	
			R	DRUM	**RN1001**	5000716288	414	197	290	245	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1004**	0000192371, 0000194435, 0000194456, 000194435, 194435, 5000737768	414	181	281	235	335	10x26.5	2CB2T							RN/101/1	
			R	DRUM	**RN1006**	5000716598	414	165	290	259	335	10x25	1CB2T							RN/101/1	
			R	DRUM	**RN1009**	5000792895, 5600104967	414	191	281	245	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1010**	5010067788	414	191	281	256	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1079**	5000716309, 716309	414	181	290	271	335	10x25.2								RN/101/1	
J Series JK75	1974		F	DRUM	**RN1020**	5000203430, 5516017936, 5516031597, 556017936	310	112	165	179	205	6x20	2CS2T								
			R	DRUM	**RN1021**	017937, 321745J, 5000203431, 5010098107, 5516017937, 5516031596	310	130	165	193	205	6x20	2CS2T							SA/26/27/1	
J Series JN60, JN75, JN90, JN95			F	DRUM	**RN1016**	5000203432, 5516015538, 5516017938, 5516019378, 5516031348, 6017938	325	134	207	201	245	6x20	2CS2T							SA/28/29/1	
			R	DRUM	**RN1017**	42003759, 42003760, 5000203433, 5010098116, 5516015449, 5516017939	325	155	207	222	245	6x20	2CS2T							SA/30/31/1	
J Series JP13, JP14	1975	1980	F	DRUM	**RN1073**	172046, 5000202691, 5516011616, 5516030954, 5516053691, 551631601	394	134	228	201.5	275	8x21.5	2CS2T								
			R	DRUM	**RN1074**	173285, 5000202692, 5000546969, 5516011307, 5516011617, 6011617	394	156	228	218	275	8x21.5	2CB2T								
K Range	2013		F	DRUM	**RN1090**	21454518, 23649360, 7421454518, 7421454519, 7423649360, 7423649361	410	189	282	233	335	10x28	2CB + 2xM20 CB					WA289		VL/87/2	WBSK0020
			R	DRUM	**VO1038**	1075310, 20713928, 21094124, 21451968, 21508813, 3171748	410	229	282	306	335	10x28	4x18CS + 2x25mm + 2xM20					WA289		VL/89/2	WBSK0051
Kangoo	2008		F	DISC	**RN1077**	MERCEDES 415 420 0001, MERCEDES 415 420 0701, NISSAN 40206 00Q2G, NISSAN 40206-00Q2G, RENAULT 402068234R, RENAULT 7701209839	280	24	61	37	108	5x15.8	2x8.5 Counter Sunk								
			R	DISC	**RN1078K**	432004327R, 432025057R, 8200381148	274	11	52.3	88	108	5xM12x1.5									
Kerax	1997		F	DRUM	**RN1014**	5010136148	414	188	281	232	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1004**	0000192371, 0000194435, 0000194456, 000194435, 194435, 5000737768	414	181	281	235	335	10x26.5	2CB2T							RN/101/1	
			R	DRUM	**RN1009**	5000792895, 5600104967	414	191	281	245	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1010**	5010067788	414	191	281	256	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	
			R	DRUM	**RN1049**	5010525805	414	230	281	278	335	10x26.5	2CB2T							RN/104/1	
			R	DRUM	**RN1044**	5010260663	414	188	281	235	335	10x25.2	2CB2T							RN/101/1	
	2000		R	DRUM	**RN1076**	5010525554	414	227	281	287	335	10x26.2	2CB2T							RN/104/1	

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Kerax with Volvo Brake	2011		F	DRUM	**VO1040**	03171744, 1075306, 20713926, 21094122, 21451966, 3171744	410	196	282	261	335	10x28	2CS2T					WA289		VL/87/2	WBSK0020
			R	DRUM	**VO1042**	1075309, 20713927, 21094123, 21451967, 21508812, 3171747	410	218	282	294	335	10x28	2CS2T					WA289		VL/88/2	WBSK0021
Magnum Series AE380, AE385, AE390	1990	1993	F	DISC	**RN1013**	5000792539, 5010216548	440	44.5	131	100	165	10x17	2T	WP769		WL014					
			R	DRUM	**RN1004**	0000192371, 0000194435, 0000194456, 000194435, 194435, 5000737768	414	181	281	235	335	10x26.5	2CB2T							RN/101/1	
Magnum Series AE380, AE385, AE390, AE420, AE430, AE520, AE560	1993		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1047	WP1047S2	WL028		WA213			
			F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP760	WP760S2	WL011		WA208-1			
			R	DRUM	**RN1004**	0000192371, 0000194435, 0000194456, 000194435, 194435, 5000737768	414	181	281	235	335	10x26.5	2CB2T							RN/101/1	
			R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
Magnum DXi	2006		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			T	DISC	**VO1072**	- SOLID DISC F/KIT WA246 (KITTED DISC VO1072K), 3173047, 85103809	375	45	N/A	45	N/A	N/A		WP134		WL117		WA246			
			T	DISC	**VO1077**	20523409, 20523411, 5001867799, 7420523411, 7485110494, 85103805	375	45	181	45	n/a	n/a		WP134		WL117		WA246			
			T	DISC	**VO1078**	7420523383, 85103806	410	45	N/A	45	N/A	N/A		WP173		WL117		WA240			
			T	DISC	**VO1079**	085110495, 085111045, 20442374, 20515097, 5001667798, 5001867798	410	45	220	45	n/a	n/a		WP173		WL117		WA240			
Magnum E Tech 400, 440, 480 - D3 caliper	2000	2002	F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP760	WP760S2			WA208-1			
			F	DISC	**RN1041S**	- WINNARD SOLID VERSION, 35010422593, 500055596, 5001672150, 5006172150, 5010422363	434	45	131	97	165	10x17	2T	WP760	WP760S2			WA208-1			
			R	DISC	**RN1042**	5010422364	434	45	224	160	256	12xM14		WP760	WP760S2			WA208-1			
Magnum E Tech 400, 440, 480 - D Elsa 2 caliper	2002		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1404	WP1404S2	WL028		WA208			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DISC	**RN1041S**	- WINNARD SOLID VERSION, 35010422593, 500055596, 5001672150, 5006172150, 5010422363	434	45	131	97	165	10x17	2T	WP1404	WP1404S2	WL028		WA208			
		2006	F	DISC	**RN1063**	0002996353, 002996353, 2996353, 42552008, 5006172150, 5010216437	438	45	131	96.575	165	10x17	2T	WP1404	WP1404S2	WL028		WA208			
			R	DISC	**RN1042**	5010422364	434	45	224	160	256	12xM14		WP1404	WP1404S2	WL028		WA208			
Major Range	1990	1993	F	DRUM	**RN1005**	189923, 5000737459	414	181	281	230	335	10x25	2CB2T							RN/100/1	
			F	DRUM	**RN1011**	5010135142, 5010136146	414	189	281	253	335	10x26.5	2CB2T							RN/101/1	
			F	DRUM	**RN1012**	5010136147	414	188	281	237	335	10x25.2	2CB2T							RN/101/1	
			F	DISC	**RN1013**	5000792539, 5010216548	440	44.5	131	100	165	10x17	2T	WP769		WL014					
	1993		F	DRUM	**RN1011**	5010135142, 5010136146	414	189	281	253	335	10x26.5	2CB2T							RN/101/1	
			F	DRUM	**RN1012**	5010136147	414	188	281	237	335	10x25.2	2CB2T							RN/101/1	
			F	DRUM	**RN1014**	5010136148	414	188	281	232	335	10x25	2CB2T							RN/101/1	
			F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP760	WP760S2	WL011		WA208-1			
	1990	1993	R	DRUM	**RN1004**	0000192371, 0000194435, 0000194456, 000194435, 194435, 5000737768	414	181	281	235	335	10x26.5	2CB2T							RN/101/1	
	1993		R	DRUM	**RN1004**	0000192371, 0000194435, 0000194456, 000194435, 194435, 5000737768	414	181	281	235	335	10x26.5	2CB2T							RN/101/1	
Manager Range	1990	1993	F	DRUM	**RN1011**	5010135142, 5010136146	414	189	281	253	335	10x26.5	2CB2T							RN/101/1	
			F	DRUM	**RN1012**	5010136147	414	188	281	237	335	10x25.2	2CB2T							RN/101/1	
			F	DISC	**RN1013**	5000792539, 5010216548	440	44.5	131	100	165	10x17	2T	WP769		WL014					
			F	DRUM	**RN1014**	5010136148	414	188	281	232	335	10x25	2CB2T							RN/101/1	
	1993		F	DRUM	**RN1011**	5010135142, 5010136146	414	189	281	253	335	10x26.5	2CB2T							RN/101/1	
			F	DRUM	**RN1012**	5010136147	414	188	281	237	335	10x25.2	2CB2T							RN/101/1	
			F	DRUM	**RN1014**	5010136148	414	188	281	232	335	10x25	2CB2T							RN/101/1	
			F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP760	WP760S2	WL011		WA208-1			
	1990	1993	R	DRUM	**RN1004**	0000192371, 0000194435, 0000194456, 000194435, 194435, 5000737768	414	181	281	235	335	10x26.5	2CB2T							RN/101/1	
			R	DRUM	**RN1009**	5000792895, 5600104967	414	191	281	245	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1010**	5010067788	414	191	281	256	335	10x25	2CB2T							RN/101/1	
	1993		R	DRUM	**RN1004**	0000192371, 0000194435, 0000194456, 000194435, 194435, 5000737768	414	181	281	235	335	10x26.5	2CB2T							RN/101/1	
			R	DRUM	**RN1009**	5000792895, 5600104967	414	191	281	245	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1010**	5010067788	414	191	281	256	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1043**	5000816929	420	192	230	227	275	8x21								SJ/28/29/1	
Mascott 3.5 and 5 ton	1999	2009	F	DISC	**RN1045**	5010260604	290	22	102	43	121	10x10.5		WP1390		WL058		WA249			
	2010		F	DISC	**RN1066**	7420924728	290	22	73	77	95	10x12.7 2xM8		WP1102		WL058		WA249			
	1999	2009	R	DISC	**RN1047**	5001864712, 5010260609	290	22	115	78	133	8x11		WP1102		WL058					WBSK0011
	2010		R	DISC	**RN1047**	5001864712, 5010260609	290	22	115	78	133	8x11		WP1102		WL058		WA249			WBSK0011
Mascott 5.5, 6.0 and 6.5 ton	1999	2009	F	DISC	**RN1046**	5010260603	290	26	102	43	121	10x10.5		WP1390		WL058		WA249			
	2010		F	DISC	**RN1065**	7420924727	290	26	120	77	95	10x12.7 2xM8		WP1390		WL058		WA249			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1999	2009	R	DISC	**RN1047**	5001864712, 5010260609	290	22	115	78	133	8x11		WP1102		WL058		WA248			WBSK0011
	2010		R	DISC	**RN1047**	5001864712, 5010260609	290	22	115	78	133	8x11				WL058		WA249			WBSK0011
Master T28, T33, T35, T39 - 15" Wheels	1998	2000	F	DISC	**VA1001**	09771710, 430149100, 4500098, 562105B, 562105J, 7700302128	280	24	79.5	61.5	110	6xM10		WP1292							
	2001		F	DISC	**VA1001**	09771710, 430149100, 4500098, 562105B, 562105J, 7700302128	280	24	79.5	61.5	110	6xM10		WP1452							
			R	DISC	**VA1002**	08937110, 4320600QAA, 4403045, 7700314107, 9111045	305	12	90	67	130	5x15.75	1CS	WP1453							
Master T28, T33, T35, T39 - 16" Wheels	1998	2000	F	DISC	**VA1004**	09908010, 4020600QAD, 4403038, 4501421, 5001875373, 562190B	305.5	28	90	77.8	130	5x16	1CS	WP1292							
	2001		F	DISC	**VA1004**	09908010, 4020600QAD, 4403038, 4501421, 5001875373, 562190B	305.5	28	90	77.8	130	5x16	1CS	WP1452							
			R	DISC	**VA1002**	08937110, 4320600QAA, 4403045, 7700314107, 9111045	305	12	90	67	130	5x15.75	1CS	WP1453							
Master X62 IV	2010		F	DISC	**RN1067**	0 986 479 716, 093197403, 203976, 23-1286C, 24.0128-0252.1, 40206-00Q0G	302	28	90	69.8	130	5x17.5	1CB	WP147							
	2011		F	DISC	**RN1069**	1421692, 432067943R, 4421180, 93168942, RENAULT 7485124209	301	18	120	51	140	8x10.8									
	2010		R	DISC	**RN1068**	04419362, 093197406, 095528683, 432000367R, 432009822R, 43206-00Q0A	305	12	90	71.5	130	5x15.5	1CB	WP112							
			R	DISC	**RN1071**	43206 00Q0B, 4320600Q0B, 432064087R, 4421080, 7485123974, 93168847	305	12	91	71.5	130	5x17	1CS	WP112							
Maxity 2.5 DXI - 2.8,3.2,3.5 tonne	2007		F	DISC	**RN1055**	40206-MB600, 40206MB600, 5001871213	276	28	94	45	118	5xM12		WP229							
			R	DISC	**RN1056**	43206MB600, 5001874635	280	16	108	62	127	6x10.7		WP921							
			R	DISC	**RN1070**	43206 MB60A, 43206-MB60A, 43206MB60A, 5001871281	280	16	108	67	127	6x10.8		WP921							
Maxity 3.0 DXI - 4.5 tonne			F	DISC	**NIS1008**	09.8965.10, 09896510, 40206 9X404, 40206 9X500, 40206 MA50A, 40206-9X60A	290	26	96	53	118	6xM12		WP1390							
			R	DISC	**RN1056**	43206MB600, 5001874635	280	16	108	62	127	6x10.7		WP921							
			R	DISC	**RN1070**	43206 MB60A, 43206-MB60A, 43206MB60A, 5001871281	280	16	108	67	127	6x10.8		WP921							
			R	DISC	**NIS1005**	062003870, 402079X100, 432069X100, 43206LE02A, 43206MA50A, 432079X100	290	22	110	78	127	8x10.8		WP1102							
Messenger B70-120	1982	1993	F	DISC	**RN1018**	5000396612	276	24	95	44	114	10x11		WP627							
	1993		F	DISC	**RN1028**	5010216433	276	24	102	44	120	10x11		WP791							
	1982	1993	R	DRUM	**RN1030**	5000396855	305	90	143	155	190	5x20									
			R		**TBA**	Part number to be advised															
	1993		R	DRUM	**RN1030**	5000396855	305	90	143	155	190	5x20									
			R		**TBA**	Part number to be advised															
Midliner M Series M120 - M250	1989	1995	F	DISC	**RN1008**	5000450158, 5000545242, 7423814357	354	30	128	82	151	10x12.3		WP668							
		2001	F	DRUM	**RN1003**	191128, 192377, 194128, 194226, 5000737342, 50097	414	160	281	206	335	10x25	2CB2T							RN/100/1	
	1995		F	DISC	**RN1008**	5000450158, 5000545242, 7423814357	354	30	128	82	151	10x12.3									
			F	DISC	**RN1008**	5000450158, 5000545242, 7423814357	354	30	128	82	151	10x12.3		WP1136		WL020					

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1989	1995	R	DRUM	**RN1015**	5000447774	360	175	228	224	275	8x21.5	2CB2T							RN/102/103/1	
			R	DRUM	**RN1040**	5000452031, 5010587071	360	194	228	242	275	8x21.5	2CB2T							RN/102/103/1	
		2001	R	DRUM	**RN1004**	0000192371, 0000194435, 0000194456, 000194435, 194435, 5000737768	414	181	281	235	335	10x26.5	2CB2T							RN/100/1	
			R	DRUM	**RN1015**	5000447774	360	175	228	224	275	8x21.5	2CB2T							RN/102/103/1	
			R	DRUM	**RN1022**	5000792385	414	160	281	214	335	10x25	2CB2T							RN/100/1	
	1995		R	DRUM	**RN1015**	5000447774	360	175	228	224	275	8x21.5	2CB2T							RN/102/103/1	
			R	DRUM	**RN1040**	5000452031, 5010587071	360	194	228	242	275	8x21.5	2CB2T							RN/102/103/1	
	1989	1995	T	DRUM	**RN1040**	5000452031, 5010587071	360	194	228	242	275	8x21.5	2CB2T							RN/102/103/1	
Midliner S Series S08 - S160	1985	1990	F	DRUM	**RN1016**	5000203432, 5516015538, 5516017938, 5516019378, 5516031348, 6017938	325	134	207	201	245	6x20	2CS2T							SA/28/29/1	
			R	DRUM	**RN1017**	42003759, 42003760, 5000203433, 5010098116, 5516015449, 5516017939	325	155	207	222	245	6x20	2CS2T							SA/30/31/1	
Midliner S Series S100, S110			F	DRUM	**RN1020**	5000203430, 5516017936, 5516031597, 556017936	310	112	165	179	205	6x20	2CS2T								
			R	DRUM	**RN1021**	017937, 321745J, 5000203431, 5010098107, 5516017937, 5516031596	310	130	165	193	205	6x20	2CS2T							SA/26/27/1	
Midliner S Series S12, S13	1987	1991	F	DISC	**RN1008**	5000450158, 5000545242, 7423814357	354	30	128	82	151	10x12.3		WP668							
			R	DRUM	**RN1015**	5000447774	360	175	228	224	275	8x21.5	2CB2T							RN/102/103/1	
Midliner S Series S120 - S150	1983	1990	F	DRUM	**RN1016**	5000203432, 5516015538, 5516017938, 5516019378, 5516031348, 6017938	325	134	207	201	245	6x20	2CS2T							SA/28/29/1	
			F	DRUM	**RN1020**	5000203430, 5516017936, 5516031597, 556017936	310	112	165	179	205	6x20	2CS2T								
	1990	1995	F	DISC	**RN1008**	5000450158, 5000545242, 7423814357	354	30	128	82	151	10x12.3		WP1126		WL001					
	1995		F	DISC	**RN1031**	5010216931, 5010260101, 5600210508	304	30	250	134	205	6x21		WP1126		WL009					
	1983	1990	R	DRUM	**RN1017**	42003759, 42003760, 5000203433, 5010098116, 5516015449, 5516017939	325	155	207	222	245	6x20	2CS2T							SA/30/31/1	
			R	DRUM	**RN1021**	017937, 321745J, 5000203431, 5010098107, 5516017937, 5516031596	310	130	165	193	205	6x20	2CS2T							SA/26/27/1	
	1990	1995	R	DRUM	**RN1015**	5000447774	360	175	228	224	275	8x21.5	2CB2T							RN/102/103/1	
			R	DRUM	**RN1017**	42003759, 42003760, 5000203433, 5010098116, 5516015449, 5516017939	325	155	207	222	245	6x20	2CS2T							RN/106/1	
			R	DRUM	**RN1021**	017937, 321745J, 5000203431, 5010098107, 5516017937, 5516031596	310	130	165	193	205	6x20	2CS2T							RN/105/1 PSV	
	1995		R	DRUM	**RN1015**	5000447774	360	175	228	224	275	8x21.5	2CB2T							RN/102/103/1	
			R	DRUM	**RN1040**	5000452031, 5010587071	360	194	228	242	275	8x21.5	2CB2T							RN/102/103/1	
			R	DRUM	**RN1017**	42003759, 42003760, 5000203433, 5010098116, 5516015449, 5516017939	325	155	207	222	245	6x20	2CS2T							RN/106/1	
			R	DRUM	**RN1021**	017937, 321745J, 5000203431, 5010098107, 5516017937, 5516031596	310	130	165	193	205	6x20	2CS2T							RN/105/1 PSV	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Midliner S Series S160 - S210			F	DISC	**RN1032**	5010216932, 5010260102, 5010261002, 501026102	322	30	290	140	245	6x21		WP733		WL001					
			R	DRUM	**RN1015**	5000447774	360	175	228	224	275	8x21.5	2CB2T							RN/102/103/1	
			R	DRUM	**RN1040**	5000452031, 5010587071	360	194	228	242	275	8x21.5	2CB2T							RN/102/103/1	
			R	DRUM	**RN1017**	42003759, 42003760, 5000203433, 5010098116, 5516015449, 5516017939	325	155	207	222	245	6x20	2CS2T							RN/106/1	
			R	DRUM	**RN1021**	017937, 321745J, 5000203431, 5010098107, 5516017937, 5516031596	310	130	165	193	205	6x20	2CS2T							RN/105/1 PSV	
Midlum 17.5" Wheels - Wabco brakes	1999	2005	F	DISC	**RN1035**	13162028, 13C2505572BA, 5010422262, 5010525308	330	34	95	80	118	10x15	2T	WP1279		WL026		WA235			
	2006		F	DISC	**RN1061**	5010598303, 5015598318	330	34	95	80	118	10x15	2T	WP1279		WL026		WA235			
	1999	2005	R	DISC	**RN1036**	5010422263, 5600210495, 7421866443	330	34	194	137	245	6x21		WP1279		WL026		WA235			
	2006		R	DISC	**RN1060**	Renault 5010598304, Volvo 22069821	330	34	194	137	245	6x21		WP1279		WL026		WA235			
Midlum 19.5" Wheels - Meritor C-Lisa brakes	1999		F	DISC	**RN1034**	50102600218, 5010260218, 7423814356	380	45	117	85	144	10x15	2T	WP1136		WL020		WA214			
			F	DISC	**RN1038**	5010525014	375	45	117	99	144	10x15	2T	WP1136		WL020		WA214			
			R	DISC	**RN1037**	5010525015, 5010525362	375	45	222	166	275	8x22.5		WP1136		WL020		WA214			
			R	DISC	**RN1039**	5010525364	375	45	262	167	335	10x33		WP1136		WL020		WA214			
			R	DRUM	**RN1040**	5000452031, 5010587071	360	194	228	242	275	8x21.5	2CB2T							RN/102/103/1	
Midlum 19.5" Wheels - Wabco Maxx 19 brakes	2015		F	DISC	**RN1053**	20700509, 20931241, 5010598305	375	45	174	119	142	10x15	2T	WP1574		WL105					
			R	DISC	**RN1054**	20704423, 5010598306, 7482421131, 82421140	375	45	222	166	275	8x22.5		WP1574		WL105					
			R	DISC	**RN1062**	20704422, 5010598307	375	45	262.2	166.5	335	10x32.8		WP1574		WL105					
Midlum 19.5" Wheels - Wabco Pan19-1 plus brakes	2003		F	DISC	**RN1034**	50102600218, 5010260218, 7423814356	380	45	117	85	144	10x15	2T	WP1389		WL028	WL028	WA223			
			F	DISC	**RN1038**	5010525014	375	45	117	99	144	10x15	2T	WP1389		WL028	WL028	WA223			
			R	DISC	**RN1037**	5010525015, 5010525362	375	45	222	166	275	8x22.5		WP1389		WL028	WL028	WA223			
			R	DISC	**RN1039**	5010525364	375	45	262	167	335	10x33		WP1389		WL028	WL028	WA223			
			R	DRUM	**RN1040**	5000452031, 5010587071	360	194	228	242	275	8x21.5	2CB2T								
Midlum 19.5" Wheels - Wabco Pan19-2 brakes	1999	2003	F	DISC	**RN1034**	50102600218, 5010260218, 7423814356	380	45	117	85	144	10x15	2T	WP130		WL028	WL028	WA223			
			F	DISC	**RN1038**	5010525014	375	45	117	99	144	10x15	2T	WP130		WL028	WL028	WA223			
			R	DRUM	**RN1015**	5000447774	360	175	228	224	275	8x21.5	2CB2T								
			R	DRUM	**RN1040**	5000452031, 5010587071	360	194	228	242	275	8x21.5	2CB2T							RN/102/103/1	
		2003	R	DISC	**RN1037**	5010525015, 5010525362	375	45	222	166	275	8x22.5		WP130		WL028	WL028	WA223			
			R	DISC	**RN1039**	5010525364	375	45	262	167	335	10x33		WP130		WL028	WL028	WA223			
			R	DRUM	**RN1040**	5000452031, 5010587071	360	194	228	242	275	8x21.5	2CB2T							RN/102/103/1	
Midlum 19.5" Wheels DXi - Haldex DB19 brakes	2006		F	DISC	**RN1053**	20700509, 20931241, 5010598305	375	45	174	119	142	10x15	2T	WP119		WL082		WA247			
			R	DISC	**RN1054**	20704423, 5010598306, 7482421131, 82421140	375	45	222	166	275	8x22.5		WP119		WL082		WA247			
			R	DISC	**RN1062**	20704422, 5010598307	375	45	262.2	166.5	335	10x32.8		WP119		WL082		WA247			
Midlum 19.5" Wheels DXi - Meritor Elsa 225-1 brakes		2008	F	DISC	**RN1053**	20700509, 20931241, 5010598305	375	45	174	119	142	10x15	2T	WP173		WL117		WA251			
	2008		F	DISC	**VO1080**	20700508, 20764313, 20931249, 5010598308	410	45	131	93	165	10x17	2xM14	WP173		WL117		WA251			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	2006	2008	R	DISC	**RN1054**	20704423, 5010598306, 7482421131, 82421140	375	45	222	166	275	8x22.5		WP173		WL117		WA251			
	2008		R	DISC	**VO1081**	20763234, 5010598309	410	45	262	166	335	10x32.8		WP173		WL117		WA251			
Midlum 22.5" Wheels - Meritor D-Elsa 2 Brakes	1999	2006	F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1404	WP1404S2	WL028		WA208			
			F	DISC	**RN1041S**	- WINNARD SOLID VERSION, 35010422593, 500055596, 5001672150, 5006172150, 5010422363	434	45	131	97	165	10x17	2T	WP1404	WP1404S2	WL028		WA208			
			R	DISC	**RN1052**	5010525508	434	45	264	171	335	10x32.7		WP1404	WP1404S2	WL028		WA208			
Premium - With Meritor D-Elsa 2 caliper	2002		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1404	WP1404S2	WL028		WA208			
			F	DISC	**RN1063**	0002996353, 002996353, 2996353, 42552008, 5006172150, 5010216437	438	45	131	96.575	165	10x17	2T	WP1404	WP1404S2	WL028		WA208			
			F	DISC	**RN1041S**	- WINNARD SOLID VERSION, 35010422593, 500055596, 5001672150, 5006172150, 5010422363	434	45	131	97	165	10x17	2T	WP1404	WP1404S2	WL028		WA208			
			R	DISC	**MD1025**	- SOLID VERSION AVAILABLE MD1025S, 51508030041, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL028		WA208			
			R	DISC	**MD1025S**	- WINNARD SOLID VERSION, 81.50803.0021, 81.50803.0041, 81.50803.0047, 81.50803.3041, 81508030021	432	45	208	135	235	10xM16		WP1404	WP1404S2	WL028		WA208			
Premium - With Meritor D-Lisa caliper	1996	2002	F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1047	WP1047S2	WL013	WL013	WA213			
			F	DISC	**RN1041S**	- WINNARD SOLID VERSION, 35010422593, 500055596, 5001672150, 5006172150, 5010422363	434	45	131	97	165	10x17	2T	WP1047	WP1047S2	WL013	WL013	WA213			
			R	DRUM	**RN1004**	0000192371, 0000194435, 0000194456, 000194435, 194435, 5000737768	414	181	281	235	335	10x26.5	2CB2T							RN/101/1	
			R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
Premium - With Meritor D3 caliper			F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP760	WP760S2	WL013	WL013	WA208-1			
			F	DISC	**RN1041S**	- WINNARD SOLID VERSION, 35010422593, 500055596, 5001672150, 5006172150, 5010422363	434	45	131	97	165	10x17	2T	WP760	WP760S2	WL013	WL013	WA208-1			
			R	DRUM	**RN1004**	0000192371, 0000194435, 0000194456, 000194435, 194435, 5000737768	414	181	281	235	335	10x26.5	2CB2T							RN/101/1	
			R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
Premium DXi	2006		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			T	DISC	**VO1072**	- SOLID DISC F/KIT WA246 (KITTED DISC VO1072K), 3173047, 85103809	375	45	N/A	45	N/A	N/A		WP134		WL117		WA246			
			T	DISC	**VO1077**	20523409, 20523411, 5001867799, 7420523411, 7485110494, 85103805	375	45	181	45	n/a	n/a		WP134		WL117		WA246			
			T	DISC	**VO1078**	7420523383, 85103806	410	45	N/A	45	N/A	N/A		WP173		WL117		WA240			
			T	DISC	**VO1079**	085110495, 085111045, 20442374, 20515097, 5001667798, 5001867798	410	45	220	45	n/a	n/a		WP173		WL117		WA240			
Puncher	2004		F	DISC	**RN1063**	0002996353, 002996353, 2996353, 42552008, 5006172150, 5010216437	438	45	131	96.575	165	10x17	2T	WP1404	WP1404S2	WL028		WA208			
			R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
			R	DISC	**RN1063**	0002996353, 002996353, 2996353, 42552008, 5006172150, 5010216437	438	45	131	96.575	165	10x17	2T	WP1404	WP1404S2	WL028		WA208			
R Range R310 - R420	1984		F	DRUM	**RN1005**	189923, 5000737459	414	181	281	230	335	10x25	2CB2T							RN/100/1	
			F	DRUM	**RN1011**	5010135142, 5010136146	414	189	281	253	335	10x26.5	2CB2T							RN/101/1	
			F	DRUM	**RN1012**	5010136147	414	188	281	237	335	10x25.2	2CB2T							RN/101/1	
			F	DISC	**RN1013**	5000792539, 5010216548	440	44.5	131	100	165	10x17	2T	WP769		WL014					
			F	DRUM	**RN1014**	5010136148	414	188	281	232	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1004**	0000192371, 0000194435, 0000194456, 000194435, 194435, 5000737768	414	181	281	235	335	10x26.5	2CB2T							RN/101/1	
			R	DRUM	**RN1006**	5000716598	414	165	290	259	335	10x25	1CB2T							RN/101/1	
			R	DRUM	**RN1009**	5000792895, 5600104967	414	191	281	245	335	10x25	2CB2T							RN/101/1	
			T	DRUM	**RN1043**	5000816929	420	192	230	227	275	8x21								SJ/28/29/1	
T Range	2013		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			T	DISC	**VO1077**	20523409, 20523411, 5001867799, 7420523411, 7485110494, 85103805	375	45	181	45	n/a	n/a		WP134		WL117		WA246			
			T	DISC	**VO1079**	085110495, 085111045, 20442374, 20515097, 5001667798, 5001867798	410	45	220	45	n/a	n/a		WP173		WL117		WA240			
Trafic 1.9TDi, 2.0i	2000		F	DISC	**VA1006**	40206-00QAG, 40206-00QAH, 4020600QAE, 4020600QAF, 4408275, 4413734	305	28	72	50	118	5x15.5 1CS		WP1515							
			R	DISC	**VA1007**	40206-00QAC, 40206-00QAE, 43206-00QAB, 43206-00QAC, 43206-00QAD, 4408276	280	12	65	102.5	118	5xM14										

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Trafic III	2014		F	DISC	**RN1080**	4020600Q1C, 4422285, 6000619994, 8660003955, 93866700	296	28	68	44	114.3	5x15.7	2CS								
Renault PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
50 Series Minibus - S35, S46, S56	1987		F	DISC	**CD1024**	0038326000	298	15	94	73	118	6x13									
			R	DRUM	**CD1022**	73166269	308	110	160	153	205	6x19.5	2T							GG/219/220/1	
50 Series Minibus - S56, S66			F	DISC	**CD1020**	0038326200	300	27	94	62	118	6x13									
			R	DRUM	**CD1016**	3062314	308	113	171	152	205	6x19.5	2T							GG/219/220/1	
Agora - With Meritor D Elsa 2 caliper	2001		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1404	WP1404S2	WL028		WA208			
			F	DISC	**RN1041S**	- WINNARD SOLID VERSION, 35010422593, 500055596, 5001672150, 5006172150, 5010422363	434	45	131	97	165	10x17	2T	WP1404	WP1404S2	WL028		WA208			
			R	DISC	**VO1076**	0001986501, 05001849922, 0501316075, 20564467, 21062580, 500184992	434	45	203	130	235	10xM16		WP1404	WP1404S2	WL028		WA208			
Agora - With Meritor D-Lisa caliper	1995		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1047	WP1047S2	WL013	WL013	WA213			
			F	DISC	**RN1041S**	- WINNARD SOLID VERSION, 35010422593, 500055596, 5001672150, 5006172150, 5010422363	434	45	131	97	165	10x17	2T	WP1047	WP1047S2	WL013	WL013	WA213			
			R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
Agora - With Meritor D3 caliper			F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP760	WP760S2	WL013		WA208-1			
			F	DISC	**RN1041S**	- WINNARD SOLID VERSION, 35010422593, 500055596, 5001672150, 5006172150, 5010422363	434	45	131	97	165	10x17	2T	WP760	WP760S2	WL013		WA208-1			
			R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
Ares - With Meritor D-Lisa caliper			F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1047	WP1047S2	WL013	WL013	WA213			
			F	DISC	**RN1041S**	- WINNARD SOLID VERSION, 35010422593, 500055596, 5001672150, 5006172150, 5010422363	434	45	131	97	165	10x17	2T	WP1047	WP1047S2	WL013	WL013	WA213			
			R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
			R	DRUM	**KAR1001**	5801107998	420	190	285	261	335	10x23									
Ares - With Meritor D3 caliper			F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP760	WP760S2	WL013		WA208-1			
			F	DISC	**RN1041S**	- WINNARD SOLID VERSION, 35010422593, 500055596, 5001672150, 5006172150, 5010422363	434	45	131	97	165	10x17	2T	WP760	WP760S2	WL013		WA208-1			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
			R	DRUM	**KAR1001**	5801107998	420	190	285	261	335	10x23									
Axer			F		**TBA**	Part number to be advised															
			R	DRUM	**KAR1005**	3219L5914, 3219R4698C, 42540296, 5006013733	410	203	285	252.5	335	10x23									
FR1	1984	1993	F	DISC	**RN1026**	5000790539	400	42	175	90	197	12x12.3		WP753							
	1993		F	DISC	**RN1026**	5000790539	400	42	175	90	197	12x12.3		WP753							
	1984	1993	R	DRUM	**RN1001**	5000716288	414	197	290	245	335	10x25	2CB2T							RN/101/1	
	1993		R	DRUM	**RN1009**	5000792895, 5600104967	414	191	281	245	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
Illiade - With Meritor D-Elsa 2 caliper	2001	2002	F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1404	WP1404S2	WL028		WA208			
	2002		F	DISC	**RN1057**	28060020, 3218P1342, 3218P1498, 3218P1498X, 5001860184	434	45	210	138.5	240	12xM16		WP1404	WP1404S2	WL028		WA208			
	2001	2002	R	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1404	WP1404S2	WL028		WA208			
	2002		R	DISC	**RN1057**	28060020, 3218P1342, 3218P1498, 3218P1498X, 5001860184	434	45	210	138.5	240	12xM16		WP1404	WP1404S2	WL028		WA208			
Illiade - With Meritor D-Lisa caliper	1998		F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP1047	WP1047S2	WL013	WL013	WA213			
			F	DISC	**RN1041S**	- WINNARD SOLID VERSION, 35010422593, 500055596, 5001672150, 5006172150, 5010422363	434	45	131	97	165	10x17	2T	WP1047	WP1047S2	WL013	WL013	WA213			
			R	DRUM	**RN1009**	5000792895, 5600104967	414	191	281	245	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1010**	5010067788	414	191	281	256	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
Illiade - With Meritor D3 caliper			F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T	WP760	WP760S2	WL013		WA208-1			
			F	DISC	**RN1041S**	- WINNARD SOLID VERSION, 35010422593, 500055596, 5001672150, 5006172150, 5010422363	434	45	131	97	165	10x17	2T	WP760	WP760S2	WL013		WA208-1			
			R	DRUM	**RN1009**	5000792895, 5600104967	414	191	281	245	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1010**	5010067788	414	191	281	256	335	10x25	2CB2T							RN/101/1	
			R	DRUM	**RN1023**	5001019218, 5010098949, 5010989949	414	230	281	277	335	10x26	2CB2T							RN/104/1	WBSK0017
Midliner PP160	1992	1993	F	DISC	**RN1008**	5000450158, 5000545242, 7423814357	354	30	128	82	151	10x12.3		WP733		WL002					
			R	DRUM	**RN1015**	5000447774	360	175	228	224	275	8x21.5	2CB2T							RN/102/103/1	
Obrador	1997		F	DRUM	**RN1058**	5010216048	414	180	281	231	335	10x25.2								RN/101/1	
			R	DRUM	**RN1059**	5010224628	414	208	281	256.5	335	10x25.2									
PR100, PR124, PR14	1977		F	DRUM	**RN1003**	191128, 192377, 194128, 194226, 5000737342, 50097	414	160	281	206	335	10x25	2CB2T								

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**RN1033**	0000189380, 0000193793, 0000194431, 189380, 193793, 194431	414	159	281	222	335	10x25	2CB2T								
PR100/3	1992		F	DRUM	**RN1058**	5010216048	414	180	281	231	335	10x25.2								RN/101/1	
			R	DRUM	**RN1059**	5010224628	414	208	281	256.5	335	10x25.2									
PR112-118			F	DRUM	**RN1058**	5010216048	414	180	281	231	335	10x25.2								RN/101/1	
			R	DRUM	**RN1059**	5010224628	414	208	281	256.5	335	10x25.2									
PR180/3			F	DRUM	**RN1058**	5010216048	414	180	281	231	335	10x25.2								RN/101/1	
			R	DRUM	**RN1059**	5010224628	414	208	281	256.5	335	10x25.2									
R312	1989		F	DISC	**RN1027**	5010019249, 5010190865, 5010207431	350	30	145	73	165	16x13		WP624							
			R	DISC	**RN1027**	5010019249, 5010190865, 5010207431	350	30	145	73	165	16x13		WP624							
S35, S46, S56	1987		F	DISC	**CD1024**	0038326000	298	15	94	73	118	6x13									
			R	DRUM	**CD1022**	73166269	308	110	160	153	205	6x19.5	2T							GG/219/220/1	
S56, S66			F	DISC	**CD1020**	0038326200	300	27	94	62	118	6x13									
			R	DRUM	**CD1016**	3062314	308	113	171	152	205	6x19.5	2T							GG/219/220/1	
			R	DRUM	**CD1022**	73166269	308	110	160	153	205	6x19.5	2T							GG/219/220/1	
S75	1989		F	DRUM	**CD1028**	38172900	330	110	160	198	205	6x19.5	2T							LH/94/2	
			F	DRUM	**CD1029**	5430031835	330	141	160	194	205	6x19.5	2T							GG/194/1	
			R	DRUM	**CD1019**	5430030560	330	150	171	220	205	6x19.8	2T								
			R	DRUM	**CD1023**	3457600	330	150	160	219	205	6x19.5	2T								
Tracer	1991		F	DRUM	**RN1058**	5010216048	414	180	281	231	335	10x25.2								RN/101/1	
			R	DRUM	**RN1004**	0000192371, 0000194435, 0000194456, 000194435, 194435, 5000737768	414	181	281	235	335	10x26.5	2CB2T							RN/101/1	
SAF / Sauer							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
300 x 150 RSM9030/15	2000		T	DRUM	**SAU1049**	01064030200	300	170	190	208	225	10x23.5								SJ/24/25/1	
300 x 150 SNK3015	1985		T	DRUM	**SAU1046**	01064030000	300	176	190	230	225	10x23								SJ/24/25/1	
			T	DRUM	**SAU1052**	01064032800	300													SJ/24/25/1	
300 x 200 SKRZ 9030 / 11030	1995		T	DRUM	**SAU1024**	01064027300, 01064027310, 1064027300, 1064027310, 201064027300, KRONE 550002237	300	213	190	280	225	10x23						WA293		SJ/22/23/1	WBSK0033, WBSK0033/4
300 x 200 WRZ 8130 / 11030	1985	1993	T	DRUM	**SAU1008**	01064014900	300	210	190	280	225	10x21								SJ/22/23/1	
	1993		T	DRUM	**SAU1006**	01064019700, 1064019700	300	210	190	280	225	10x23								SJ/22/23/1	
			T	DRUM	**SAU1015**	01064023500	300	210	190	280	225	10x23	6T							SJ/22/23/1	
355 x 150	1985		T		**TBA**	Part number to be advised														LZ/4/5/1	
355 x 200 WRZM 8435 / 11035			T	DRUM	**SAU1007**	01064022300, 01064022310	355	207	190	279	225	10x23								SJ/26/27/1	
			T	DRUM	**SAU1012**	01064021800	355	213	230	279	275	8x23								SJ/26/27/1	
			T	DRUM	**SAU1014**	01064025200	355	207	190	279	225	10x23	6T							SJ/26/27/1	
367 x 150 SKRS 6537			T	DRUM	**SAU1047**	01064028600, 01064028601	367	160	240	195.25	275	8x23									
367 x 180 SKR 9037			T	DRUM	**SAU1021**	01064028000, 01064028001, 01064028011	367	187	240	225	275	8x23						WA285		SJ/32/33/1	WBSK0038
			T	DRUM	**SAU1029**	01064027400, 201064027400	367	210	300	225	335	10x23						WA285		SJ/32/33/1	WBSK0038
367 x 200 SKRZ 9037 / 11037			T	DRUM	**SAU1022**	01064027700, 01064027710	367	210	240	260	275	8x23						WA285		SJ/34/35/1	WBSK0037
			T	DRUM	**SAU1027**	01064027800, 1064027800	367	210	190	258	225	10x23						WA285		SJ/34/35/1	WBSK0037
419 x 152			T	DRUM	**SAU1009**	01064024200, 01064024201	419	170	290	198	335	10x23								IL/68/69/5, IL/68/69/6	
			T	DRUM	**SAU1032**	0106403611	419	170	290	198	335	10x23								IL/68/69/5, IL/68/69/6	

WINNARD			Position			X-Ref																
Model	From	To		Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
420 x 120 RSN 5542			T	DRUM	**SAU1048**	01064020300	420	120	230	182	275	8x21								BC/78/1	
420 x 180 RB 8442			T	DRUM	**SAU1025**	01064015100	420	192	230	227	275	8x21								BC/98/1	
420 x 180 RSM 6542 / RS 9042			T	DRUM	**SAU1003**	01064023600, 01064023601, 01064023602, Y011000447	420	191	290	227	335	10x23	4T							BC/98/1	
420 x 180 RSM 8442			T	DRUM	**SAU1001**	01064006002, 01064013000, ES0150, Y011000389	420	194	290	227	335	10x23								BC/98/1	
			T	DRUM	**SAU1004**	01064022000	420	191	290	227	335	10x23	5T							BC/98/1	
420 x 180 SKR 9042	1995		T	DRUM	**SAU1011**	201064026000, 201064026001, 201064026002, 201064026012, 210640260020, KRONE 550002230	420	190	300	227	335	10x23						WA285		SJ/28/29/1	WBSK0028
	2023		T	DRUM	**SAU1011NS**	-NEW SAF DESIGN WITH NO INTERNAL STEP TO STOP THE STUD FROM ROTATING, 201064026000, 201064026001, 201064026002, 201064026012, 210640260020	420	190	300	227	335	10x23						WA285		SJ/28/29/1	WBSK0028
420 x 200 KRZT 14242 - 16242	2008		T	DRUM	**SAU1051**	1064029400	420	218	290	245	335	6x21						WA285		SJ/30/31/1	WBSK0030
420 x 200 RLS 11242, RZ 8442, WRZ 6242	1985		T	DRUM	**SAU1002**	01064010801, 01064012800, 5000816371, ES0257, Y011000475	420	213	290	256	335	10x23								BC/97/1	
			T	DRUM	**SAU1005**	01064022100	420	213	290	256	335	10x23	5T							BC/97/1	
420 x 200 RS 9042			T	DRUM	**SAU1010**	1064026100, 1064026101	420	213	290	256	335	10x23	4T							BC/97/1	
420 x 200 SKRS 9042, SKRS 11242	1995		T	DRUM	**SAU1013**	01064027000, 01064027001, 01064027010, Y011002329, Y011002369	420	213	300	256	335	10x23						WA285		SJ/30/31/1	WBSK0030
420 x 200 SKRZ 14242	1985		T	DRUM	**SAU1043**	01064029200, 01064029210	420	225	290	287	335	10x23								BC/97/1	
420 x 200 WRZ 8442, WRZ 11242			T	DRUM	**SAU1028**	01064010901, 01064012600, ES0148, YO11000387, Y11387	420	212	290	304	335	10x23								BC/97/1	
Brake Discs - Australian axle - 377 x 45 - Knorr SB6000 Caliper	2005		T	DISC	**SAU1017**	KOGEL 6500512, KRONE 550003903, SAF 04079000400, SAF 04079000450, SAF 4079000400, SCHMITZ 016285	377	45		158	275	8x23		WP1329				WA231			
			T	DISC	**SAU1033**	04079001200, 04079001201	377	45	n/a	158	285.75	10x27.75		WP1329				WA231			
			T	DISC	**SAU1036**	04079001400, 04079001450	377	45	-	158	275	8x27.7		WP1329				WA231			
			T	DISC	**SAU1042**	04079001200, 04079001201	377	45	n/a	158	285.75	10x27.75		WP1329				WA231			
Brake Discs - Australian axle - 377 x 45 - Wabco Pan19-1 Caliper			T	DISC	**SAU1017**	KOGEL 6500512, KRONE 550003903, SAF 04079000400, SAF 04079000450, SAF 4079000400, SCHMITZ 016285	377	45		158	275	8x23		WP1389		WL073		WA223			
			T	DISC	**SAU1033**	04079001200, 04079001201	377	45	n/a	158	285.75	10x27.75		WP1389		WL073		WA223			
			T	DISC	**SAU1036**	04079001400, 04079001450	377	45	-	158	275	8x27.7		WP1389		WL073		WA223			
			T	DISC	**SAU1042**	04079001200, 04079001201	377	45	n/a	158	285.75	10x27.75		WP1389		WL073		WA223			
Brake Discs - B9 19 19.5" wheels - Knorr SK7000 Caliper	2009		T	DISC	**SAU1038**	1089903, KOGEL 6610116, SAF 04079001800, SAF 04079001801, SAF 04079001851, SCHMITZ 1118535	377	45	189	141	215	10xM14		WP132				WA230			
Brake Discs - B9 19 19.5" wheels - Wabco Pan19-1 Caliper			T	DISC	**SAU1038**	1089903, KOGEL 6610116, SAF 04079001800, SAF 04079001801, SAF 04079001851, SCHMITZ 1118535	377	45	189	141	215	10xM14		WP1389				WA223			
Brake Discs - B9 22 22.5" wheels - Haldex ModulT SBS2220			T	DISC	**SAU1039**	KOGEL 6607394, KRONE 550016521, SAF 04079001700, SAF 04079001701, SAF 04079001751, SAF 1784 079 0017 01	430	45	189	131.5	215	10xM14		WP1567		WL132		WA257	WA283		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Brake Discs - B9 22 22.5" wheels - Knorr SK7000 Caliper			T	DISC	**SAU1039**	KOGEL 6607394, KRONE 550016521, SAF 04079001700, SAF 04079001701, SAF 04079001751, SAF 1784 079 0017 01	430	45	189	131.5	215	10xM14		WP132				WA230			
Brake Discs - B9 22 22.5" wheels - Knorr ST7000 Caliper	2017		T	DISC	**SAU1039**	KOGEL 6607394, KRONE 550016521, SAF 04079001700, SAF 04079001701, SAF 04079001751, SAF 1784 079 0017 01	430	45	189	131.5	215	10xM14									
Brake Discs - B9 22 22.5" wheels - Wabco Pan22-1 Caliper	2009		T	DISC	**SAU1039**	KOGEL 6607394, KRONE 550016521, SAF 04079001700, SAF 04079001701, SAF 04079001751, SAF 1784 079 0017 01	430	45	189	131.5	215	10xM14		WP139		WL078		WA254	WA257		
Brake Discs - B9-19S 19.5" wheels - Haldex SBS1918HO OS	2015		T	DISC	**SAU1038**	1089903, KOGEL 6610116, SAF 04079001800, SAF 04079001801, SAF 04079001851, SCHMITZ 1118535	377	45	189	141	215	10xM14		WP1581				WA257			
Brake Discs - BI9 22 22.5" Wheels - Knorr ST7000 Caliper	2017		T	DISC	**SAU1031**	04.079.0013.00, 04.079.0013.01, 04.079.0013.02, 04.079.0013.03, 04.079.0013.53, 04079001300	430	45	164	48	190	10x13.5		WP1575		WL081	WL081				
Brake Discs - BI9-19S 19.5" wheels - Haldex SBS1918 HO OS	2015		T	DISC	**SAU1030**	04079001000, 04079001001, 04079001002, 04079001003, 04079001004, 04079001054	376	45	164	57.5	190	10x13.5		WP1581				WA253			
Brake Discs - BILL9-19S 19.5" wheels - Haldex SBS1918HO OS			T	DISC	**SAU1030**	04079001000, 04079001001, 04079001002, 04079001003, 04079001004, 04079001054	376	45	164	57.5	190	10x13.5		WP1581				WA253			
Brake Discs - BL9 22 22.5" wheels - Knorr SK7000 Caliper	2009		T	DISC	**SAU1039**	KOGEL 6607394, KRONE 550016521, SAF 04079001700, SAF 04079001701, SAF 04079001751, SAF 1784 079 0017 01	430	45	189	131.5	215	10xM14		WP132				WA230			
Brake Discs - CBX Series - Knorr SK7000 Caliper			T	DISC	**SAU1040**	03079001500, 03079001501, 03079001501Z, 03079001551, 04079001500, 04079001501	430	45	164.1	135	193	10xM14		WP132				WA230			
Brake Discs - SI 9 22 22.5			T	DISC	**SAU1040**	03079001500, 03079001501, 03079001501Z, 03079001551, 04079001500, 04079001501	430	45	164.1	135	193	10xM14		WP132				WA230			
Brake Discs - SI 9 22 22.5" wheels - Wabco Pan22-1 Caliper			T	DISC	**SAU1040**	03079001500, 03079001501, 03079001501Z, 03079001551, 04079001500, 04079001501	430	45	164.1	135	193	10xM14		WP139		WL078		WA254	WA257		
Brake Discs - SI 9-19S 19.5	2015		T	DISC	**SAU1041**	03079001600, 03079001601, 03079001651, 04079001600, 04079001601, 20.4.079.0016.00	377		164.1	145	193	10xM14		WP1581				WA257			
Brake Discs - SI11 19 19.5" wheels - Knorr SK7000 Caliper	2009		T	DISC	**SAU1041**	03079001600, 03079001601, 03079001651, 04079001600, 04079001601, 20.4.079.0016.00	377		164.1	145	193	10xM14		WP132				WA230			
Brake Discs - SI11 22 22.5" wheels - Knorr SK7000 Caliper			T	DISC	**SAU1040**	03079001500, 03079001501, 03079001501Z, 03079001551, 04079001500, 04079001501	430	45	164.1	135	193	10xM14		WP132				WA230			
	2018		T	DISC	**SAU1050**	03079002000, 03079002050, 1133601858, 3079002050, 7292723S	430	45	173	57.5	205	10x15		WP132				WA230			
Brake Discs - SI11 22 22.5" wheels - Wabco Pan22-1 Caliper	2009		T	DISC	**SAU1040**	03079001500, 03079001501, 03079001501Z, 03079001551, 04079001500, 04079001501	430	45	164.1	135	193	10xM14		WP139		WL078		WA254	WA257		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Brake Discs - SI12 22 22.5	2018		T	DISC	**SAU1050**	03079002000, 03079002050, 1133601858, 3079002050, 7292723S	430	45	173	57.5	205	10x15		WP988				WA230			
Brake Discs - SI19 19 19.5" wheels - Knorr SK7000 Caliper	2009		T	DISC	**SAU1041**	03079001600, 03079001601, 03079001651, 04079001600, 04079001601, 20.4.079.0016.00	377		164.1	145	193	10xM14		WP132				WA230			
Brake Discs - SI19 19 19.5" wheels - Wabco Pan19-1 Caliper			T	DISC	**SAU1041**	03079001600, 03079001601, 03079001651, 04079001600, 04079001601, 20.4.079.0016.00	377		164.1	145	193	10xM14		WP1389				WA223			
Brake Discs - SK RB 9019 19.5" Wheels - Knorr SB6000	1998		T	DISC	**SAU1023**	KOGEL 801926, SAF 04079000700, SAF 04079000701, SAF 04079000702, SAF 04079000703, SAF 04079000753	375	45	131	139.5	168	12x19	3 THREADED FOR HUB REMOVAL	WP1389				WA223			
			T	DISC	**SAU1023**	KOGEL 801926, SAF 04079000700, SAF 04079000701, SAF 04079000702, SAF 04079000703, SAF 04079000753	375	45	131	139.5	168	12x19	3 THREADED FOR HUB REMOVAL	WP1329				WA231			
Brake Discs - SK RB 9019 19.5" wheels - Knorr SN6000 Caliper	2003		T	DISC	**SAU1023**	KOGEL 801926, SAF 04079000700, SAF 04079000701, SAF 04079000702, SAF 04079000703, SAF 04079000753	375	45	131	139.5	168	12x19	3 THREADED FOR HUB REMOVAL	WP131		WL072		WA231	WA238		
Brake Discs - SK RB 9019 19.5" Wheels - Wabco Pan19-1 Caliper	1999		T	DISC	**SAU1023**	KOGEL 801926, SAF 04079000700, SAF 04079000701, SAF 04079000702, SAF 04079000703, SAF 04079000753	375	45	131	139.5	168	12x19	3 THREADED FOR HUB REMOVAL	WP1389		WL073		WA223	WA264		
Brake Discs - SK RB 9019 INTEGRAL 19.5" wheel - Knorr SN6000 Caliper	2004		T	DISC	**SAU1030**	04079001000, 04079001001, 04079001002, 04079001003, 04079001004, 04079001054	376	45	164	57.5	190	10x13.5		WP1329		WL072		WA231	WA238		
Brake Discs - SK RB 9019 INTEGRAL 19.5" wheels - Knorr SN6000 Caliper			T	DISC	**SAU1030**	04079001000, 04079001001, 04079001002, 04079001003, 04079001004, 04079001054	376	45	164	57.5	190	10x13.5		WP131		WL072		WA231	WA238		
Brake Discs - SK RB 9019 INTEGRAL 19.5" wheels - Wabco Pan 19-1 Caliper			T	DISC	**SAU1030**	04079001000, 04079001001, 04079001002, 04079001003, 04079001004, 04079001054	376	45	164	57.5	190	10x13.5		WP1389		WL073		WA223	WA253		
Brake Discs - SK RB 9019 INTEGRAL 19.5" wheels - Wabco Pan 19-1 Caliper			T	DISC	**SAU1030**	04079001000, 04079001001, 04079001002, 04079001003, 04079001004, 04079001054	376	45	164	57.5	190	10x13.5		WP1389		WL073		WA223	WA253		
Brake Discs - SK RB 9022 22.5" wheels - Haldex Caliper	1998		T	DISC	**SAU1018**	- SOLID VERSION AVAILABLE SAU1018S,, KOGEL 345553, KOGEL 6500481, KOGEL 801951, SAF 04.079.0005.00, SAF 04.079.0005.01	430	45	131	130	168	12x19	3T	WP1367		WL017		WA247			
			T	DISC	**SAU1018S**	- WINNARD SOLID VERSION, 015733, 017347, 04.079.0005.00, 04.079.0005.01, 04.079.0005.02	430	45	131	130	168	12x19	3T	WP1367		WL017		WA247			
Brake Discs - SK RB 9022 22.5" wheels - Knorr SB7000 Caliper			T	DISC	**SAU1018**	- SOLID VERSION AVAILABLE SAU1018S,, KOGEL 345553, KOGEL 6500481, KOGEL 801951, SAF 04.079.0005.00, SAF 04.079.0005.01	430	45	131	130	168	12x19	3T	WP988	WP988S2	WL076		WA230	WA231		
			T	DISC	**SAU1018S**	- WINNARD SOLID VERSION, 015733, 017347, 04.079.0005.00, 04.079.0005.01, 04.079.0005.02	430	45	131	130	168	12x19	3T	WP988	WP988S2	WL076		WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Brake Discs - SK RB 9022 22.5" wheels - Knorr SK7000 Caliper	2003		T	DISC	**SAU1018**	- SOLID VERSION AVAILABLE SAU1018S,, KOGEL 345553, KOGEL 6500481, KOGEL 801951, SAF 04.079.0005.00, SAF 04.079.0005.01	430	45	131	130	168	12x19	3T	WP132		WL072		WA230	WA231		
			T	DISC	**SAU1018S**	- WINNARD SOLID VERSION, 015733, 017347, 04.079.0005.00, 04.079.0005.01, 04.079.0005.02	430	45	131	130	168	12x19	3T	WP132		WL072		WA230	WA231		
Brake Discs - SK RB 9022 22.5" wheels - Wabco Pan22-1 Caliper	2004		T	DISC	**SAU1018**	- SOLID VERSION AVAILABLE SAU1018S,, KOGEL 345553, KOGEL 6500481, KOGEL 801951, SAF 04.079.0005.00, SAF 04.079.0005.01	430	45	131	130	168	12x19	3T	WP139		WL078		WA254	WA264		
			T	DISC	**SAU1018S**	- WINNARD SOLID VERSION, 015733, 017347, 04.079.0005.00, 04.079.0005.01, 04.079.0005.02	430	45	131	130	168	12x19	3T	WP139		WL078		WA254	WA264		
Brake Discs - SK RB 9022 INTEGRAL 22.5" wheels - Haldex ModuIT SBS2220	2009		T	DISC	**SAU1031**	04.079.0013.00, 04.079.0013.01, 04.079.0013.02, 04.079.0013.03, 04.079.0013.53, 04079001300	430	45	164	48	190	10x13.5		WP1567				WA253			
Brake Discs - SK RB 9022 INTEGRAL 22.5" wheels - Knorr SB7000 Caliper	2004		T	DISC	**SAU1031**	04.079.0013.00, 04.079.0013.01, 04.079.0013.02, 04.079.0013.03, 04.079.0013.53, 04079001300	430	45	164	48	190	10x13.5		WP988	WP988S2	WL072		WA230	WA253		
			T	DISC	**SAU1031S**	- SOLID VERSION, 04.079.0013.00, 04.079.0013.01, 04.079.0013.02, 04.079.0013.03, 04.079.0013.53	430	45	164	48	190	10x13.5		WP988		WL072		WA230	WA253		
Brake Discs - SK RB 9022 INTEGRAL 22.5" wheels - Knorr SK7000 Caliper			T	DISC	**SAU1031**	04.079.0013.00, 04.079.0013.01, 04.079.0013.02, 04.079.0013.03, 04.079.0013.53, 04079001300	430	45	164	48	190	10x13.5		WP132		WL072		WA230	WA253		
			T	DISC	**SAU1031S**	- SOLID VERSION, 04.079.0013.00, 04.079.0013.01, 04.079.0013.02, 04.079.0013.03, 04.079.0013.53	430	45	164	48	190	10x13.5		WP132		WL072		WA230	WA253		
Brake Discs - SK RB 9022 INTEGRAL 22.5" wheels - Wabco Pan22-1 Caliper			T	DISC	**SAU1031**	04.079.0013.00, 04.079.0013.01, 04.079.0013.02, 04.079.0013.03, 04.079.0013.53, 04079001300	430	45	164	48	190	10x13.5		WP139		WL078		WA253	WA254		
			T	DISC	**SAU1031S**	- SOLID VERSION, 04.079.0013.00, 04.079.0013.01, 04.079.0013.02, 04.079.0013.03, 04.079.0013.53	430	45	164	48	190	10x13.5		WP139		WL078		WA253	WA254		
Brake Discs - SK RS 9019 19.5" wheel - Knorr SB6000 Caliper	1998		T	DISC	**SAU1017**	KOGEL 6500512, KRONE 550003903, SAF 04079000400, SAF 04079000450, SAF 4079000400, SCHMITZ 016285	377	45		158	275	8x23		WP1329				WA231			
			T	DISC	**SAU1036**	04079001400, 04079001450	377	45	-	158	275	8x27.7		WP1329				WA231			
Brake Discs - SK RS 9019 19.5" wheel - Knorr SN6000 Caliper	2003		T	DISC	**SAU1017**	KOGEL 6500512, KRONE 550003903, SAF 04079000400, SAF 04079000450, SAF 4079000400, SCHMITZ 016285	377	45		158	275	8x23		WP131		WL072		WA230	WA231		
Brake Discs - SK RS 9019 19.5" wheel - Wabco Pan19-1 Caliper	1998		T	DISC	**SAU1017**	KOGEL 6500512, KRONE 550003903, SAF 04079000400, SAF 04079000450, SAF 4079000400, SCHMITZ 016285	377	45		158	275	8x23		WP1389		WL073		WA223			
Brake Discs - SK RS 9022 22.5" wheels - Haldex Caliper			T	DISC	**SAU1019**	KOGEL 800218, SAF 04079000300, SAF 04079000301, SAF 04079000350, SCHMITZ 1004657	430	45		160	335	10x23		WP1367		WL017		WA247			
Brake Discs - SK RS 9022 22.5" wheels - Knorr SB7000 Caliper			T	DISC	**SAU1019**	KOGEL 800218, SAF 04079000300, SAF 04079000301, SAF 04079000350, SCHMITZ 1004657	430	45		160	335	10x23		WP988	WP988S2	WL076		WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Brake Discs - SK RS 9022 22.5" wheels - Knorr SK7000 Caliper	2003		T	DISC	**SAU1019**	KOGEL 800218, SAF 04079000300, SAF 04079000301, SAF 04079000350, SCHMITZ 1004657	430	45		160	335	10x23		WP132		WL072		WA230	WA231		
Brake Discs - SK RS 9022 22.5" wheels - Knorr SN7000 Caliper			T	DISC	**SAU1019**	KOGEL 800218, SAF 04079000300, SAF 04079000301, SAF 04079000350, SCHMITZ 1004657	430	45		160	335	10x23		WP133		WL076		WA230	WA231		
Brake Discs - SK RS 9022 22.5" wheels - Wabco Pan22-1 Caliper	2004		T	DISC	**SAU1019**	KOGEL 800218, SAF 04079000300, SAF 04079000301, SAF 04079000350, SCHMITZ 1004657	430	45		160	335	10x23		WP139		WL078		WA254			
Brake Discs - SK RS 11019 19.5" wheels - Wabco Pan19-1 Caliper	1998		T	DISC	**SAU1017**	KOGEL 6500512, KRONE 550003903, SAF 04079000400, SAF 04079000450, SAF 4079000400, SCHMITZ 016285	377	45		158	275	8x23		WP1389		WL073		WA223			
Brake Discs - SK RS 11222 22.5" wheels - Knorr SB7000 Caliper			T	DISC	**SAU1019**	KOGEL 800218, SAF 04079000300, SAF 04079000301, SAF 04079000350, SCHMITZ 1004657	430	45		160	335	10x23		WP988	WP988S2	WL076		WA230	WA231		
Brake Discs - SK RS 11222 22.5" wheels - Knorr SK7000 Caliper	2003		T	DISC	**SAU1019**	KOGEL 800218, SAF 04079000300, SAF 04079000301, SAF 04079000350, SCHMITZ 1004657	430	45		160	335	10x23		WP132		WL072		WA230	WA231		
Brake Discs - SK RS 11222 22.5" wheels - Knorr SN7000 Caliper			T	DISC	**SAU1019**	KOGEL 800218, SAF 04079000300, SAF 04079000301, SAF 04079000350, SCHMITZ 1004657	430	45		160	335	10x23		WP133		WL076		WA230	WA231		
Brake Discs - SK RZ 9019 19.5" wheels - Knorr SB6000 Caliper	1998		T	DISC	**SAU1017**	KOGEL 6500512, KRONE 550003903, SAF 04079000400, SAF 04079000450, SAF 4079000400, SCHMITZ 016285	377	45		158	275	8x23		WP1329				WA231			
Brake Discs - SK RZ 9019 19.5" wheels - Knorr SN6000 Caliper	2003		T	DISC	**SAU1017**	KOGEL 6500512, KRONE 550003903, SAF 04079000400, SAF 04079000450, SAF 4079000400, SCHMITZ 016285	377	45		158	275	8x23		WP131		WL001		WA231	WA238		
Brake Discs - SK RZ 9022 22.5" wheels - Knorr SB7000 Caliper	1998		T	DISC	**SAU1019**	KOGEL 800218, SAF 04079000300, SAF 04079000301, SAF 04079000350, SCHMITZ 1004657	430	45		160	335	10x23		WP988	WP988S2			WA230			
Brake Discs - SK RZ 9022 22.5" wheels - Knorr SN7000 Caliper	2003		T	DISC	**SAU1019**	KOGEL 800218, SAF 04079000300, SAF 04079000301, SAF 04079000350, SCHMITZ 1004657	430	45		160	335	10x23		WP133		WL076		WA230	WA231		
Brake Discs - SK RZ 9022 22.5" wheels - Wabco Pan22-1 Caliper	2004		T	DISC	**SAU1019**	KOGEL 800218, SAF 04079000300, SAF 04079000301, SAF 04079000350, SCHMITZ 1004657	430	45		160	335	10x23		WP139		WL078		WA254			
Brake Discs - SK RZ 11019 19.5" wheels - Knorr SB6000 Caliper	1998		T	DISC	**SAU1017**	KOGEL 6500512, KRONE 550003903, SAF 04079000400, SAF 04079000450, SAF 4079000400, SCHMITZ 016285	377	45		158	275	8x23		WP1329				WA231			
Brake Discs - SK RZ 11019 19.5" wheels - Knorr SN6000 Caliper	2003		T	DISC	**SAU1017**	KOGEL 6500512, KRONE 550003903, SAF 04079000400, SAF 04079000450, SAF 4079000400, SCHMITZ 016285	377	45		158	275	8x23		WP131		WL072		WA231	WA238		
Brake Discs - SK RZ 11019 19.5" wheels - Wabco Pan19-1 Caliper	1998		T	DISC	**SAU1017**	KOGEL 6500512, KRONE 550003903, SAF 04079000400, SAF 04079000450, SAF 4079000400, SCHMITZ 016285	377	45		158	275	8x23		WP1389		WL073		WA223			
Brake Discs - SK RZ 11222 22.5" wheels - Knorr SB7000 Caliper			T	DISC	**SAU1019**	KOGEL 800218, SAF 04079000300, SAF 04079000301, SAF 04079000350, SCHMITZ 1004657	430	45		160	335	10x23		WP988	WP988S2			WA230			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Brake Discs - SK RZ 11222 22.5" wheels - Knorr SK7000 Caliper	2003		T	DISC	**SAU1019**	KOGEL 800218, SAF 04079000300, SAF 04079000301, SAF 04079000350, SCHMITZ 1004657	430	45		160	335	10x23		WP132		WL072		WA230	WA231		
Brake Discs - SK RZ 11222 22.5" wheels - Knorr SN7000 Caliper			T	DISC	**SAU1019**	KOGEL 800218, SAF 04079000300, SAF 04079000301, SAF 04079000350, SCHMITZ 1004657	430	45		160	335	10x23		WP133		WL076		WA230	WA231		
Brake Discs - SK RZ 11222 22.5" wheels - Wabco Pan22-1 Caliper	2004		T	DISC	**SAU1019**	KOGEL 800218, SAF 04079000300, SAF 04079000301, SAF 04079000350, SCHMITZ 1004657	430	45		160	335	10x23		WP139		WL078		WA254			
Brake Discs - ZI 9 22 22.5" wheels - Knorr SK7000 Caliper	2009		T	DISC	**SAU1040**	03079001500, 03079001501, 03079001501Z, 03079001551, 04079001500, 04079001501	430	45	164.1	135	193	10xM14		WP132				WA230			
Brake Discs - ZI 9 22 22.5" wheels - Wabco Pan22-1 Caliper	2007		T	DISC	**SAU1040**	03079001500, 03079001501, 03079001501Z, 03079001551, 04079001500, 04079001501	430	45	164.1	135	193	10xM14		WP139		WL078		WA254	WA257		
Brake Discs - ZI 9-19S 19.5" wheels - Heldex SBS1918HO OS	2015		T	DISC	**SAU1041**	03079001600, 03079001601, 03079001651, 04079001600, 04079001601, 20.4.079.0016.00	377		164.1	145	193	10xM14		WP1581				WA257			
Brake Discs - ZI11 19 19.5" wheels - Knorr SK7000 Caliper	2009		T	DISC	**SAU1041**	03079001600, 03079001601, 03079001651, 04079001600, 04079001601, 20.4.079.0016.00	377		164.1	145	193	10xM14		WP132				WA230			
Brake Discs - ZI11 22 22.5" wheels - Knorr SK7000 Caliper			T	DISC	**SAU1040**	03079001500, 03079001501, 03079001501Z, 03079001551, 04079001500, 04079001501	430	45	164.1	135	193	10xM14		WP132				WA230			
Brake Discs - ZI11 22 22.5" wheels - Wabco Pan 22-1 Caliper	2007		T	DISC	**SAU1040**	03079001500, 03079001501, 03079001501Z, 03079001551, 04079001500, 04079001501	430	45	164.1	135	193	10xM14		WP139		WL078		WA254	WA257		
Brake Discs - ZI12 22 22.5" wheels - Knorr SB7000 Caliper	2018		T	DISC	**SAU1050**	03079002000, 03079002050, 1133601858, 3079002050, 7292723S	430	45	173	57.5	205	10x15		WP988				WA230			
Brake Discs - ZI19 19 19.5" wheels - Knorr SK7000 Caliper	2009		T	DISC	**SAU1041**	03079001600, 03079001601, 03079001651, 04079001600, 04079001601, 20.4.079.0016.00	377		164.1	145	193	10xM14		WP132				WA230			
Brake Discs - ZI19 19 19.5" wheels - Wabco Pan19-1 Caliper			T	DISC	**SAU1041**	03079001600, 03079001601, 03079001651, 04079001600, 04079001601, 20.4.079.0016.00	377		164.1	145	193	10xM14		WP1389				WA223			
Brake Discs - ZIL11 22 22.5" wheels - Knorr SK7000 Caliper			T	DISC	**SAU1040**	03079001500, 03079001501, 03079001501Z, 03079001551, 04079001500, 04079001501	430	45	164.1	135	193	10xM14		WP132				WA230			
Brake Discs - ZIL9 19K 19.5" wheels - Knorr SN6000 Caliper			T	DISC	**SAU1041**	03079001600, 03079001601, 03079001651, 04079001600, 04079001601, 20.4.079.0016.00	377		164.1	145	193	10xM14		WP1329				WA238			
Brake Discs - ZIL9 22 22.5" wheels - Knorr SK7000 Caliper			T	DISC	**SAU1040**	03079001500, 03079001501, 03079001501Z, 03079001551, 04079001500, 04079001501	430	45	164.1	135	193	10xM14		WP132				WA230			
Samro Trailers							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Fontenax Axles	2000		T	DISC	**FON1001**	2100438	430	45	208	135	235	10xM16		WP988				WA230			
Scania							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
2 Series Models 82, 92, 112, 142	1981	1988	F	DRUM	**SC1009**	285901, 360564	413	138	295	221	335	10x23	2CS3T							SV/26/1	
			F	DRUM	**SC1010**	320392, 360568	413	189	295	247	335	10x23.5	2CS3T							SV/8/1	
			F	DRUM	**SC1011**	285894, 360570	413	186	295	263	335	10x23.5	2CS3T							SV/8/1	
			R	DRUM	**SC1006**	277308, 305406, 360572	413	211	295	296	335	10x23.5	2CS3T							SV/27/1	

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**SC1017**	00360573, 1385893, 1414435, 2109553, 2378716, 293543	413	266	295	321	335	10x23.5	2CS3T							SV/34/1	
			T	DRUM	**SC1009**	285901, 360564	413	138	295	221	335	10x23	2CS3T							SV/26/1	
			T	DRUM	**SC1019**	293544, 360567	413	125	295	253	335	10x23.5	2CS2T							SV/26/1	
			T	DRUM	**SC1019**	293544, 360567	413	125	295	253	335	10x23.5	2CS2T							SV/39/2	
			T	DRUM	**SC1027**	307503	412.75	183	280	201	320	6x16.5								SV/8/1	
3 Series Models 93, 113, 143	1989	1995	F	DRUM	**SC1015**	392390	413	189	295	253	335	10x23.5	2CS3T							SV/40/2	
			F	DRUM	**SC1016**	392391	413	190	295	263	335	10x23.5	2CS3T							SV/40/2	
			F	DRUM	**SC1018**	395976	413	138	295	227	335	10x23.5	2CS3T							SV/39/2	WBSK0041
			R	DRUM	**SC1006**	277308, 305406, 360572	413	211	295	296	335	10x23.5	2CS3T							SV/41/2	
			R	DRUM	**SC1017**	00360573, 1385893, 1414435, 2109553, 2378716, 293543	413	266	295	321	335	10x23.5	2CS3T							SV/42/2	
			T	DRUM	**SC1009**	285901, 360564	413	138	295	221	335	10x23	2CS3T							SV/39/2	
			T	DRUM	**SC1019**	293544, 360567	413	125	295	253	335	10x23.5	2CS2T							SV/39/2	
			T	DRUM	**SC1027**	307503	412.75	183	280	201	320	6x16.5								SV/8/1	
4 Series Models 94, 124, 144	1996		F	DRUM	**SC1021**	1361331, 1414153, 2109552, 2378715, 324878, 360571	413	210	295	274	335	10x23.5	2CB3T (As from 01/01/2019 the threaded holes to remove the drum from the hub are offset)					WA291		SV/41/2	WBSK0043
			F	DRUM	**SC1022**	1334075, 1414152	413	187	295	263	335	10x23.5	2CB3T					WA291		SV/40/2	WBSK0042
			R	DRUM	**SC1017**	00360573, 1385893, 1414435, 2109553, 2378716, 293543	413	266	295	321	335	10x23.5	2CS3T					WA291		SV/42/2	WBSK0044
			R	DRUM	**SC1021**	1361331, 1414153, 2109552, 2378715, 324878, 360571	413	210	295	274	335	10x23.5	2CB3T (As from 01/01/2019 the threaded holes to remove the drum from the hub are offset)					WA291		SV/41/2	WBSK0043
			R	DRUM	**SC1021**	1361331, 1414153, 2109552, 2378715, 324878, 360571	413	210	295	274	335	10x23.5	2CB3T (As from 01/01/2019 the threaded holes to remove the drum from the hub are offset)					WA291		SV/41/2	WBSK0043
4 Series Models 94, 124, 144 - Brake Discs - Haldex caliper			F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP1367		WL017	WL017	WA247			
			F	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP1367		WL017	WL017	WA247			
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP1367		WL017	WL017	WA247			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP1367		WL017	WL017	WA247			
			R	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP1367		WL017	WL017	WA247			
			R	DISC	**BO1002S**	- WINNARD SOLID VERSION, 0.8213.5830, 000 420 02 72, 0004200172, 0004200272, 0004210312	430	45	203	131	235	10xM16		WP1367		WL017	WL017	WA247			
			T	DISC	**MNE1077**	A6754210112, A6864210012, A9754210012, A9754210112, A9754210212, A9754210512	377	45	106	134	138	14x14.5		WP1329				WA231			
			T	DISC	**DA1057**	1703801, 1703805, 2612678, R1800079	330	34	95	113	120	10x14.75		WP1279		WL023		WA235	WA261		
4 Series Models 94, 124, 144 - Brake Discs - Knorr caliper			F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			F	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL018	WL018				
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL018	WL018	WA231			
			R	DISC	**BO1002S**	- WINNARD SOLID VERSION, 0.8213.5830, 000 420 02 72, 0004200172, 0004200272, 0004210312	430	45	203	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
			T	DISC	**GN1004**	61247A, 7978731901, Z002017	377	45	169	139	196	8xM14		WP1329				WA231			
			T	DISC	**MNE1077**	A6754210112, A6864210012, A9754210012, A9754210112, A9754210212, A9754210512	377	45	106	134	138	14x14.5		WP1329				WA231			
			T	DISC	**DA1057**	1703801, 1703805, 2612678, R1800079	330	34	95	113	120	10x14.75		WP1279		WL023		WA235	WA261		
4 Series Models 94, 124, 144 - Brake Discs - Knorr SN7 HP caliper	2018		F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP1576	WP1576S2	WL063		WA265	WA269		
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP1576	WP1576S2	WL063		WA265	WA269		
			T	DISC	**DA1057**	1703801, 1703805, 2612678, R1800079	330	34	95	113	120	10x14.75		WP1279		WL023		WA235	WA261		
New Scania Models - Brake Discs Meritor Caliper	2016		F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP1579							
			F	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP1579							

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP1579								
			R	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP1579								
			T	DISC	**DA1057**	1703801, 1703805, 2612678, R1800079	330	34	95	113	120	10x14.75		WP1279		WL023		WA235	WA261		
Scania PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
2 Series 82, 92, 112, 142	1983	1988	F	DRUM	**SC1011**	285894, 360570	413	186	295	263	335	10x23.5	2CS3T							SV/8/1	
			F	DRUM	**SC1020**	285895, 360569	413	186	295	252	335	10x23.5	3T							SV/8/1	
			R	DRUM	**SC1017**	00360573, 1385893, 1414435, 2109553, 2378716, 293543	413	266	295	321	335	10x23.5	2CS3T							SV/34/1	
3 Series 93, 113, 143			F	DRUM	**SC1011**	285894, 360570	413	186	295	263	335	10x23.5	2CS3T							SV/8/1	
			F	DRUM	**SC1020**	285895, 360569	413	186	295	252	335	10x23.5	3T							SV/8/1	
	1988		F	DRUM	**SC1015**	392390	413	189	295	253	335	10x23.5	2CS3T							SV/40/2	
			F	DRUM	**SC1016**	392391	413	190	295	263	335	10x23.5	2CS3T							SV/40/2	
	1983	1988	R	DRUM	**SC1017**	00360573, 1385893, 1414435, 2109553, 2378716, 293543	413	266	295	321	335	10x23.5	2CS3T							SV/34/1	
	1988		R	DRUM	**SC1017**	00360573, 1385893, 1414435, 2109553, 2378716, 293543	413	266	295	321	335	10x23.5	2CS3T							SV/42/2	
4 Series N94, N114, N124 - Disc Brakes - Haldex Caliper	1996		F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP1367		WL017	WL017	WA247			
			F	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP1367		WL018	WL018	WA247			
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP1367		WL017	WL017	WA247			
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP1367		WL017	WL017	WA247			
			R	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP1367		WL018	WL018	WA247			
			R	DISC	**BO1002S**	- WINNARD SOLID VERSION, 0.8213.5830, 000 420 02 72, 0004200172, 0004200272, 0004210312	430	45	203	131	235	10xM16		WP1367		WL018	WL018	WA247			
4 Series N94, N114, N124 - Disc Brakes - Knorr Caliper		2015	F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			F	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
			R	DISC	**BO1002S**	- WINNARD SOLID VERSION, 0.8213.5830, 000 420 02 72, 0004200172, 0004200272, 0004210312	430	45	203	131	235	10xM16		WP988	WP988S2	WL018	WL018	WA230	WA231		
4 Series N94, N114, N124 - Drum Brakes			F	DRUM	**SC1021**	1361331, 1414153, 2109552, 2378715, 324878, 360571	413	210	295	274	335	10x23.5	2CB3T (As from 01/01/2019 the threaded holes to remove the drum from the hub are offset)					WA291		SV/41/2	WBSK0043
			F	DRUM	**SC1022**	1334075, 1414152	413	187	295	263	335	10x23.5	2CB3T					WA291		SV/40/2	WBSK0042
			R	DRUM	**SC1021**	1361331, 1414153, 2109552, 2378715, 324878, 360571	413	210	295	274	335	10x23.5	2CB3T (As from 01/01/2019 the threaded holes to remove the drum from the hub are offset)					WA291		SV/41/2	WBSK0043
New Scania Models - Brake Discs SN7 HP Caliper	2016		F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP1576	WP1576S2	WL063		WA265	WA269		
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP1576	WP1576S2	WL063		WA265	WA269		
OmniCity, OmniDecker, OmniLink, OmniTown - Knorr caliper	1996		F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			F	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017				
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA231			
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**SC1023S**	- WINNARD SOLID VERSION, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
			R	DISC	**BO1002S**	- WINNARD SOLID VERSION, 0.8213.5830, 000 420 02 72, 0004200172, 0004200272, 0004210312	430	45	203	131	235	10xM16		WP988	WP988S2	WL017	WL017	WA230	WA231		
Schmitz							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Monocar 201, 220, M230	1995		F	DISC	**RN1027**	5010019249, 5010190865, 5010207431	350	30	145	73	165	16x13		WP624							

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
With Knorr SB6000 Caliper 19.5" Wheel	1998		T	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1329				WA231			
With Knorr SB7000 Caliper 22.5 Wheel			T	DISC	**LEC1002**	120015000005, 4598006032, 9424211312	430	45	131	140	168	12x19	3xM12	WP988	WP988S2			WA230			
			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			T	DISC	**SCH1001**	017870, 1160124, 1176816, 1248264, KRONE 550025949	430	45	290	168.5	335	10x22.5		WP988	WP988S2			WA230			
With Knorr SK7000 Caliper 22.5 Wheel			T	DISC	**SCH1001**	017870, 1160124, 1176816, 1248264, KRONE 550025949	430	45	290	168.5	335	10x22.5		WP132				WA231			
	2003		T	DISC	**SAU1018**	- SOLID VERSION AVAILABLE SAU1018S,, KOGEL 345553, KOGEL 6500481, KOGEL 801951, SAF 04.079.0005.00, SAF 04.079.0005.01	430	45	131	130	168	12x19	3T	WP132		WL072		WA231	WA238		
			T	DISC	**SAU1018S**	- WINNARD SOLID VERSION, 015733, 017347, 04.079.0005.00, 04.079.0005.01, 04.079.0005.02	430	45	131	130	168	12x19	3T	WP132		WL072		WA230	WA231		
With Knorr ST7 Caliper 22.5" Wheel	2017		T	DISC	**SCH1001**	017870, 1160124, 1176816, 1248264, KRONE 550025949	430	45	290	168.5	335	10x22.5		WP1575		WL081	WL081				
With Wabco PAN19-1 Caliper SCB9010 / H37S4 axle	2010		T	DISC	**SCH1002**	017888, 1088133, 2198101, KOGEL 550025950, KRONE 550025950	375	45	290	168.5	335	10x22.5		WP1389				WA223			
With Wabco PAN22-1 Caliper	2013		T	DISC	**SCH1001**	017870, 1160124, 1176816, 1248264, KRONE 550025949	430	45	290	168.5	335	10x22.5		WP139		WL078		WA254	WA294		
Seddon Atkinson							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
200 Series	1975	1982	F	DRUM	**SA1005**	19219	394	224	280	244	335	10x23	2CB2T							GG/92/1	
			R	DRUM	**SA1007**	100703/91, 214805	394	191	282	237	335	10x24	5CB3T							GG/92/1	
			R	DRUM	**SA1030**	15398, 34882	394	191	282	237	335	10x32	5CB3T							GG/92/1	
201 Series	1982	1986	F	DRUM	**SA1018**	66827S1	394	200	284	242	335	10x23	2CB2T							GG/92/1	
			R	DRUM	**SA1007**	100703/91, 214805	394	191	282	237	335	10x24	5CB3T							GG/92/1	
			R	DRUM	**SA1035**	3290586R1	394	214	282.575	265	335	10x26.5								GG/92/1	
211 Series			F	DRUM	**SA1018**	66827S1	394	200	284	242	335	10x23	2CB2T							GG/92/1	
			F	DRUM	**SA1034**	3346405R1	394	187	281	240	335	10x26	1CS1CB4T							GG/92/1	
	1986	1988	F	DRUM	**SA1023**	EN718181/1	410	167	282	221	335	10x24	3CB2T								
	1988	1992	F	DRUM	**SA1009**	65475S1	419	190	284	251	335	10x23	2CB2T							RW/5/6/4	
	1982		R	DRUM	**SA1027**	67053S1	394	232	284	285	335	10x23	2CB2T							GG/92/1	
			R	DRUM	**SA1039**	3297032R1	394	187	282	237	335	10x26.5	5CB3T							GG/92/1	
			R	DRUM	**SA1035**	3290586R1	394	214	282.575	265	335	10x26.5								GG/92/1	
			R	DRUM	**SA1035**	3290586R1	394	214	282.575	265	335	10x26.5								GG/142/1	
	1986	1988	R	DRUM	**SA1026**	EN718177	410	165	282	270	335	10x24	3CB2T								
	1988	1992	R	DRUM	**SA1009**	65475S1	419	190	284	251	335	10x23	2CB2T							RW/5/6/4	
300 Series - up to 1982	1979	1982	F	DRUM	**SA1005**	19219	394	224	280	244	335	10x23	2CB2T							GG/155/1 PSV	
			F		**TBA**	Part number to be advised															
			R	DRUM	**SA1007**	100703/91, 214805	394	191	282	237	335	10x24	5CB3T							GG/155/1 PSV	
			R	DRUM	**SA1008**	214806	394	219	282	267	335	10x24	5CB3T							GG/151/1 PSV	
			R	DRUM	**SA1011**	3288280R1	394	168	282	206	335	10x24	5CB3T								
			R	DRUM	**SA1012**	3288240R1	394	222	281	267	335	10x23.5	4T							GG/151/1 PSV	
			R	DRUM	**SA1036**	019753	394	219	282.575	267	335	10x32	5CB3T							GG/151/1 PSV	
			R	DRUM	**SA1030**	15398, 34882	394	191	282	237	335	10x32	5CB3T							GG/155/1 PSV	

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Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**SA1035**	3290586R1	394	214	282.575	265	335	10x26.5								GG/151/1 PSV	
300 Series - International axle	1982	1986	F	DRUM	**SA1009**	65475S1	419	190	284	251	335	10x23	2CB2T							RW/5/6/4	
			R	DRUM	**SA1009**	65475S1	419	190	284	251	335	10x23	2CB2T							RW/5/6/4	
			R	DRUM	**SA1016**	67497S1	419	192	284	284	335	10x24	2CB2T							RW/5/6/4	
300 Series - Meritor axle			F	DRUM	**SA1021**	3293233R1	419	196	281	252	335	10x26	1CS4T							RW/5/6/4	
			R	DRUM	**SA1028**	3294666R1, 3347805R1, L2050059	419	186	285	257	335	10x23.5	2CS2T							RW/5/6/4	
311 Series - Eaton rear axle	1986	1990	R	DRUM	**SA1040**	3293920R1	419	213	282	263	335	10x26	5CB3T							RW/1/2/5	
			R	DRUM	**SA1022**	3292367	419	219	282	270	335	10x26	5CB2T							RW/1/2/5	
311 Series - International axle		1993	F	DRUM	**SA1009**	65475S1	419	190	284	251	335	10x23	2CB2T							RW/5/6/4	
			R	DRUM	**SA1009**	65475S1	419	190	284	251	335	10x23	2CB2T							RW/5/6/4	
			R	DRUM	**SA1016**	67497S1	419	192	284	284	335	10x24	2CB2T							RW/5/6/4	
311 Series - Meritor axle			F	DRUM	**SA1021**	3293233R1	419	196	281	252	335	10x26	1CS4T							RW/5/6/4	
	1993		F	DRUM	**SA1021**	3293233R1	419	196	281	252	335	10x26	1CS4T							RW/5/6/4	
	1986	1993	R	DRUM	**SA1017**	3293245R1	419	211	281	272	335	10x23.5	4T							RW/1/2/5	
			R	DRUM	**SA1037**	3290204R1, 3317230R1	419	211	281	267	335	10x23.5	4T							RW/1/2/5	
			R	DRUM	**SA1046**	3347230R1	419	211	281	267	335	10x23.5	4T							RW/1/2/5	
	1993		R	DRUM	**SA1028**	3294666R1, 3347805R1, L2050059	419	186	285	257	335	10x23.5	2CS2T							RW/5/6/4	
311 Series - Spanish axle	1986	1988	F	DRUM	**SA1023**	EN718181/1	410	167	282	221	335	10x24	3CB2T								
			R	DRUM	**SA1024**	EN914309	410	205	282	246	335	10x24	3CB2T								
400 Series	1975	1983	F	DRUM	**SA1005**	19219	394	224	280	244	335	10x23	2CB2T							GG/155/1 PSV	
	1979		F	DRUM	**SA1005**	19219	394	224	280	244	335	10x23	2CB2T							GG/155/1 PSV	
	1975	1983	R	DRUM	**SA1007**	100703/91, 214805	394	191	282	237	335	10x24	5CB3T							GG/155/1 PSV	
			R	DRUM	**SA1008**	214806	394	219	282	267	335	10x24	5CB3T							GG/151/1 PSV	
			R	DRUM	**SA1012**	3288240R1	394	222	281	267	335	10x23.5	4T							GG/151/1 PSV	
			R	DRUM	**SA1020**	43692S1	394	178	290	252	335	10x29	2CB2T							GG/155/1 PSV	
			R	DRUM	**SA1036**	019753	394	219	282.575	267	335	10x32	5CB3T							GG/151/1 PSV	
			R	DRUM	**SA1030**	15398, 34882	394	191	282	237	335	10x32	5CB3T							GG/155/1 PSV	
			R	DRUM	**SA1035**	3290586R1	394	214	282.575	265	335	10x26.5								GG/151/1 PSV	
	1979		R	DRUM	**SA1013**	3288503R1, ABU7025	419	186	281	255	335	10x23.5	4T							RW/5/6/4	
401 Series	1980	1986	F	DRUM	**SA1009**	65475S1	419	190	284	251	335	10x23	2CB2T							RW/5/6/4	
	1982		F	DRUM	**SA1021**	3293233R1	419	196	281	252	335	10x26	1CS4T							RW/5/6/4	
	1980		R	DRUM	**SA1009**	65475S1	419	190	284	251	335	10x23	2CB2T							RW/5/6/4	
			R	DRUM	**SA1016**	67497S1	419	192	284	284	335	10x24	2CB2T							RW/5/6/4	
	1982		R	DRUM	**SA1028**	3294666R1, 3347805R1, L2050059	419	186	285	257	335	10x23.5	2CS2T							RW/5/6/4	
411 Series - Eaton Rear axle	1991		R	DRUM	**SA1040**	3293920R1	419	213	282	263	335	10x26	5CB3T							RW/1/2/5	
			R	DRUM	**SA1022**	3292367	419	219	282	270	335	10x26	5CB2T							RW/1/2/5	
411 Series - International axle	1986	1991	F	DRUM	**SA1009**	65475S1	419	190	284	251	335	10x23	2CB2T							RW/5/6/4	
			R	DRUM	**SA1009**	65475S1	419	190	284	251	335	10x23	2CB2T							RW/5/6/4	
411 Series - Meritor axle	1991		F	DRUM	**SA1041**	3349241R1	419	186	285	252	335	10x23.5	2CS2T							RW/5/6/4	
			R	DRUM	**SA1017**	3293245R1	419	211	281	272	335	10x23.5	4T							RW/1/2/5	
			R	DRUM	**SA1037**	3290204R1, 3317230R1	419	211	281	267	335	10x23.5	4T							RW/1/2/5	
411 Series - Spanish axle	1986	1988	F	DRUM	**SA1023**	EN718181/1	410	167	282	221	335	10x24	3CB2T								
			R	DRUM	**SA1024**	EN914309	410	205	282	246	335	10x24	3CB2T								
Pacer / Strato - With S cam brake	1988		F	DRUM	**SA1041**	3349241R1	419	186	285	252	335	10x23.5	2CS2T							RW/5/6/4	
			R	DRUM	**SA1017**	3293245R1	419	211	281	272	335	10x23.5	4T							RW/5/6/4	
			R	DRUM	**SA1044**	3351400R1, 3351566R1	419	188	285	245	335	10x23.5	2CS2T							RW/5/6/4	
			R	DRUM	**SA1028**	3294666R1, 3347805R1, L2050059	419	186	285	257	335	10x23.5	2CS2T							RW/5/6/4	
			R	DRUM	**SA1045**		335	215	222	270	275	8x23.5								YK/13/1	

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WINNARD			Position			X-Ref															
Model	**From**	**To**		**Type**	**Winnard**	**Cross Reference numbers and notes**	**Disc and Drum Dimensions**							**Standard**	**Stage 2**	**W/Lead**	**W/Lead***	**F/Kit**	**F/Kit***	**Lining**	**Lined Shoe Kit**
			R	DRUM	**SA1037**	3290204R1, 3317230R1	419	211	281	267	335	10x23.5	4T							RW/1/2/5	
Pacer / Strato - With Z cam brake			F	DRUM	**SA1021**	3293233R1	419	196	281	252	335	10x26	1CS4T							RW/5/6/4	
			F	DRUM	**SA1041**	3349241R1	419	186	285	252	335	10x23.5	2CS2T							RW/5/6/4	
			F		**TBA**	Part number to be advised														RW/1/2/5	
	1994		F	DRUM	**SA1031**	3295806R1, 3346514R1	410	220	281	266	335	10x26	1CS4T							VL/88/2	
			F	DRUM	**SA1031**	3295806R1, 3346514R1	410	220	281	266	335	10x26	1CS4T							VL/88/2	
			F	DRUM	**SA1031**	3295806R1, 3346514R1	410	220	281	266	335	10x26	1CS4T							VL/87/2	
	1988		R	DRUM	**SA1017**	3293245R1	419	211	281	272	335	10x23.5	4T							RW/1/2/5	
			R	DRUM	**SA1044**	3351400R1, 3351566R1	419	188	285	245	335	10x23.5	2CS2T							RW/5/6/4	
			R	DRUM	**SA1028**	3294666R1, 3347805R1, L2050059	419	186	285	257	335	10x23.5	2CS2T							RW/5/6/4	
			R	DRUM	**SA1037**	3290204R1, 3317230R1	419	211	281	267	335	10x23.5	4T							RW/1/2/5	
Sinotruk							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Howo 380 6x2, 6x4	2009		F	DISC	**SIN1001**	WG9100443003	396	45	183	131	235	10xM16x1.5		WP1580							
			R	DISC	**SIN1001**	WG9100443003	396	45	183	131	235	10xM16x1.5		WP1580							
			R	DRUM	**SIN1002**	180717500770, 180717500770, AZ9761349001, AZ9761349001, WG9761349001, WG9761349001	410	236	282	285	335	10x23	2CS2T								
Howo A7	2011		F	DISC	**SIN1001**	WG9100443003	396	45	183	131	235	10xM16x1.5		WP1580							
			R	DISC	**SIN1001**	WG9100443003	396	45	183	131	235	10xM16x1.5		WP1580							
			R	DRUM	**SIN1002**	180717500770, 180717500770, AZ9761349001, AZ9761349001, WG9761349001, WG9761349001	410	236	282	285	335	10x23	2CS2T								
Sisu							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
410 Diameter Brake	2000		F	DRUM	**SI1002**	1463117400	410	188	290	255	335	10x26	3T								
			F	DRUM	**SI1005**	1463117100	410	188.5	285	231	335	10x26									
			R	DRUM	**SI1001**	1463117210, 5001212, 546-311-8200	410	226	285	268	335	10x25.5	2T								
			R	DRUM	**SI1003**	1463117200	410	241	285	283	335	10x25.5									
			R	DRUM	**SI1007**	1463117910	410	218.5	285	283	335	10x26	2 x M12								
			R	DRUM	**SI1008**	1463118111, 5463118111	410	202	285	270	335	10x26	2 x M12								
			T	DRUM	**SI1009**	146 311 7300	410	159.5	285	202	335	10x26	2T								
Disc Brakes	2012		F	DISC	**SI1006**	RVI 7422003989, SISU 548-311-1200, SISU 5483111200	433.85	44.9	140.17	96.7	168	12x17	2xM14	WP1404	WP1404S2			WA208			
Sitcar PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Beluga	2000		F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501				WA236			
			R	DISC	**MNE1081**	A6684230312, A6684230512	324	30	119	121	192	6xM12		WP501				WA236			
Gamma Sprinter Trend 519 CDi - MWB	2006		F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP200		WL065					
			R	DISC	**MNE1111**	2E0615601, A906 423 0112, A9064230112, A9064230112, A907 423 9700, A907.423.0100	303	28	120	93	145	6x15		WP201		WL065					
Gamma Sprinter Trend 519 CDi - SWB			F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP200		WL065					
			R	DISC	**MNE1110**	24.0116-0121.1, 24011601211, 2E0615601A, A9064200083 (OE NUMBER WITH PADS WP190), A9064230012, A9104230000	298	16	85	71	130	6x15	S/D 1CB	WP190		WL065					

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Gamma Sprinter Trend Eco Plus 519 CDi - MWB			F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP200		WL065					
			R	DISC	**MNE1111**	2E0615601, A906 423 0112, A9064230112, A9064230112, A907 423 9700, A907.423.0100	303	28	120	93	145	6x15		WP201		WL065					
Gamma Sprinter Trend Eco Plus 519 CDi - SWB			F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP200		WL065					
			R	DISC	**MNE1110**	24.0116-0121.1, 24011601211, 2E0615601A, A9064200083 (OE NUMBER WITH PADS WP190), A9064230012, A9104230000	298	16	85	71	130	6x15	S/D 1CB	WP190		WL065					
Gamma Sprinter Trend XL 519 CDi - LWB			F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP200		WL065					
			R	DISC	**MNE1111**	2E0615601, A906 423 0112, A9064230112, A9064230112, A907 423 9700, A907.423.0100	303	28	120	93	145	6x15		WP201		WL065					
Italo 65C			F	DISC	**IV1093**	02996122, 2996122, 501121723, 504121723, 5801718330	300	30	83	59	111	9x14.5		WP1126		WL022					
			R	DISC	**IV1095**	02996049, 07186848, 2996049, 46393184, 7186848	306	28	178	132	215	6xM10		WP233		WL074					
Marlin	2007		F	DISC	**MNE1075**	13C33-05572, 13C33-05572AA, 13C3305572AA, A0024204701 kit with pads WP1277, A638421011205, A6864200072 kit with pads WP1277	335	34	91.6	102.5	120	10x14.5		WP1277				WA238			
			R	DISC	**MNE1076**	A0024204801, A6864230112, A9704230312, A9704230412, A9704230612, A9704231012	335	34	145	111	177	8xM12		WP1277				WA238			
PSV	2000		F	DISC	**MNE1069**	6684210212, 6704210112, 6704210212, 6704210312, A6684210212, A6704210112	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			F	DISC	**MNE1113**	A670.421.0012, A6704210012	324	30	118	91	140	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1070**	A6684230112	324	30	157	121	192	6xM12		WP501		WL007		WA236			
			R	DISC	**MNE1081**	A6684230312, A6684230512	324	30	119	121	192	6xM12		WP501		WL007		WA236			
SMB							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
311 x 191	1985		T	DRUM	**RO1009**	1004254, 1021075, 21018963, 21023036, 21023038, 21209723	311	202	183	260	225	10x24.5	6T							RW/9/13/3	WBSK0015/4
311 x 203 SMB C3			T	DRUM	**CF1006**	AJA0650001, M006867, MO 06867, MO06867	311	215	178	300	225	10x26.5	2CB2T							FU/17/18/1	WBSK0031/4
360 x 200 SMB C5			T	DRUM	**CF1018**	0876875, 103845, 449289, AJB0903, AM009740S, CF103845	360	215	230	266	275	8x26.75	2CB2T							BC/120/121/1	
419 x 178 Propar PPS			T	DRUM	**CF1001**	1014079, A-JA0489-001, A-JA0489-002, AJA0489001, AJA0489002, AJA595001	419	189	288	271	335	10x26.6	2CBT							IL/66/67/3	
419 x 178 Propar PSL			T	DRUM	**CF1003**	1018444, 1022676, A3146800, AJB0026001, AJB0335001, CF100426	419	191	288	229	335	10x26.6	2CBT							FT/11/12/1	WBSK0005
419 x 178 SMB C2			T	DRUM	**CF1007**	449555, 449628, 7000097Y, AJB0465001, M006166, MO 06166	419	202	288	244	335	10x26.5	2CB2T							FT/11/12/1	
419 x 203			T	DRUM	**CF1002**	1001024	419	225	283	281	335	10x24								RW/1/2/3	
419 x 203 SMB C1			T	DRUM	**CF1008**	7000008S, 7000008S, 7000085S, 7000085S, AJB0465002, CF103034	419	214	288	256	335	10x26.5	2CB2T							FT/6/7/1	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
419 x 203 SMB L1			T	DRUM	**CF1017**	M0 685445X, M0068445, M068445, M0685445X, MO 685445X, MO685445X	419	212	280	237	335	10x26.5								FT/6/7/1	
420 x 200	1980		T	DRUM	**SAE1010**	09380011, 9380011	420	225	290	287	335	10x23								BC/97/1	
Brake Discs - Haldex Brakes DB22	1996		T	DISC	**SMB1002**	09852610, 13162025, 449445, 700000442, 7424990246, CF103696	430	45	280	155	335	10x26.5		WP1367				WA247			
Brake Discs - Knorr D1 axle			T	DISC	**SMB1002**	09852610, 13162025, 449445, 700000442, 7424990246, CF103696	430	45	280	155	335	10x26.5		WP988	WP988S2	WL076		WA230	WA231		
Brake Discs - Knorr H1 axle			T	DISC	**SMB1002**	09852610, 13162025, 449445, 700000442, 7424990246, CF103696	430	45	280	155	335	10x26.5		WP988	WP988S2	WL076		WA230	WA231		
Brake Discs - Knorr K1 axle			T	DISC	**SMB1002**	09852610, 13162025, 449445, 700000442, 7424990246, CF103696	430	45	280	155	335	10x26.5		WP988	WP988S2	WL076		WA230	WA231		
Brake Discs - Knorr K5 axle			T	DISC	**SMB1001**	70M078157, 79787319-01, 79787319/01, 79787412, KHITCH BC8433, M078157	377	45	169	138.5	196	8xM14		WP1329				WA231			
Brake Discs - Knorr SB6000			T	DISC	**SMB1001**	70M078157, 79787319-01, 79787319/01, 79787412, KHITCH BC8433, M078157	377	45	169	138.5	196	8xM14		WP1329				WA231			
Brake Discs - Pan19			T	DISC	**SMB1001**	70M078157, 79787319-01, 79787319/01, 79787412, KHITCH BC8433, M078157	377	45	169	138.5	196	8xM14		WP1389				WA223			
Brake Discs - Pan19-1			T	DISC	**SMB1001**	70M078157, 79787319-01, 79787319/01, 79787412, KHITCH BC8433, M078157	377	45	169	138.5	196	8xM14		WP1389				WA223			
Brake Discs - Pan19-1plus			T	DISC	**SMB1001**	70M078157, 79787319-01, 79787319/01, 79787412, KHITCH BC8433, M078157	377	45	169	138.5	196	8xM14		WP1389				WA223			
Brake Discs - Pan19-2			T	DISC	**SMB1001**	70M078157, 79787319-01, 79787319/01, 79787412, KHITCH BC8433, M078157	377	45	169	138.5	196	8xM14		WP129				WA229			
Brake Discs - Pan22			T	DISC	**SMB1002**	09852610, 13162025, 449445, 700000442, 7424990246, CF103696	430	45	280	155	335	10x26.5		WP1367				WA247			
Brake Discs - Pan22-1			T	DISC	**SMB1002**	09852610, 13162025, 449445, 700000442, 7424990246, CF103696	430	45	280	155	335	10x26.5		WP139				WA254			
Solaris PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Alpino	2007		F	DISC	**TBA DISC**	Part number to be advised								WP988	WP988S2			WA230			
			R	DISC	**TBA DISC**	Part number to be advised								WP988	WP988S2			WA230			
Alpino 8.9	2012		F	DISC	**SOL1001**	0820352698, 16H0005464AA, H68.218305	377	45	105.5	130.5	144	10x14.5		WP1329				WA231			
Citybus	1999		F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1389		WL029		WA223			
			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2	WL018		WA230	WA231		
			R	DISC	**DE1055**	- WITH CAST ABS TEETH, 13 162 047, 13162047, 6444987, 658622,99829710, WABCO CT808	375	45	169	138	196	8xM14		WP1389		WL029		WA223			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Urbino 8.9	2012		F	DISC	**SOL1001**	0820352698, 16H0005464AA, H68.218305	377	45	105.5	130.5	144	10x14.5		WP1329				WA231			
Vacanza	2002		F		**TBA**	Part number to be advised								WP988	WP988S2			WA230			
			R		**TBA**	Part number to be advised								WP988	WP988S2			WA230			
Soma Axle							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
381 x 175	2000		F	DRUM	**SO1004**	5001839117, E72012030	381	189	285	235.6	335	10x26.5								CW/4/2	
			R	DRUM	**SO1004**	5001839117, E72012030	381	189	285	235.6	335	10x26.5								CW/4/2	
410 x 200	1985		F	DRUM	**SO1001**	72011037	410	208	290	260	335	10x26	3CS3T								
			F	DRUM	**SO1003**	00103366, 103366, 18081185, 2530015669590, 38304702357, 5001014749	410	206	290	259	335	10x26									
			R	DRUM	**SO1001**	72011037	410	208	290	260	335	10x26	3CS3T								
			R	DRUM	**SO1003**	00103366, 103366, 18081185, 2530015669590, 38304702357, 5001014749	410	206	290	259	335	10x26									
SOR PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
City Bus - SOR BNG 12	1999		F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1389		WL029		WA223			
			R	DISC	**DE1055**	- WITH CAST ABS TEETH, 13 162 047, 13162047, 6444987, 658622,99829710, WABCO CT808	375	45	169	138	196	8xM14		WP1389		WL029		WA223			
City Bus - SOR NB 12 City			F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1389		WL029		WA223			
			R		**TBA**	Part number to be advised								WP988	WP988S2			WA230			
City Bus - SOR NB 18 City			F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1389		WL029		WA223			
			R		**TBA**	Part number to be advised								WP988	WP988S2			WA230			
			T		**TBA**	Part number to be advised								WP988	WP988S2			WA230			
City Bus - SOR NBG 12			F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1389		WL029		WA223			
			R		**TBA**	Part number to be advised								WP988	WP988S2			WA230			
Intercity Bus - SOR C 9.5, 10.5			F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329				WA231			
			R	DISC	**DE1055**	- WITH CAST ABS TEETH, 13 162 047, 13162047, 6444987, 658622,99829710, WABCO CT808	375	45	169	138	196	8xM14		WP1329				WA231			
Intercity Bus - SOR C 12			F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1389		WL029		WA223			
			R	DISC	**DE1055**	- WITH CAST ABS TEETH, 13 162 047, 13162047, 6444987, 658622,99829710, WABCO CT808	375	45	169	138	196	8xM14		WP1389		WL029		WA223			
Intercity Bus - SOR CG 12			F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1389		WL029		WA223			
			R	DISC	**DE1055**	- WITH CAST ABS TEETH, 13 162 047, 13162047, 6444987, 658622,99829710, WABCO CT808	375	45	169	138	196	8xM14		WP1389		WL029		WA223			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Intercity Bus - SOR CN 8.5			F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329				WA231			
			R	DISC	**DE1055**	- WITH CAST ABS TEETH, 13 162 047, 13162047, 6444987, 658622,99829710, WABCO CT808	375	45	169	138	196	8xM14		WP1329				WA231			
Intercity Bus - SOR CN 9.5, 10.5, 12			F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1389		WL029		WA223			
			R	DISC	**DE1055**	- WITH CAST ABS TEETH, 13 162 047, 13162047, 6444987, 658622,99829710, WABCO CT808	375	45	169	138	196	8xM14		WP1389		WL029		WA223			
Intercity Bus - SOR CN 13.5			F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329				WA231			
			R	DISC	**DE1055**	- WITH CAST ABS TEETH, 13 162 047, 13162047, 6444987, 658622,99829710, WABCO CT808	375	45	169	138	196	8xM14		WP1329				WA231			
Intercity Bus - SOR CNG 12			F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1389		WL029		WA223			
			R	DISC	**DE1055**	- WITH CAST ABS TEETH, 13 162 047, 13162047, 6444987, 658622,99829710, WABCO CT808	375	45	169	138	196	8xM14		WP1389		WL029		WA223			
Tourist Bus - SOR LH 9.5, 10.5			F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1329				WA231			
			R	DISC	**DE1055**	- WITH CAST ABS TEETH, 13 162 047, 13162047, 6444987, 658622,99829710, WABCO CT808	375	45	169	138	196	8xM14		WP1329				WA231			
Tourist Bus - SOR LH 12			F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1389		WL029		WA223			
Trolley Bus - SOR TN 12			F	DISC	**MD1015**	55710004012, 81.50803.0020, 81.50803.0027, 81.50803.0057, 81508030020, 81508030027	377	45	162	128	195	10xM14		WP1389		WL029		WA223			
			R	DISC	**DE1055**	- WITH CAST ABS TEETH, 13 162 047, 13162047, 6444987, 658622,99829710, WABCO CT808	375	45	169	138	196	8xM14		WP1389		WL029		WA223			
Spiering Crane							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
6 Axles - With 8 rivet fixing linings	1985		F	DRUM	**KE1007**	40012612, 81.1228.3H, 81.301.03, 813010.1, 81621.3, 9049107908	410	185	300	243	335	10x23	2CB4T							PB/40/1	
			F	DRUM	**KE1022**	812965.1	410	185	300 - Flange 21mm thick	307	335	10x22.8								PB/40/1	
			F	DRUM	**KE1026**	812965.2	410	187	300 - Flange 9 mm	295	335	10x23								PB/40/1	
			R	DRUM	**KE1007**	40012612, 81.1228.3H, 81.301.03, 813010.1, 81621.3, 9049107908	410	185	300	243	335	10x23	2CB4T							PB/40/1	
			R	DRUM	**KE1022**	812965.1	410	185	300 - Flange 21mm thick	307	335	10x22.8								PB/40/1	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**KE1026**	812965.2	410	187	300 - Flange 9 mm	295	335	10x23								PB/40/1	
6 Axles - With 10 rivet fixing linings			F	DRUM	**KE1007**	40012612, 81.1228.3H, 81.301.03, 813010.1, 81621.3, 9049107908	410	185	300	243	335	10x23	2CB4T							PB/40/2	
			F	DRUM	**KE1022**	812965.1	410	185	300 - Flange 21mm thick	307	335	10x22.8								PB/40/2	
			F	DRUM	**KE1026**	812965.2	410	187	300 - Flange 9 mm	295	335	10x23								PB/40/2	
			R	DRUM	**KE1007**	40012612, 81.1228.3H, 81.301.03, 813010.1, 81621.3, 9049107908	410	185	300	243	335	10x23	2CB4T							PB/40/2	
			R	DRUM	**KE1022**	812965.1	410	185	300 - Flange 21mm thick	307	335	10x22.8								PB/40/2	
			R	DRUM	**KE1026**	812965.2	410	187	300 - Flange 9 mm	295	335	10x23								PB/40/2	
Brake Discs - All models from 2010 with MAXXUS22 Caliper	2010		F	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP1584							
			R	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP1584							
Brake Discs - All models from 2010 wth PAN22-1 Caliper			F	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP139		WL078		WA254	WA275		
			R	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP139		WL078		WA254	WA275		
Steyr							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
12 M18 (4x4)	1986		F		**TBA**	Part number to be advised															
			R		**TBA**	Part number to be advised															
12 S, 13 S (4x2) - Steyr Brakes			F		**TBA**	Part number to be advised															
	1987		F	DRUM	**ST1002**	6920034007, 69200340070, MAS6920034, MAS69200340070	360	179	222	242	275	8x22	2CS							RW/26/1	
	1986		R		**TBA**	Part number to be advised															
	1987		R	DRUM	**ST1002**	6920034007, 69200340070, MAS6920034, MAS69200340070	360	179	222	242	275	8x22	2CS							RW/26/1	
1290 plus to 1490 plus	1985		F	DRUM	**ST1005**	99112440001	420	182	282	250	335	10x23.5	2CS2T								
			F	DRUM	**ST1006**	99112440002	420	180	282	250	335	10x30									
			R	DRUM	**ST1004**	85500014878, 9901234002, 99012340022, 9901234007, 9911234000, 99112340006	419	205	282	285	335	10x23.5									
			R	DRUM	**ST1007**	99112340013	420	204	282	285	335	10x30									
13 S (4x4)	1986		F		**TBA**	Part number to be advised															
			R		**TBA**	Part number to be advised															
14 S, 15 S, 16 S (4x2)			F	DRUM	**ST1002**	6920034007, 69200340070, MAS6920034, MAS69200340070	360	179	222	242	275	8x22	2CS							RW/26/1	
14 S, 15 S, 16 S, 17 S	1990		F	DRUM	**ST1010**	89200440704	394	216	281	254	335	10x26	1CS4T								
			R	DRUM	**MIS0343**															VL/88/2	
15 S (4x4), 16 S (4x4)			R	DRUM	**ST1002**	6920034007, 69200340070, MAS6920034, MAS69200340070	360	179	222	242	275	8x22	2CS							RW/26/1	
19 S 24 to 32 S 37	1986		F	DRUM	**ST1005**	99112440001	420	182	282	250	335	10x23.5	2CS2T								
			R	DRUM	**ST1014**		419	186	285	257	335	10x23.5	2CS2T								
792 - 4x2 ZIVIL			F		**TBA**	Part number to be advised															

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R		**TBA**	Part number to be advised															
792 - 4x4 MIL			F		**TBA**	Part number to be advised															
			R		**TBA**	Part number to be advised															
8 S, 9 S, 11 S Models - Girling Brakes		1989	F		**TBA**	Part number to be advised															
	1990		F	DRUM	**ST1008**	6900034006, 69000340067	325	150	178	217	225	8x22								GG/210/1	
	1986	1989	R		**TBA**	Part number to be advised															
	1990		R	DRUM	**ST1009**	6920034000, 69200340001	325	150	tba	tba	tba	tba								GG/210/1	
891	1985		F		**TBA**	Part number to be advised															
			R		**TBA**	Part number to be advised															
991, 1291, 1391, 1491	1980		F	DRUM	**ST1003**	8900034003, 89000340034	419	180	282	250	335	10x24									
			R	DRUM	**ST1004**	85500014878, 9901234002, 99012340022, 9901234007, 9911234000, 99112340006	419	205	282	285	335	10x23.5									
Steyr PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Costa/Optimo	1986	1991	F	DISC	**TO1001**	43512-36070, 4351236070	300	30	106	49	132	5x12.5		WP802							
			R		**TBA**	Part number to be advised															
K525.23, K550.25, KH252.23	1980		F		**TBA**	Part number to be advised															
			R		**TBA**	Part number to be advised															
S575.25, SH550.25			F		**TBA**	Part number to be advised															
			R		**TBA**	Part number to be advised															
SC6 F72 Citybus	1987		F		**TBA**	Part number to be advised															
			R	DRUM	**MNE1050**	6113560002, 6113560102, 6113560702, 6113560902	270	88	90	213	205	6x14								MB/80/81/1	
SL11, SS11, SG18	1985		F		**TBA**	Part number to be advised															
			R		**TBA**	Part number to be advised															
Tatra							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Phoenix Euro 6	2015		F	DRUM	**TAT1002**	2024110544, 90024, T000776	410	187	13	247	335	10x27	2CB4T								
			R	DRUM	**TAT1001**	2024110484, 629483, T000709	410	187	13	247	335	10x27	2CB4T								
Taxi							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Fairway Driver	2000		F	DISC	**TX1004**		277	24	95	41	116	6x10.5									
			R	DRUM	**TX1002**		254	82	130	108.5	170	6x18.5									
LTI TXI			F	DISC	**TX1004**		277	24	95	41	116	6x10.5									
			R	DRUM	**TX1002**		254	82	130	108.5	170	6x18.5									
LTI TXII			F	DISC	**TX1004**		277	24	95	41	116	6x10.5									
			R	DRUM	**TX1002**		254	82	130	108.5	170	6x18.5									
Metrocab			F	DISC	**TX1003**		284	14.3	84	40	105	5 x 11									
Zeuss			F	DISC	**TX1001**		291	12	84	49	127	5 x 12	2CS								
Tecma							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Tecma axle - Disc Brake 430mm Diameter			T	DISC	**MNE1112**	0004213212, 9432210312, 9434210312, 9434210412, 9434210512, A0004213212	430	45	131	144	168	10x21	2xM10								
Temsa							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Avenue	2005		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Diamond	2003		F	DISC	**TBA DISC**	Part number to be advised								WP760	WP760S2			WA208-1			
			R	DISC	**TBA DISC**	Part number to be advised								WP760	WP760S2			WA208-1			
HD12	2018		F	DISC	**TBA DISC**	Part number to be advised															
			R	DISC	**TBA DISC**	Part number to be advised															
HD13	2022		F	DISC	**TBA DISC**	Part number to be advised															
			R	DISC	**TBA DISC**	Part number to be advised															
MD9	2010		F	DISC	**TBA DISC**	Part number to be advised								WP1329				WA231			
			R	DISC	**TBA DISC**	Part number to be advised								WP1329				WA231			
Opalin	2007		F	DISC	**MD1026**	81.50803.0042, 81.50803.0053, 81508030042, 81508030053	335	34	90	93	122	10x15		WP1277				WA231			
			R	DISC	**MD1027**	81.50803.0043, 81.50803.0054, 81.50803.0062, 81.50803.0063, 81508030043, 81508030054	335	34	154	118	176	10xM14		WP1277				WA231			
Safari	2005		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
Tourmalin			F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
TS35	2012		F	DISC	**TBA DISC**	Part number to be advised															
			R	DISC	**TBA DISC**	Part number to be advised															
Terberg							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Container Handler - With 8 rivet fixing linings	1980		F	DRUM	**TER1001**	81.8214.1	500	192	385	240	425	24x23	2x13mm Counter Bored Holes, 4 x M14							PB/13/1	
			R	DRUM	**TER1001**	81.8214.1	500	192	385	240	425	24x23	2x13mm Counter Bored Holes, 4 x M14							PB/13/1	
Container Handler - With 10 rivet fixing linings			F	DRUM	**TER1001**	81.8214.1	500	192	385	240	425	24x23	2x13mm Counter Bored Holes, 4 x M14							PB/13/2	
			R	DRUM	**TER1001**	81.8214.1	500	192	385	240	425	24x23	2x13mm Counter Bored Holes, 4 x M14							PB/13/2	
Kessler axle - With 8 rivet fixing linings			F	DRUM	**KE1007**	40012612, 81.1228.3H, 81.301.03, 813010.1, 81621.3, 9049107908	410	185	300	243	335	10x23	2CB4T							PB/40/1	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			F	DRUM	**KE1022**	812965.1	410	185	300 - Flange 21mm thick	307	335	10x22.8								PB/40/1	
			F	DRUM	**KE1026**	812965.2	410	187	300 - Flange 9 mm	295	335	10x23								PB/40/1	
			R	DRUM	**KE1007**	40012612, 81.1228.3H, 81.301.03, 813010.1, 81621.3, 9049107908	410	185	300	243	335	10x23	2CB4T							PB/40/1	
			R	DRUM	**KE1022**	812965.1	410	185	300 - Flange 21mm thick	307	335	10x22.8								PB/40/1	
			R	DRUM	**KE1026**	812965.2	410	187	300 - Flange 9 mm	295	335	10x23								PB/40/1	
Kessler axle - With 10 rivet fixing linings			F	DRUM	**KE1007**	40012612, 81.1228.3H, 81.301.03, 813010.1, 81621.3, 9049107908	410	185	300	243	335	10x23	2CB4T							PB/40/2	
			F	DRUM	**KE1022**	812965.1	410	185	300 - Flange 21mm thick	307	335	10x22.8								PB/40/2	
			F	DRUM	**KE1026**	812965.2	410	187	300 - Flange 9 mm	295	335	10x23								PB/40/2	
			R	DRUM	**KE1007**	40012612, 81.1228.3H, 81.301.03, 813010.1, 81621.3, 9049107908	410	185	300	243	335	10x23	2CB4T							PB/40/2	
			R	DRUM	**KE1022**	812965.1	410	185	300 - Flange 21mm thick	307	335	10x22.8								PB/40/2	
			R	DRUM	**KE1026**	812965.2	410	187	300 - Flange 9 mm	295	335	10x23								PB/40/2	
Soma axle			F	DRUM	**SO1001**	72011037	410	208	290	260	335	10x26	3CS3T								
	1985		F	DRUM	**SO1003**	00103366, 103366, 18081185, 2530015669590, 38304702357, 5001014749	410	206	290	259	335	10x26									
	1980		R	DRUM	**SO1001**	72011037	410	208	290	260	335	10x26	3CS3T								
	1985		R	DRUM	**SO1003**	00103366, 103366, 18081185, 2530015669590, 38304702357, 5001014749	410	206	290	259	335	10x26									
Terex Mobile Cranes							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Brake Discs - All models from 2010	2010		F	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP139		WL078		WA254	WA275		
			R	DISC	**KE1028**	10294450, 10296028, 48274912-G, 514924, 6402509202, 6622500010	525	41	290.1	136.5	335	10xM20		WP139		WL078		WA254	WA275		
Thomas Built							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
School Bus	2004	2012	F	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
			R	DISC	**NAV1001**	2007173C1, 2007173C2, 2594595C1, 3531662C2	381	36.8	152	81.7	184.15	10x15									
Toyota							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Coaster	1993		F	DISC	**TO1003**	43512-36170, 4351236170	296	35	126	101.2	167	5xM14									
Dyna (XKU)	2006		F	DISC	**HI1006**	42431 37040, 42431-37040, 42431/37040, 4243137040	287	40	171	105	205	6xM14	4xM6 on the base of the disc	WP126							
			F	DISC	**HI1007**	43512 37120, 43512-37120, 43512/37120, 4351237120	287	40	144	101	185	6xM14		WP126							

WINNARD			Position			X-Ref															
Model	**From**	**To**		**Type**	**Winnard**	**Cross Reference numbers and notes**	**Disc and Drum Dimensions**							**Standard**	**Stage 2**	**W/Lead**	**W/Lead***	**F/Kit**	**F/Kit***	**Lining**	**Lined Shoe Kit**
			R	DISC	**HI1006**	42431 37040, 42431-37040, 42431/37040, 4243137040	287	40	171	105	205	6xM14	4xM6 on the base of the disc	WP126							
			R	DISC	**HI1007**	43512 37120, 43512-37120, 43512/37120, 4351237120	287	40	144	101	185	6xM14		WP126							
Dyna (XZU)	2000	2004	F	DISC	**TO1004**	43512-37090, 4351237090	296	35	126	90	167	5xM14									
Fork-Lift	2005		F	DRUM	**TO1002**	42431-33240-71	318	72	180	117	222	6x19.75									
Trailor							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
300 x 200	1985		T		**TBA**	Part number to be advised															
300 x 200 MS300 TEM			T	DRUM	**TR1012**	10696, 610696, 6501801W	300	215	185	278	225	10x23									
300 x 200 MS300 TM			T	DRUM	**TR1003**	12695A, 22695C, 6503335C	300	213	185	279	225	10x27								BC/106/107/1	
305 x 180			T		**TBA**	Part number to be advised															
			T		**TBA**	Part number to be advised															
			T		**TBA**	Part number to be advised															
			T		**TBA**	Part number to be advised															
			T		**TBA**	Part number to be advised															
419 x 178 L200			T	DRUM	**TR1013**	10666, 605163, 6498900W	419	190	290	260	335										
419 x 178 L200 MD			T	DRUM	**TR1004**	1064019100 , 27683X, 6503540J	419	185	230	210	275	8x21	5xM8							IL/66/67/3	
419 x 178 L200 TEM Double wheel			T	DRUM	**TR1005**	6502782Y, 6502797F	419	184	290	243	335	10x27	2CB							IL/66/67/3	
419 x 178 L200 TEM Single wheel			T	DRUM	**TR1001**	1064018500, 18324F, 5000244988, 6502781X, 6502796E, AFE0302-001	419	182	290	225	335	10x27	2CB2T							IL/66/67/3	
419 x 203 N400	1981		T	DRUM	**TR1011**	10099, 6094000L	419	215	290	240	335	6x21									
419 x 203 N400 TEM Twin	1985		T	DRUM	**TR1002**	18323E, 5000244987, 6502807M	419	210	290	266	335	10x27	2CB2T							RW/1/2/3	
419 x 203 SMB Axle			T	DRUM	**TR1008**	1064009600 , 6105000A	419	215	290	288	335	10x23								RW/1/2/3	
419 x 203 Tandem S32	1980		T	DRUM	**TR1010**	18322, 6502806, 6502806L	419	209.5	290	250	335	10x27	2CB2T								
Valmet							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Straddle Carriers	1985		F	DRUM	**MIS0655**	15000626, N5583570	504	192	280	218	335	10x26	2T 5 x 12								
			R	DRUM	**MIS0655**	15000626, N5583570	504	192	280	218	335	10x26	2T 5 x 12								
Valx							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
370 x 45 Disc Brake	2011		T	DISC	**VAL1002**	50390002-1, 662 195 613 4, 6621956134	375	45	300	187.5	335	10x22.6		WP1389		WL073		WA223			
420 x 180 Drum Brake	2015		T	DRUM	**VAL1003**	50590001, GIGANT 703011945 (DOUBLE CHECK DIMENSIONS), KRONE 550020256, N1008658	420	181	290	216	335	10x23.5									WBSK0055
430 x 45 Disc Brake	2011		T	DISC	**VAL1001**	50390001-2, 662 225 611 4, 662 225 613 4, 6622256114	430	45	300	187.5	335	10x22.6		WP139		WL078		WA254			
Van Hool PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
230	1980		F	DRUM	**MG1001**	02475817, 02475818, 04711888, 2475817, 2475818, 4711888	381	187	285	235	335	10x23	2CS2T								
			R	DRUM	**MG1005**	2479853, 2479854	381	187	285	272	335	10x23	2CST								
315UL	1991		F	DISC	**KA1006**	0501313313, 2069432001, 501313313, 6274210012, 8285390000, A6274210012	432	45	194	135	220	10xM16		WP760	WP760S2	WL010		WA208-1			
			R	DRUM	**KA1011**	315252011201, 315252012201	410	229	290	291	335	10x23									
A300	1992		F	DRUM	**VH1005**	137056 2, 137056-2, 137056/2, 148229, 603100420, 623100870	410	182	285	233	335	10x23	2CS2T							PB/29/30/1 PSV	
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**VH1003**	10538017, 10732673, 136132/2, 632502921, 675778553, 983927R, E983927	410	235	282	278	335	10x26	5CB3T							VL/88/2, VL/89/2	
A300 URBAIN	1996		F	DISC	**VH1002**	080162100, 351032, 52E908-472, 80612100, E908472	410	48	162	120	185	12xM16		WP594				WA201			
A330	1997	2004	F		**TBA**	Part number to be advised								WP760	WP760S2	WL013	WL013	WA208-1			
	2005		F		**TBA**	Part number to be advised								WP1404	WP1404S2	WL028		WA208			
	1997	2004	R		**TBA**	Part number to be advised								WP760	WP760S2	WL013	WL013	WA208-1			
	2005		R		**TBA**	Part number to be advised								WP1404	WP1404S2	WL028		WA208			
A420, A440	1996		F	DISC	**VH1002**	080162100, 351032, 52E908-472, 80612100, E908472	410	48	162	120	185	12xM16		WP594				WA201			
A500	1992		F	DRUM	**VH1005**	137056 2, 137056-2, 137056/2, 148229, 603100420, 623100870	410	182	285	233	335	10x23	2CS2T							PB/29/30/1 PSV	
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T							PB/18/19/1	
			R	DRUM	**VH1003**	10538017, 10732673, 136132/2, 632502921, 675778553, 983927R, E983927	410	235	282	278	335	10x26	5CB3T							VL/88/2, VL/89/2	
A500 URBAIN	1996		F	DISC	**VH1002**	080162100, 351032, 52E908-472, 80612100, E908472	410	48	162	120	185	12xM16		WP594							
A600 - DAF Chassis			F	DRUM	**DA1030**	0094905, 0595225, 0638167, 1233462, 284620, 638167	420	165	285	228	335	10x24	2CB2T							DF/44/45/1	
			R	DRUM	**DA1025**	0367072, 0595222	420	216	285	284	335	10x24	2CB2T							DF/30/31/1 PSV	
A600 - Scania Chassis - Disc brakes			F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2			WA231			
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2			WA231			
A600 - Scania Chassis - Drum brakes			F	DRUM	**SC1021**	1361331, 1414153, 2109552, 2378715, 324878, 360571	413	210	295	274	335	10x23.5	2CB3T (As from 01/01/2019 the threaded holes to remove the drum from the hub are offset)					WA291		SV/41/2	WBSK0043
			F	DRUM	**SC1022**	1334075, 1414152	413	187	295	263	335	10x23.5	2CB3T					WA291		SV/40/2	WBSK0042
			R	DRUM	**SC1021**	1361331, 1414153, 2109552, 2378715, 324878, 360571	413	210	295	274	335	10x23.5	2CB3T (As from 01/01/2019 the threaded holes to remove the drum from the hub are offset)					WA291		SV/41/2	WBSK0043
A600 - Volvo Chassis	1999	2006	F	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
			R	DRUM	**VO1018**	1134818, 1590313/1	394	265	282	314	335	10x28	2T							VL/81/82/1	
AG300	1997	2004	F		**TBA**	Part number to be advised								WP760	WP760S2	WL013	WL013	WA208-1			
	2005		F		**TBA**	Part number to be advised								WP1404	WP1404S2	WL028		WA208			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1997	2004	R		**TBA**	Part number to be advised								WP760	WP760S2	WL013	WL013	WA208-1			
	2005		R		**TBA**	Part number to be advised								WP1404	WP1404S2	WL028		WA208			
AG700	1992		F	DRUM	**VH1005**	137056 2, 137056-2, 137056/2, 148229, 603100420, 623100870	410	182	285	233	335	10x23	2CS2T							PB/29/30/1 PSV	
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DRUM	**VH1003**	10538017, 10732673, 136132/2, 632502921, 675778553, 983927R, E983927	410	235	282	278	335	10x26	5CB3T							VL/88/2, VL/89/2	
Astrobel 12m	1985	1995	F	DRUM	**VO1027**	1599010	410	205	282	274	335	10x28	2CS2T							VL/88/2	
	1996		F	DRUM	**VO1037**	1075307, 3171745	410	210	282	273	335	10x28	2CS2T							VL/88/2	
	2000		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	1985	1995	R	DRUM	**VO1025**	1599012	410	229	282	307	335	10x28	2CS2T							VL/89/2	WBSK0051
	1996		R	DRUM	**VO1038**	1075310, 20713928, 21094124, 21451968, 21508813, 3171748	410	229	282	306	335	10x28	4x18CS + 2x25mm + 2xM20							VL/89/2	WBSK0051
	2000		R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	1985	1995	T	DRUM	**VO1031**	1599014	410	159	282	236	335	10x28	2T							VL/86/1	
			T	DRUM	**VO1031**	1599014	410	159	282	236	335	10x28	2T							VL/85/1	
	1996		T	DRUM	**VO1044**	1075312	410	171	282	235	335	10x28	2CS2T							VL/85/1	
			T	DRUM	**VO1044**	1075312	410	171	282	235	335	10x28	2CS2T							VL/86/1	
C2045 USA	1997	2004	F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2	WL013	WL013	WA208-1			
	2005		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL028		WA208			
	1997	2004	R	DISC	**VH1007+**	- WITH KTL COATED BOLT ON MILLED STEEL ABS RING, VAN HOOL 10721062, 10977055, ZF 0501.316.075	434	45	194	135	220	10xM16		WP760	WP760S2	WL013	WL013	WA208-1			
			R	DISC	**VH1007**	- WITH CAST ABS TEETH, VAN HOOL 10977055, 10721062, ZF 0501.316.075	434	45	194	135	220	10xM16		WP760	WP760S2	WL013	WL013	WA208-1			
	2005		R	DISC	**VH1007+**	- WITH KTL COATED BOLT ON MILLED STEEL ABS RING, VAN HOOL 10721062, 10977055, ZF 0501.316.075	434	45	194	135	220	10xM16		WP1404	WP1404S2	WL028		WA208			
			R	DISC	**VH1007**	- WITH CAST ABS TEETH, VAN HOOL 10977055, 10721062, ZF 0501.316.075	434	45	194	135	220	10xM16		WP1404	WP1404S2	WL028		WA208			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1997	2004	T	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2	WL013	WL013	WA208-1			
	2005		T	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1404	WP1404S2	WL028		WA208			
EOS 80	1995		F	DISC	**VH1002**	080162100, 351032, 52E908-472, 80612100, E908472	410	48	162	120	185	12xM16		WP594				WA201			
EOS 90, 100, 200, 230, 233			F	DISC	**VH1002**	080162100, 351032, 52E908-472, 80612100, E908472	410	48	162	120	185	12xM16		WP1329				WA231			
			F	DISC	**VH1002**	080162100, 351032, 52E908-472, 80612100, E908472	410	48	162	120	185	12xM16		WP988	WP988S2			WA230			
			F	DISC	**VH1002**	080162100, 351032, 52E908-472, 80612100, E908472	410	48	162	120	185	12xM16		WP594				WA201			
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T							PB/18/19/1	
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T							PB/18/19/1	
EOS 90, 100, 200, 230, 233 - Scania Chassis	1996		F	DRUM	**SC1021**	1361331, 1414153, 2109552, 2378715, 324878, 360571	413	210	295	274	335	10x23.5	2CB3T (As from 01/01/2019 the threaded holes to remove the drum from the hub are offset)					WA291		SV/41/2	WBSK0043
			F	DRUM	**SC1022**	1334075, 1414152	413	187	295	263	335	10x23.5	2CB3T					WA291		SV/40/2	WBSK0042
			R	DRUM	**SC1021**	1361331, 1414153, 2109552, 2378715, 324878, 360571	413	210	295	274	335	10x23.5	2CB3T (As from 01/01/2019 the threaded holes to remove the drum from the hub are offset)					WA291		SV/41/2	WBSK0043
EOS 90, 100, 200, 230, 233 - Scania Chassis - Disc brakes - Knorr caliper			F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2			WA231			
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2			WA231			
EOS 200	1980		F	DISC	**KA1003**	179241111131, 1792411111310, 8284000209, 8285000235	406	48	194	175	215	10xM16		WP594				WA201			
			R	DISC	**KA1003**	179241111131, 1792411111310, 8284000209, 8285000235	406	48	194	175	215	10xM16		WP594				WA201			
T 8			F	DRUM	**MG1001**	02475817, 02475818, 04711888, 2475817, 2475818, 4711888	381	187	285	235	335	10x23	2CS2T							CW/4/2	
	1992		F	DRUM	**IV1035**	07161879, 603100320	410	206	285	255	335	10x23	2CS2T								
	1995		F	DRUM	**VH1004**	603100320	410	206	285	255	335	10x23	2CS2T								

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1996		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP760	WP760S2			WA208-1			
			F	DISC	**VH1007+**	- WITH KTL COATED BOLT ON MILLED STEEL ABS RING, VAN HOOL 10721062, 10977055, ZF 0501.316.075	434	45	194	135	220	10xM16		WP760	WP760S2			WA208-1			
			F	DISC	**VH1007**	- WITH CAST ABS TEETH, VAN HOOL 10977055, 10721062, ZF 0501.316.075	434	45	194	135	220	10xM16		WP760	WP760S2			WA208-1			
	1980		R	DRUM	**VH1001**	136146, 153646, 622500430, 622500440, 622500760, 632500160	419	219	282	270	335	10x26	5CB2T							AX/14/6	
	1992		R	DRUM	**IV1035**	07161879, 603100320	410	206	285	255	335	10x23	2CS2T								
	1995		R	DRUM	**VH1004**	603100320	410	206	285	255	335	10x23	2CS2T								
	1996		R	DRUM	**VH1001**	136146, 153646, 622500430, 622500440, 622500760, 632500160	419	219	282	270	335	10x26	5CB2T							AX/14/6	
			R	DISC	**VH1007+**	- WITH KTL COATED BOLT ON MILLED STEEL ABS RING, VAN HOOL 10721062, 10977055, ZF 0501.316.075	434	45	194	135	220	10xM16		WP760	WP760S2			WA208-1			
			R	DISC	**VH1007**	- WITH CAST ABS TEETH, VAN HOOL 10977055, 10721062, ZF 0501.316.075	434	45	194	135	220	10xM16		WP760	WP760S2			WA208-1			
T 9	1992	1996	F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2	WL013	WL013	WA208-1			
			F	DRUM	**VH1005**	137056 2, 137056-2, 137056/2, 148229, 603100420, 623100870	410	182	285	233	335	10x23	2CS2T							PB/29/30/1 PSV	
	1995		F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2			WA208-1			
			F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2			WA208-1			
	1996	2006	F	DISC	**VH1007+**	- WITH KTL COATED BOLT ON MILLED STEEL ABS RING, VAN HOOL 10721062, 10977055, ZF 0501.316.075	434	45	194	135	220	10xM16		WP760	WP760S2			WA208-1			
			F	DISC	**VH1007**	- WITH CAST ABS TEETH, VAN HOOL 10977055, 10721062, ZF 0501.316.075	434	45	194	135	220	10xM16		WP760	WP760S2			WA208-1			
	2006		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP988	WP988S2			WA231			
			F	DISC	**BO1002S**	- WINNARD SOLID VERSION, 0.8213.5830, 000 420 02 72, 0004200172, 0004200272, 0004210312	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1992	1996	R	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2	WL013	WL013	WA208-1			
			R	DRUM	**NE1002**	0004230701, 0044230701, 044 23 0701, 070350300, 199875, 33164098	410	233	282	275	335	10x23	2CB2T								
			R	DRUM	**VH1003**	10538017, 10732673, 136132/2, 632502921, 675778553, 983927R, E983927	410	235	282	278	335	10x26	5CB3T							VL/87/2, VL/88/2, VL/89/2	
	1995		R	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2			WA208-1			
			R	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2			WA208-1			
	1996	2006	R	DISC	**VH1007+**	- WITH KTL COATED BOLT ON MILLED STEEL ABS RING, VAN HOOL 10721062, 10977055, ZF 0501.316.075	434	45	194	135	220	10xM16		WP760	WP760S2			WA208-1			
			R	DISC	**VH1007**	- WITH CAST ABS TEETH, VAN HOOL 10977055, 10721062, ZF 0501.316.075	434	45	194	135	220	10xM16		WP760	WP760S2			WA208-1			
	2006		R	DISC	**DE1053+2**	- WITH KTL COATED BOLT ON STEEL ABS RING, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**DE1053**	- WITH CAST ABS TEETH, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
T 9 - DAF Chassis	2003		F	DISC	**DA1058**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5 (Torque Setting 20Nm)			WP988S2			WA230			
			R	DISC	**DA1058**	- ALSO AVAILABLE DA1058S SOLID & DA1059 WITH SPACERS, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT, 1691355	432	45	217	45	230	10x 8.5 (Torque Setting 20Nm)			WP988S2			WA230			
T 9 - Scania Chassis - Disc brake	1996		F	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2			WA231			
			R	DISC	**SC1023**	- SOLID VERSION AVAILABLE SC1023S, 1367735, 1386686, 1402272, 1852817, 1889543	430	45	208	131	237	10xM16		WP988	WP988S2			WA231			
T 9 - Scania Chassis - Drum brake			F	DRUM	**SC1021**	1361331, 1414153, 2109552, 2378715, 324878, 360571	413	210	295	274	335	10x23.5	2CB3T (As from 01/01/2019 the threaded holes to remove the drum from the hub are offset)					WA291		SV/41/2	WBSK0043
			F	DRUM	**SC1022**	1334075, 1414152	413	187	295	263	335	10x23.5	2CB3T					WA291		SV/40/2	WBSK0042

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**SC1021**	1361331, 1414153, 2109552, 2378715, 324878, 360571	413	210	295	274	335	10x23.5	2CB3T (As from 01/01/2019 the threaded holes to remove the drum from the hub are offset)					WA291		SV/41/2	WBSK0043
T 9 - Volvo Chassis - Disc brake	2000	2005	F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
	2000	2005	R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
T 9 - Volvo Chassis - Drum brake	1999	2006	F	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
			R	DRUM	**VO1018**	1134818, 1590313/1	394	265	282	314	335	10x28	2T							VL/81/82/1	
T 924, T927 Astromega	1992		F	DRUM	**VH1004**	603100320	410	206	285	255	335	10x23	2CS2T								
			R	DRUM	**VH1004**	603100320	410	206	285	255	335	10x23	2CS2T								
T2140, 2145 USA	1997	2004	F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2	WL013	WL013	WA208-1			
	2005		F	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP1404	WP1404S2	WL028		WA208			
			R		**TBA**	Part number to be advised								WP1404	WP1404S2	WL028		WA208			
	1997	2007	T	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP760	WP760S2	WL016		WA208-1			
	2005		T	DISC	**MD1005**	81.50803.0001, 81.50803.0009, 81.50803.0014, 81.50803.0015, 81508030001, 81508030009	438	45	200	135	235	10xM16		WP1404	WP1404S2	WL028		WA208			
TX Alicron	2016		F	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T		WP1576S2			WA265			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**DE1053**	- WITH CAST ABS TEETH, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**DE1053+2**	- WITH KTL COATED BOLT ON STEEL ABS RING, 102593, 1132978F, 1139278F, 657304-22, 657304/22	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			T	DISC	**MD1023**	- SOLID VERSION AVAILABLE MD1023S, 28050090, 6347297, 81.50803-0023, 81.50803-0038, 81.50803-0040	432	45	131	130	168	12x19	3T	WP1576	WP1576S2			WA265			
Vauxhall LCV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Combo	2001		F	DISC	**VA1005**	569000, 9196050, 93182591	260	24	60	41	100	6x14.5									
Movano X62	2011		F	DISC	**RN1069**	1421692, 432067943R, 4421180, 93168942, RENAULT 7485124209	301	18	120	51	140	8x10.8									
Movano 1.9, 2.2, 2.5, 2.8 - 15" Wheels	1998	2000	F	DISC	**VA1001**	09771710, 430149100, 4500098, 562105B, 562105J, 7700302128	280	24	79.5	61.5	110	6xM10		WP1292							
		2003	F	DISC	**VA1004**	09908010, 4020600QAD, 4403038, 4501421, 5001875373, 562190B	305.5	28	90	77.8	130	5x16	1CS	WP1292, WP1452							
	2001		F	DISC	**VA1001**	09771710, 430149100, 4500098, 562105B, 562105J, 7700302128	280	24	79.5	61.5	110	6xM10		WP1452							
			R	DISC	**VA1002**	08937110, 4320600QAA, 4403045, 7700314107, 9111045	305	12	90	67	130	5x15.75	1CS	WP1453							
Movano 1.9, 2.2, 2.5, 2.8 - 16" Wheels	1998	2000	F	DISC	**VA1001**	09771710, 430149100, 4500098, 562105B, 562105J, 7700302128	280	24	79.5	61.5	110	6xM10		WP1292							
			F	DISC	**VA1001**	09771710, 430149100, 4500098, 562105B, 562105J, 7700302128	280	24	79.5	61.5	110	6xM10		WP1292							
			F	DISC	**VA1001**	09771710, 430149100, 4500098, 562105B, 562105J, 7700302128	280	24	79.5	61.5	110	6xM10		WP1292							
			F	DISC	**VA1004**	09908010, 4020600QAD, 4403038, 4501421, 5001875373, 562190B	305.5	28	90	77.8	130	5x16	1CS	WP1452							
	2000	2002	F	DISC	**VA1001**	09771710, 430149100, 4500098, 562105B, 562105J, 7700302128	280	24	79.5	61.5	110	6xM10		WP1292							
	2001		F	DISC	**VA1004**	09908010, 4020600QAD, 4403038, 4501421, 5001875373, 562190B	305.5	28	90	77.8	130	5x16	1CS	WP1452							
			F	DISC	**VA1004**	09908010, 4020600QAD, 4403038, 4501421, 5001875373, 562190B	305.5	28	90	77.8	130	5x16	1CS	WP1452							
			F	DISC	**VA1004**	09908010, 4020600QAD, 4403038, 4501421, 5001875373, 562190B	305.5	28	90	77.8	130	5x16	1CS	WP1452							
			F	DISC	**VA1004**	09908010, 4020600QAD, 4403038, 4501421, 5001875373, 562190B	305.5	28	90	77.8	130	5x16	1CS	WP1452							
	2003		F	DISC	**VA1001**	09771710, 430149100, 4500098, 562105B, 562105J, 7700302128	280	24	79.5	61.5	110	6xM10		WP1452							
	2000	2002	R	DISC	**VA1002**	08937110, 4320600QAA, 4403045, 7700314107, 9111045	305	12	90	67	130	5x15.75	1CS	WP1453							
	2001		R	DISC	**VA1002**	08937110, 4320600QAA, 4403045, 7700314107, 9111045	305	12	90	67	130	5x15.75	1CS	WP1453							
			R	DISC	**VA1002**	08937110, 4320600QAA, 4403045, 7700314107, 9111045	305	12	90	67	130	5x15.75	1CS	WP1453							
			R	DISC	**VA1002**	08937110, 4320600QAA, 4403045, 7700314107, 9111045	305	12	90	67	130	5x15.75	1CS	WP1453							
			R	DISC	**VA1002**	08937110, 4320600QAA, 4403045, 7700314107, 9111045	305	12	90	67	130	5x15.75	1CS	WP1453							
	2003		R	DISC	**VA1002**	08937110, 4320600QAA, 4403045, 7700314107, 9111045	305	12	90	67	130	5x15.75	1CS	WP1453							

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Movano 2.3 dCi	2010		F	DISC	**RN1067**	0 986 479 716, 093197403, 203976, 23-1286C, 24.0128-0252.1, 40206-00Q0G	302	28	90	69.8	130	5x17.5	1CB	WP147							
			R	DISC	**RN1068**	04419362, 093197406, 095528683, 432000367R, 432009822R, 43206-00Q0A	305	12	90	71.5	130	5x15.5	1CB	WP112							
Vivaro	2001		F	DISC	**VA1006**	40206-00QAG, 40206-00QAH, 4020600QAE, 4020600QAF, 4408275, 4413734	305	28	72	50	118	5x15.5 1CS		WP1515							
			R	DISC	**VA1007**	40206-00QAC, 40206-00QAE, 43206-00QAB, 43206-00QAC, 43206-00QAD, 4408276	280	12	65	102.5	118	5xM14									
Vivaro X82	2014		F	DISC	**RN1080**	4020600Q1C, 4422285, 6000619994, 8660003955, 93866700	296	28	68	44	114.3	5x15.7	2CS								
VDL PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Citea CLE-137, CLE-145	2010		F	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			F	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			R	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			R	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			T	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
Citea MLE- 88	2013		F	DISC	**VDL1006**	30009693, 7000013, D12722	322	30	91.6	100.5	122	10x14.5		WP1279		WL023		WA235			
			F	DISC	**WR1001**	CSP-00263, CSP00263, F5186-88, F5186/88, F518688, R1800050 ? x-ref needs confirmation	330	34	95	95	120	10x14.75	2T	WP1279		WL023		WA235			
			R	DISC	**DA1052**	12162003, 1406872, 1407581, 1408672, 32060015, 6121620032	330	34	150	119	175	12xM12		WP1279		WL023		WA235			
Citea MLE- 95			F	DISC	**WR1001**	CSP-00263, CSP00263, F5186-88, F5186/88, F518688, R1800050 ? x-ref needs confirmation	330	34	95	95	120	10x14.75	2T	WP1279		WL023		WA235			
			F	DISC	**VDL1006**	30009693, 7000013, D12722	322	30	91.6	100.5	122	10x14.5		WP1279		WL023		WA235			
			R	DISC	**DA1052**	12162003, 1406872, 1407581, 1408672, 32060015, 6121620032	330	34	150	119	175	12xM12		WP1279		WL023		WA235			
Citea MLE-102			F	DISC	**WR1002**	ADL 664242-5, ADL 664242/5, CSP-00356, CSP00356, K039422	374	45	117	114	145	10x14.75	2T	WP1329		WL085					
			R	DISC	**DA1050**	1142132, 1525386, ADL 658094-3, ADL 658094/3, CSP-00357, CSP00357	377	45	169	138.5	196	8xM14		WP1329		WL085					

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Citea MLE-108			F	DISC	**WR1002**	ADL 664242-5, ADL 664242/5, CSP-00356, CSP00356, K039422	374	45	117	114	145	10x14.75	2T	WP1329		WL085					
			R	DISC	**DA1050**	1142132, 1525386, ADL 658094-3, ADL 658094/3, CSP-00357, CSP00357	377	45	169	138.5	196	8xM14		WP1329		WL085					
Citea SLE-120, SLE-129	2008		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
Citea SLF-120	2009		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
Citea SLFA-180, SLFA-187	2013		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			T	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
Citea XLE-137	2010		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			T	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
Citea XLE-145			F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			T	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Voith							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
IFS TJ50-195	2012		F	DISC	**SOL1001**	0820352698, 16H0005464AA, H68.218305	377	45	105.5	130.5	144	10x14.5		WP1329				WA231			
Volkswagen							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Crafter 1st Generation - 3.5t	2006	2016	F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP192		WL065	WL065				
			R	DISC	**MNE1110**	24.0116-0121.1, 24011601211, 2E0615601A, A9064200083 (OE NUMBER WITH PADS WP190), A9064230012, A9104230000	298	16	85	71	130	6x15	S/D 1CB	WP190		WL065	WL065				
Crafter 1st Generation 5t			F	DISC	**MNE1109**	2E0 615 301, 2E0615301, 906 421 0212, A906 421 01 12, A906 421 0112, A9064200183	300	28	85	69	130	6x15	V/D 1CB	WP200		WL065	WL065				
			R	DISC	**MNE1111**	2E0615601, A906 423 0112, A9064230112, A9064230112, A907 423 9700, A907.423.0100	303	28	120	93	145	6x15		WP201		WL067	WL067				
Crafter 2nd Generation PR# 1LA & 1LB	2017		F	DISC	**MD1033**	MAN 65508030000, MAN 65508030006, VW 2N0615301A, VW 2N0615301D	303	28	76	70.3	120	5x16.6	1CB	WP1588		WL115					
			R	DISC	**MD1034**	MAN 65508030002, MAN 65508030003, VW 2N0615601A, VW 2N0615601C	303	28	120	98	145	6x15		WP1588, WP1589		WL115					
Crafter 2nd Generation PR# 1LC			F	DISC	**MD1036**	2N0615301B, 65.50803.0004A	325	30	76	70.4	120	5x16.5	1CB	WP1590		WL115					
			R	DISC	**MD1037**	2N0615601B	325	30	120	98.1	145	6x15.0		WP1591		WL115					
Crafter 2nd Generation PR# 1X0, 1X1			R	DISC	**MD1035**	MAN 65508030001, VW 2N0615601	300	22	76	51	120	5x16.5	1CB	WP1592		WL116					
LT28	1996		F	DISC	**MNE1061**	05104561AB, 2D0 615 301 B, 2D0 615 301 D, 2D0 615 301A, 2D0615301A, 2D0615301B	276	22	85	76	130	5x15	V/D 1CS1CB	WP1038		WL015					
	1975		R	DRUM	**VW1003**	281609617	252	62	94	83	160	5x11	1CB3T								
	1996		R	DISC	**MNE1060**	2D0615601B, 2DO615601C, A9014230412, A9014230612, A9014230812, A9014231012	258	12	85	96	130	5x15	1CS 1CB	WP1039		WL015					
LT31	1975		R	DRUM	**VW1003**	281609617	252	62	94	83	160	5x11	1CB3T								
LT35	1978	1995	F	DISC	**VW1002**	281615283, 281615283A	281	20	91	85	115	8x5T									
	1996		F	DISC	**MNE1061**	05104561AB, 2D0 615 301 B, 2D0 615 301 D, 2D0 615 301A, 2D0615301A, 2D0615301B	276	22	85	76	130	5x15	V/D 1CS1CB	WP1038		WL015					
	1978	1995	R	DRUM	**VW1001**	291609617	270	75	164	143	205	6x20	1CB4T								
	1996		R	DISC	**MNE1062**	05104562AA, 2D0615601A, A9024230112, A9024230312, A9024230412, A9024230512	272	16	85	96	130	5x15	S/D 1CS1CB	WP1306		WL015					
			R	DISC	**MNE1062**	05104562AA, 2D0615601A, A9024230112, A9024230312, A9024230412, A9024230512	272	16	85	96	130	5x15	S/D 1CS1CB	WP1045		WL015					
LT40	1978	1995	F	DISC	**VW1002**	281615283, 281615283A	281	20	91	85	115	8x5T									
			R	DRUM	**VW1001**	291609617	270	75	164	143	205	6x20	1CB4T								
LT45			F	DISC	**VW1002**	281615283, 281615283A	281	20	91	85	115	8x5T									
			R	DRUM	**VW1001**	291609617	270	75	164	143	205	6x20	1CB4T								
LT46	1996		F	DISC	**MNE1061**	05104561AB, 2D0 615 301 B, 2D0 615 301 D, 2D0 615 301A, 2D0615301A, 2D0615301B	276	22	85	76	130	5x15	V/D 1CS1CB	WP1043		WL015		WA209			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**MNE1062**	05104562AA, 2D0615601A, A9024230112, A9024230312, A9024230412, A9024230512	272	16	85	96	130	5x15	S/D 1CS1CB	WP1043		WL015		WA209			
			R	DISC	**MNE1079**	2DO615601B, A9014231012, A9024202901, A9044230112, A9044230212, A9044230312	285	22	120	94	145	6x15		WP1043		WL015		WA209			
LT50	1978	1995	F	DISC	**VW1002**	281615283, 281615283A	281	20	91	85	115	8x5T									
			R	DRUM	**VW1001**	291609617	270	75	164	143	205	6x20	1CB4T								
LT55			F	DISC	**VW1002**	281615283, 281615283A	281	20	91	85	115	8x5T									
			R	DRUM	**VW1001**	291609617	270	75	164	143	205	6x20	1CB4T								
Volvo							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
F 4 Series F406, 407, 408	1975		F	DRUM	**VO1046**	6017936/3	310	112	165	179	205	6x20	2CS2T								
			R	DRUM	**VO1047**	6017937/1	310	130	165	193	205	6x20	2CS2T							SA/26/27/1	
F 6 Series F607, 608, 609, 610	1974		F	DRUM	**VO1048**	6017938/9	325	134	207	201	245	6x20	2CS2T							SA/28/29/1	
			R	DRUM	**VO1049**	6017939/7	325	155	207	222	245	6x20	2CS2T							SA/30/31/1	
F 6 Series F615, 616, 617	1979	1986	F	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							CW/4/2	
			F	DRUM	**VO1016**	- REPLACED BY VO1023, 6896288, 80308060	381	215	282	230	335	10x28	2xM12 1xCS							CW/4/2	
			R	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							CW/4/2	
			R	DRUM	**VO1016**	- REPLACED BY VO1023, 6896288, 80308060	381	215	282	230	335	10x28	2xM12 1xCS							CW/4/2	
F 7 Series	1977	1984	F	DRUM	**VO1003**	1584129, 366865/4	413	163	282	241	335	10x28	2T							VL/74/75/1	
			F	DRUM	**VO1004**	352786	413	163	282	241	335	10x33	2T							VL/74/75/1	
			F	DRUM	**VO1008**	1577439	394	188	282	253	335	10x28	2T							VL/72/73/1 PSV	
	1978	1985	F	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							CW/4/2	
			F	DRUM	**VO1016**	- REPLACED BY VO1023, 6896288, 80308060	381	215	282	230	335	10x28	2xM12 1xCS							CW/4/2	
	1977	1984	R	DRUM	**VO1005**	1584131, 366866	394	215	282	289	335	10x28	2CS2T							VL/76/77/1	
			R	DRUM	**VO1006**	1590146, 352787	394	215	282	289	335	10x33	2CS2T							VL/76/77/1	
			R	DRUM	**VO1014**	356158/6	394	191	282	275	335	10x28	1CS2T							VL/72/73/1 PSV	
			R	DRUM	**VO1015**	352788	413	140	282	218	335	10x33	2CS2T							VL/70/71/1	
			R	DRUM	**VO1021**	1589429	394	250	282	305	335	10x28									
	1978	1985	R	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							CW/4/2	
			R	DRUM	**VO1016**	- REPLACED BY VO1023, 6896288, 80308060	381	215	282	230	335	10x28	2xM12 1xCS							CW/4/2	
	1977	1984	T	DRUM	**VO1035**	352788/28	413	140	282	218	335	10x28	2CS2T							VL/70/71/1	
			T	DRUM	**VO1052**	1594502	413	140	282	230	335	10x28	2CS2T							VL/70/71/1	
F10 Series			F	DRUM	**VO1003**	1584129, 366865/4	413	163	282	241	335	10x28	2T							VL/74/75/1	
			F	DRUM	**VO1004**	352786	413	163	282	241	335	10x33	2T							VL/74/75/1	
			F	DRUM	**VO1008**	1577439	394	188	282	253	335	10x28	2T							VL/72/73/1 PSV	
	1985		F	DRUM	**VO1019**	1599678	410	190	282	250	335	10x28	2T							VL/86/1	
			F	DRUM	**VO1022**	1599009	410	192	282	262	335	10x28	2CS2T							VL/87/2	
			F	DRUM	**VO1027**	1599010	410	205	282	274	335	10x28	2CS2T							VL/88/2	
	1977	1984	R	DRUM	**VO1015**	352788	413	140	282	218	335	10x33	2CS2T							VL/70/71/1	
			R	DRUM	**VO1021**	1589429	394	250	282	305	335	10x28									
	1985		R	DRUM	**VO1020**	1599011	410	215	282	294	335	10x28	2T							VL/88/2	
			R	DRUM	**VO1024**	1599679	410	203	282	282	335	10x28	2T							VL/87/2	
			R	DRUM	**VO1025**	1599012	410	229	282	307	335	10x28	2CS2T							VL/89/2	

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	1977	1984	T	DRUM	**VO1035**	352788/28	413	140	282	218	335	10x28	2CS2T							VL/70/71/1	
			T	DRUM	**VO1052**	1594502	413	140	282	230	335	10x28	2CS2T							VL/70/71/1	
	1985		T	DRUM	**VO1030**	1599013	410	143	282	207	335	10x28	2CS2T							VL/85/1	
			T	DRUM	**VO1031**	1599014	410	159	282	236	335	10x28	2T							VL/85/1	
			T	DRUM	**VO1031**	1599014	410	159	282	236	335	10x28	2T							VL/86/1	
F12 Series	1977	1984	F	DRUM	**VO1003**	1584129, 366865/4	413	163	282	241	335	10x28	2T							VL/74/75/1	
			F	DRUM	**VO1004**	352786	413	163	282	241	335	10x33	2T							VL/74/75/1	
			F	DRUM	**VO1008**	1577439	394	188	282	253	335	10x28	2T							VL/72/73/1 PSV	
			R	DRUM	**VO1005**	1584131, 366866	394	215	282	289	335	10x28	2CS2T							VL/76/77/1	
			R	DRUM	**VO1006**	1590146, 352787	394	215	282	289	335	10x33	2CS2T							VL/76/77/1	
			R	DRUM	**VO1021**	1589429	394	250	282	305	335	10x28									
F16 Series	1988		F	DRUM	**VO1027**	1599010	410	205	282	274	335	10x28	2CS2T							VL/88/2	
			R	DRUM	**VO1024**	1599679	410	203	282	282	335	10x28	2T							VL/87/2	
			R	DRUM	**VO1025**	1599012	410	229	282	307	335	10x28	2CS2T							VL/89/2	
F612 - 613 - 614	1977	1986	F	DRUM	**RN1073**	172046, 5000202691, 5516011616, 5516030954, 5516053691, 551631601	394	134	228	201.5	275	8x21.5	2CS2T								
			R	DRUM	**RN1074**	173285, 5000202692, 5000546969, 5516011307, 5516011617, 6011617	394	156	228	218	275	8x21.5	2CB2T								
F86	1970	1977	F	DRUM	**VO1002**	335217, 6866898/7	413	127	245	216	286	10x27	2CS2T							VL/70/71/1	
			F	DRUM	**VO1015**	352788	413	140	282	218	335	10x33	2CS2T							VL/70/71/1	
	1974		F	DRUM	**VO1007**	1500537, 6866896/1	413	163	245	228	286	10x26.5	2CS2T							VL/74/75/1	
	1970	1977	R	DRUM	**VO1005**	1584131, 366866	394	215	282	289	335	10x28	2CS2T							VL/76/77/1	
			R	DRUM	**VO1006**	1590146, 352787	394	215	282	289	335	10x33	2CS2T							VL/76/77/1	
	1974		R	DRUM	**VO1005**	1584131, 366866	394	215	282	289	335	10x28	2CS2T							VL/76/77/1	
			R	DRUM	**VO1006**	1590146, 352787	394	215	282	289	335	10x33	2CS2T							VL/76/77/1	
			R	DRUM	**VO1014**	356158/6	394	191	282	275	335	10x28	1CS2T							VL/72/73/1 PSV	
F88	1970	1977	F	DRUM	**VO1002**	335217, 6866898/7	413	127	245	216	286	10x27	2CS2T							VL/70/71/1	
			F	DRUM	**VO1015**	352788	413	140	282	218	335	10x33	2CS2T							VL/70/71/1	
	1974		F	DRUM	**VO1007**	1500537, 6866896/1	413	163	245	228	286	10x26.5	2CS2T							VL/74/75/1	
	1970	1977	R	DRUM	**VO1005**	1584131, 366866	394	215	282	289	335	10x28	2CS2T							VL/76/77/1	
			R	DRUM	**VO1006**	1590146, 352787	394	215	282	289	335	10x33	2CS2T							VL/76/77/1	
	1974		R	DRUM	**VO1005**	1584131, 366866	394	215	282	289	335	10x28	2CS2T							VL/76/77/1	
			R	DRUM	**VO1006**	1590146, 352787	394	215	282	289	335	10x33	2CS2T							VL/76/77/1	
			R	DRUM	**VO1014**	356158/6	394	191	282	275	335	10x28	1CS2T							VL/72/73/1 PSV	
F89	1970	1977	F	DRUM	**VO1003**	1584129, 366865/4	413	163	282	241	335	10x28	2T							VL/74/75/1	
			F	DRUM	**VO1004**	352786	413	163	282	241	335	10x33	2T							VL/74/75/1	
			R	DRUM	**VO1005**	1584131, 366866	394	215	282	289	335	10x28	2CS2T							VL/76/77/1	
			R	DRUM	**VO1006**	1590146, 352787	394	215	282	289	335	10x33	2CS2T							VL/76/77/1	
FE Series	2006		F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			F	DISC	**RN1041**	35010422593, 500055596, 5001672150, 5006172150, 5010422363, 5010422593	434	45	131	97	165	10x17	2T								

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
FH Series	1993	1996	F	DRUM	**VO1019**	1599678	410	190	282	250	335	10x28	2T							VL/86/1	
			F	DRUM	**VO1022**	1599009	410	192	282	262	335	10x28	2CS2T					WA289		VL/87/2	WBSK0020
			F	DRUM	**VO1027**	1599010	410	205	282	274	335	10x28	2CS2T					WA289		VL/88/2	WBSK0021
	1996		F	DRUM	**VO1037**	1075307, 3171745	410	210	282	273	335	10x28	2CS2T					WA289		VL/88/2	WBSK0021
			F	DRUM	**VO1039**	1075305, 3171743	410	185	282	248	335	10x28	2CS2T							VL/86/1	
			F	DRUM	**VO1040**	03171744, 1075306, 20713926, 21094122, 21451966, 3171744	410	196	282	261	335	10x28	2CS2T					WA289		VL/87/2	WBSK0020
	2000	2005	F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2005		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			LIFT	DISC	**RN1060**	Renault 5010598304, Volvo 22069821	330	34	194	137	245	6x21		WP1279		WL026					
	1993	1996	R	DRUM	**VO1020**	1599011	410	215	282	294	335	10x28	2T					WA289		VL/88/2	WBSK0021
			R	DRUM	**VO1024**	1599679	410	203	282	282	335	10x28	2T					WA289		VL/87/2	WBSK0020
			R	DRUM	**VO1025**	1599012	410	229	282	307	335	10x28	2CS2T					WA289		VL/89/2	WBSK0051
	1996		R	DRUM	**VO1038**	1075310, 20713928, 21094124, 21451968, 21508813, 3171748	410	229	282	306	335	10x28	4x18CS + 2x25mm + 2xM20					WA289		VL/89/2	WBSK0051
			R	DRUM	**VO1041**	1075308, 3171746	410	204	282	281	335	10x28	2CS2T					WA289		VL/87/2	WBSK0020
			R	DRUM	**VO1042**	1075309, 20713927, 21094123, 21451967, 21508812, 3171747	410	218	282	294	335	10x28	2CS2T					WA289		VL/88/2	WBSK0021
			R	DRUM	**VO1043**	1075311, 21451976	410	143	282	207	335	10x28	2CS2T							VL/85/1	
			R	DRUM	**VO1044**	1075312	410	171	282	235	335	10x28	2CS2T							VL/85/1	
			R	DRUM	**VO1044**	1075312	410	171	282	235	335	10x28	2CS2T							VL/86/1	
	2000	2005	R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2005		R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
	1993	1996	T	DRUM	**VO1030**	1599013	410	143	282	207	335	10x28	2CS2T							VL/85/1	
			T	DRUM	**VO1031**	1599014	410	159	282	236	335	10x28	2T							VL/85/1	
			T	DRUM	**VO1031**	1599014	410	159	282	236	335	10x28	2T							VL/86/1	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
	2000	2005	T	DISC	**VO1072**	- SOLID DISC F/KIT WA246 (KITTED DISC VO1072K), 3173047, 85103809	375	45	N/A	45	N/A	N/A		WP1387				WA228			
			T	DISC	**VO1077**	20523409, 20523411, 5001867799, 7420523411, 7485110494, 85103805	375	45	181	45	n/a	n/a		WP1387				WA228			
			T	DISC	**VO1078**	7420523383, 85103806	410	45	N/A	45	N/A	N/A		WP135				WA228			
			T	DISC	**VO1079**	085110495, 085111045, 20442374, 20515097, 5001667798, 5001867798	410	45	220	45	n/a	n/a		WP135				WA228			
	2005		T	DISC	**VO1077**	20523409, 20523411, 5001867799, 7420523411, 7485110494, 85103805	375	45	181	45	n/a	n/a		WP134		WL117		WA246			
			T	DISC	**VO1079**	085110495, 085111045, 20442374, 20515097, 5001667798, 5001867798	410	45	220	45	n/a	n/a		WP173		WL117		WA240			
FL 4 Series FL4.06, 4.08, 4.11	1987	2000	F	DISC	**VO1028**	6779205.8, 6779208.5	322	30	132	90	154	6xM14		WP523		WL004					
			R	DISC	**VO1045**	6779209.3, 6799251	322	30	164	115	192	6xM12x1.75 (We have see this disc with both M12x1.5 and M12x1.75) Our current stock is drilled M12x1.5		WP523		WL004					
FL 6 Series FL6.08, 6.09, 6.10, 6.11 - With Disc Brakes			F	DISC	**VO1029**	6774686 7, 6774686-7, 6774686.7, 6774686/7	322	30	132	90	154	8xM14		WP523		WL004					
			R	DISC	**VO1036**	06775223, 06775227, 6775223, 6775227.9, 6775229	322	30	216	138	275	8x13		WP523		WL004					
			R	DISC	**VO1051**	6796864 4, 6796864-4, 6796864.4, 6796864/4	322	30	216	138	275	8x13		WP523		WL004					
FL 6 Series FL6.08, 6.09, 6.10, 6.11 - With Drum Brakes			F	DRUM	**VO1026**	6772133	360	184	228	248	275	8x21.5	2T							GG/214/215/1, GG/235/236/1 PSV	
			R	DRUM	**VO1026**	6772133	360	184	228	248	275	8x21.5	2T							GG/214/215/1, GG/235/236/1 PSV	
FL 6 Series FL6.12, 6.13, 6.14	1986		F	DRUM	**VO1026**	6772133	360	184	228	248	275	8x21.5	2T							GG/214/215/1	
			F	DRUM	**VO1057**	107111/2, 1071112	360	150	228	231	275	8x21.5	2T							GG/233/234/1 PSV	
			R	DRUM	**VO1026**	6772133	360	184	228	248	275	8x21.5	2T							GG/214/215/1	
			R	DRUM	**VO1057**	107111/2, 1071112	360	150	228	231	275	8x21.5	2T							GG/233/234/1 PSV	
FL 6 Series FL6.16			F	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							CW/4/2	
			F	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							RW/24/1	
			F	DRUM	**VO1016**	- REPLACED BY VO1023, 6896288, 80308060	381	215	282	230	335	10x28	2xM12 1xCS							RW/24/1	
			F	DRUM	**VO1016**	- REPLACED BY VO1023, 6896288, 80308060	381	215	282	230	335	10x28	2xM12 1xCS							CW/4/2	
			R	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							RW/24/1	
			R	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							CW/4/2	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**VO1016**	- REPLACED BY VO1023, 6896288, 80308060	381	215	282	230	335	10x28	2xM12 1xCS							RW/24/1	
			R	DRUM	**VO1016**	- REPLACED BY VO1023, 6896288, 80308060	381	215	282	230	335	10x28	2xM12 1xCS							CW/4/2	
FL 6 Series FL6.17			F	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							RW/24/1	
			F	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							CW/4/2	
			F	DRUM	**VO1016**	- REPLACED BY VO1023, 6896288, 80308060	381	215	282	230	335	10x28	2xM12 1xCS							CW/4/2	
			F	DRUM	**VO1016**	- REPLACED BY VO1023, 6896288, 80308060	381	215	282	230	335	10x28	2xM12 1xCS							RW/24/1	
			R	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							RW/24/1	
			R	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							CW/4/2	
			R	DRUM	**VO1016**	- REPLACED BY VO1023, 6896288, 80308060	381	215	282	230	335	10x28	2xM12 1xCS							RW/24/1	
			R	DRUM	**VO1016**	- REPLACED BY VO1023, 6896288, 80308060	381	215	282	230	335	10x28	2xM12 1xCS							CW/4/2	
FL 6 Series FL6.18, FL6.19 - With 180mm Wedge Brakes	1985	1998	F	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							RW/24/1	
			R	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							RW/24/1	
FL 6 Series FL6.18, FL6.19 - With 200mm Wedge Brakes			F	DRUM	**VO1032**	6798897/2	381	241	286	255	335	10x25	2T							RW/25/1	
			R	DRUM	**VO1032**	6798897/2	381	241	286	255	335	10x25	2T							RW/25/1	
FL 6 Series FL6.18, FL6.19 - With Z Cam Brakes	1993		F	DRUM	**VO1032**	6798897/2	381	241	286	255	335	10x25	2T							RW/25/1	
		1995	F	DRUM	**VO1019**	1599678	410	190	282	250	335	10x28	2T							VL/87/2	
			F	DRUM	**VO1019**	1599678	410	190	282	250	335	10x28	2T							VL/87/2	
			F	DRUM	**VO1022**	1599009	410	192	282	262	335	10x28	2CS2T					WA289		VL/87/2	WBSK0020
	1996		F	DRUM	**VO1039**	1075305, 3171743	410	185	282	248	335	10x28	2CS2T							VL/87/2	
			F	DRUM	**VO1040**	03171744, 1075306, 20713926, 21094122, 21451966, 3171744	410	196	282	261	335	10x28	2CS2T					WA289		VL/87/2	WBSK0020
	1993		R	DRUM	**VO1032**	6798897/2	381	241	286	255	335	10x25	2T							RW/25/1	
		1995	R	DRUM	**VO1020**	1599011	410	215	282	294	335	10x28	2T					WA289		VL/88/2	WBSK0021
	1996		R	DRUM	**VO1042**	1075309, 20713927, 21094123, 21451967, 21508812, 3171747	410	218	282	294	335	10x28	2CS2T					WA289		VL/88/2	WBSK0021
FL 7 - FL12 Series - Drum Brakes	1985	1995	F	DRUM	**VO1019**	1599678	410	190	282	250	335	10x28	2T							VL/86/1	
			F	DRUM	**VO1022**	1599009	410	192	282	262	335	10x28	2CS2T					WA289		VL/87/2	WBSK0020
			F	DRUM	**VO1027**	1599010	410	205	282	274	335	10x28	2CS2T					WA289		VL/88/2	WBSK0021
	1996		F	DRUM	**VO1037**	1075307, 3171745	410	210	282	273	335	10x28	2CS2T					WA289		VL/88/2	WBSK0021
			F	DRUM	**VO1039**	1075305, 3171743	410	185	282	248	335	10x28	2CS2T							VL/86/1	
			F	DRUM	**VO1040**	03171744, 1075306, 20713926, 21094122, 21451966, 3171744	410	196	282	261	335	10x28	2CS2T					WA289		VL/87/2	WBSK0020
	1985	1995	R	DRUM	**VO1020**	1599011	410	215	282	294	335	10x28	2T					WA289		VL/88/2	WBSK0021
			R	DRUM	**VO1024**	1599679	410	203	282	282	335	10x28	2T					WA289		VL/87/2	WBSK0020
			R	DRUM	**VO1025**	1599012	410	229	282	307	335	10x28	2CS2T							VL/89/2	WBSK0051
			R	DRUM	**VO1030**	1599013	410	143	282	207	335	10x28	2CS2T							VL/85/1	
			R	DRUM	**VO1031**	1599014	410	159	282	236	335	10x28	2T							VL/86/1	
			R	DRUM	**VO1031**	1599014	410	159	282	236	335	10x28	2T							VL/85/1	
	1996		R	DRUM	**VO1038**	1075310, 20713928, 21094124, 21451968, 21508813, 3171748	410	229	282	306	335	10x28	4x18CS + 2x25mm + 2xM20							VL/89/2	WBSK0051
			R	DRUM	**VO1041**	1075308, 3171746	410	204	282	281	335	10x28	2CS2T					WA289		VL/87/2	

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DRUM	**VO1042**	1075309, 20713927, 21094123, 21451967, 21508812, 3171747	410	218	282	294	335	10x28	2CS2T					WA289		VL/88/2	WBSK0021
			R	DRUM	**VO1043**	1075311, 21451976	410	143	282	207	335	10x28	2CS2T							VL/85/1	
			R	DRUM	**VO1044**	1075312	410	171	282	235	335	10x28	2CS2T							VL/86/1	
			R	DRUM	**VO1044**	1075312	410	171	282	235	335	10x28	2CS2T							VL/85/1	
FL C Series FLC5 - Brake Discs	1997	1999	F	DISC	**VO1028**	6779205.8, 6779208.5	322	30	132	90	154	6xM14		WP523		WL004					
			R	DISC	**VO1045**	6779209.3, 6799251	322	30	164	115	192	6xM12x1.75 (We have see this disc with both M12x1.5 and M12x1.75) Our current stock is drilled M12x1.5		WP523		WL004					
FL C Series FLC7 - Brake Discs			F	DISC	**VO1029**	6774686 7, 6774686-7, 6774686.7, 6774686/7	322	30	132	90	154	8xM14		WP523		WL004					
			R	DISC	**VO1036**	06775223, 06775227, 6775223, 6775227.9, 6775229	322	30	216	138	275	8x13		WP523		WL004					
			R	DISC	**VO1051**	6796864 4, 6796864-4, 6796864.4, 6796864/4	322	30	216	138	275	8x13		WP523		WL004					
FL C Series FLC8 - Brake Discs			F	DISC	**VO1029**	6774686 7, 6774686-7, 6774686.7, 6774686/7	322	30	132	90	154	8xM14		WP523		WL004					
			R	DISC	**VO1036**	06775223, 06775227, 6775223, 6775227.9, 6775229	322	30	216	138	275	8x13		WP523		WL004					
			R	DISC	**VO1036**	06775223, 06775227, 6775223, 6775227.9, 6775229	322	30	216	138	275	8x13		WP523		WL004					
			R	DISC	**VO1051**	6796864 4, 6796864-4, 6796864.4, 6796864/4	322	30	216	138	275	8x13		WP523		WL004					
			R	DISC	**VO1051**	6796864 4, 6796864-4, 6796864.4, 6796864/4	322	30	216	138	275	8x13		WP523		WL004					
FL II - 19.5" Wheels Haldex DB19 Caliper	2006		F	DISC	**RN1053**	20700509, 20931241, 5010598305	375	45	174	119	142	10x15	2T	WP119		WL082		WA247			
			R	DISC	**RN1054**	20704423, 5010598306, 7482421131, 82421140	375	45	222	166	275	8x22.5		WP119		WL082		WA247			
			R	DISC	**RN1062**	20704422, 5010598307	375	45	262.2	166.5	335	10x32.8		WP119				WA247			
FL II - 19.5" Wheels Meritor Elsa 225-1 Caliper			F	DISC	**RN1053**	20700509, 20931241, 5010598305	375	45	174	119	142	10x15	2T	WP173		WL117		WA251			
			R	DISC	**RN1054**	20704423, 5010598306, 7482421131, 82421140	375	45	222	166	275	8x22.5		WP173		WL117		WA251			
			R	DISC	**RN1062**	20704422, 5010598307	375	45	262.2	166.5	335	10x32.8		WP173		WL117		WA251			
FL II - 19.5" Wheels Wabco Maxx 19 Caliper	2015		F	DISC	**RN1053**	20700509, 20931241, 5010598305	375	45	174	119	142	10x15	2T	WP1574		WL105					
			R	DISC	**RN1062**	20704422, 5010598307	375	45	262.2	166.5	335	10x32.8		WP1574		WL105					
			R	DISC	**RN1054**	20704423, 5010598306, 7482421131, 82421140	375	45	222	166	275	8x22.5									
FL III - 19.5" Wheels Wabco Maxx 19 Caliper			F	DISC	**RN1053**	20700509, 20931241, 5010598305	375	45	174	119	142	10x15	2T	WP1574		WL105					
			R	DISC	**RN1054**	20704423, 5010598306, 7482421131, 82421140	375	45	222	166	275	8x22.5		WP1574		WL105					
			R	DISC	**RN1062**	20704422, 5010598307	375	45	262.2	166.5	335	10x32.8		WP1574		WL105					

WINNARD			Position			X-Ref															
Model	**From**	**To**		**Type**	**Winnard**	**Cross Reference numbers and notes**	**Disc and Drum Dimensions**							**Standard**	**Stage 2**	**W/Lead**	**W/Lead***	**F/Kit**	**F/Kit***	**Lining**	**Lined Shoe Kit**
FL III 17.5" Wheels Wabco PAN 17 Brakes	2013		F	DISC	**VO1086**	22069811	330	34	95	66	118	10x15	2xM12x1.75	WP1279		WL026		WA235			
			R	DISC	**TBA DISC**	Part number to be advised								WP1279		WL026		WA235			
FL Series - Disc Brakes - B Duco Caliper- 17.5" Wheels	2000		F	DISC	**VO1066**	3095632, 3095652, 68323231	335	30	91.5	100	120	10x14.5	2T	WP1386				WA227			
			R	DISC	**VO1069**	3095653, 3096553, 68323210	335	30	215	139	275	8x20		WP1386				WA227			
FL Series - Disc Brakes - C Duco Caliper- 19.5" Wheels			F	DISC	**VO1067**	3095672, 68323232	375	45	106	130	138	14 x 14.5		WP1387				WA228			
			R	DISC	**VO1070**	3095673, 68323233, 997100059001	375	45	225	150	275	8x20		WP1387				WA228			
FL Series - Disc Brakes - D Duco Caliper- 22.5" Wheels			F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
			R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
FLH 7	2008		F	DISC	**VO1080**	20700508, 20764313, 20931249, 5010598308	410	45	131	93	165	10x17	2xM14	WP173		WL117		WA251			
			R	DISC	**VO1081**	20763234, 5010598309	410	45	262	166	335	10x32.8		WP173		WL117		WA251			
FM Series	1996		F	DRUM	**VO1037**	1075307, 3171745	410	210	282	273	335	10x28	2CS2T					WA289		VL/88/2	WBSK0021
			F	DRUM	**VO1039**	1075305, 3171743	410	185	282	248	335	10x28	2CS2T							VL/86/1	
			F	DRUM	**VO1040**	03171744, 1075306, 20713926, 21094122, 21451966, 3171744	410	196	282	261	335	10x28	2CS2T					WA289		VL/87/2	WBSK0020
	2000	2005	F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2005		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
	1996		R	DRUM	**VO1038**	1075310, 20713928, 21094124, 21451968, 21508813, 3171748	410	229	282	306	335	10x28	4x18CS + 2x25mm + 2xM20					WA289		VL/89/2	WBSK0051
			R	DRUM	**VO1041**	1075308, 3171746	410	204	282	281	335	10x28	2CS2T					WA289		VL/87/2	WBSK0020
			R	DRUM	**VO1042**	1075309, 20713927, 21094123, 21451967, 21508812, 3171747	410	218	282	294	335	10x28	2CS2T					WA289		VL/88/2	WBSK0021
	2000	2005	R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2005		R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
							A	B	C	D	E	F	Other								
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
	1996		T	DRUM	**VO1043**	1075311, 21451976	410	143	282	207	335	10x28	2CS2T							VL/85/1	
			T	DRUM	**VO1044**	1075312	410	171	282	235	335	10x28	2CS2T							VL/85/1	
			T	DRUM	**VO1044**	1075312	410	171	282	235	335	10x28	2CS2T							VL/86/1	
	2000	2005	T	DISC	**VO1072**	- SOLID DISC F/KIT WA246 (KITTED DISC VO1072K), 3173047, 85103809	375	45	N/A	45	N/A	N/A		WP1387				WA228			
			T	DISC	**VO1077**	20523409, 20523411, 5001867799, 7420523411, 7485110494, 85103805	375	45	181	45	n/a	n/a		WP1387				WA228			
			T	DISC	**VO1078**	7420523383, 85103806	410	45	N/A	45	N/A	N/A		WP135				WA228			
			T	DISC	**VO1079**	085110495, 085111045, 20442374, 20515097, 5001667798, 5001867798	410	45	220	45	n/a	n/a		WP135				WA228			
	2005		T	DISC	**VO1077**	20523409, 20523411, 5001867799, 7420523411, 7485110494, 85103805	375	45	181	45	n/a	n/a		WP134		WL117		WA246			
			T	DISC	**VO1079**	085110495, 085111045, 20442374, 20515097, 5001667798, 5001867798	410	45	220	45	n/a	n/a		WP173		WL117		WA240	WA251		
FS Series FS7.13	1996		F	DRUM	**VO1057**	107111/2, 1071112	360	150	228	231	275	8x21.5	2T							GG/233/234/1 PSV	
			R	DRUM	**VO1057**	107111/2, 1071112	360	150	228	231	275	8x21.5	2T							GG/233/234/1 PSV	
FS Series FS7.16, 7.17, 7.18 - With 180mm Wedge Brakes	1994	1996	F	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							RW/24/1	
			R	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							RW/24/1	
FS Series FS7.16, 7.17, 7.18 - With 200mm Wedge Brakes			F	DRUM	**VO1032**	6798897/2	381	241	286	255	335	10x25	2T							RW/25/1	
			R	DRUM	**VO1032**	6798897/2	381	241	286	255	335	10x25	2T							RW/25/1	
VN & VT - with disc brakes	2008	2014	F	DISC	**BEN1001**	802081 BXW, 802081BXW, K000758, K038573	430	45	220	138.2	249.5	10x5/8"		WP132				WA230			
			F	DISC	**BEN1002**	802082 BXW, 802082BXW, K000332, K038574, K110358, S-32193	430	45	220	150	249.5	10x5/8		WP132				WA230			
	2014		F	DISC	**DA1059**	- THIS IS AN INTERFERENCE FIT DESIGN AND SHOULD BE FITTED USING A PRESS, 10025445, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT	430	45	217	45	230	10x8.5 (Torque Setting 20Nm)		WP132				WA230			
	2008	2014	R	DISC	**BEN1001**	802081 BXW, 802081BXW, K000758, K038573	430	45	220	138.2	249.5	10x5/8"		WP132				WA230			
			R	DISC	**BEN1002**	802082 BXW, 802082BXW, K000332, K038574, K110358, S-32193	430	45	220	150	249.5	10x5/8		WP132				WA230			
	2014		R	DISC	**DA1059**	- THIS IS AN INTERFERENCE FIT DESIGN AND SHOULD BE FITTED USING A PRESS, 10025445, 1387439, 1640560, 1640561, 1690788 OE BOLT KIT	430	45	217	45	230	10x8.5 (Torque Setting 20Nm)		WP132				WA230			

Volvo Industrial

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
BM A20, A20C, A25, A25B, A25C, A25D	1985		F	DISC	**VO1053**	11034281, 15186427	468	16.3	310	156.7	345	12x17.4		12.0342							
			R	DISC	**VO1054**	11034093	468	16.5	195	16.5	227	24x17		12.0138							
BM A28, A30, A30C, A30D			F	DISC	**VO1053**	11034281, 15186427	468	16.3	310	156.7	345	12x17.4		12.0342							
			R	DISC	**VO1053**	11034281, 15186427	468	16.3	310	156.7	345	12x17.4		12.0342							
Volvo PSV							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
9500	2012		F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-			WP174S2	WL117		WA251			
			F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-			WP174S2	WL117		WA251			
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-			WP174S2	WL117		WA251			
			R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-			WP174S2	WL117		WA251			
9700			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-			WP174S2	WL117		WA251			
			F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-			WP174S2	WL117		WA251			
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-			WP174S2	WL117		WA251			
			R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-			WP174S2	WL117		WA251			
			T	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-			WP174S2	WL117		WA251			
			T	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-			WP174S2	WL117		WA251			
9900			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-			WP174S2	WL117		WA251			
			F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-			WP174S2	WL117		WA251			
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-			WP174S2	WL117		WA251			
			R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-			WP174S2	WL117		WA251			
			T	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-			WP174S2	WL117		WA251			
			T	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-			WP174S2	WL117		WA251			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
Ailsa B55 MKI	1975		F	DRUM	**DE1006**	33637, 609847 4, 609847/4, 6863526/4, 6863526/7	394	187	280	240	335	10x24	1CS2T							CS/63/1 PSV	
			R	DRUM	**VO1009**	6867291/4	394	203	282	246	335	10x32	5CB3T							CS/64/1 PSV	
Ailsa MKII			F	DRUM	**VO1011**	6869533-7, 6869533/7, 68695337	394	211	280	257	335	10x23.5	1CS2T							CS/63/1 PSV	
Ailsa MKIII			F	DRUM	**VO1011**	6869533-7, 6869533/7, 68695337	394	211	280	257	335	10x23.5	1CS2T							CS/63/1 PSV	
			R	DRUM	**VO1012**	8390204	394	217	282	262	335	10x32	1CB2T							CS/64/1 PSV	
B 6	1977	1982	F	DRUM	**VO1048**	6017938/9	325	134	207	201	245	6x20	2CS2T							SA/28/29/1	
	1983	1991	F	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							CW/4/2	
			F	DRUM	**VO1016**	- REPLACED BY VO1023, 6896288, 80308060	381	215	282	230	335	10x28	2xM12 1xCS							CW/4/2	
	1986	1988	F	DRUM	**VO1026**	6772133	360	184	228	248	275	8x21.5	2T							GG/207/208/1	
	1989	1994	F	DRUM	**VO1026**	6772133	360	184	228	248	275	8x21.5	2T							GG/214/215/1	
	1995		F	DRUM	**VO1026**	6772133	360	184	228	248	275	8x21.5	2T							GG/235/236/1 PSV	
	1977	1982	R	DRUM	**VO1049**	6017939/7	325	155	207	222	245	6x20	2CS2T							SA/30/31/1	
	1983	1991	R	DRUM	**VO1010**	6779272, 6857032	381	227	286	245	335	10x24.5	2T							CW/4/2	
			R	DRUM	**VO1016**	- REPLACED BY VO1023, 6896288, 80308060	381	215	282	230	335	10x28	2xM12 1xCS							CW/4/2	
	1986	1988	R	DRUM	**VO1026**	6772133	360	184	228	248	275	8x21.5	2T							GG/207/208/1	
	1989	1994	R	DRUM	**VO1026**	6772133	360	184	228	248	275	8x21.5	2T							GG/214/215/1	
	1995		R	DRUM	**VO1026**	6772133	360	184	228	248	275	8x21.5	2T							GG/235/236/1 PSV	
B 7R, B7RLE Single Deck	2005	2006	F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
	2005	2006	R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
B 7R, B7RLE Single Deck with drop floor			F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP136		WL117		WA240	WA251		
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP136		WL117		WA240	WA251		
			R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP136		WL117		WA240	WA251		

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WINNARD			Position			X-Ref															
Model	**From**	**To**		**Type**	**Winnard**	**Cross Reference numbers and notes**	**Disc and Drum Dimensions**							**Standard**	**Stage 2**	**W/Lead**	**W/Lead***	**F/Kit**	**F/Kit***	**Lining**	**Lined Shoe Kit**
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP136		WL117		WA240	WA251		
B 7TL	1999	2005	F	DISC	**VO1060**	3112965-3, 3112965/3, 31129650	438	45	195	127	235	10xM16		WP1047	WP1047S2	WL013	WL013	WA213			
	2004		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
	1999		R	DRUM	**VO1062**	9524103	394	250	282	287	335	10x28	2T							VL/100/101/1 PSV	
	2004		R	DISC	**VO1076**	0001986501, 05001849922, 0501316075, 20564467, 21062580, 500184992	434	45	203	130	235	10xM16		WP1404	WP1404S2	WL028		WA208			
B 9 (With drum brakes)	1983		F	DRUM	**VO1008**	1577439	394	188	282	253	335	10x28	2T							VL/72/73/1 PSV	
			R	DRUM	**VO1005**	1584131, 366866	394	215	282	289	335	10x28	2CS2T							VL/76/77/1	
			R	DRUM	**VO1006**	1590146, 352787	394	215	282	289	335	10x33	2CS2T							VL/76/77/1	
B 9R, B9TL	2005		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1076**	0001986501, 05001849922, 0501316075, 20564467, 21062580, 500184992	434	45	203	130	235	10xM16		WP1404	WP1404S2			WA208			
			T	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			T	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
B10B, B10BLE	1985	1995	F	DRUM	**VO1027**	1599010	410	205	282	274	335	10x28	2CS2T							VL/88/2	
	1993		F	DISC	**VO1060**	3112965-3, 3112965/3, 31129650	438	45	195	127	235	10xM16		WP1047	WP1047S2	WL013		WA213			
	1996		F	DRUM	**VO1037**	1075307, 3171745	410	210	282	273	335	10x28	2CS2T							VL/88/2	
	1985	1995	R	DRUM	**VO1025**	1599012	410	229	282	307	335	10x28	2CS2T							VL/89/2	WBSK0051
	1996		R	DRUM	**VO1038**	1075310, 20713928, 21094124, 21451968, 21508813, 3171748	410	229	282	306	335	10x28	4x18CS + 2x25mm + 2xM20							VL/89/2	WBSK0051
B10L, B10LE	1993		F	DISC	**VO1060**	3112965-3, 3112965/3, 31129650	438	45	195	127	235	10xM16		WP1047	WP1047S2	WL013	WL013	WA213			
	1996		F	DISC	**VO1060**	3112965-3, 3112965/3, 31129650	438	45	195	127	235	10xM16		WP1047	WP1047S2	WL013	WL013	WA213			
	1993		R	DRUM	**VO1025**	1599012	410	229	282	307	335	10x28	2CS2T							VL/89/2	WBSK0051
	1996		R	DRUM	**VO1038**	1075310, 20713928, 21094124, 21451968, 21508813, 3171748	410	229	282	306	335	10x28	4x18CS + 2x25mm + 2xM20							VL/89/2	WBSK0051
B10M	1979		F	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
			R	DRUM	**VO1018**	1134818, 1590313/1	394	265	282	314	335	10x28	2T							VL/81/82/1	
			T	DRUM	**VO1008**	1577439	394	188	282	253	335	10x28	2T							VL/72/73/1 PSV	
			T	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
B10R			F	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
			R	DRUM	**VO1018**	1134818, 1590313/1	394	265	282	314	335	10x28	2T							VL/81/82/1	

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Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			T	DRUM	**VO1008**	1577439	394	188	282	253	335	10x28	2T							VL/72/73/1 PSV	
			T	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
B12	1993	1995	F	DRUM	**VO1027**	1599010	410	205	282	274	335	10x28	2CS2T							VL/88/2	
	1995	2000	F	DISC	**VO1060**	3112965-3, 3112965/3, 31129650	438	45	195	127	235	10xM16		WP1047	WP1047S2	WL013	WL013	WA213			
	2000	2005	F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		F	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
	1993	1995	R	DRUM	**VO1025**	1599012	410	229	282	307	335	10x28	2CS2T							VL/89/2	
	2000	2005	R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP1388	WP1388S2			WA225			
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP1388	WP1388S2			WA225			
	2006		R	DISC	**VO1071**	20428193, 20514093, 20515083, 20515093, 20515093, 21575071	434	45	-	45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
	1993	1995	T	DRUM	**VO1031**	1599014	410	159	282	236	335	10x28	2T							VL/85/1	
B13	2010		F	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
			R	DISC	**VO1083**	- SOLID DISC F/KIT WA240 (KITTED DISC VO1083K), 21748466, 3092710, 3097210, 3988838, 5001864498	434	45		45	-	-		WP174	WP174S2	WL117		WA240	WA251		
B57	1966	1977	F	DRUM	**VO1002**	335217, 6866898/7	413	127	245	216	286	10x27	2CS2T							VL/70/71/1	
			F	DRUM	**VO1007**	1500537, 6866896/1	413	163	245	228	286	10x26.5	2CS2T							VL/74/75/1	
			R	DRUM	**VO1001**	324005, 6866899/5	394	190	245	276	286	10x26.5	4CS2T							VL/72/73/1 PSV	
B58			F	DRUM	**VO1002**	335217, 6866898/7	413	127	245	216	286	10x27	2CS2T							VL/70/71/1	
			F	DRUM	**VO1007**	1500537, 6866896/1	413	163	245	228	286	10x26.5	2CS2T							VL/74/75/1	
	1970		F	DRUM	**VO1007**	1500537, 6866896/1	413	163	245	228	286	10x26.5	2CS2T							VL/74/75/1	
	1966	1977	R	DRUM	**VO1001**	324005, 6866899/5	394	190	245	276	286	10x26.5	4CS2T							VL/72/73/1 PSV	
	1970		R	DRUM	**VO1005**	1584131, 366866	394	215	282	289	335	10x28	2CS2T							VL/76/77/1	
			R	DRUM	**VO1006**	1590146, 352787	394	215	282	289	335	10x33	2CS2T							VL/76/77/1	
B59			F	DRUM	**VO1007**	1500537, 6866896/1	413	163	245	228	286	10x26.5	2CS2T							VL/74/75/1	
			R	DRUM	**VO1005**	1584131, 366866	394	215	282	289	335	10x28	2CS2T							VL/76/77/1	
			R	DRUM	**VO1006**	1590146, 352787	394	215	282	289	335	10x33	2CS2T							VL/76/77/1	

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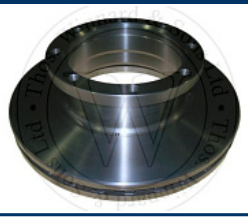
Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
B60			F	DRUM	**VO1007**	1500537, 6866896/1	413	163	245	228	286	10x26.5	2CS2T							VL/74/75/1	
	1987		F	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
			F	DRUM	**VO1027**	1599010	410	205	282	274	335	10x28	2CS2T							VL/88/2	
			F	DRUM	**VO1074**	1599678, 3094888, 311104, 3111104/0	410	190	282	250	335	10x28	2T							VL/87/2	
	1970		R	DRUM	**VO1005**	1584131, 366866	394	215	282	289	335	10x28	2CS2T							VL/76/77/1	
			R	DRUM	**VO1006**	1590146, 352787	394	215	282	289	335	10x33	2CS2T							VL/76/77/1	
	1987		R	DRUM	**VO1018**	1134818, 1590313/1	394	265	282	314	335	10x28	2T							VL/81/82/1	
			R	DRUM	**VO1063**	6782739	410	237	286	284	335	10 x 24.5	2T							VL/89/2	
			R	DRUM	**VO1064**	6782740	410	210	286	273	335	10x24.5	2T							VL/88/2	
C10	1978		F	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
			R	DRUM	**VO1018**	1134818, 1590313/1	394	265	282	314	335	10x28	2T							VL/81/82/1	
D10			F	DRUM	**VO1017**	01134817 4, 01134817-4, 01134817/4, 1134817/4	394	219	282	268	335	10x28	2T							VL/76/77/1	
			R	DRUM	**VO1018**	1134818, 1590313/1	394	265	282	314	335	10x28	2T							VL/81/82/1	
Merit - Pan19-1 plus	2002		F	DISC	**DA1049**	1142086, 1525384, 41142086, II39280F	377	45	117	112	144	10x15	2xM14	WP1389				WA223			
			R	DISC	**DA1050**	1142132, 1525386, ADL 658094-3, ADL 658094/3, CSP-00357, CSP00357	377	45	169	138.5	196	8xM14		WP1389				WA223			
Merit - Pan19-2			F	DISC	**DA1049**	1142086, 1525384, 41142086, II39280F	377	45	117	112	144	10x15	2xM14	WP129				WA229			
			R	DISC	**DA1050**	1142132, 1525386, ADL 658094-3, ADL 658094/3, CSP-00357, CSP00357	377	45	169	138.5	196	8xM14		WP129				WA229			
Olympian	1988		F	DISC	**VO1060**	3112965-3, 3112965/3, 31129650	438	45	195	127	235	10xM16		WP1047	WP1047S2	WL013	WL013	WA213			
			F	DRUM	**VO1074**	1599678, 3094888, 311104, 3111104/0	410	190	282	250	335	10x28	2T							VL/87/2	
			R	DRUM	**VO1075**	3111116/4, 311116	410	237	282	286	335	10x28	2CS2T							VL/89/2	
Wabco Brake							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Maxx 22T 2.0	2018		F	DISC	**TBA DISC**	Part number to be advised								WP1604							
			R	DISC	**TBA DISC**	Part number to be advised								WP1604							
Wright Bus							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
Routemaster NBFL	2012		F	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			F	DISC	**BO1002S**	- WINNARD SOLID VERSION, 0.8213.5830, 000 420 02 72, 0004200172, 0004200272, 0004210312	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**BO1002**	- SOLID VERSION AVAILABLE BO1002S, 0.8213.5830, 0501/316/953/01, 050131449, 050131522, 050131695	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**BO1002S**	- WINNARD SOLID VERSION, 0.8213.5830, 000 420 02 72, 0004200172, 0004200272, 0004210312	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
StreetLite LWB	2010		F	DISC	**WR1002**	ADL 664242-5, ADL 664242/5, CSP-00356, CSP00356, K039422	374	45	117	114	145	10x14.75	2T	WP1329		WL085		WA230	WA231		

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**DA1050**	1142132, 1525386, ADL 658094-3, ADL 658094/3, CSP-00357, CSP00357	377	45	169	138.5	196	8xM14		WP1329		WL085		WA230	WA231		
StreetLite SWB			F	DISC	**WR1001**	CSP-00263, CSP00263, F5186-88, F5186/88, F518688, R1800050 ? x-ref needs confirmation	330	34	95	95	120	10x14.75	2T	WP1279		WL023					
			R	DISC	**DA1052**	12162003, 1406872, 1407581, 1408672, 32060015, 6121620032	330	34	150	119	175	12xM12		WP1279		WL023					
York (Hendrickson)							**A**	**B**	**C**	**D**	**E**	**F**	**Other**								
311 (12.25	1980		T	DRUM	**YO1009**	501774, 79792164	311	191	178	221	225	10x23.6	6T							MQ/3/4/3	
			T	DRUM	**YO1010**	501481	311	206	222	221	275	8x23.6	6T							MQ/3/4/3	
			T	DRUM	**YO1008**	501774	311	191	178	221	225	10x23.6								MQ/3/4/3	
			T	DRUM	**YO1005**	501481	311	206	222	221	275	8x23.6								MQ/3/4/3	
311 (12.25") x 127 (5.00")			T	DRUM	**YO1006**	500445	311	129	222	170	275	8x23.6								MQ/1/2/3	
			T	DRUM	**YO1013**	504030	311	140	178	170	225	10x24								MQ/1/2/3	
311 (12.25") x 209 (8.25")			T	DRUM	**YO1007**	502496, Y502496	311	217	178	277	225	10x23.6								YK/10/11/1	
335 x 150			T	DRUM	**YO1021**	786464, AMH786464, H786464, Y786464	335	168	178	210	225	10x24								YK/13/1	
			T	DRUM	**YO1022**	786174	335	215	222	270	275	8x23.5								YK/13/1	
335 x 210			T	DRUM	**YO1011**	506412, 507317, 7972163, Y506412, Y507317/SC, Y507317SC	335	229	178	270	225	10x23.6	6T							YK/12/1	
			T	DRUM	**YO1029**	507317	335	229	178	270	225	10x23.5	6T							YK/12/1	
394 (15.50") x 127 (5.00")			T		**TBA**	Part number to be advised															
394 (15.50") x 153 (6.00")			T	DRUM	**YO1023**	500117	394	171	283	222	335	10x23								GG/83/1	
394 (15.50") x 178 (7.00")			T	DRUM	**YO1001**	500761, Y500761	394	194	283	235	335	10x23.6								YK/6/7/3	
394 (15.50") x 203 (8.00")			T	DRUM	**YO1002**	500770, Y500770	394	225	283	251	335	10x23.6								YK/8/9/3	
394 x 108			T		**TBA**	Part number to be advised															
419 (16.50") x 178 (7.00")			T	DRUM	**YO1014**	501788	419	192	283	248	335	10x23.6								IL/66/67/3	
			T	DRUM	**YO1018**	790204	419	193	223	254	285	8x23								IL/66/67/3	
419 (16.50") x 178 (7.00") H2000 Series	1991	1993	T	DRUM	**YO1012**	786108, Y786108	419	188	281	236	335	10x23	2T							IL/66/67/3	
	1993		T	DRUM	**YO1019**	786449, Y786449	419	188	283	236	335	10x24	2T							IL/66/67/3	
419 (16.50") x 219 (8.63")	1980		T	DRUM	**YO1003**	501786, Y501786	419	233	283	268	335	10x23.6								FU/4/5/3	WBSK0014
419 (16.50") x 219 (8.63") H2000 Series	1991	1993	T	DRUM	**YO1015**	786110	419	228	281	276	335	10x23	2T							FU/4/5/3	WBSK0014
	1993		T	DRUM	**YO1020**	786450, H786450	419	228	283	276	335	10x24	2T							FU/4/5/3	WBSK0014
Brake Discs - Knorr SB5000 17.5" Wheels	1998		T	DISC	**MNE1076**	A0024204801, A6864230112, A9704230312, A9704230412, A9704230612, A9704231012	335	34	145	111	177	8xM12		WP1277				WA238			
			T	DISC	**MNE1082**	A9704230012, A9704230512, A9704230712, A9704231312, A9704232112	335	34	152	111	177	8xM12		WP1277				WA238			
Brake Discs - Knorr SB6000 19.5" Wheels			T	DISC	**MNE1077**	A6754210112, A6864210012, A9754210012, A9754210112, A9754210212, A9754210512	377	45	106	134	138	14x14.5		WP1329				WA231			
			T	DISC	**MNE1078**	797319/01, A6754210312, A6754230012, A6754230312, A6864230012, A9754210312	377	45	176	139	201	8xM14		WP1329				WA231			
	2002		T	DISC	**MNE1108**	JOST JAE0110400012, MERC A6754210012, MERC A6754210112, SCHMITZ 1002522	377	45	211	131	238	10xM14		WP1329				WA231			

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
							A	B	C	D	E	F	Other								
Brake Discs - Knorr SB7000 22.5" Wheels	1998		T	DISC	**MNE1065**	- SOLID VERSION AVAILABLE MNE1065S, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
			T	DISC	**MNE1065S**	- WINNARD SOLID VERSION, 0001134600, 0004200772, 1134600, 1137415, 1149978	430	45	211	132.5	238	10xM14		WP988	WP988S2			WA230			
Brake Discs - Knorr SB7000 22.5" Wheels - Australian Application	2000		T	DISC	**YO1031**	98815-011, 98815-016, 98815-026, 98815011, 98815016, 98815026	430	45	219.8	150.1	249.5	10xM16		WP988	WP988S2			WA230			
Yutong																					
6121	2012		F	DISC	**YU1001**	3501-00114, 350100114	430	45	203.1	131	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**IS1022**	1-42316-051-0, 1423160510, 23-123647-002, 23123647002, 6316229CG, NABI 6333812	433.5	45	194	143.35	249.2	10xM16	6 x (1/4" - 20 UNC) Threaded holes on base of disc for ABS location	WP136	WP136S2			WA251			
6122	2016		F	DISC	**YU1001**	3501-00114, 350100114	430	45	203.1	131	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**YU1004**	3502-00336, 350200336	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
			R	DRUM	**YU1007**	3501 01778, 3501-01778															
6126	2012		F	DISC	**YU1001**	3501-00114, 350100114	430	45	203.1	131	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**YU1004**	3502-00336, 350200336	430	45	203	131	235	10xM16		WP988	WP988S2			WA230			
6129 Euro 5	2010		F	DISC	**IS1022**	1-42316-051-0, 1423160510, 23-123647-002, 23123647002, 6316229CG, NABI 6333812	433.5	45	194	143.35	249.2	10xM16	6 x (1/4" - 20 UNC) Threaded holes on base of disc for ABS location	WP136	WP136S2			WA251			
			R	DISC	**IS1022**	1-42316-051-0, 1423160510, 23-123647-002, 23123647002, 6316229CG, NABI 6333812	433.5	45	194	143.35	249.2	10xM16	6 x (1/4" - 20 UNC) Threaded holes on base of disc for ABS location	WP136	WP136S2			WA251			
6129 Euro 6	2014		F	DISC	**YU1001**	3501-00114, 350100114	430	45	203.1	131	235	10xM16		WP988	WP988S2			WA230			
			R	DISC	**IS1022**	1-42316-051-0, 1423160510, 23-123647-002, 23123647002, 6316229CG, NABI 6333812	433.5	45	194	143.35	249.2	10xM16	6 x (1/4" - 20 UNC) Threaded holes on base of disc for ABS location	WP136	WP136S2			WA251			
6129 With Rear Drum Brakes	2016		F	DISC	**YU1001**	3501-00114, 350100114	430	45	203.1	131	235	10xM16		WP988	WP988S2			WA230			
			R	DRUM	**YU1008**	3502 00423, 3502-00423															
			R	DRUM	**YU1009**	3501 00988, 3501-00988															
6938	2012		F	DISC	**YU1002**	3501-00321, 350100321	376	45	160	123	190	8xM14		WP119				WA247			
			R	DISC	**YU1003**	3501-01825, 350101825	376	45	169	57.5	190	16x12.5	4 x M6 FOR ABS LOCATION ON 190 PCD	WP119				WA247			
TC 9 Euro 6	2015		F	DISC	**YU1002**	3501-00321, 350100321	376	45	160	123	190	8xM14		WP119		WL082	WL082				

Model	From	To	Position	Type	Winnard	Cross Reference numbers and notes	Disc and Drum Dimensions							Standard	Stage 2	W/Lead	W/Lead*	F/Kit	F/Kit*	Lining	Lined Shoe Kit
			R	DISC	**YU1003**	3501-01825, 350101825	376	45	169	57.5	190	16x12.5	4 x M6 FOR ABS LOCATION ON 190 PCD	WP119		WL082	WL082				
TC 12 Euro 6			F	DISC	**IS1022**	1-42316-051-0, 1423160510, 23-123647-002, 23123647002, 6316229CG, NABI 6333812	433.5	45	194	143.35	249.2	10xM16	6 x (1/4" - 20 UNC) Threaded holes on base of disc for ABS location	WP136	WP136S2			WA251			
			R	DISC	**IS1022**	1-42316-051-0, 1423160510, 23-123647-002, 23123647002, 6316229CG, NABI 6333812	433.5	45	194	143.35	249.2	10xM16	6 x (1/4" - 20 UNC) Threaded holes on base of disc for ABS location	WP136	WP136S2			WA251			

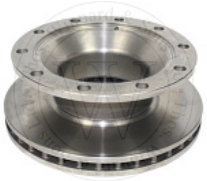
Brake Discs

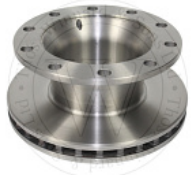
BC1001	BC1004	BC1004ABS	BEN1001
			
		BRAKE DISC SUPPLIED WITH ABS RING INSTALLED	Supplied with 10 x 5/8 UNC HUB BOLTS - U-shaped Brake Disc 138mm
(A): 430 (B): 45 (C): 200 (D): 131 (E): 235 (F): 8xM16	(A): 432 (B): 45 (C): 203 (D): 131 (E): 235 (F): 10xM16	(A): 432 (B): 45 (C): 203 (D): 131 (E): 235 (F): 10xM16	(A): 430 (B): 45 (C): 220 (D): 138.2 (E): 249.5 (F): 10x5/8"

BEN1002	BEN1023	BMC1009	BMC1010
			
Supplied with 10 x 5/8 UNC hub bolts - U-shaped Brake Disc 150mm		Built in ABS ring with Zinc based rust preventative coating.	Drilled for Front & Rear ABS ring location
(A): 430 (B): 45 (C): 220 (D): 150 (E): 249.5 (F): 10x5/8	(A): 430 (C): 201.9 (D): 151.8 (E): 250 (F): 10x5/8	(A): 330 (B): 34 (C): 157 (D): 124 (E): 180 (F): 12xM12	(A): 377 (C): 169 (D): 128.5 (E): 196 (F): 8xM14

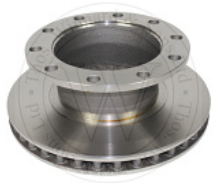
BO1001	BO1002	BO1002S	BO1003
			
		NON ABS VERSION OF DE1053	
(A): 429 (C): 220 (D): 131 (E): 245 (F): 20xM12	(A): 430 (B): 45 (C): 203 (D): 131 (E): 235 (F): 10xM16	(A): 430 (B): 45 (C): 203 (D): 131 (E): 235 (F): 10xM16	(A): 430 (B): 45 (C): 200 (D): 131 (E): 235 (F): 10xM16

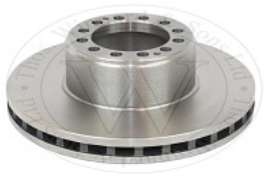
Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

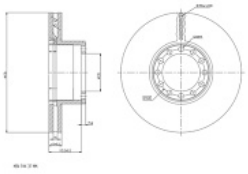
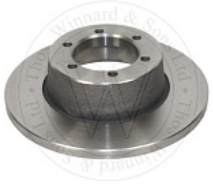
BP1017	BP1021	BP1022	BP1024
			
Location for ABS ring.	5 Threaded holes for ABS sensor location. PLEASE NOTE: We recommend that the wheel studs are drawn into place using the wheel nut and a spacer. DO NOT HAMMER THE STUDS IN.	PLEASE NOTE: We recommend that the wheel studs are drawn into place using the wheel nut and a spacer. DO NOT HAMMER THE STUDS IN.	5 Threaded holes for ABS sensor location. PLEASE NOTE: We recommend that the wheel studs are drawn into place using the wheel nut and a spacer. DO NOT HAMMER THE STUDS IN.
(A): 430 (B): 45 (C): 290 (D): 160 (E): 335 (F): 10x23	(A): 377 (B): 45 (C): 290 (D): 160 (E): 335 (F): 10x23	(A): 430 (C): 290 (D): 160 (E): 335 (F): 10x23	(A): 377 (B): 45 (C): 290 (D): 160 (E): 335 (F): 10x23

BP1026	BP1026S	BP1027	BP1029
			
5 Threaded holes for ABS sensor location	SOLID VERSION OF BP1026	5 Threaded holes for ABS sensor location	
(A): 377 (B): 45 (C): 230 (D): 160 (E): 275 (F): 8x23	(A): 377 (B): 45 (C): 230 (D): 160 (E): 275 (F): 8x23	(A): 377 (B): 45 (C): 230 (D): 160 (E): 275 (F): 8x23	(A): 377 (B): 45 (C): 222 (D): 165 (E): 286 (F): 10x23

BP1030	BP1038	BP1039	BP1040
			
	5 Threaded holes for ABS sensor location	5 Threaded holes for ABS sensor location	BP1022 has now been replaced by BP1040
(A): 377 (B): 45 (C): 290 (D): 169.5 (E): 335 (F): 10x23	(A): 377 (B): 45 (C): n/a (D): 160 (E): 335 (F): 10x22.5	(A): 377 (B): 45 (C): n/a (D): 160 (E): 335 (F): 10x22.5	(A): 430 (B): 45 (C): n/a (D): 160 (E): 335 (F): 10x23

BP1051	BP1056	BP1058	BP1059
			
		KTL Anti corrosive coating - Built in Steel ABS ring	
(A): 430 (B): 45 (C): 222 (D): 159.5 (E): 285.75 (F): 10x23	(A): 374 (B): 45 (C): 230 (D): 160 (E): 275 (F): 8x23	(A): 335 (B): 34 (C): 160 (D): 115 (E): 185 (F): 10xM16	(A): 374 (B): 45 (C): - (D): 159.5 (E): 335 (F): 10x22.5

BP1069	BP1089	BRE1002	BRE1003
			
(A): 335 (B): 34 (C): 165 (D): 134 (E): 205 (F): 6x21	(C): TBC (D): 134 (E): 205 (F): 6x21	(A): 354 (B): 40 (C): 142 (D): 83.5 (E): 165 (F): 16x12.5	(A): 432 (C): 135 (D): 131 (E): 168 (F): 12x19

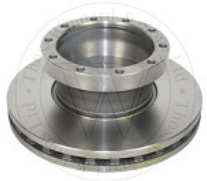
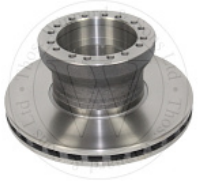
BRE1004	CAR1001	CD1020	CD1024
			
			Solid brake disc
(A): 430 (B): 45 (C): 135 (D): 131 (E): 168 (F): 16x19	(A): 435 (C): 167 (D): 86 (E): 184 (F): 16x8.7	(A): 300 (B): 27 (C): 94 (D): 62 (E): 118 (F): 6x13	(A): 298 (B): 15 (C): 94 (D): 73 (E): 118 (F): 6x13

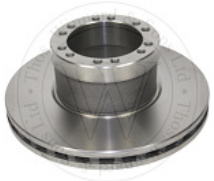
CIT1001	CIT1002	CIT1006	CIT1007
			
(A): 281 (C): 59 (D): 43.5 (E): 98 (F): 5x16.5	(A): 257 (C): 59 (D): 40.5 (E): 98 (F): 5x16.5	(A): 280 (B): 28 (C): 73 (D): 70 (E): 118 (F): 5x15.5	(A): 280 (B): 16 (C): 72 (D): 80 (E): 118 (F): 5x15.5

CIT1008	CIT1009	CIT1010	CIT1011
			
(A): 300 (B): 24 (C): 80 (D): 66 (E): 130 (F): 5x17.5 + 2x8.7	(A): 280 (B): 16 (C): 79 (D): 80 (E): 130 (F): 5x17.5	(A): 300 (B): 32 (D): 74 (E): 130 (F): 5x17.5	(A): 300 (B): 16 (C): 79 (D): 80 (E): 130 (F): 5x17.5

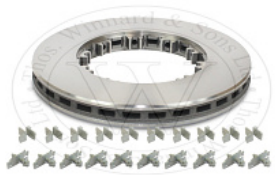
CIT1012	CIT1013	CIT1014	CIT1015
			
			SOLID BRAKE DISC
(A): 280 (B): 24 (C): 73 (D): 66 (E): 118 (F): 5x15.5	(A): 280 (B): 16 (C): 72 (D): 82 (E): 118 (F): 5x15.6	(A): 280 (B): 16 (C): 79 (D): 82 (E): 130 (F): 5x17.7	(A): 280 (B): 18 (C): 73 (D): 59 (E): 118 (F): 5x15.7 + 2x8.7

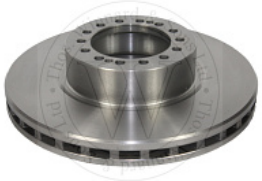
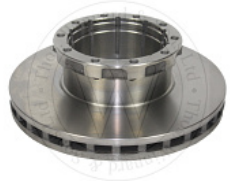
CV1001	DA1019	DA1044	DA1045
			
		Built in ABS ring with Zinc based rust preventative coating. A steel ABS version is available part DA1051.	Built in ABS ring with Zinc based rust preventative coating. A steel ABS version is available DA1052.
(A): 310 (C): 94 (D): 91 (E): 160 (F): 6x28,6x9	(A): 457 (B): 48 (C): 170 (D): 119 (E): 195 (F): 10xM16	(A): 330 (B): 34 (C): 117 (D): 123 (E): 138 (F): 12xM12	(A): 330 (B): 34 (C): 150 (D): 119 (E): 175 (F): 12xM12

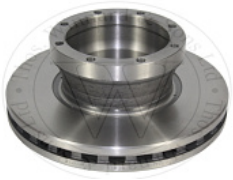
DA1046	DA1047	DA1048	DA1049
			
	Built in ABS ring with Zinc based rust preventative coating.	Built in ABS ring with Zinc based rust preventative coating. DA1054 is the same disc but with a STEEL ABS ring.	
(A): 375 (B): 45 (C): 117 (D): 99 (E): 144 (F): 10x15	(A): 375 (B): 45 (C): 179 (D): 146 (E): 209 (F): 10xM14	(A): 330 (B): 34 (C): 133 (D): 143 (E): 155 (F): 16xM12	(A): 377 (B): 45 (C): 117 (D): 112 (E): 144 (F): 10x15

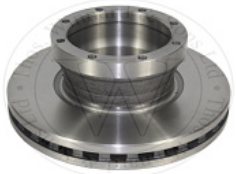
DA1050	DA1051	DA1052	DA1054
			
CAST ABS TEETH WITH ZINC BASED PROTECTIVE COATING	Supplied with a seperate steel ABS ring and retaining clip. DA1044 can be used to replace this disc but the ABS sensor will require re-alignment.	Supplied with improved separate steel ABS ring which is bolted into position to prevent movement.	With built in STEEL ABS ring. Can replace DA1048.
(A): 377 (B): 45 (C): 169 (D): 138.5 (E): 196 (F): 8xM14	(A): 330 (B): 34 (C): 117 (D): 123 (E): 138 (F): 12xM12	(A): 330 (B): 34 (C): 150 (D): 119 (E): 175 (F): 12xM12	(A): 330 (B): 34 (C): 133 (D): 143 (E): 155 (F): 16xM12

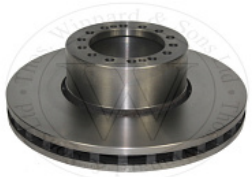
DA1057	DA1057S	DA1058	DA1059
			
			PATENTED DESIGN WITH HEAT AND WEAR RESISTANT INTERMEDIATE SPACES. THIS DESIGN CAN REPLACE OUR DA1058 AND WILL PROVIDE IMPROVED THERMAL CONDUCTIVITY AND REDUCE LOCATION WEAR. **** PLEASE NOTE: THIS IS AN INTERFERENCE FIT DESIGN AND SHOULD BE FITTED USING A PRESS ****
(A): 330 (B): 34 (C): 95 (D): 113 (E): 120 (F): 10x14.75	(A): 330 (B): 34 (C): 95 (D): 113 (E): 120 (F): 10x14.75	(A): 432 (B): 45 (C): 217 (D): 45 (E): 230 (F): 10x 8.5 (Torque Setting 20Nm)	(A): 430 (B): 45 (C): 217 (D): 45 (E): 230 (F): 10x8.5 (Torque Setting 20Nm)

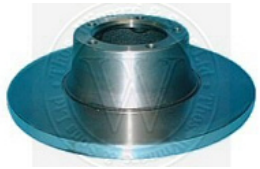
DA1060	DA1063	DA1065	DE1032
			
	BRAKE DISC WITH FITTING KIT	SUPPLIED WITH A STEEL ABS RING	
(A): 330 (B): 34 (C): 150 (D): 119 (E): 175 (F): 18xM12	(A): 432 (B): 45 (C): 217 (D): 45 (E): 230 (F): 10x 8.5	(A): 375 (B): 45 (C): 179 (D): 146 (E): 209 (F): 10xM14	(A): 354 (B): 30 (C): 128 (D): 82 (E): 151 (F): 10x12.3

DE1039	DE1041	DE1050	DE1052
			
	DE1041 Has an external vent design, by this we mean that the air flow goes through the disc and vents at the back. There is a new design of disc DE1060 which vents at the front.		
(A): 440 (B): 45 (C): 190 (D): 135 (E): 225 (F): 10xM16	(A): 437 (B): 45 (C): 136 (D): 130 (E): 165 (F): 10x17	(A): 430 (B): 45 (C): 135 (D): 105 (E): 165 (F): 14x15	(A): 432 (B): 45 (C): 194 (D): 135 (E): 220 (F): 10xM16

DE1053	DE1053+2	DE1054	DE1055
			
BUILT IN CAST ABS TEETH	NEW BOLT ON MILLED KTL COATED STEEL ABS RING DESIGN		CAST ABS TEETH
(A): 430 (B): 45 (C): 203 (D): 131 (E): 235 (F): 10xM16	(A): 430 (B): 45 (C): 203 (D): 131 (E): 235 (F): 10xM16	(A): 375 (B): 45 (C): 117 (D): 108 (E): 144 (F): 10x15	(A): 375 (B): 45 (C): 169 (D): 138 (E): 196 (F): 8xM14

DE1055+	DE1058	DE1059	DE1060
			
NEW KTL COATED REPLACEABLE STEEL ABS RING			Exhaust venting on the hub side, by this we mean that the air flow goes through the disc and exhaust at the front. There is an older version of this disc DE1041 which exhausts at the back..
(A): 375 (B): 45 (C): 169 (D): 138 (E): 196 (F): 8xM14	(A): 393 (C): 165 (D): 93 (E): 187 (F): 20x14.5	(A): 430 (B): 45 (C): 135 (D): 114.7 (E): 165 (F): 14x14.75	(A): 438 (B): 45 (C): 136 (D): 130 (E): 165 (F): 10x17

DE1061	ER1045	ER1049	FD1022
			
(A): 438 (B): 45 (C): 136 (D): 130.5 (E): 165 (F): 14x14.8mm	(A): 435 (B): 45 (C): 210 (D): 150 (E): 240 (F): 12xM16	(A): 434 (B): 45 (C): 210 (D): 145.5 (E): 240 (F): 12xM16	(A): 322 (B): 30 (C): 148 (D): 126 (E): 205 (F): 6x21

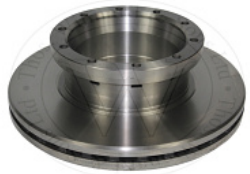
FD1026	FD1036	FD1037	FD1039
			
	Solid brake disc	Solid brake disc	
(A): 270 (C): 78 (D): 73 (E): 100 (F): 5x9	(A): 270 (C): 78 (D): 73 (E): 100 (F): 5x8T	(A): 253 (C): 78 (D): 32 (E): 100 (F): 5x8T	(A): 254 (B): 24.5 (C): 78.5 (D): 43 (E): 100 (F): 5xM10

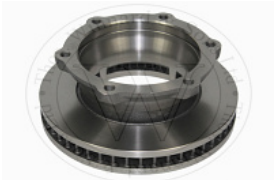
FD1040	FD1042	FD1043	FD1047
			
(A): 270 (B): 24 (C): 78.5 (D): 43 (E): 100 (F): 5xM10	(A): 294 (B): 24.5 (C): 80 (D): 43 (E): 100 (F): 5xM10	(A): 276 (B): 24 (C): 82 (D): 43 (E): 100 (F): 5xM10	(A): 277 (B): 24 (C): 63 (D): 44 (E): 108 (F): 5x13.5

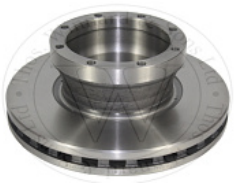
FD1048	FD1049	FD1050	FD1051
			
	NEW DESIGNED built in steel ABS ring	This brake disc is the same as FD1058 but with M10 mounting holes	
(A): 280 (B): 28 (C): 93 (D): 54 (E): 112 (F): 5xM10	(A): 280 (B): 16 (C): 96 (D): 69 (E): 160 (F): 5xM10	(A): 300 (B): 28 (C): 93 (D): 54.5 (E): 112 (F): 5xM10	(A): 280 (B): 16 (C): 107.5 (D): 16 (E): 124 (F): 10x10.7

FD1052	FD1056	FD1057	FD1058
			
PART NO LONGER STOCKED BUT IS AVAILABLE TO SPECIAL ORDER - MOQ's APPLY	WITH WINNARD DESIGNED SCREW FIXED ABS RING - THERE IS SOME MARKET CONFUSION ON CROSS REFERENCES WITH FD1064 - TO ENSURE THE CORRECT DISC PLEASE CHECK THE DISCS DIAMETER - FD1056 is 288mm - FD1064 is 308mm		This brake disc is the same as FD1050 but with M12 mounting holes
(C): 63.7 (D): 53.8 (E): 108 (F): 5x13.8	(A): 288 (B): 16 (C): 119.85 (D): 69 (E): 160 (F): 5xM10	(A): 288 (B): 33 (C): 93 (D): 55.5 (E): 111.5 (F): 5xM10	(A): 300 (B): 28 (C): 93 (D): 54.4 (E): 113.5 (F): 5xM12

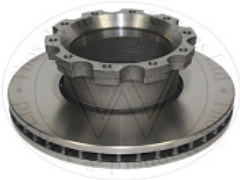
FD1059	FD1060	FD1061	FD1062
			
(A): 308 (B): 33 (C): 93 (D): 55.5 (E): 111.5 (F): 5xM10 x1.5	(A): 308 (B): 31 (C): 93 (D): 61 (E): 113.5 (F): 5xM12 x 1.5	(A): 308 (B): 16 (C): 122.45 (D): 25.5 (E): 150 (F): 5xM12 x 1.75	(A): 308 (B): 18 (C): 122.45 (D): 22 (E): 148 (F): 6x13.5

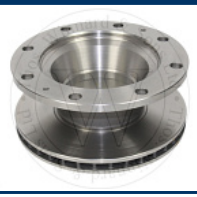
FD1063	FD1064	FON1001	GD1001
			
	SUPPLIED WITH WINNARD DESIGNED SCREW ON ABS RING - THERE IS SOME MARKET CONFUSION ON CROSS REFERENCES WITH FD1064 - TO ENSURE THE CORRECT DISC PLEASE CHECK THE DISCS DIAMETER - FD1056 is 288mm - FD1064 is 308mm		
(A): 284 (B): 16 (C): 107.1 (D): 43.9 (E): 124 (F): 10x10.7	(A): 308 (B): 16 (C): 119.85 (D): 69 (E): 160 (F): 5xM10	(A): 430 (B): 45 (C): 208 (D): 135 (E): 235 (F): 10xM16	(A): 430 (B): 45 (C): 203 (D): 132.5 (E): 238 (F): 10xM16

GN1004	GN1006	HAN1001	HI1006
			
		DIMENSIONS NEED CONFIRMING	
(A): 377 (B): 45 (C): 169 (D): 139 (E): 196 (F): 8xM14	(A): 335 (B): 34 (C): 152 (D): 111 (E): 177 (F): 8xM12	(A): 377 (B): 45 (C): 169 (D): 135 (E): 200 (F): 8xM12	(A): 287 (B): 40 (C): 171 (D): 105 (E): 205 (F): 6xM14

HI1007	ING1001	IS1001	IS1002
			
(A): 287 (B): 40 (C): 144 (D): 101 (E): 185 (F): 6xM14	(A): 375 (B): 45 (C): 169 (D): 138 (E): 196 (F): 8xM14 with 2.0 thread size	(A): 310 (B): 42 (C): 110 (D): 55.5 (E): 136 (F): 12x12.25	(A): 265 (B): 35 (C): 103 (D): 84 (E): 145 (F): 6xM14

IS1003	IS1007	IS1008	IS1009
			
(A): 293 (B): 40 (C): 110 (D): 58 (E): 137 (F): 12x12	(A): 282 (B): 35 (C): 110 (D): 62 (E): 136 (F): 12x12	(A): 265 (B): 35 (C): 108 (D): 80 (E): 142 (F): 6xM14	(A): 275 (B): 30 (C): 156 (D): 99 (E): 180 (F): 5xM14

IS1022	IS1023	IS1025	IV1002
			
			Complete with wheel studs
(A): 433.5 (B): 45 (C): 194 (D): 143.35 (E): 249.2 (F): 10xM16	(A): 310 (B): 42 (C): 164 (D): 107 (E): 204 (F): 6xM14	(A): 293 (B): 40 (C): 164 (D): 109 (E): 204 (F): 6xM14	(A): 280 (B): 16 (C): 124 (D): 142 (E): 170 (F): 6xM18

IV1006	IV1006WS	IV1007WS	IV1009
			
Supplied without wheel studs, fits both front and rear. Can be fitted with an ABS insert ABS0005 which can be removed from the old disc and is fitted up to 2007.		Complete with wheel studs SUITABLE FOR REAR AXLE ONLY. Can be fitted with an ABS insert ABS0005 which can be removed from the old disc and is fitted up to 2007.	
(A): 304 (B): 30 (C): 165 (D): 128 (E): 205 (F): 6x18	(A): 304 (B): 30 (C): 165 (D): 128 (E): 205 (F): 6x18	(A): 304 (B): 30 (C): 165 (D): 128 (E): 205 (F): 6x18	(A): 322 (B): 30 (C): 215 (D): 134 (E): 275 (F): 8x20

IV1013	IV1016	IV1017	IV1018
			
Complete with wheel studs	Complete with wheel studs	Complete with wheel studs	Complete with wheel studs
(A): 267 (B): 14 (C): 124 (D): 105 (E): 170 (F): 6xM18	(A): 315 (B): 26 (C): 160 (D): 120 (E): 205 (F): 6x18 (STUDS M18 x 1.5)	(A): 322 (B): 30 (C): 220 (D): 130 (E): 275 (F): 8x19	(A): 370 (B): 45 (C): 215 (D): 150 (E): 275 (F): 8x20

IV1019	IV1021	IV1023	IV1027
			
Complete with wheel studs	Complete with wheel studs	Solid brake disc complete with wheel studs	Fits Eurostar up to chassis number C043134 and Eurotech upto 4-196434
(A): 370 (B): 45 (C): 215 (D): 181 (E): 275 (F): 8x22.5	(A): 290 (B): 25 (C): 161 (D): 160 (E): 205 (F): 6xM18	(A): 266 (B): 14 (C): 124 (D): 155 (E): 170 (F): 6xM18	(A): 430 (B): 50 (C): 170 (D): 102 (E): 195 (F): 12xM16

IV1030	IV1039	IV1040	IV1042
			
	Solid brake disc complete with wheel studs. Has a 68mm central hub diameter. See IV1079 which has a 64mm central diameter hub.	BUILT IN HANDBRAKE DRUM - 172mm x 47mm	
(A): 315 (B): 35 (C): 145 (D): 154 (E): 205 (F): 6x18 2T	(A): 290 (B): 22 (C): 125 / 68 (D): 110 (E): 170 (F): 6xM18	(A): 289 (B): 22 (C): 84 (D): 85 (E): 108 (F): 8x10.5	(A): 425 (B): 45 (C): 285 (D): 171 (E): 335 (F): 10x22

IV1043	IV1044	IV1050	IV1054
			
		4 Discs required per axle	Solid brake disc
(A): 417 (B): 30 (C): 157 (D): 80 (E): 186 (F): 10x18	(A): 425 (B): 45 (C): 215 (D): 166 (E): 255 (F): 10xM16	(A): 417 (B): 28 (C): 159 (D): 67 (E): 186 (F): 10x18.5	(A): 276 (B): 22 (C): 73 (D): 73 (E): 118 (F): 5x16

IV1055	IV1056	IV1064	IV1064S
			
Solid brake disc	Solid brake disc with ABS teeth with Zinc based rust preventative coating.		
(A): 276 (B): 16 (C): 73 (D): 70 (E): 118 (F): 5x16	(A): 276 (B): 16 (C): 73 (D): 70 (E): 118 (F): 5x16	(A): 432 (B): 45 (C): 210 (D): 138.5 (E): 240 (F): 12xM16	(A): 432 (B): 45 (C): 210 (D): 138.5 (E): 240 (F): 12xM16

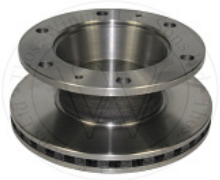
IV1065	IV1066	IV1067	IV1068
			
ABS teeth on base of disc with Zinc based rust preventative coating. Supplied with wheel studs.	Supplied with wheel studs fitted.	ABS teeth on base of disc with Zinc based rust preventative coating.	
(A): 377 (B): 45 (C): 215 (D): 151 (E): 275 (F): 8x20.5	(A): 375 (B): 45 (C): 215 (D): 151 (E): 275 (F): 8x22.5	(A): 330 (B): 34 (C): 215 (D): 141 (E): 275 (F): 8x20	(A): 290 (B): 26 (C): 80 (D): 53 (E): 110 (F): 6x12.6

IV1069	IV1077	IV1078	IV1079
			
BUILT IN HANDBRAKE DRUM - 190 x 63		Built in ABS teeth on base of disc	Supplied complete with wheel studs. This disc has a 64mm central hub diameter. See IV1039 which has a 68mm central diameter hub.
(A): 306 (B): 22 (C): 178 (D): 137 (E): 215 (F): 6xM10	(A): 377 (B): 45 (C): 113 (D): 106.5 (E): 144 (F): 14x15	(A): 296 (B): 16 (C): 76 (D): 69 (E): 125 (F): 6x15.5	(A): 290 (B): 22 (C): 130 / 64 (D): 110 (E): 95 (F): 6x12.6

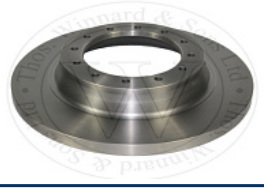
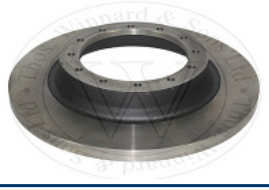
IV1082	IV1082+	IV1083	IV1089
			
	ABS RING UPGRADE - NOW SUPPLIED WITH A KTL COATED STEEL ABS RING	ABS Teeth on base. Pillar Type Vents, supplied with wheel studs 72mm long.	Supplied with a Steel ABS ring (Fits after chassis number 202479255 to 2524069).
(A): 431 (B): 45 (C): 210 (D): 138.5 (E): 240 (F): 12xM16	(A): 431 (B): 45 (C): 210 (D): 138.5 DISC / 154.5 INC ABS RING (E): 240 (F): 12xM16	(A): 377 (B): 45 (C): 225 (D): 151 (E): 275 (F): 8x20	(A): 304 (B): 30 (C): 165 (D): 128.5 (E): 205 (F): 6x18

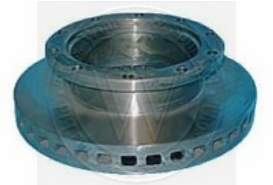
IV1090	IV1091	IV1092	IV1093
			
Built in ABS teeth (100)			
(A): 377 (B): 45 (C): 225 (D): 151 (E): 275 (F): 8x22	(A): 300 (B): 28 (C): 78 (D): 74.5 (E): 125 (F): 6x15.6	(A): 290 (B): 28 (C): 64 (D): 46 (E): 95 (F): 9x12.5	(A): 300 (B): 30 (C): 83 (D): 59 (E): 111 (F): 9x14.5

IV1094	IV1095	IV1097	IV1098
			
Built in cast ABS teeth.	BUILT IN HANDBRAKE DRUM 190 x 58		
(A): 294 (B): 24 (C): 84 (D): 87.5 (E): 108 (F): 8x10.5	(A): 306 (B): 28 (C): 178 (D): 132 (E): 215 (F): 6xM10	(A): 436 (B): 45 (C): 135 (D): 131 (E): 168 (F): 12x19	(A): 435 (B): 45 (C): 210 (D): 139 (E): 238 (F): 10xM16

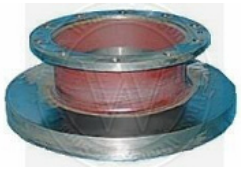
IV1099	IV1100	IV1101	IV1103
			
Pillar type venting and built in ABS teeth.	Built in Steel ABS ring (Fits after chassis number 202479255). Supplied with FRONT wheel studs 65mm long under the head.	Built in Steel ABS ring (Fits after chassis number 202479255). Supplied with REAR wheel studs 77mm long under the head.	Fits on the Rear after Chassis number 2524070. WINNARD ABS RING UPGRADE - ABS RING IS NOW SECURED WITH 5 x M3 ALLEN KEY BOLTS.
(A): 322 (B): 30 (C): 215 (D): 134 (E): 275 (F): 8x20	(A): 304 (B): 30 (C): 165 (D): 128.5 (E): 205 (F): 6x18	(A): 304 (B): 30 (C): 165 (D): 128.5 (E): 205 (F): 6x18	(A): 330 (B): 32 (C): 185 (D): 129.5 (E): 245 (F): 6x20

IV1106	IV1112	IV1116	IV1117
			
	100 Built in CAST ABS teeth with zinc based protective coating		
(A): 330 (B): 32 (C): 185 (D): 129.5 (E): 245 (F): 6x20	(A): 434 (B): 45 (C): 210 (D): 138.5 (E): 240 (F): 12xM16	(A): 297 (B): 22 (C): 85 (D): 77.6 (E): 150 (F): 6x15.3	(A): 430 (B): 45 (C): 132 (D): 102 (E): 168 (F): 12x18.7

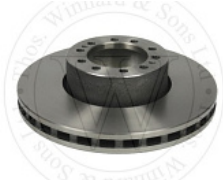
JC1001	JC1002	JC1003	JC1004
			
SOLID BRAKE DISC	SOLID BRAKE DISC	SOLID BRAKE DISC	
(A): 468 (B): 16.3 (C): 200 (D): 68 (E): 230 (F): 12x13	(A): 458 (B): 22 (C): 185 (D): 69.5 (E): 220 (F): 12x13	(A): 460 (B): 22 (C): 200 (D): 69 (E): 227 (F): 12x13	(A): 548 (B): 22 (C): 238 (D): 75 (E): 275 (F): 16x21.5

KA1001	KA1002	KA1003	KA1006
			
(A): 396 (B): 48 (C): 215 (D): 120 (E): 255 (F): 10xM16	(A): 396 (B): 48 (C): 194 (D): 119 (E): 215 (F): 10xM16	(A): 406 (B): 48 (C): 194 (D): 175 (E): 215 (F): 10xM16	(A): 432 (B): 45 (C): 194 (D): 135 (E): 220 (F): 10xM16

KA1007	KA1008	KA1009	KE1006
			
			Solid brake disc
(A): 315 (B): 35 (C): 253 (D): 155 (E): 205 (F): 6x18	(A): 430 (B): 45 (C): 194 (D): 136 (E): 220 (F): 10xM16	(A): 320 (B): 50 (C): 190 (D): 142 (E): 215 (F): 10xM16	(A): 491 (C): 220 (D): 48 (E): 248 (F): 16x18.5

KE1012	KE1014	KE1028	KE1029
			
	Solid brake disc		
(A): 501 (C): 340 (D): 129 (E): 364 (F): 16x14.5	(A): 492 (C): 285 (D): 166 (E): 335 (F): 10x22	(A): 525 (B): 41 (C): 290.1 (D): 136.5 (E): 335 (F): 10xM20	(A): 434 (B): 43 (C): 290 (D): 157.5 (E): 335 (F): 10xM20x1.5

KE1030	KL1001	KL1002	KL1003
			
(A): 525 (C): 222 (D): 53 (E): 265 (F): 12 x 20.6	(A): 430 (B): 45 (C): 207 (D): 124 (E): 239 (F): 10xM16	(A): 375 (B): 45 (C): 167 (D): 59 (E): 186 (F): 12x12mm	(A): 430 (B): 45 (C): 203 (D): 131 (E): 235 (F): 8xM16

KL1004	KOG1001	KOG1002	LE1091
			
			Solid brake disc
(A): 376 (B): 45 (C): 160 (D): 135 (E): 190 (F): 8xM14	(A): 434 (B): 45 (C): 131 (D): 109 (E): 165 (F): 10x17	(A): 430 (B): 45 (C): 132.5 (D): 150 (E): 165 (F): 12X18	(A): 276 (B): 14.4 (C): 82.5 (D): 53 (E): 105 (F): 5x10

LE1093	LE1103	LE1112	LE1124
			
(A): 315 (B): 26 (C): 119 (D): 122 (E): 138 (F): 10xM12	(A): 275 (B): 24 (C): 83 (D): 63 (E): 105 (F): 5x10	(A): 312 (B): 30 (C): 133 (D): 137 (E): 155 (F): 12xM12	(A): 375 (B): 44 (C): 154 (D): 128 (E): 185 (F): 10xM14

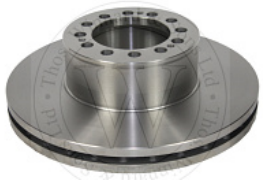
LE1131	LE1141	LE1143	LEC1001
			
For vehicles with ABS brakes			100 CAST ABS TEETH ON BASE OF DISC
(A): 275 (B): 24 (C): 89 (D): 63 (E): 105 (F): 5x10	(A): 294 (B): 24 (C): 80 (D): 71 (E): 130 (F): 5x17	(A): 278 (B): 24 (C): 72 (D): 72 (E): 118 (F): 5x15	(A): 430 (B): 45 (C): 203 (D): 133 (E): 238 (F): 10xM14

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

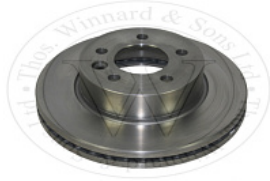
LEC1002	LI1001	MC1001	MC1002A
			
(A): 430 (B): 45 (C): 131 (D): 140 (E): 168 (F): 12x19	(A): 377 (B): 45 (C): 186 (D): 147 (E): 219 (F): 8xM14	(A): 438 (B): 44.5 (C): 194 (D): 143.3 (E): 249.5 (F): 10x 5/8	(A): 434 (B): 44.9 (C): 135 (D): 131 (E): 167.9 (F): 12x19

MC1003	MCW1007	MD1003	MD1005
			
(A): 434 (B): 45 (C): 215.9 (D): 143.3 (E): 266.7 (F): 10x5/8"	(A): 322 (B): 30 (C): 166 (D): 110 (E): 215 (F): 12xM12	(A): 324 (B): 30 (C): 135 (D): 102 (E): 158 (F): 10xM14	(A): 438 (B): 45 (C): 200 (D): 135 (E): 235 (F): 10xM16

MD1006	MD1015	MD1017	MD1021
			
		Built in ABS ring with Zinc based rust preventative coating.	Built in ABS ring with Zinc based rust preventative coating.
(A): 330 (B): 34 (C): 135 (D): 104 (E): 158 (F): 10xM14	(A): 377 (B): 45 (C): 162 (D): 128 (E): 195 (F): 10xM14	(A): 330 (B): 34 (C): 157 (D): 124 (E): 180 (F): 12xM12	(A): 432 (C): 207.5 (D): 135 (E): 235 (F): 10xM16

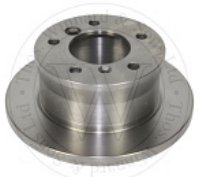
MD1023	MD1023S	MD1024	MD1025
			
(A): 432 (B): 45 (C): 131 (D): 130 (E): 168 (F): 12x19	(A): 432 (B): 45 (C): 131 (D): 130 (E): 168 (F): 12x19	(A): 330 (B): 34 (C): 145 (D): 130 (E): 177 (F): 8xM12	(A): 432 (B): 45 (C): 208 (D): 135 (E): 235 (F): 10xM16

MD1025S	MD1026	MD1027	MD1028
			
(A): 432 (B): 45 (C): 208 (D): 135 (E): 235 (F): 10xM16	(A): 335 (B): 34 (C): 90 (D): 93 (E): 122 (F): 10x15	(A): 335 (B): 34 (C): 154 (D): 118 (E): 176 (F): 10xM14	(A): 377 (B): 45 (C): 106 (D): 108 (E): 144 (F): 12x17

MD1029	MD1030	MD1031	MD1033
			
For the optional H-Drive hub suitable for a front driving axle.			
(A): 432 (B): 45 (C): 208 (D): 118 (E): 230 (F): 16xM12	(A): 380 (B): 45 (C): 155 (D): 106 (E): 178 (F): 12xM14	(A): 380 (B): 45 (C): 169 (D): 137 (E): 192 (F): 12xM14	(A): 303 (B): 28 (C): 76 (D): 70.3 (E): 120 (F): 5x16.6

MD1034	MD1035	MD1036	MD1037
			
BUILT IN HANDBRAKE DRUM - 172 x 45			BUILT IN HANDBRAKE DRUM - 172 x 45
(A): 303 (B): 28 (C): 120 (D): 98 (E): 145 (F): 6x15	(A): 300 (B): 22 (C): 76 (D): 51 (E): 120 (F): 5x16.5	(A): 325 (B): 30 (C): 76 (D): 70.4 (E): 120 (F): 5x16.5	(A): 325 (B): 30 (C): 120 (D): 98.1 (E): 145 (F): 6x15.0

MNE1041	MNE1057	MNE1060	MNE1061
			
NO LONGER KEPT IN STOCK BUT CAN BE SOURCED IF VOLUMES ARE HIGH ENOUGH. TALK TO OUR SALES OFFICE FOR INFORMATION.	Solid brake disc	BUILT IN HANDBRAKE DRUM - 160 x 61	
(A): 280 (B): 16 (C): 88 (D): 79 (E): 112 (F): 5x12.6	(A): 280 (C): 88 (D): 79 (E): 112 (F): 5x12.6	(A): 258 (B): 12 (C): 85 (D): 96 (E): 130 (F): 5x15	(A): 276 (B): 22 (C): 85 (D): 76 (E): 130 (F): 5x15

MNE1062	MNE1063	MNE1065	MNE1065S
			
BUILT IN HANDBRAKE DRUM - 190 x 60		MNE1065 is now made to the heavy duty specification with thicker discs faces and increased weight.	THIS IS A SOLID VERSION OF THE POPULAR MERCEDES ACTROS BRAKE DISC. ALL THE CROSS REFERENCES LISTED REFER TO THE STANDARD VENTED VERSION.
(A): 272 (B): 16 (C): 85 (D): 96 (E): 130 (F): 5x15	(A): 438 (B): 45 (C): 195 (D): 135 (E): 235 (F): 10xM14	(A): 430 (B): 45 (C): 211 (D): 132.5 (E): 238 (F): 10xM14	(A): 430 (B): 45 (C): 211 (D): 132.5 (E): 238 (F): 10xM14

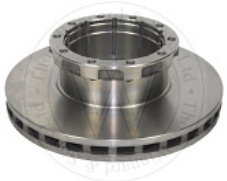
MNE1067	MNE1068	MNE1069	MNE1070
			
		SOLID VERSION AVAILABLE MNE1113	
(A): 304 (B): 30 (C): 118 (D): 91 (E): 140 (F): 6xM12	(A): 304 (C): 157 (D): 121 (E): 192 (F): 6xM12	(A): 324 (B): 30 (C): 118 (D): 91 (E): 140 (F): 6xM12	(A): 324 (B): 30 (C): 157 (D): 121 (E): 192 (F): 6xM12

MNE1071	MNE1072	MNE1073	MNE1075
			
	Solid brake disc		
(A): 276 (B): 22 (C): 67 (D): 60 (E): 112 (F): 5x15	(A): 280 (B): 10 (C): 67 (D): 65 (E): 112 (F): 5x15	(A): 324 (B): 30 (C): 184 (D): 112 (E): 205 (F): 6xM12	(A): 335 (B): 34 (C): 91.6 (D): 102.5 (E): 120 (F): 10x14.5

MNE1076	MNE1077	MNE1078	MNE1079
			
ABS insert available ABS0001			Handbrake drum built in
(A): 335 (B): 34 (C): 145 (D): 111 (E): 177 (F): 8xM12	(A): 377 (B): 45 (C): 106 (D): 134 (E): 138 (F): 14x14.5	(A): 377 (B): 45 (C): 176 (D): 139 (E): 201 (F): 8xM14	(A): 285 (B): 22 (C): 120 (D): 94 (E): 145 (F): 6x15

MNE1080	MNE1081	MNE1082	MNE1083
			
ABS insert available ABS0002	ABS insert available ABS0002		Solid brake disc
(A): 304 (B): 30 (C): 119 (D): 121 (E): 192 (F): 6xM12	(A): 324 (B): 30 (C): 119 (D): 121 (E): 192 (F): 6xM12	(A): 335 (B): 34 (C): 152 (D): 111 (E): 177 (F): 8xM12	(A): 374 (B): 22 (C): 60 (D): 22 (E): 108 (F): 10x16.5

MNE1084	MNE1085	MNE1086	MNE1087
			
Solid brake disc	Solid brake disc	Solid brake disc	
(A): 386 (C): 145 (D): 71 (E): 180 (F): 8xM18x1.5	(A): 374 (B): 22 (C): 80 (D): 22 (E): 108 (F): 10x16.5	(A): 380 (B): 30 (C): 145 (D): 68 (E): 180 (F): 8xM18x1.5	(A): 421 (B): 22 (C): 145 (D): 62 (E): 180 (F): 8xM18x1.5

MNE1102	MNE1103	MNE1104	MNE1105
			
		Solid brake disc with built in handbrake drum.	ABS insert available ABS0002
(A): 432 (B): 45 (C): 194 (D): 135 (E): 220 (F): 10xM16	(A): 300 (B): 28 (C): 67 (D): 58 (E): 112 (F): 5X15	(A): 296 (B): 10 (C): 67 (D): 57.5 (E): 112 (F): 5x15	(A): 304 (B): 30 (C): 120 (D): 115 (E): 192 (F): 6xM12

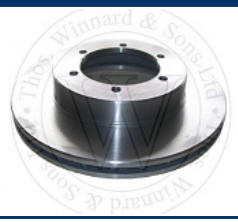
MNE1106	MNE1108	MNE1109	MNE1110
			
			BUILT IN HANDBRAKE DRUM 180 x 30
(A): 290 (B): 26 (C): 70 (D): 70 (E): 96 (F): 8x14.5	(A): 377 (B): 45 (C): 211 (D): 131 (E): 238 (F): 10xM14	(A): 300 (B): 28 (C): 85 (D): 69 (E): 130 (F): 6x15	(A): 298 (B): 16 (C): 85 (D): 71 (E): 130 (F): 6x15

MNE1111	MNE1112	MNE1113	MNE1119
			
BUILT IN HANDBRAKE DRUM - 172 x 45	For the Integral bearing type.	SOLID Version of MNE1069	
(A): 303 (B): 28 (C): 120 (D): 93 (E): 145 (F): 6x15	(A): 430 (B): 45 (C): 131 (D): 144 (E): 168 (F): 10x21	(A): 324 (B): 30 (C): 118 (D): 91 (E): 140 (F): 6xM12	(A): 335 (B): 34 (C): 153 (D): 112.5 (E): 177 (F): 8xM12

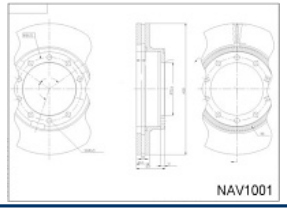
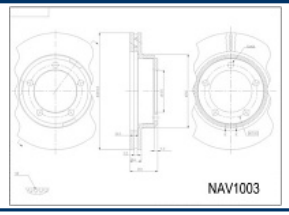
MNE1120	MNE1120S	MNE1134	MNE1136
			
(A): 430 (B): 45 (C): 131 (D): 131 (E): 168 (F): 10x21	(A): 430 (B): 45 (C): 131 (D): 131 (E): 168 (F): 10x21	(A): 410 (B): 38 (C): 148 (D): 64 (E): 180 (F): 8xM18x1.5	(A): 298 (B): 18 (C): 85 (D): 71.2 (E): 130 (F): 6x15.3

MNE1137	MNE1138	MNE1139	MT1001
			
			DATE 29/09/2023 - DRAWING CHANGE - MIN THKS CHANGED FROM 36MM TO 38 MM
(A): 380 (B): 30 (C): 148 (D): 64 (E): 180 (F): 8xM18x1.5	(A): 300 (C): 67 (D): 58 (E): 112 (F): 5x15.2	(A): 298 (C): 85 (D): 56.2 (E): 130 (F): 6x15.2	(A): 293 (B): 40 (C): 114 (D): 54 (E): 140 (F): 6xM12

MT1002	MT1004	MT1007	MT1008
			
DATE 29/09/2023 - DRAWING CHANGE - MIN THKS CHANGED FROM 36MM TO 38 MM		DATE 29/09/2023 - DRAWING CHANGE - MIN THKS CHANGED FROM 36MM TO 38 MM - SEE MT1032 FOR THE SAME BRAKE DISC BUT WITH LOCATION FOR THE ABS RING	DATE 29/09/2023 - DRAWING CHANGE - MIN THKS CHANGED FROM 36MM TO 38 MM
(A): 309 (B): 40 (C): 114 (D): 54 (E): 140 (F): 6xM12	(A): 290 (B): 20 (C): 104 (D): 74 (E): 127 (F): 6x10.5	(A): 310 (B): 40 (C): 139 (D): 70 (E): 161 (F): 12x10	(A): 293 (B): 40 (C): 124 (D): 70 (E): 144 (F): 12x10.4

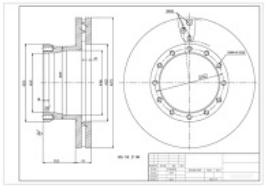
MT1010	MT1011	MT1012	MT1025
			
		DATE 29/09/2023 - DRAWING CHANGE - MIN THKS CHANGED FROM 36MM TO 38 MM	
(A): 288 (B): 24 (C): 104 (D): 56 (E): 126 (F): 6x10.3	(A): 266 (B): 24 (C): 132 (D): 82 (E): 170 (F): 6xM10	(A): 293 (B): 40 (C): 110 (D): 54 (E): 136 (F): 5xM12	(A): 266 (B): 24 (C): 104 (D): 46 (E): 126 (F): 6x10.3

MT1032	MT1033	MT1036	MT1037
			
SIMILAR TO MT1007 BUT HAS LOCATION FOR ABS RING.			
(A): 310 (B): 40 (C): 139 (D): 70 (E): 161 (F): 12x10.3	(A): 276 (B): 28 (C): 104 (D): 44.7 (E): 126 (F): 6x(TBC)	(A): 276 (B): 28 (D): 65.7 (E): 144 (F): 12xTBC	(A): 276 (B): 28 (C): 110 (D): 53.8 (E): 136 (F): 5xTBC

NAV1001	NAV1003	NAV1005	NAV1007
			
100 CAST ABS TEETH	100 CAST ABS TEETH	100 CAST ABS TEETH	
(A): 381 (B): 36.8 (C): 152 (D): 81.7 (E): 184.15 (F): 10x15	(A): 381 (B): 36.6 (C): 137 (D): 89 (E): 171.45 (F): 5x20	(A): 390.5 (B): 39 (C): 152.5 (D): 86.5 (E): 184.11 (F): 10 x 15.3	

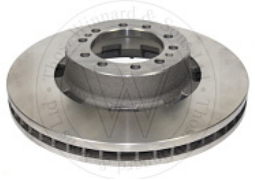
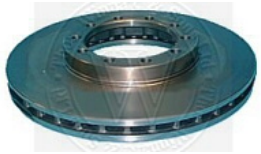
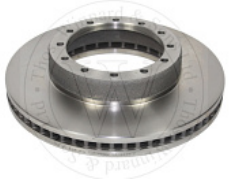
NAV1008	NIS1001	NIS1003	NIS1004
			
100 CAST ABS TEETH			
(A): 391 (B): 39 (C): 231.6 (D): 193.2 (E): 285.75 (F): 10x25.4	(A): 276 (B): 24 (C): 96 (D): 49.5 (E): 118 (F): 5x12	(A): 263 (B): 24 (C): 96 (D): 53 (E): 118 (F): 6	(A): 262 (B): 24 (C): 96 (D): 49 (E): 118 (F): 6

NIS1005	NIS1006	NIS1007	NIS1008
			
	Supplied with wheel studs and cast ABS teeth on neck of disc.		
(A): 290 (B): 22 (C): 110 (D): 78 (E): 127 (F): 8x10.8	(A): 322 (B): 30 (C): 160 (D): 115 (E): 205 (F): 6x20	(A): 322 (C): 160 (D): 115 (E): 205 (F): 6x20	(A): 290 (B): 26 (C): 96 (D): 53 (E): 118 (F): 6xM12

NIS1009	NIS1012	OP1016	OP1017
			
		Handbrake drum built in	
(A): 375 (B): 45 (C): 169 (D): 138.5 (E): 196 (F): 12xM14	(A): 276 (B): 28 (C): 94 (D): 45.2 (E): 118 (F): 6xM12	(A): 290 (B): 22 (C): 115 (D): 78 (E): 133 (F): 8x11	(A): 303 (B): 28 (C): 122 (D): 56 (E): 145 (F): 8x13

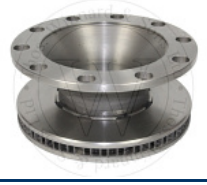
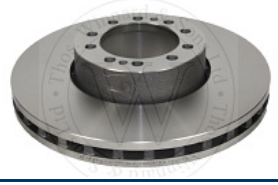
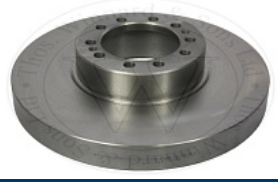
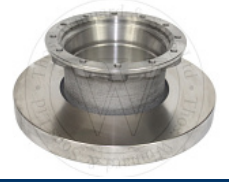
OP1018	PL1001	PL1002	PL1003
			
This is the latest disc for the full air system. There is some confusion with the OE reference originally relating to OP1013. OP1018 has 8 holes for hub location, OP1013 has 12.		Built in cast ABS teeth.	CHECK DIAMETER: PL1005 IS 330mm
(A): 330 (B): 34 (C): 95 (D): 95 (E): 118 (F): 8x14	(A): 330 (B): 34 (C): 157 (D): 117 (E): 180 (F): 6x12.6	(A): 335 (B): 34 (C): 164 (D): 127 (E): 188 (F): 12xM12	(A): 335 (B): 34 (C): 157 (D): 118.7 (E): 182 (F): 12x12.6

PL1004	PL1005	PR1001	RN1008
			
	CHECK DIAMETER: PL1003 IS 335mm	Built in cast ABS teeth	
(A): 330 (B): 34 (C): 164 (D): 127 (E): 188 (F): 12xM12	(A): 330 (B): 34 (C): 157 (D): 118.7 (E): 182 (F): 12x12.6	(A): 430 (B): 45 (C): 194 (D): 179.7 (E): 250 (F): 10x5/8	(A): 354 (B): 30 (C): 128 (D): 82 (E): 151 (F): 10x12.3

RN1013	RN1018	RN1026	RN1027
			
(A): 440 (B): 44.5 (C): 131 (D): 100 (E): 165 (F): 10x17	(A): 276 (B): 24 (C): 95 (D): 44 (E): 114 (F): 10x11	(A): 400 (B): 42 (C): 175 (D): 90 (E): 197 (F): 12x12.3	(A): 350 (B): 30 (C): 145 (D): 73 (E): 165 (F): 16x13

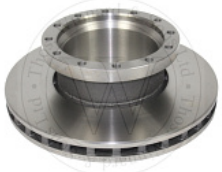
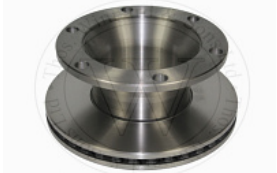
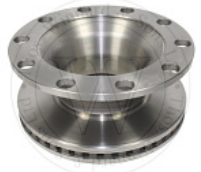
RN1028	RN1031	RN1032	RN1034
			
(A): 276 (B): 24 (C): 102 (D): 44 (E): 120 (F): 10x11	(A): 304 (B): 30 (C): 250 (D): 134 (E): 205 (F): 6x21	(A): 322 (B): 30 (C): 290 (D): 140 (E): 245 (F): 6x21	(A): 380 (B): 45 (C): 117 (D): 85 (E): 144 (F): 10x15

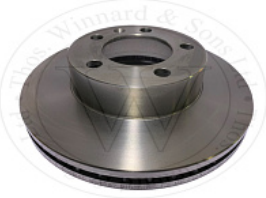
RN1035	RN1036	RN1037	RN1038
			
	Built in ABS ring with Zinc based rust preventative coating.		
(A): 330 (B): 34 (C): 95 (D): 80 (E): 118 (F): 10x15	(A): 330 (B): 34 (C): 194 (D): 137 (E): 245 (F): 6x21	(A): 375 (B): 45 (C): 222 (D): 166 (E): 275 (F): 8x22.5	(A): 375 (B): 45 (C): 117 (D): 99 (E): 144 (F): 10x15

RN1039	RN1041	RN1041S	RN1042
			
THIS IS A LOW SELLING PART BUT WE ARE NOW REACHING LOW STOCK LEVELS, CURRENT PRICES WILL ONLY APPLY TO EXISTING STOCK. ANY REPLACEMENT STOCK WILL BE AT A HIGHER PRICE.			Solid brake disc
(A): 375 (B): 45 (C): 262 (D): 167 (E): 335 (F): 10x33	(A): 434 (B): 45 (C): 131 (D): 97 (E): 165 (F): 10x17	(A): 434 (B): 45 (C): 131 (D): 97 (E): 165 (F): 10x17	(A): 434 (B): 45 (C): 224 (D): 160 (E): 256 (F): 12xM14

RN1045	RN1046	RN1047	RN1052
			
		Handbrake drum built in	Solid disc.
(A): 290 (B): 22 (C): 102 (D): 43 (E): 121 (F): 10x10.5	(A): 290 (B): 26 (C): 102 (D): 43 (E): 121 (F): 10x10.5	(A): 290 (B): 22 (C): 115 (D): 78 (E): 133 (F): 8x11	(A): 434 (B): 45 (C): 264 (D): 171 (E): 335 (F): 10x32.7

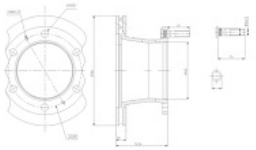
RN1053	RN1054	RN1055	RN1056
			
(A): 375 (B): 45 (C): 174 (D): 119 (E): 142 (F): 10x15	(A): 375 (B): 45 (C): 222 (D): 166 (E): 275 (F): 8x22.5	(A): 276 (B): 28 (C): 94 (D): 45 (E): 118 (F): 5xM12	(A): 280 (B): 16 (C): 108 (D): 62 (E): 127 (F): 6x10.7

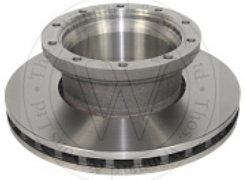
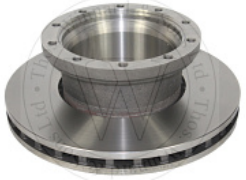
RN1057	RN1060	RN1061	RN1062
			
(A): 434 (B): 45 (C): 210 (D): 138.5 (E): 240 (F): 12xM16	(A): 330 (B): 34 (C): 194 (D): 137 (E): 245 (F): 6x21	(A): 330 (B): 34 (C): 95 (D): 80 (E): 118 (F): 10x15	(A): 375 (B): 45 (C): 262.2 (D): 166.5 (E): 335 (F): 10x32.8

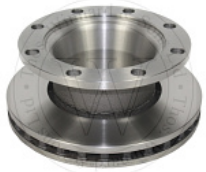
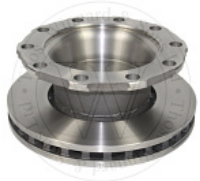
RN1063	RN1065	RN1066	RN1067
			
(A): 438 (B): 45 (C): 131 (D): 96.575 (E): 165 (F): 10x17	(A): 290 (B): 26 (C): 120 (D): 77 (E): 95 (F): 10x12.7 2xM8	(A): 290 (B): 22 (C): 73 (D): 77 (E): 95 (F): 10x12.7 2xM8	(A): 302 (B): 28 (C): 90 (D): 69.8 (E): 130 (F): 5x17.5

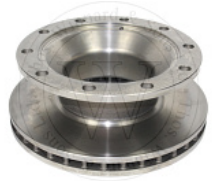
Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

RN1068	RN1069	RN1070	RN1071
			
		Built in cast ABS teeth	
(A): 305 (B): 12 (C): 90 (D): 71.5 (E): 130 (F): 5x15.5	(A): 301 (B): 18 (C): 120 (D): 51 (E): 140 (F): 8x10.8	(A): 280 (B): 16 (C): 108 (D): 67 (E): 127 (F): 6x10.8	(A): 305 (B): 12 (C): 91 (D): 71.5 (E): 130 (F): 5x17

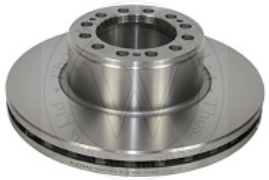
RN1077	RN1078K	RN1080	RN1088
			
	SUPPLIED WITH WHEEL BEARING & ABS RING FITTED		
(A): 280 (B): 24 (C): 61 (D): 37 (E): 108 (F): 5x15.8	(A): 274 (B): 11 (C): 52.3 (D): 88 (E): 108 (F): 5xM12x1.5	(A): 296 (B): 28 (C): 68 (D): 44 (E): 114.3 (F): 5x15.7	(A): 306 (C): 160 (D): 143 (E): 205 (F): 6x20

RO1028	RO1028+2	RO1029	RO1030
			
BUILT IN CAST AS TEETH WITH ZINC BASED RUST PROTECTIVE COATING - KTL COATED STEEL VERSION ALSO AVAILABLE RO1028+2	NEW BOLT ON MILLED STEEL ABS RING DESIGN		Replaces RO1017 & RO1021. Supplied with 100 tooth Zinc coated CAST ABS teeth
(A): 434 (B): 45 (C): 222 (D): 150 (E): 250 (F): 10xM16	(A): 434 (B): 45 (C): 222 (D): 150 (E): 250 (F): 10xM16		(A): 378 (B): 45 (C): 222 (D): 150 (E): 250 (F): 10xM16

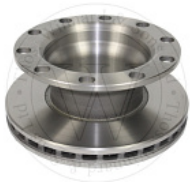
RO1030+	RO1031	RO1032	RO1033
			
New DESIGN, Replaces RO1017 & RO1021, Improved cooling and ABS ring design, 100 teeth, Supplied with a screw on KTL coated ABS ring.	90 CAST ABS TEETH - Replaces the earlier disc RO1019	Built in ABS ring, 90 TEETH with Zinc based rust preventative coating.	Solid Brake Disc
(A): 378 (B): 45 (C): 222 (D): 150 (E): 250 (F): 10xM16	(A): 378 (B): 45 (C): 225 (D): 150 (E): 275 (F): 8x24	(A): 377 (B): 45 (C): 225 (D): 150 (E): 285 (F): 10x24.5	(A): 434 (B): 45 (C): 260 (D): 160 (E): 335 (F): 10x32.5

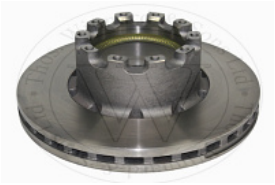
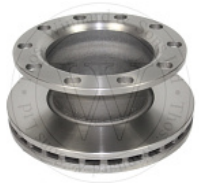
SAE1002	SAE1004	SAE1005	SAE1006
			
Location for ABS ring.		Built in ABS ring with Zinc based rust preventative coating.	Built in ABS ring with Zinc based rust preventative coating.
(A): 430 (B): 45 (C): 290 (D): 160 (E): 335 (F): 10x23	(A): 430 (B): 45 (C): 290 (D): 159.5 (E): 335 (F): 10x23	(A): 430 (B): 45 (C): 290 (D): 160 (E): 335 (F): 10x23	(A): 335 (B): 34 (C): 165 (D): 140 (E): 205 (F): 6x21

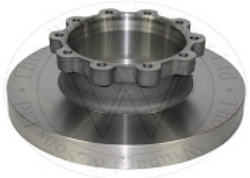
SAE1014	SAE1015	SAE1023	SAE1027
			
		90 CAST - MILLED - ABS TEETH	
(A): 430 (B): 45 (C): 280 (D): 155 (E): 335 (F): 10x26.5	(A): 377 (B): 45 (C): 220 (D): 159.5 (E): 275 (F): 8x26.5	(A): 376 (B): 45 (C): 220 (D): 159.5 (E): 275 (F): 8x26.5	(A): 377 (B): 45 (C): 280 (D): 165 (E): 335 (F): 10x26.5

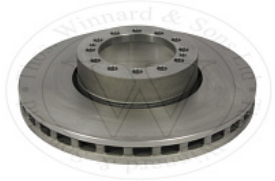
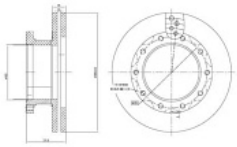
SAU1017	SAU1018	SAU1018S	SAU1019
			
(A): 377 (B): 45 (D): 158 (E): 275 (F): 8x23	(A): 430 (B): 45 (C): 131 (D): 130 (E): 168 (F): 12x19	(A): 430 (B): 45 (C): 131 (D): 130 (E): 168 (F): 12x19	(A): 430 (B): 45 (D): 160 (E): 335 (F): 10x23

SAU1023	SAU1030	SAU1031	SAU1031S
			
	Fitting kit WA253 available.	Fitting kit WA253 available.	Solid version of SAU1031. Fitting kit WA253 is also available
(A): 375 (B): 45 (C): 131 (D): 139.5 (E): 168 (F): 12x19	(A): 376 (B): 45 (C): 164 (D): 57.5 (E): 190 (F): 10x13.5	(A): 430 (B): 45 (C): 164 (D): 48 (E): 190 (F): 10x13.5	(A): 430 (B): 45 (C): 164 (D): 48 (E): 190 (F): 10x13.5

SAU1033	SAU1036	SAU1038	SAU1039
			
	Long stud with 275 PCD		RECOMMENDED TORQUE SETTINGS 50Nm then 150Nm
(A): 377 (B): 45 (C): n/a (D): 158 (E): 285.75 (F): 10x27.75	(A): 377 (B): 45 (C): - (D): 158 (E): 275 (F): 8x27.7	(A): 377 (B): 45 (C): 189 (D): 141 (E): 215 (F): 10xM14	(A): 430 (B): 45 (C): 189 (D): 131.5 (E): 215 (F): 10xM14

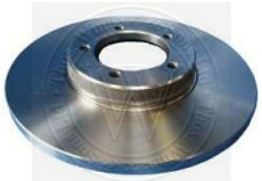
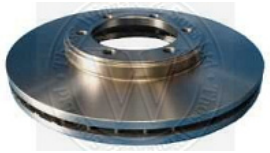
SAU1040	SAU1041	SAU1042	SAU1050
			
Supplied with a STEEL ABS ring	Supplied with a STEEL ABS ring	CAST ABS TEETH - 80	17/05/2024 New style ABS ring available ABS0086. Please call our sales office for more information.
(A): 430 (B): 45 (C): 164.1 (D): 135 (E): 193 (F): 10xM14	(A): 377 (C): 164.1 (D): 145 (E): 193 (F): 10xM14	(A): 377 (B): 45 (C): n/a (D): 158 (E): 285.75 (F): 10x27.75	(A): 430 (B): 45 (C): 173 (D): 57.5 (E): 205 (F): 10x15

SC1023	SC1023S	SCH1001	SCH1002
			
New DESIGN. Pillar type venting. Thicker disc faces 17mm. Increased weight 32 kg	SOLID VERSION FOR HEAVY DUTY BRAKING APPLICATIONS		
(A): 430 (B): 45 (C): 208 (D): 131 (E): 237 (F): 10xM16	(A): 430 (B): 45 (C): 208 (D): 131 (E): 237 (F): 10xM16	(A): 430 (B): 45 (C): 290 (D): 168.5 (E): 335 (F): 10x22.5	(A): 375 (B): 45 (C): 290 (D): 168.5 (E): 335 (F): 10x22.5

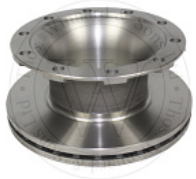
SI1006	SIN1001	SMB1001	SMB1002
			
		Built in 80 ABS teeth with Zinc based rust preventative coating.	With built in CAST ABS teeth. PLEASE NOTE: We recommend that the wheel studs are drawn into place using the wheel nut and a spacer. DO NOT HAMMER THE STUDS IN.
(A): 433.85 (B): 44.9 (C): 140.17 (D): 96.7 (E): 168 (F): 12x17	(A): 396 (B): 45 (C): 183 (D): 131 (E): 235 (F): 10xM16x1.5	(A): 377 (C): 169 (D): 138.5 (E): 196 (F): 8xM14	(A): 430 (B): 45 (C): 280 (D): 155 (E): 335 (F): 10x26.5

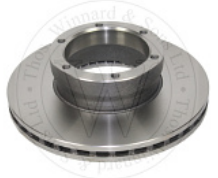
SOL1001	TBA DISC	TO1001	TO1003
			
(A): 377 (B): 45 (C): 105.5 (D): 130.5 (E): 144 (F): 10x14.5		(A): 300 (C): 106 (D): 49 (E): 132 (F): 5x12.5	(A): 296 (B): 35 (C): 126 (D): 101.2 (E): 167 (F): 5xM14

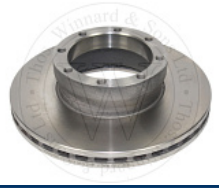
TO1004	TW1001	TW1002	TX1001
			
	80 CAST ABS TEETH	80 CAST ABS TEETH	
(A): 296 (B): 35 (C): 126 (D): 90 (E): 167 (F): 5xM14	(A): 325 (B): 34 (C): 173 (D): 148.5 (E): 196 (F): 8xM14	(A): 377.5 (B): 45 (C): 220 (D): 150 (E): 249.5 (F): 10xM16	(A): 291 (C): 84 (D): 49 (E): 127 (F): 5 x 12

TX1003	TX1004	VA1001	VA1002
			
(A): 284 (C): 84 (D): 40 (E): 105 (F): 5 x 11	(A): 277 (C): 95 (D): 41 (E): 116 (F): 6x10.5	(A): 280 (B): 24 (C): 79.5 (D): 61.5 (E): 110 (F): 6xM10	(A): 305 (B): 12 (C): 90 (D): 67 (E): 130 (F): 5x15.75

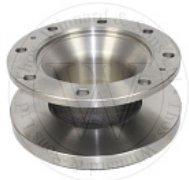
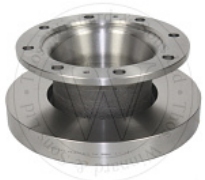
VA1004	VA1005	VA1006	VA1007
			
(A): 305.5 (B): 28 (C): 90 (D): 77.8 (E): 130 (F): 5x16	(A): 260 (B): 24 (C): 60 (D): 41 (E): 100 (F): 6x14.5	(A): 305 (B): 28 (C): 72 (D): 50 (E): 118 (F): 5x15.5 1CS	(A): 280 (B): 12 (C): 65 (D): 102.5 (E): 118 (F): 5xM14

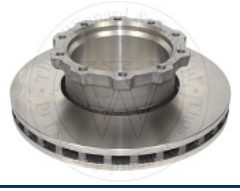
VA1007K	VAL1001	VAL1002	VDL1006
			
SUPPLIED WITH WHEEL BEARING & ABS RING FITTED			
(A): 280 (B): 12 (C): 65 (D): 102.5 (E): 118 (F): 5xM14	(A): 430 (B): 45 (C): 300 (D): 187.5 (E): 335 (F): 10x22.6	(A): 375 (B): 45 (C): 300 (D): 187.5 (E): 335 (F): 10x22.6	(A): 322 (B): 30 (C): 91.6 (D): 100.5 (E): 122 (F): 10x14.5

VH1002	VH1007	VH1007+	VO1028
			
	BUILT IN CAST ABS TEETH WITH ZINC BASED RUST PROTECTIVE COATING	UPGRADED DESIGN - SUPPLIED WITH A MILLED STEEL BOLT ON KTL COATED ABS RING	
(A): 410 (B): 48 (C): 162 (D): 120 (E): 185 (F): 12xM16	(A): 434 (B): 45 (C): 194 (D): 135 (E): 220 (F): 10xM16	(A): 434 (B): 45 (C): 194 (D): 135 (E): 220 (F): 10xM16	(A): 322 (B): 30 (C): 132 (D): 90 (E): 154 (F): 6xM14

VO1029	VO1036	VO1045	VO1051
			
		6 Half moon cut outs on hub location face	Built in ABS ring on neck of disc
(A): 322 (B): 30 (C): 132 (D): 90 (E): 154 (F): 8xM14	(A): 322 (B): 30 (C): 216 (D): 138 (E): 275 (F): 8x13	(A): 322 (B): 30 (C): 164 (D): 115 (E): 192 (F): 6xM12x1.75 (We have see this disc with both M12x1.5 and M12x1.75) Our current stock is drilled M12x1.5	(A): 322 (B): 30 (C): 216 (D): 138 (E): 275 (F): 8x13

VO1053	VO1054	VO1060	VO1066
			
	MATERIAL: STEEL		Solid brake disc
(A): 468 (C): 310 (D): 156.7 (E): 345 (F): 12x17.4	(A): 468 (B): 16.5 (C): 195 (D): 16.5 (E): 227 (F): 24x17	(A): 438 (B): 45 (C): 195 (D): 127 (E): 235 (F): 10xM16	(A): 335 (B): 30 (C): 91.5 (D): 100 (E): 120 (F): 10x14.5

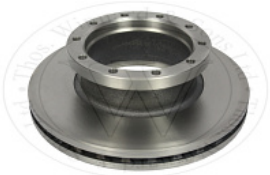
VO1067	VO1069	VO1070	VO1071
			
Solid brake disc	Solid brake disc with ABS teeth with Zinc based rust preventative coating.	Solid brake disc with ABS teeth with Zinc based rust preventative coating.	Vented brake disc, solid version is VO1083.
(A): 375 (B): 45 (C): 106 (D): 130 (E): 138 (F): 14 x 14.5	(A): 335 (B): 30 (C): 215 (D): 139 (E): 275 (F): 8x20	(A): 375 (B): 45 (C): 225 (D): 150 (E): 275 (F): 8x20	(A): 434 (B): 45 (C): - (D): 45 (E): - (F): -

VO1072	VO1076	VO1077	VO1078
			
Solid brake disc for trailing / lift axle. Vented version is VO1077		Vented brake disc, Solid version is VO1072.	Solid brake disc, vented version is VO1079.
(A): 375 (B): 45 (C): N/A (D): 45 (E): N/A (F): N/A	(A): 434 (B): 45 (C): 203 (D): 130 (E): 235 (F): 10xM16	(A): 375 (B): 45 (C): 181 (D): 45 (E): n/a (F): n/a	(A): 410 (B): 45 (C): N/A (D): 45 (E): N/A (F): N/A

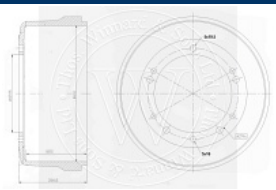
VO1079	VO1080	VO1081	VO1083
			
Vented brake disc, solid version is VO1078.			Solid brake disc, vented version VO1071.
(A): 410 (B): 45 (C): 220 (D): 45 (E): n/a (F): n/a	(A): 410 (B): 45 (C): 131 (D): 93 (E): 165 (F): 10x17	(A): 410 (B): 45 (C): 262 (D): 166 (E): 335 (F): 10x32.8	(A): 434 (B): 45 (D): 45 (E): - (F): -

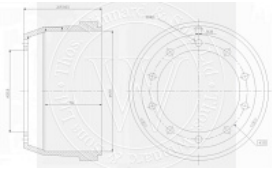
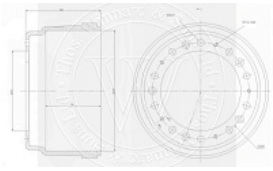
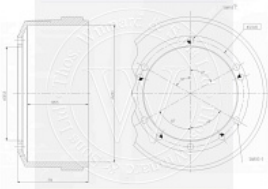
VO1086	VW1002	WR1001	WR1002
			
	Solid brake disc		
(A): 330 (B): 34 (C): 95 (D): 66 (E): 118 (F): 10x15	(A): 281 (C): 91 (D): 85 (E): 115 (F): 8x5T	(A): 330 (B): 34 (C): 95 (D): 95 (E): 120 (F): 10x14.75	(A): 374 (B): 45 (C): 117 (D): 114 (E): 145 (F): 10x14.75

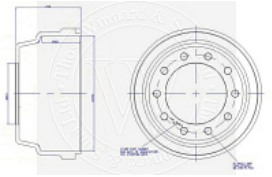
YO1031	YO1037	YO1039	YO1041
			
Supplied with bolts and cast ABS teeth. It is recommended that a small amount of Loctite 243 is applied to the hub bolts.	SUPPLIED WITH A KTL COATED BOLT ON STEEL ABS RING & FITTING KIT (BOLTS & WASHERS)	CAST ABS TEETH WITH ZINC BASED PROTECTIVE COATING	100 ABS TEETH
(A): 430 (B): 45 (C): 219.8 (D): 150.1 (E): 249.5 (F): 10xM16	(A): 415 (B): 43 (C): 219.8 (D): 150 (E): 250 (F): 10xM16	(A): 430 (B): 45 (C): 220 (D): 150 (E): 249.5 (F): 10xM16x2.0	(A): 375 (C): 220 (D): 150 (E): 250 (F): 8xM16

YU1001	YU1002	YU1003	YU1004
			
	4 x M8 HOLES FOR ABS LOCATION	ALSO SEE YU1005 WHICH IS THE SAME DISC BUT THE PCD OF THE BOLT HOLES IS 192mm	100 CAST ABS TEETH
(A): 430 (B): 45 (C): 203.1 (D): 131 (E): 235 (F): 10xM16	(A): 376 (B): 45 (C): 160 (D): 123 (E): 190 (F): 8xM14	(A): 376 (B): 45 (C): 169 (D): 57.5 (E): 190 (F): 16x12.5	(A): 430 (B): 45 (C): 203 (D): 131 (E): 235 (F): 10xM16

Brake Drums

AD1001	AD1002	AD1003	AM1001
			
		DRUM IS SIMILAR TO BP1025 BUT WITH 24.5mm STUD HOLES - IT MAY BE POSSIBLE TO CONVERT BP1025.	
(A): 300 (C): 221 (D): 204 (E): 275 (F): 10x22	(A): 420 (C): 280 (D): 227 (E): 335 (F): 10x24.5	(A): 420 (C): 290 (D): 227 (E): 335 (F): 10x24.5	(A): 419 (C): 240 (D): 210 (E): 279.4 (F): 5x19.5

AM1002	AM1003	AM1004	AM1005
			
(A): 419 (C): 223 (D): 270 (E): 285.75 (F): 10x25.4	(A): 419 (C): 285.8 (D): 269.5 (E): 335 (F): 10x24	(A): 419 (C): 278 (D): 260 (E): 335 (F): 10x23.5	(A): 419 (C): 285.8 (D): 216 (E): 323.85 (F): 10x19.8

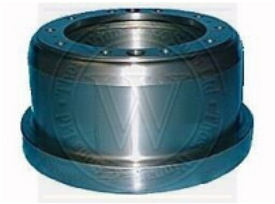
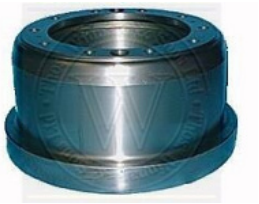
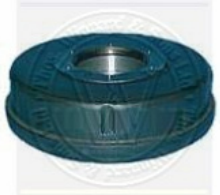
AM1006	AM1007	AU1001	AW1001
			
(A): 419 (C): 223.1 (D): 229.5 (E): 285.75 (F): 10x33.3	(A): 419 (C): 223 (D): 238 (E): 285.75 (F): 10.25	(A): 414 (C): 280.85 (D): 240 (E): 335 (F): 10x25	(A): 394 (C): 281 (D): 268 (E): 335 (F): 10x24

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

AW1002	AW1003	AW1004	AW1005
			
(A): 381 (C): 280 (D): 256 (E): 335 (F): 10x24	(A): 410 (C): 285 (D): 256 (E): 335 (F): 10x24	(A): 410 (C): 282 (D): 280 (E): 335 (F): 10x23	(A): 410 (C): 285 (D): 268 (E): 335 (F): 10x23.5

AY1001	BE1001	BE1002	BE1003
			
		Back-plate groove on base of drum	
(A): 410 (C): 285 (D): 257 (E): 335 (F): 10x23	(A): 394 (C): 282 (D): 207 (E): 335 (F): 10x24	(A): 394 (C): 282 (D): 229 (E): 335 (F): 10x23	(A): 394 (C): 282 (D): 264 (E): 335 (F): 10x23

BE1004	BE1008	BE1009	BE1011
			
	Back-plate groove on base of drum	Back-plate groove on base of drum	
(A): 330 (C): 165 (D): 173 (E): 205 (F): 6x23	(A): 359 (C): 235 (D): 138 (E): 275 (F): 8x24	(A): 394 (C): 145 (D): 183 (E): 175 (F): 8x13	(A): 394 (C): 235 (D): 191 (E): 275 (F): 8x24

BE1012	BE1013	BE1014	BE1015
			
Back-plate groove on base of drum	Back-plate groove on base of drum		
(A): 394 (C): 282 (D): 267 (E): 335 (F): 10x23	(A): 394 (C): 282 (D): 235 (E): 335 (F): 10x23	(A): 330 (C): 131 (D): 109 (E): 162 (F): 6x10	(A): 394 (C): 281 (D): 278 (E): 335 (F): 10x24

BE1016	BE1017	BE1018	BE1019
			
		Back-plate groove on base of drum	Back-plate groove on base of drum
(A): 394 (C): 281 (D): 264 (E): 335 (F): 10x24	(A): 394 (C): 282.575 (D): 265 (E): 335 (F): 10x26.5	(A): 394 (C): 282 (D): 267 (E): 335 (F): 10x24	(A): 394 (C): 282.575 (D): 267 (E): 335 (F): 10x32

BE1021	BE1023	BL1001	BL1002
			
(A): 410 (C): 235 (D): 184 (E): 275 (F): 8x23	(A): 394 (C): 282.575 (D): 265 (E): 335 (F): 10x26.5	(A): 419 (C): 229 (D): 248 (E): 285 (F): 10x32	(A): 419 (C): 223 (D): 292 (E): 285 (F): 10x23.5

BL1003	BL1004	BL1005	BL1006
			
(A): 419 (C): 229 (D): 248 (E): 285 (F): 10x32	(A): 419 (C): 223 (D): 286 (E): 285 (F): 10x23.5	(A): 419 (C): 223 (D): 291 (E): 285 (F): 10x24	(A): 419 (C): 223 (D): 249 (E): 285 (F): 10 x 23.5

BMC1001	BMC1005	BMC1006	BP1001
			
		Vertical rids on outer diameter.	
(A): 410 (C): 285 (D): 284 (E): 335 (F): 10x28	(A): 410 (C): 285 (D): 272 (E): 335 (F): 10x28	(A): 410 (C): 285 (D): 259 (E): 335 (F): 10x28	(A): 420 (C): 290 (D): 247 (E): 335 (F): 10x23

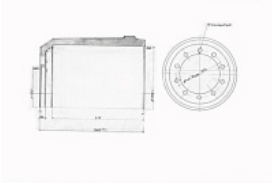
BP1002	BP1003	BP1004	BP1006
			
Counter bored under stud holes, back-plate groove on base of drum	Counter bored under stud holes		Counter bored under stud holes, back-plate groove on base of drum
(A): 420 (C): 290 (D): 249 (E): 335 (F): 10x23	(A): 420 (C): 290 (D): 277 (E): 335 (F): 10x23	(A): 420 (C): 290 (D): 284 (E): 335 (F): 10x23	(A): 300 (C): 190 (D): 295 (E): 225 (F): 10x23

BP1007	BP1009	BP1011	BP1012
			
Counter bored under stud holes although some manufacturers also fully machine this back face so check the imprint left from the head of the wheel bolt, back-plate groove on base of drum	3 additional holes for heat shield location bolts	Counter bored under stud holes although some manufacturers also fully machine this back face so check the imprint left from the head of the wheel bolt, back-plate groove on base of drum	Machined step under stud face for wheel stud location, back-plate groove on base of drum
(A): 420 (C): 290 (D): 230 (E): 335 (F): 10x23	(A): 300 (C): 190 (D): 261 (E): 225 (F): 10x23	(A): 360 (C): 190 (D): 264 (E): 225 (F): 10x23	(A): 360 (C): 230 (D): 221 (E): 275 (F): 8x23

BP1013	BP1014	BP1015	BP1016
			
Back-plate groove on base of drum	Back-plate groove on base of drum		
(A): 360 (C): 230 (D): 264 (E): 275 (F): 8x23	(A): 300 (C): 185 (D): 315 (E): 225 (F): 10x23		(A): 300 (C): 190 (D): 295 (E): 225 (F): 10x21

BP1018	BP1019	BP1020	BP1023
			
	Counter bored under stud holes, back-plate groove on base of drum with serrated edges	Counter bored under stud holes, back-plate groove on base of drum	Back-plate groove on base of drum
(A): 300 (C): 190 (D): 245 (E): 225 (F): 10x23	(A): 420 (C): 290 (D): 287 (E): 335 (F): 10x23	(A): 420 (C): 290 (D): 248 (E): 335 (F): 6x21	(A): 420 (C): 290 (D): 199 (E): 335 (F): 10x23

BP1025	BP1028	BP1032	BP1033
			
Machined step under stud face for wheel stud location, back-plate groove on base of drum	Counter bored under stud holes	Back-plate groove on base of drum	Machined step under stud face for wheel stud location, back-plate groove on base of drum with serrated edges
(A): 420 (C): 290 (D): 226 (E): 335 (F): 10x23	(A): 420 (C): 290 (D): 328 (E): 335 (F): 10x23	(A): 420 (C): 290 (D): 259 (E): 335 (F): 10x23	(A): 420 (C): 290 (D): 260 (E): 335 (F): 10x23

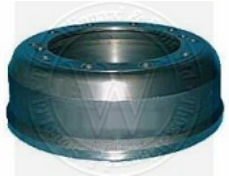
BP1034	BP1035	BP1036	BP1037
			
	Back-plate groove on base of drum	Counter bored under stud holes	Machined Step under stud face
(A): 300 (C): 190 (D): 245 (E): 225 (F): 10x21	(A): 300 (C): 185 (D): 315 (E): 225 (F): 10x23	(A): 420 (C): 290 (D): 307 (E): 335 (F): 10x23	(A): 300 (C): 190 (D): 261 (E): 225 (F): 10x23

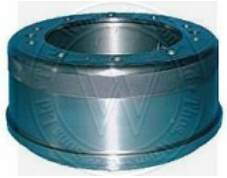
BP1042	BP1043	BP1044	BP1045
			
			ECO
(A): 420 (C): 290 (D): 297 (E): 335 (F): 10x23	(A): 420 (C): 290 (D): 300 (E): 335 (F): 10x23	(A): 420 (C): 290 (D): 294 (E): 335 (F): 10x23	(A): 420 (C): 290 (D): 253 (E): 335 (F): 10x23

BP1046	BP1047	BP1048	BP1049
			
ECOMAX. Machined step on the underside of the flange for stud location. Stud has a half moon shape.	MACHINED STEP UNDER BOLT FLANGE FOR FLAT ON WHEEL STUD TO LOCATE	Machined step under stud face for wheel stud location, back-plate groove on base of drum.	Outboard mounting drum
(A): 360 (C): 230 (D): 260 (E): 275 (F): 8x23	(A): 420 (C): 290 (D): 250 (E): 335 (F): 10x23	(A): 420 (C): 290 (D): 284 (E): 335 (F): 10x23	(A): 420 (C): 290 (D): 240 (E): 335 (F): 10x23

BP1054	BP1055	BP1060	BP1061
			
			ECOMAX. 10mm Machined step for half moon shaped stud location and 13mm bolt flange. BP1061 REPLACES BP1041
(A): 300 (C): 190 (D): 209 (E): 225 (F): 10x23	(A): 300 (C): 190 (D): 200 (E): 225 (F): 10x23	(A): 420 (C): 290 (D): 294 (E): 335 (F): 10x23	(A): 360 (C): 190 (D): 260 (E): 225 (F): 10x23

BP1064	BP1065	BP1066	BP1067
			
HEAVY DUTY VERSION WITH EXTERNAL RIBS		MACHINED STEP UNDER STUD FACE FOR WHEEL STUD LOCATION	LIGHTER VERSION OF BP1042
(A): 420 (C): 290 (D): 284 (E): 335 (F): 10x23	(A): 300 (C): 165 (D): 165 (E): 210 (F): 6x21	(A): 300 (C): 190 (D): 210 (E): 225 (F): 10x23	(A): 420 (C): 290 (D): 297.5 (E): 335 (F): 10x23

BP1068	BP1070	BP1071	BR1001
			
	DIMENSIONS UPDATED 16/11/2023		
(A): 300 (C): 165 (D): 200 (E): 205 (F): 6x21	(A): 360 (C): 185 (D): 279.5 (E): 225 (F): 10x23	(A): 360 (C): 290 (D): 263 (E): 335 (F): 10x23	(A): 419 (C): 280 (D): 154 (E): 335 (F): 10x23

BR1002	BR1003	BR1004	BR1005
			
(A): 394 (C): 280 (D): 195 (E): 335 (F): 10x24	(A): 419 (C): 280 (D): 274 (E): 335 (F): 10x24	(A): 394 (C): 280 (D): 264 (E): 335 (F): 10x24	(A): 394 (C): 220 (D): 211 (E): 275 (F): 8x32

BR1006	BR1011	BRE1001	CD1005
			
(A): 394 (C): 229 (D): 176 (E): 275 (F): 8x31	(A): 419 (C): 280 (D): 244 (E): 335 (F): 10x32	(A): 400 (C): 285 (D): 187 (E): 335 (F): 10x23	(A): 394 (C): 282 (D): 252 (E): 335 (F): 10x24

CD1008	CD1010	CD1011	CD1012
			
(A): 394 (C): 281 (D): 235 (E): 335 (F): 10x24	(A): 394 (C): 281 (D): 211 (E): 335 (F): 10x24		(A): 330 (C): 160 (D): 220 (E): 205 (F): 6x23.5

CD1013	CD1014	CD1015	CD1016
			
(A): 330 (C): 160 (D): 220 (E): 205 (F): 6x23.5	(A): 308 (C): 171 (D): 140 (E): 205 (F): 6x19.5	(A): 330 (C): 160 (D): 165 (E): 205 (F): 6x19.5	(A): 308 (C): 171 (D): 152 (E): 205 (F): 6x19.5

CD1017	CD1018	CD1019	CD1022
			
(A): 394 (C): 281 (D): 217 (E): 335 (F): 10x24	(A): 394 (C): 281 (D): 252 (E): 335 (F): 10x24	(A): 330 (C): 171 (D): 220 (E): 205 (F): 6x19.8	(A): 308 (C): 160 (D): 153 (E): 205 (F): 6x19.5

CD1023	CD1025	CD1026	CD1028
			
	back-plate groove on base of drum	Back-plate groove on base of drum	
(A): 330 (C): 160 (D): 219 (E): 205 (F): 6x19.5	(A): 394 (C): 282 (D): 237 (E): 335 (F): 10x24	(A): 394 (C): 282 (D): 267 (E): 335 (F): 10x24	(A): 330 (C): 160 (D): 198 (E): 205 (F): 6x19.5

CD1029	CD1030	CF1001	CF1002
			
	32mm Thick stud flange		
(A): 330 (C): 160 (D): 194 (E): 205 (F): 6x19.5	(A): 394 (C): 281 (D): 252 (E): 335 (F): 10x24	(A): 419 (C): 288 (D): 271 (E): 335 (F): 10x26.6	(A): 419 (C): 283 (D): 281 (E): 335 (F): 10x24

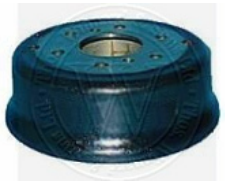
CF1003	CF1006	CF1007	CF1008
			
(A): 419 (C): 288 (D): 229 (E): 335 (F): 10x26.6	(A): 311 (C): 178 (D): 300 (E): 225 (F): 10x26.5	(A): 419 (C): 288 (D): 244 (E): 335 (F): 10x26.5	(A): 419 (C): 288 (D): 256 (E): 335 (F): 10x26.5

CF1011	CF1012	CF1013	CF1014
			
DRILLED WITH 5 THREADED HOLES FOR ABS LOCATION. IF ABS IS NOT REQUIRED RO1011 CAN BE USED.		This drum fits under the hub. i.e INTERNAL MOUNTING	
(A): 350 (C): 183 (D): 264 (E): 225 (F): 10x24.5	(A): 394 (C): 282 (D): 230 (E): 335 (F): 10x24	(A): 419 (C): 283 (D): 248 (E): 335 (F): 10x24.25	(A): 419 (C): 282 (D): 271 (E): 335 (F): 10x24

CF1017	CF1018	CF1020	CF1021
			
(A): 419 (C): 280 (D): 237 (E): 335 (F): 10x26.5	(A): 360 (C): 230 (D): 266 (E): 275 (F): 8x26.75	(A): 419 (C): 371 (D): 265 (E): 398 (F): 24x13.5	(A): 311 (C): 208 (D): 286.5 (E): 245 (F): 6x19.6

CO1001	CO1002	CO1003	CO1004
			
(A): 305 (C): 178 (D): 259 (E): 225 (F): 10x26	(A): 305 (C): 176 (D): 286 (E): 225 (F): 10x26.5	(A): 305 (C): 160 (D): 175 (E): 205 (F): 6x17	(A): 406 (C): 220 (D): 175 (E): 275 (F): 8x23

CO1005	CO1006	CO1007	CO1008
(A): 414 (C): 280 (D): 198 (E): 335 (F): 6x21	(A): 414 (C): 280 (D): 198 (E): 335 (F): 10x23	(A): 414 (C): 280 (D): 253 (E): 335 (F): 10x23	(A): 414 (C): 280 (D): 248 (E): 335 (F): 6x21

CO1009	CO1010	CV1002	DA1001
			
		Back-plate groove on base of drum	
(A): 414 (C): 280 (D): 248 (E): 335 (F): 10x23	(A): 414 (C): 280 (D): 285 (E): 335 (F): 10x23	(A): 270 (C): 94 (D): 107 (E): 160 (F): 6x19	(A): 419 (C): 285 (D): 228 (E): 335 (F): 10x25

DA1002	DA1007	DA1008	DA1009
			
(A): 419 (C): 285 (D): 230 (E): 335 (F): 10x33	(A): 419 (C): 285 (D): 262 (E): 335 (F): 10x23.5		(A): 419 (C): 285 (D): 235 (E): 335 (F): 10x24

DA1010	DA1011	DA1012	DA1014
			
4 External Ribs		5 External Ribs	
(A): 406 (C): 285 (D): 211 (E): 335 (F): 10x23	(A): 420 (C): 285 (D): 232 (E): 335 (F): 10x24	(A): 419 (C): 285 (D): 249 (E): 335 (F): 10x24.7	(A): 420 (C): 285 (D): 286 (E): 335 (F): 10x24

DA1015	DA1020	DA1021	DA1022
			
			Bell shape type heat band with cooling teeth on base of drum
(A): 420 (C): 285 (D): 246 (E): 335 (F): 10x24	(A): 420 (C): 285 (D): 240 (E): 335 (F): 10x24	(A): 394 (C): 285 (D): 276 (E): 335 (F): 10x24	(A): 420 (C): 285 (D): 313 (E): 335 (F): 10x24

DA1023	DA1025	DA1026	DA1027
			
	Back-plate groove on base of drum	Back-plate groove on base of drum	CAUTION. Check stud holes diameter. DA1027 has 23.5mm stud holes, DA1053 has 22mm.
(A): 420 (C): 285 (D): 251 (E): 335 (F): 10x24	(A): 420 (C): 285 (D): 284 (E): 335 (F): 10x24	(A): 420 (C): 285 (D): 288 (E): 335 (F): 10x24	(A): 360 (C): 226 (D): 229 (E): 275 (F): 8x23.5

DA1029	DA1030	DA1031	DA1032
			
Back-plate groove on base of drum			
(A): 420 (C): 285 (D): 267 (E): 335 (F): 10x23.5	(A): 420 (C): 285 (D): 228 (E): 335 (F): 10x24	(A): 310 (C): 165 (D): 179 (E): 205 (F): 6x20	(A): 310 (C): 165 (D): 193 (E): 205 (F): 6x20

DA1033	DA1034	DA1035	DA1036
			
		5 Square cut air holes through wall of drum	Bell shape type heat band with back-plate groove on base of drum
(A): 325 (C): 207 (D): 201 (E): 245 (F): 6x20	(A): 325 (C): 207 (D): 222 (E): 245 (F): 6x20	(A): 410 (C): 282 (D): 275 (E): 335 (F): 10x23	(A): 419 (C): 285 (D): 292 (E): 335 (F): 10x24

DA1037	DA1038	DA1039	DA1040
			
(A): 420 (C): 282 (D): 239 (E): 335 (F): 10x24	(A): 360 (C): 223 (D): 229 (E): 275 (F): 8x23.5	(A): 420 (C): 285 (D): 226 (E): 335 (F): 10x23.5	(A): 394 (C): 281 (D): 273 (E): 335 (F): 10x26

DA1042	DA1053	DA1055	DA1061
			
	CAUTION. Check stud holes diameter. DA1053 has 22mm stud holes, DA1027 has 23.5		
(A): 325 (C): 163 (D): 202 (E): 205 (F): 6x20	(A): 360 (C): 226 (D): 229 (E): 275 (F): 8x22	(A): 410 (C): 282 (D): 294 (E): 335 (F): 10x24.5	(A): 419 (C): 285 (D): 247 (E): 335 (F): 10x24

DA1064	DAE1001	DE1003	DE1006
			
			1 Inspection hole
(A): 410 (C): 282 (D): 293.5 (E): 335 (F): 10x28	(A): 410 (C): 283 (D): 281.5 (E): 335 (F): 10x23	(A): 394 (C): 280 (D): 273 (E): 335 (F): 10x32	(A): 394 (C): 280 (D): 240 (E): 335 (F): 10x24

DE1007	DE1008	DE1009	DE1011
			
Back-plate groove on base of drum		Anti squeal band with a back-plate groove on base of drum	Comes with a separate, steel, anti squeal band
(A): 394 (C): 282 (D): 237 (E): 335 (F): 10x26.5	(A): 394 (C): 281 (D): 218 (E): 335 (F): 10x23.5	(A): 394 (C): 282 (D): 265 (E): 335 (F): 10x26	(A): 394 (C): 280 (D): 273 (E): 335 (F): 10x32

DE1012	DE1013	DE1015	DE1017
			
Set-up brake drum is available to help align the brakes, reference SUBD0001	Set-up brake drum is available to help align the brakes, reference SUBD0002		
(A): 360 (C): 225 (D): 240 (E): 275 (F): 8x24	(A): 360 (C): 221 (D): 240 (E): 275 (F): 8x24	(A): 410 (C): 281 (D): 241 (E): 335 (F): 10x26	(A): 410 (C): 285 (D): 250 (E): 335 (F): 10x23.5

DE1018	DE1019	DE1021	DE1022
			
Anti squeal band with a back-plate groove on base of drum			Back-plate groove on base of drum
(A): 394 (C): 281 (D): 246 (E): 335 (F): 10x26		(A): 410 (C): 281 (D): 264 (E): 335 (F): 10x26	(A): 410 (C): 282 (D): 252 (E): 335 (F): 10x26

DE1023	DE1024	DE1025	DE1026
			
(A): 394 (C): 281 (D): 273 (E): 335 (F): 10x26	(A): 394 (C): 281 (D): 240 (E): 335 (F): 10x26	(A): 394 (C): 282.575 (D): 265 (E): 335 (F): 10x26.5	(A): 394 (C): 285 (D): 257 (E): 335 (F): 10x23

DE1027	DE1028	DE1029	DE1030
			
		Back-plate groove on base of drum	back-plate groove on base of drum
(A): 410 (C): 281 (D): 266 (E): 335 (F): 10x26	(A): 394 (C): 280 (D): 229 (E): 335 (F): 10x23.5	(A): 394 (C): 282 (D): 237 (E): 335 (F): 10x32	(A): 394 (C): 282 (D): 237 (E): 335 (F): 10x24

DE1031	DE1033	DE1034	DE1035
			
(A): 394 (C): 279 (D): 235 (E): 335 (F): 10x24	(A): 394 (C): 281 (D): 229 (E): 335 (F): 10x26	(A): 394 (C): 281 (D): 238 (E): 335 (F): 10x23.5	(A): 394 (C): 281 (D): 244 (E): 335 (F): 10x24

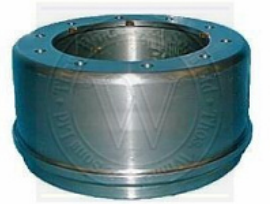
DE1036	DE1037	DE1038	DE1040
			
	Vertical cooling / strengthening fins	CAN BE REPLACED WITH DE1046	PLEASE NOTE: price adjustment made 13/02/2013 due to an increase in small batch production costs.
(A): 394 (C): 281 (D): 273 (E): 335 (F): 10x23.5	(A): 394 (C): 283 (D): 235 (E): 335 (F): 10x23.6	(A): 394 (C): 281 (D): 245 (E): 335 (F): 10x26	(A): 394 (C): 281 (D): 254 (E): 335 (F): 10x26

DE1043	DE1046	DE1048	DE1051
			
Anti squeal band with a back-plate groove on base of drum	Heavy duty drum with large anti squeal heat band.	5 Square cut air holes through wall of drum	
(A): 410 (C): 281 (D): 274 (E): 335 (F): 10x26	(A): 394 (C): 281 (D): 250 (E): 335 (F): 10x26	(A): 410 (C): 282 (D): 275 (E): 335 (F): 10x23	(A): 394 (C): 281 (D): 271 (E): 335 (F): 10x26

DE1056	DG1001	DR1001	DR1002
			
DE1016 has been replaced by DE1056			
(A): 410 (C): 282 (D): 278 (E): 335 (F): 10x26	(A): 406 (C): 281 (D): 260 (E): 335 (F): 10x23	(A): 406 (C): 282 (D): 221 (E): 335 (F): 10x32	(A): 406 (C): 282 (D): 272 (E): 335 (F): 10x32

DU1001	DU1002	DU1003	DU1004
			
		EXISTING STOCK HAS BEEN SOLD - PRICE REMOVED AND IS UNDER REVIEW	
(A): 305 (C): 176 (D): 256 (E): 225 (F): 10x26	(A): 355 (C): 225 (D): 215 (E): 275 (F): 8x26	(A): 305 (C): 176 (D): 234 (E): 225 (F): 10x26.5	(A): 355 (C): 175 (D): 275 (E): 225 (F): 10x26

DU1005	DU1006	DU1007	DU1008
			
(A): 356 (C): 240 (D): 206 (E): 275 (F): 8x21	(A): 420 (C): 280 (D): 242 (E): 335 (F): 10x23	(A): 420 (C): 285 (D): 260 (E): 335 (F): 10x26.5	(A): 420 (C): 285 (D): 249 (E): 335 (F): 10x26.5

DU1009	DU1011	DU1012	ER1001
			
(A): 420 (C): 285 (D): 271 (E): 335 (F): 10x26.5	(A): 305 (C): 160 (D): 180 (E): 205 (F): 6x21	(A): 305 (C): 160 (D): 125 (E): 205 (F): 6x20.5	(A): 394 (C): 281 (D): 235 (E): 335 (F): 10x24

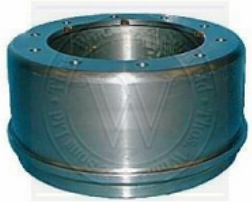
ER1002	ER1003	ER1006	ER1007
			
		PLEASE NOTE: price adjustment made 13/02/2013 due to an increase in small batch production costs.	
(A): 394 (C): 281 (D): 240 (E): 335 (F): 10x26	(A): 394 (C): 281 (D): 273 (E): 335 (F): 10x26	(A): 394 (C): 281 (D): 254 (E): 335 (F): 10x26	(A): 394 (C): 281 (D): 273 (E): 335 (F): 10x23.5

ER1008	ER1010	ER1013	ER1015
			
(A): 394 (C): 285 (D): 257 (E): 335 (F): 10x23	(A): 394 (C): 281 (D): 244 (E): 335 (F): 10x24	(A): 410 (C): 281 (D): 266 (E): 335 (F): 10x26	(A): 410 (C): 285 (D): 253 (E): 335 (F): 10x23.5

ER1016	ER1018	ER1019	ER1020
			
	Back-plate groove on base of drum	Back-plate groove on base of drum	
(A): 410 (C): 285 (D): 268 (E): 335 (F): 10x23.5	(A): 394 (C): 282.575 (D): 267 (E): 335 (F): 10x32	(A): 394 (C): 282 (D): 267 (E): 335 (F): 10x24	(A): 394 (C): 280 (D): 273 (E): 335 (F): 10x32

ER1021	ER1023	ER1028	ER1029
			
(A): 394 (C): 281 (D): 267 (E): 335 (F): 10x23.5	(A): 394 (C): 280 (D): 229 (E): 335 (F): 10x23.5	(A): 394 (C): 280 (D): 268 (E): 335 (F): 10x32	(A): 394 (C): 280 (D): 238 (E): 335 (F): 10x32

ER1038	ER1040	ER1044	ER1046
			
		Vertical rids on outer diameter.	
	(A): 410 (C): 285 (D): 273 (E): 335 (F): 10x23.5	(A): 410 (C): 285 (D): 259 (E): 335 (F): 10x28	(A): 335 (C): 222 (D): 270 (E): 275 (F): 8x23.5

FD1002	FD1003	FD1004	FD1005
			
	5 Milled slots on the register diameter	5 Milled slots on the register diameter	5 Milled slots on the register diameter
(A): 394 (C): 279 (D): 219 (E): 335 (F): 10x19.8	(A): 394 (C): 279 (D): 225 (E): 335 (F): 10x19.8	(A): 394 (C): 279 (D): 213 (E): 335 (F): 10x19.8	(A): 394 (C): 279 (D): 237 (E): 335 (F): 10x19.8

FD1006	FD1009	FD1010	FD1011
			
5 Milled slots on the register diameter			
(A): 330 (C): 157 (D): 195 (E): 205 (F): 6x19.8	(A): 394 (C): 279 (D): 206 (E): 335 (F): 10x19.8	(A): 308 (C): 157 (D): 143 (E): 197 (F): 6x11	(A): 394 (C): 279 (D): 243 (E): 335 (F): 10x24.8

FD1012	FD1014	FD1015	FD1017
			
5 Milled slots on the register diameter		2	
(A): 330 (C): 157 (D): 179 (E): 205 (F): 6x19.8	(A): 394 (C): 281 (D): 264 (E): 335 (F): 10x24.7	(A): 394 (C): 288 (D): 211 (E): 335 (F): 10x19.8	(A): 394 (C): 288 (D): 224 (E): 335 (F): 10x19.8

FD1020	FD1021	FD1023	FD1024
			
4 Milled slots on the register diameter	4 Milled slots on the register diameter	5 Milled slots on the register diameter	
(A): 330 (C): 222 (D): 194 (E): 275 (F): 8x19.8	(A): 387 (C): 222 (D): 176 (E): 275 (F): 8x19.8	(A): 394 (C): 279 (D): 250 (E): 335 (F): 10x19.8	(A): 394 (C): 281 (D): 275 (E): 335 (F): 10x24.7

FD1025	FD1028	FD1029	FD1030
			
			5 Half moon cut outs in register diameter
(A): 254 (C): 130 (D): 146 (E): 170 (F): 6x18	(A): 254 (C): 130 (D): 148 (E): 170 (F): 6x18	(A): 330 (C): 222 (D): 201 (E): 275 (F): 8x19.8	(A): 229 (D): 85 (E): 100 (F): 5x13

FD1031	FD1032	FD1035	FD1044
			
			Single Rear Wheel
(A): 308 (C): 157 (D): 130 (E): 197 (F): 6x11	(A): 279.4 (C): 142 (D): 132 (E): 180 (F): 6x18	(A): 255 (C): 132 (D): 99 (E): 165 (F): 5x12	(A): 280 (C): 118 (D): 105 (E): 160 (F): 5x15.5

FD1045	FD1046	FO1002	FO1003
			
	Twin Rear Wheel		
(A): 254 (C): 132 (D): 99 (E): 160 (F): 5x16	(A): 280 (C): 142 (D): 132 (E): 180 (F): 6x15.5	(A): 419 (C): 281 (D): 229 (E): 335 (F): 10x32	(A): 419 (C): 281 (D): 256 (E): 335 (F): 10x32

FO1004	FO1005	FO1008	FO1009
			
(A): 381 (C): 281 (D): 248 (E): 335 (F): 10x32	(A): 381 (C): 281 (D): 256 (E): 335 (F): 10x23.5	(A): 419 (C): 281 (D): 241 (E): 335 (F): 10x26	(A): 419 (C): 280 (D): 241 (E): 335 (F): 10x23.5

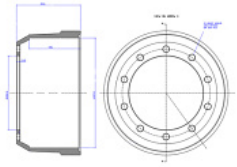
FO1011	FO1012	FO1013	FO1014
			
(A): 419 (C): 285 (D): 270 (E): 335 (F): 10x23.5	(A): 419 (C): 281 (D): 264 (E): 335 (F): 10x26	(A): 419 (C): 281 (D): 260 (E): 335 (F): 10x23.5	(A): 419 (C): 281 (D): 255 (E): 335 (F): 10x23.5

FO1015	FO1016	FO1017	FO1020
			
(A): 419 (C): 285 (D): 257 (E): 335 (F): 10x23.5	(A): 419 (C): 281 (D): 272 (E): 335 (F): 10x23.5	(A): 419 (C): 281 (D): 267 (E): 335 (F): 10x23.5	(A): 394 (C): 281 (D): 257 (E): 335 (F): 10x26

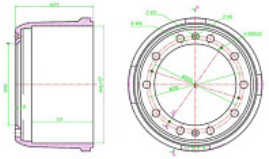
FO1021	FO1022	FRE1001	FT1004
			
(A): 419 (C): 281 (D): 255 (E): 335 (F): 10x26	(A): 419 (C): 281 (D): 276 (E): 335 (F): 10x26	(A): 420 (C): 290 (D): 258 (E): 335 (F): 10x26.75	(A): 381 (C): 285 (D): 249 (E): 335 (F): 10x23

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

FT1005	FU1001	FU1002	FU1004
			
(A): 381 (C): 285 (D): 243 (E): 335 (F): 10x23	(A): 419 (C): 285.75 (D): 280.5 (E): 335 (F): 10x24.5	(A): 419 (C): 285.75 (D): 320.5 (E): 335 (F): 10x24.5	(A): 419 (C): 282 (D): 246.5 (E): 335 (F): 10x23

GN1002	GN1007	GN1008	GR1001
			
THIS DRUM IS SIMILAR TO THE STANDARD MERITOR DRUM WINNARD RO1014 BUT THE OVERALL HEIGHT AND LINING AREA IS SLIGHTLY DIFFERENT		DRUM IS UNDER DEVELOPMENT BUT RO1014 CAN BE USED IN ITS PLACE BUT THE DEISGN DOES NOT HAVE A BACKPLATE GROOVE	
(A): 419 (C): 282.5 (D): 248 (E): 335 (F): 10x24	(A): 335 (C): 183 (D): 270 (E): 225 (F): 10x24	(A): 420 (D): 244 (E): 335 (F): 10x24.5	(A): 381 (C): 281 (D): 274 (E): 335 (F): 10x23.5

GR1003	HI1001	HI1002	HI1003
			
(A): 410 (C): 300 (D): 271 (E): 335 (F): 10x23	(A): 406 (C): 282 (D): 270 (E): 335 (F): 10x23	(A): 406 (C): 282 (D): 241 (E): 335 (F): 10x26	(A): 406 (C): 282 (D): 206 (E): 335 (F): 10x26

HI1004	HI1005	HI1011	HI1013
			
		10mm x 45 Degree Chamfer on the underside of the bolt flange	
(A): 406 (C): 282 (D): 221 (E): 335 (F): 10x26	(A): 406 (C): 282 (D): 284 (E): 335 (F): 10x26	(A): 406.6 (C): 282 (D): 270 (E): 335 (F): 10x26	(A): 410 (C): 282 (D): 280 (E): 335 (F): 10x26

HU1001	HU1002	IS1004	IS1005
			
(A): 394 (C): 292 (D): 216 (E): 335 (F): 10x23.5	(A): 394 (C): 292 (D): 251 (E): 335 (F): 10x23.5	(A): 300 (C): 133 (D): 182 (E): 170 (F): 6x15	(A): 320 (C): 156 (D): 158 (E): 222.25 (F): 6x23.5

IS1006	IS1019	IS1027	IV1001
			
(A): 320 (C): 156 (D): 167 (E): 222.25 (F): 6x23.5	(A): 410 (C): 230 (D): 193 (E): 285 (F): 8x22.5	(A): 410 (C): 230 (D): 195 (E): 285 (F): 8x22.5	(A): 270 (C): 130 (D): 144 (E): 170 (F): 6x19

IV1005	IV1008	IV1015	IV1020
			
			Back-plate groove in base of drum
(A): 325 (C): 255 (D): 158 (E): 280 (F): 6x13	(A): 325 (C): 255 (D): 135 (E): 280 (F): 6x13	(A): 254 (C): 130 (D): 122 (E): 170 (F): 6x19	(A): 325 (C): 255 (D): 116 (E): 280 (F): 6x13

IV1022	IV1024	IV1025	IV1026
			
	Flange thickness 20mm. USE IN PLACE OF IV1081		
(A): 381 (C): 285 (D): 254 (E): 335 (F): 10x23	(A): 410 (C): 285 (D): 258 (E): 335 (F): 10x23	(A): 360 (C): 228 (D): 231 (E): 275 (F): 8x22	(A): 360 (C): 228 (D): 250 (E): 275 (F): 8x23.5

IV1028	IV1029	IV1031	IV1032
			
20mm Thick stud flange (Where the studs go through)			
(A): 410 (C): 285 (D): 250 (E): 335 (F): 10x23	(A): 410 (C): 285 (D): 283 (E): 335 (F): 10x23	(A): 310 (C): 165 (D): 179 (E): 205 (F): 6x20	(A): 310 (C): 165 (D): 193 (E): 205 (F): 6x20

IV1033	IV1034	IV1035	IV1036
			
		Back-plate groove in base of drum	
(A): 325 (C): 207 (D): 201 (E): 245 (F): 6x20	(A): 325 (C): 207 (D): 222 (E): 245 (F): 6x20	(A): 410 (C): 285 (D): 255 (E): 335 (F): 10x23	(A): 325 (C): 228 (D): 194 (E): 275 (F): 8x21.5

IV1037	IV1038	IV1041	IV1046
			
(A): 410 (C): 285 (D): 272 (E): 335 (F): 10x23	(A): 310 (C): 165 (D): 140 (E): 205 (F): 6x18	(A): 410 (C): 281 (D): 266 (E): 335 (F): 10x26	(A): 410 (C): 285 (D): 268 (E): 335 (F): 10x23.5

IV1047	IV1053	IV1057	IV1058
			
	Back Plate Groove. 15mm Stud Flange. IV1076 now replaces IV1053.		
(A): 419 (C): 285 (D): 252 (E): 335 (F): 10x23.5	(A): 410 (C): 285 (D): 256 (E): 335 (F): 10x23	(A): 381 (C): 285 (D): 273 (E): 335 (F): 10x23	(A): 381 (C): 285 (D): 239 (E): 335 (F): 10x23

IV1059	IV1060	IV1062	IV1063
			
	Back-plate groove in base of drum	Back plate groove, 25mm Stud Flange	15mm Thick bolt flange
(A): 410 (C): 285 (D): 242 (E): 335 (F): 10x23	(A): 410 (C): 285 (D): 289 (E): 335 (F): 10x23	(A): 410 (C): 285 (D): 257 (E): 335 (F): 10x23	(A): 410 (C): 285 (D): 244 (E): 335 (F): 10x23

IV1076	IV1080	IV1086	IV1087
			
Back Plate Groove. 15mm Stud Flange. IV1076 now replaces IV1053.		Vertical Fins	
(A): 410 (C): 285 (D): 256 (E): 335 (F): 10x23		(A): 410 (C): 285 (D): 273 (E): 335 (F): 10x23	(A): 325 (C): 170 (D): 209 (E): 205 (F): 6x19

IV1088	IV1096	KA1004	KA1005
			
(A): 410 (C): 285 (D): 275 (E): 335 (F): 10x23	(A): 381 (C): 285 (D): 240 (E): 335 (F): 10x23	(A): 300 (C): 185 (D): 300 (E): 225 (F): 10x23	(A): 410 (C): 290 (D): 236 (E): 335 (F): 10x23

KA1010	KA1011	KAR1001	KAR1002
			
(A): 400 (C): 290 (D): 266 (E): 335 (F): 10x23	(A): 410 (C): 290 (D): 291 (E): 335 (F): 10x23	(A): 420 (C): 285 (D): 261 (E): 335 (F): 10x23	(A): 420 (C): 285 (D): 214 (E): 335 (F): 10x23

KAR1003	KAR1004	KAR1005	KE1001
			
(A): 420 (C): 280 (D): 214 (E): 335 (F): 10x23	(A): 420 (C): 280 (D): 252 (E): 335 (F): 10x27	(A): 410 (C): 285 (D): 252.5 (E): 335 (F): 10x23	(A): 500 (C): 385 (D): 210 (E): 425 (F): 12x23

KE1002	KE1003	KE1004	KE1005
			
(A): 500 (C): 300 (D): 230 (E): 335 (F): 10x23	(A): 500 (C): 385 (D): 230 (E): 425 (F): 12x23	(A): 500 (C): 300 (D): 250 (E): 335 (F): 10x23	(A): 500 (C): 300 (D): 246 (E): 335 (F): 10x23

KE1007	KE1009	KE1010	KE1011
			
(A): 410 (C): 300 (D): 243 (E): 335 (F): 10x23	(A): 500 (C): 300 (D): 263 (E): 335 (F): 10x23	(A): 500 (C): 295 (D): 192 (E): 335 (F): 10x23	(A): 500 (C): 385 (D): 217 (E): 425 (F): 10x23

KE1013	KE1016	KE1018	KE1020
			
Domed shaped hub cover			
(A): 500 (C): HUB (D): 192 (E): 335 (F): 10x23	(A): 410 (C): 300 (D): 268 (E): 335 (F): 10x23	(A): 500 (C): 385 (D): 223 (E): 425 (F): 12x23	(A): 500 (C): 385 (D): 242 (E): 425 (F): 12x23

KE1021	KE1022	KE1026	KI1012
			
	Columns of cast pillars on the inside of the stud flange. Optional drum also available KE1026. Same design but with only a 9mm thick flange.	Columns of cast pillars on the inside of the stud flange. Also see KE1022 which is then same design of drum but with a thicker flange at 21mm. KE1022 can be converted into KE1026.	
(A): 500 (C): 300 (D): 266 (E): 335 (F): 10x23	(A): 410 (C): 300 - Flange 21mm thick (D): 307 (E): 335 (F): 10x22.8	(A): 410 (C): 300 - Flange 9 mm (D): 295 (E): 335 (F): 10x23	(A): 394 (C): 281 (D): 257 (E): 335 (F): 10x26

KI1017	KI1025	KR1001	KR1002
			
		2 Half moon cut outs in register diameter	2 Half moon cut outs in register diameter
(A): 394 (C): 281 (D): 286 (E): 335 (F): 10x26	(A): 394 (C): 281 (D): 283 (E): 335 (F): 10x26	(A): 500 (C): 371 (D): 248 (E): 426 (F): 12x22.5	(A): 500 (C): 371 (D): 231 (E): 426 (F): 12x22.5

LA1001	LA1002	LE1002	LE1005
			
		Flat base	5 External ribs
(A): 315 (C): 225 (D): 184 (E): 275 (F): 8x23	(A): 315 (C): 225 (D): 143 (E): 275 (F): 8x22.5	(A): 394 (C): 280 (D): 183 (E): 335 (F): 10x32.5	(A): 394 (C): 279 (D): 207 (E): 335 (F): 10x23.5

LE1007	LE1008	LE1013	LE1014
			
PLEASE NOTE NEW PRICE FROM 23-05-2019		7 External ribs	
(A): 394 (C): 280 (D): 262 (E): 335 (F): 10x32.5	(A): 394 (C): 280 (D): 238 (E): 335 (F): 10x32	(A): 394 (C): 279 (D): 250 (E): 335 (F): 10x32	(A): 394 (C): 279 (D): 176 (E): 335 (F): 10x29

LE1023	LE1024	LE1025	LE1026
			
3 External ribs			
(A): 394 (C): 282 (D): 241 (E): 335 (F): 10x23.5	(A): 394 (C): 282 (D): 256 (E): 335 (F): 10x23.5	(A): 394 (C): 281 (D): 238 (E): 335 (F): 10x32	(A): 394 (C): 281 (D): 238 (E): 335 (F): 10x23.5

LE1027	LE1028	LE1030	LE1032
			
			Flat base with 2 Inspection holes
(A): 394 (C): 283 (D): 254 (E): 335 (F): 10x23.5	(A): 394 (C): 279 (D): 207 (E): 335 (F): 10x23.5	(A): 394 (C): 282 (D): 235 (E): 335 (F): 10x23.5	(A): 394 (C): 279 (D): 262 (E): 335 (F): 10x23.5

LE1034	LE1035	LE1036	LE1037
			
	Flat base with 4 Inspection holes	8 External ribs	4 inspection holes
(A): 394 (C): 283 (D): 283 (E): 335 (F): 10x23.5	(A): 394 (C): 279 (D): 202 (E): 335 (F): 10x23.5	(A): 394 (C): 282 (D): 268 (E): 335 (F): 10x23.5	(A): 394 (C): 282 (D): 202 (E): 335 (F): 10x23.5

LE1038	LE1042	LE1043	LE1044
			
8 External ribs		8 External ribs	7 External ribs
(A): 394 (C): 282 (D): 267 (E): 335 (F): 10x23.5	(A): 394 (C): 280 (D): 238 (E): 335 (F): 10x32	(A): 394 (C): 279 (D): 267 (E): 335 (F): 10x31.3	(A): 394 (C): 279 (D): 283 (E): 335 (F): 10x31.3

LE1050	LE1051	LE1052	LE1053
			
6 External ribs		Flat base with 4 Inspection holes	
(A): 394 (C): 279 (D): 195 (E): 335 (F): 10x31.3	(A): 394 (C): 282 (D): 208 (E): 335 (F): 10x23.5	(A): 394 (C): 282 (D): 268 (E): 335 (F): 10x23.5	(A): 419 (C): 283 (D): 283 (E): 335 (F): 10x23.5

LE1054	LE1056	LE1058	LE1061
			
7 External ribs			
(A): 394 (C): 282 (D): 267 (E): 335 (F): 10x26.5	(A): 308 (C): 160 (D): 175 (E): 205 (F): 6x23.5	(A): 394 (C): 281 (D): 260 (E): 335 (F): 10x23.5	(A): 419 (C): 282 (D): 259 (E): 335 (F): 10x23.5

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

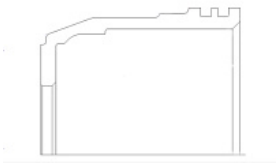
LE1063	LE1064	LE1066	LE1067
			
			25mm thick bolt flange
(A): 330 (C): 163 (D): 149 (E): 205 (F): 6x20	(A): 308 (C): 163 (D): 175 (E): 205 (F): 6x20	(A): 410 (C): 282 (D): 235 (E): 335 (F): 10x23.5	(A): 410 (C): 282 (D): 241 (E): 335 (F): 10x23.5

LE1068	LE1069	LE1071	LE1072
			
25mm thick bolt flange	5 External ribs		
(A): 410 (C): 282 (D): 252 (E): 335 (F): 10x23.5	(A): 394 (C): 283 (D): 208 (E): 335 (F): 10x23.5	(A): 330 (C): 223 (D): 229 (E): 275 (F): 8x22	(A): 330 (C): 223 (D): 213 (E): 275 (F): 8x22

LE1073	LE1075	LE1076	LE1077
			
8 External ribs			7 External Ribs
(A): 394 (C): 283 (D): 278 (E): 335 (F): 10x23	(A): 394 (C): 223 (D): 213 (E): 275 (F): 8x22	(A): 387 (C): 223 (D): 203 (E): 275 (F): 8x22	(A): 394 (C): 283 (D): 265 (E): 335 (F): 10x23.5

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

LE1078	LE1080	LE1081	LE1083
			
5 External ribs and 4 inspection holes	13mm Thick stud flange	20mm thick bolt flange	
(A): 394 (C): 282 (D): 202 (E): 335 (F): 10x23.5	(A): 410 (C): 281 (D): 265 (E): 335 (F): 10x23.5	(A): 410 (C): 282 (D): 243 (E): 335 (F): 10x23.5	(A): 425.45 (C): 279.4 (D): 257.3 (E): 335 (F): 10x31.34

LE1084	LE1085	LE1086	LE1089
			
16mm Thick stud flange		5 External ribs and 4 inspection holes	7 External ribs, 1 25mm thick
(A): 410 (C): 281 (D): 268 (E): 335 (F): 10x23.5	(A): 425.450 (C): 279.4 (D): 186.69 (E): 335 (F): 10x31.344	(A): 394 (C): 282 (D): 208 (E): 335 (F): 10x23.5	(A): 394 (C): 282 (D): 260 (E): 335 (F): 10x23.5

LE1090	LE1092	LE1094	LE1096
			
			5 External ribs and 4 inspection holes
(A): 254 (C): 132 (D): 119 (E): 170 (F): 6x19	(A): 325 (C): 163 (D): 177 (E): 205 (F): 6x20	(A): 330 (C): 163 (D): 224 (E): 205 (F): 6x20	(A): 394 (C): 279 (D): 204 (E): 335 (F): 10x23.5

LE1097	LE1101	LE1104	LE1105
			
20mm thick bolt flange			
(A): 410 (C): 282 (D): 256 (E): 335 (F): 10x23.5	(A): 330 (C): 160 (D): 167 (E): 205 (F): 6x23	(A): 325 (C): 223 (D): 212 (E): 275 (F): 8x22	(A): 330 (C): 160 (D): 182 (E): 205 (F): 6x23

LE1106	LE1107	LE1111	LE1116
			
(A): 394 (C): 223 (D): 229 (E): 275 (F): 8x22	(A): 330 (C): 160 (D): 224 (E): 205 (F): 6x23	(A): 411 (C): 282 (D): 282 (E): 335 (F): 10x23.5	(A): 325 (C): 223 (D): 177 (E): 275 (F): 8x22

LE1118	LE1120	LE1122	LE1128
			
(A): 228 (C): 54 (D): 85 (E): 125 (F): 5x11	(A): 394 (C): 283 (D): 217 (E): 335 (F): 10x24	(A): 254 (C): 82 (D): 90 (E): 170 (F): 6x15	(A): 325 (C): 223 (D): 188 (E): 275 (F): 8x22

LE1129	LE1142	LE1144	LEC1003
			
(A): 325 (C): 223 (D): 202 (E): 275 (F): 8x22	(A): 280 (C): 75 (D): 114 (E): 118 (F): 5x15	(A): 280 (C): 85 (D): 114 (E): 130 (F): 5x17	(A): 420 (C): 290 (D): 252 (E): 335 (F): 10x23

LEC1004	LEC1005	LEC1006	LEC1007
(A): 411 (C): 280 (D): 244 (E): 335 (F): 10x23.2	(A): 411 (C): 280 (D): 248 (E): 335 (F): 10x26	(A): 411 (C): 280 (D): 245 (E): 335 (F): 10x23.5	(A): 411 (C): 280 (D): 248 (E): 335 (F): 6x16.5

LEC1008	LEC1010	MAK1001	MAK1002
			
	EXTERNAL VERTICAL RIBS		
(A): 411 (C): 280 (D): 255 (E): 335 (F): 10x23.2	(A): 411 (C): 280 (D): 244 (E): 335 (F): 10x26	(A): 419 (C): 280.8 (D): 241 (E): 335 (F): 10x26.5	(A): 381 (C): 284 (D): 186 (E): 335 (F): 10x26.5

MCW1001	MCW1002	MCW1003	MCW1004
			
(A): 394 (C): 281 (D): 229 (E): 335 (F): 10x26	(A): 394 (C): 280 (D): 273 (E): 335 (F): 10x32	(A): 394 (C): 281 (D): 273 (E): 335 (F): 10x26	(A): 394 (C): 281 (D): 271 (E): 335 (F): 10x26

MCW1005	MCW1006	MCW1012	MCW1013
			
(A): 394 (C): 281 (D): 238 (E): 335 (F): 10x26		(A): 394 (C): 280 (D): 229 (E): 335 (F): 10x23.5	(A): 394 (C): 281 (D): 240 (E): 335 (F): 10x26

MD1001	MD1002	MD1004	MD1007
			
5x23mm Hub reduction holes	5x23mm Hub reduction holes	MD1004 is very similar to the Mercedes Brake Drum 305 421 0101, 305 421 0401 (Winnard MNE1001) but MD1004 has a deeper internal hub location step.	
(A): 410 (C): 298 (D): 300 (E): 335 (F): 10x23	(A): 410 (C): 298 (D): 280 (E): 335 (F): 10x23	(A): 410 (C): 298 (D): 212 (E): 335 (F): 10x23	(A): 325 (C): 204 (D): 167 (E): 245 (F): 6x20

MD1008	MD1009	MD1010	MD1011
			
(A): 325 (C): 204 (D): 192 (E): 245 (F): 6x20	(A): 360 (C): 230 (D): 198 (E): 275 (F): 8x22	(A): 360 (C): 230 (D): 242 (E): 275 (F): 8x22	(A): 410 (C): 298 (D): 232 (E): 335 (F): 10x23

MD1013	MD1014	MD1016	MD1018
			
5x23mm Hub reduction holes			
(A): 410 (C): 298 (D): 250 (E): 335 (F): 10x23	(A): 325 (C): 208 (D): 207.5 (E): 245 (F): 6x20	(A): 360 (C): 230 (D): 247 (E): 275 (F): 8x22	(A): 360 (C): 230 (D): 223 (E): 275 (F): 8x22

MG1001	MG1002	MG1005	MG1006
			
(A): 381 (C): 285 (D): 235 (E): 335 (F): 10x23	(A): 381 (C): 295 (D): 229 (E): 335 (F): 10x23	(A): 381 (C): 285 (D): 272 (E): 335 (F): 10x23	(A): 381 (C): 285 (D): 240 (E): 335 (F): 10x23

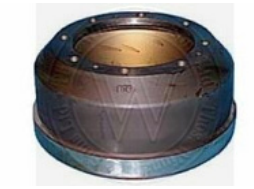
MIS0343	MIS0539	MIS0540	MIS0544
			
			(A): 410 (C): 283 (D): 229 (E): 335 (F): 10x23.5

MIS0655	MNE1001	MNE1002	MNE1003
			
		5x23mm Hub reduction holes	5x23mm Hub reduction holes
(A): 504 (C): 280 (D): 218 (E): 335 (F): 10x26	(A): 410 (C): 298 (D): 213 (E): 335 (F): 10x23	(A): 410 (C): 298 (D): 280 (E): 335 (F): 10x23	(A): 410 (C): 298 (D): 270 (E): 335 (F): 10x23

MNE1004	MNE1005	MNE1006	MNE1008
			
	5x23mm Hub reduction holes	5x23mm Hub reduction holes	
(A): 410 (C): 298 (D): 229 (E): 335 (F): 10x23	(A): 410 (C): 298 (D): 280 (E): 335 (F): 10x23	(A): 410 (C): 298 (D): 300 (E): 335 (F): 10x23	(A): 410 (C): 298 (D): 248 (E): 335 (F): 10x23

MNE1009	MNE1012	MNE1013	MNE1014
			
5x23mm Hub reduction holes	Internal hub and drum assembly, external vertical cooling fins	External hub and drum assembly	
(A): 410 (C): 298 (D): 290 (E): 335 (F): 10x23	(A): 304 (C): HUB (D): 118 (E): 205 (F): 6x14	(A): 304 (C): HUB (D): 260 (E): 205 (F): 6x14	(A): 410 (C): 298 (D): 238 (E): 335 (F): 10x23

MNE1016	MNE1017	MNE1020	MNE1021
			
External hub and drum assembly	Internal hub and drum assembly, external vertical cooling fins	5x23mm Hub reduction holes	
(A): 300 (C): HUB (D): 228 (E): 205 (F): 6x14	(A): 300 (C): HUB (D): 155 (E): 205 (F): 6x14	(A): 410 (C): 298 (D): 250 (E): 335 (F): 10x23	(A): 410 (C): 298 (D): 210 (E): 335 (F): 10x23

MNE1023	MNE1024	MNE1026	MNE1029
			
5x23mm Hub reduction holes	External hub and drum assembly, inner bearing diameter 100mm		MNE1035 can replace MNE1029 if fitted with MB111/112/1 brake linings.
(A): 410 (C): 298 (D): 259 (E): 335 (F): 10x23	(A): 300 (C): 90 (D): 213 (E): 205 (F): 6x14	(A): 410 (C): 298 (D): 258 (E): 335 (F): 10x23	(A): 360 (C): 238 (D): 193 (E): 275 (F): 8x21

MNE1030	MNE1031	MNE1034	MNE1035
			
back-plate groove on base of drum	5x23mm Hub reduction holes. Heavy duty version available MNE1107 (3054230701)	MNE1037 can replace this drum if fitted with MB/113/114/1 brake linings.	
(A): 410 (C): 298 (D): 236 (E): 335 (F): 10x23	(A): 410 (C): 298 (D): 306 (E): 335 (F): 10x23	(A): 360 (C): 238 (D): 210 (E): 275 (F): 8x21	(A): 364 (C): 238 (D): 193 (E): 275 (F): 8x21

MNE1037	MNE1038	MNE1039	MNE1040
			
	External hub and drum assembly	Internal hub and drum assembly	Internal hub and drum assembly with a diameter of 100mm. PLEASE NOTE When upgrading from MB/97 linings you may need a longer wheel stud ref. modification to drum. STUD ref 674 402 0171
(A): 364 (C): 238 (D): 210 (E): 275 (F): 8x21	(A): 308 (C): 92 (D): 292 (E): 205 (F): 6x18	(A): 308 (C): HUB BEARING - INNER 100mm - OUTER 72mm (D): 179 (E): 208 (F): 6x18	(A): 308 (C): HUB (D): 171 (E): 205 (F): 6x18

MNE1042	MNE1043	MNE1044	MNE1048
			
		External hub and drum assembly, inner bearing diameter 110mm	
(A): 260 (C): 85 (D): 83 (E): 130 (F): 5x15	(A): 230 (C): 85 (D): 73 (E): 130 (F): 5x15	(A): 300 (C): 92 (D): 273 (E): 205 (F): 6x14	(A): 410 (C): 298 (D): 306 (E): 335 (F): 10x23

MNE1049	MNE1050	MNE1051	MNE1054
			
Internal hub and drum assembly with a inner bearing diameter of 95mm	External hub and drum assembly	External hub and drum assembly	External hub and drum assembly, back-plate groove on base of drum
(A): 308 (C): HUB (D): 163 (E): 205 (F): 6x18	(A): 270 (C): 90 (D): 213 (E): 205 (F): 6x14	(A): 308 (C): HUB (D): 284 (E): 205 (F): 6x18	(A): 300 (D): 295 (E): 205 (F): 6x18

MNE1058	MNE1064	MNE1066	MNE1074
			
External hub and drum assembly, back-plate groove on base of drum	External hub and drum assembly, inner bearing diameter 110mm	External hub and drum assembly	External hub and drum assembly, inner bearing diameter 115mm
(A): 300 (C): 92 (D): 284 (E): 205 (F): 6x14	(A): 300 (C): HUB (D): 213 (E): 205 (F): 6x14	(A): 308 (C): 90 (D): 296 (E): 205 (F): 6x18	(A): 300 (C): HUB (D): 284 (E): 205 (F): 6x14

MNE1094	MNE1095	MNE1096	MNE1099
			
Internal hub and drum assembly with a diameter of 95mm	Re-inforced heat band. 5 x 23 Holes for hub reduction	5 x 23 Holes for hub reduction	
(A): 308 (C): HUB (D): 171 (E): 205 (F): 6x18	(A): 410 (C): 298 (D): 260 (E): 335 (F): 10x23	(A): 410 (C): 298 (D): 260 (E): 335 (F): 10x23	(A): 364 (C): 238 (D): 251 (E): 275 (F): 8x21

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

MNE1100	MNE1107	MNE1118	MNE1126
			
External hub and drum assembly	Heavy Duty Version of MNE1031, 305 423 0401. 5 x 23 Holes for hub reduction	Made from high grade cast iron 100Km/h	
(A): 308 (C): HUB (D): 289 (E): 205 (F): 6x18	(A): 410 (C): 298 (D): 306 (E): 335 (F): 10x23	(A): 410 (C): 298 (D): 218 (E): 335 (F): 10x23	(A): 308 (D): 296 (E): 205 (F): 6x18

MNE1127	MNE1135	MT1003	MT1005
			
		Back-plate groove on base of drum	Back-plate groove on base of drum
(A): 410 (C): 298 (D): 218 (E): 335 (F): 10x23	(A): 308 (C): HUB BEARING DIAMETER - INNER 100mm OUTER 80mm (D): 179.5 (E): 205 (F): 6x18	(A): 320 (C): 175 (D): 134 (E): 222 (F): 6x19.5	(A): 279.5 (C): 132 (D): 139 (E): 170 (F): 6x11

MT1006	MT1009	MT1026	MT1027
			
(A): 320 (C): 175 (D): 123 (E): 222 (F): 6x19.5	(A): 320 (C): 165 (D): 145 (E): 210 (F): 5x19	(A): 400 (C): 215 (D): 172 (E): 285 (F): 8x23	(A): 400 (C): 215 (D): 212 (E): 285 (F): 8x23

NE1002	NE1003	NIS1010	OP1004
			
5 Square cut air holes through wall of drum	Back-plate groove on base of drum		
(A): 410 (C): 282 (D): 275 (E): 335 (F): 10x23	(A): 410 (C): 298 (D): 219 (E): 335 (F): 10x23	(A): 308 (C): 161 (D): 161 (E): 205 (F): 6x21	(A): 410 (C): 298 (D): 213 (E): 335 (F): 10x23

OP1019	PEG1001	RN1001	RN1003
			
THIS DRUM CAN BE SUPPLIED BUT WE WILL REQUIRE A MINIMUM ORDER OF 10 PCS. LEAD TIME IS AROUND 60 DAYS.			
(A): 420 (C): 282 (D): 270 (E): 335 (F): 10x24	(A): 410 (C): 282 (D): 290 (E): 335 (F): 10x24	(A): 414 (C): 290 (D): 245 (E): 335 (F): 10x25	(A): 414 (C): 281 (D): 206 (E): 335 (F): 10x25

RN1004	RN1005	RN1006	RN1009
			
(A): 414 (C): 281 (D): 235 (E): 335 (F): 10x26.5	(A): 414 (C): 281 (D): 230 (E): 335 (F): 10x25	(A): 414 (C): 290 (D): 259 (E): 335 (F): 10x25	(A): 414 (C): 281 (D): 245 (E): 335 (F): 10x25

RN1010	RN1011	RN1012	RN1014
			
(A): 414 (C): 281 (D): 256 (E): 335 (F): 10x25	(A): 414 (C): 281 (D): 253 (E): 335 (F): 10x26.5	(A): 414 (C): 281 (D): 237 (E): 335 (F): 10x25.2	(A): 414 (C): 281 (D): 232 (E): 335 (F): 10x25

RN1015	RN1016	RN1017	RN1020
			
(A): 360 (C): 228 (D): 224 (E): 275 (F): 8x21.5	(A): 325 (C): 207 (D): 201 (E): 245 (F): 6x20	(A): 325 (C): 207 (D): 222 (E): 245 (F): 6x20	(A): 310 (C): 165 (D): 179 (E): 205 (F): 6x20

RN1021	RN1022	RN1023	RN1030
			
	PLEASE NOTE PRICE INCREASE AS FROM 01/03/2015		
(A): 310 (C): 165 (D): 193 (E): 205 (F): 6x20	(A): 414 (C): 281 (D): 214 (E): 335 (F): 10x25	(A): 414 (C): 281 (D): 277 (E): 335 (F): 10x26	(A): 305 (C): 143 (D): 155 (E): 190 (F): 5x20

RN1033	RN1040	RN1043	RN1044
			
(A): 414 (C): 281 (D): 222 (E): 335 (F): 10x25	(A): 360 (C): 228 (D): 242 (E): 275 (F): 8x21.5	(A): 420 (C): 230 (D): 227 (E): 275 (F): 8x21	(A): 414 (C): 281 (D): 235 (E): 335 (F): 10x25.2

RN1049	RN1058	RN1059	RN1073
			
Backplate groove	12mm Thick Bolt Flange		
(A): 414 (C): 281 (D): 278 (E): 335 (F): 10x26.5	(A): 414 (C): 281 (D): 231 (E): 335 (F): 10x25.2	(A): 414 (C): 281 (D): 256.5 (E): 335 (F): 10x25.2	(A): 394 (C): 228 (D): 201.5 (E): 275 (F): 8x21.5

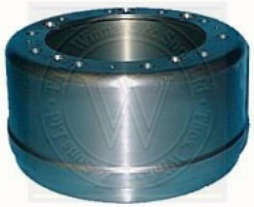
RN1074	RN1076	RN1079	RN1090
			
(A): 394 (C): 228 (D): 218 (E): 275 (F): 8x21.5	(A): 414 (C): 281 (D): 287 (E): 335 (F): 10x26.2	(A): 414 (C): 290 (D): 271 (E): 335 (F): 10x25.2	(A): 410 (C): 282 (D): 233 (E): 335 (F): 10x28

RO1001	RO1002	RO1003	RO1005
			
(A): 311 (C): 225 (D): 260 (E): 275 (F): 8x24.5	(A): 419 (C): 282 (D): 271 (E): 335 (F): 10x24	(A): 394 (C): 282 (D): 230 (E): 335 (F): 10x24	(A): 394 (C): 282 (D): 219 (E): 335 (F): 10x24

RO1007	RO1009	RO1010	RO1012
			
This drum fits under the hub. i.e INTERNAL MOUNTING	6 Threaded holes for ABS sensor location	back-plate groove on base of drum	DRILLED WITH 5 THREADED HOLES FOR ABS LOCATION. IF ABS IS NOT REQUIRED RO1011 CAN BE USED.
(A): 419 (C): 283 (D): 248 (E): 335 (F): 10x24.25	(A): 311 (C): 183 (D): 260 (E): 225 (F): 10x24.5	(A): 419 (C): 282 (D): 242 (E): 335 (F): 10x24	(A): 350 (C): 183 (D): 264 (E): 225 (F): 10x24.5

RO1014	RO1015	RO1020	RW1001
			
This drum fits over the hub. i.e EXTERNAL MOUNTING	Bellshape with a back-plate groove on base of drum	Bellshape with a back-plate groove on base of drum	
(A): 419 (C): 282 (D): 237 (E): 335 (F): 10x24.5	(A): 350 (C): 183 (D): 263 (E): 225 (F): 8x24.5	(A): 350 (C): 226 (D): 265 (E): 275 (F): 8x24.5	(A): 514 (C): 369 (D): 193 (E): 431 (F): 12x25

SA1003	SA1005	SA1007	SA1008
			
		back-plate groove on base of drum	Back-plate groove on base of drum
(A): 394 (C): 280 (D): 229 (E): 335 (F): 10x23.5	(A): 394 (C): 280 (D): 244 (E): 335 (F): 10x23	(A): 394 (C): 282 (D): 237 (E): 335 (F): 10x24	(A): 394 (C): 282 (D): 267 (E): 335 (F): 10x24

SA1009	SA1011	SA1012	SA1013
			
International type axle			
(A): 419 (C): 284 (D): 251 (E): 335 (F): 10x23	(A): 394 (C): 282 (D): 206 (E): 335 (F): 10x24	(A): 394 (C): 281 (D): 267 (E): 335 (F): 10x23.5	(A): 419 (C): 281 (D): 255 (E): 335 (F): 10x23.5

SA1016	SA1017	SA1018	SA1020
			
International type axle			
(A): 419 (C): 284 (D): 284 (E): 335 (F): 10x24	(A): 419 (C): 281 (D): 272 (E): 335 (F): 10x23.5	(A): 394 (C): 284 (D): 242 (E): 335 (F): 10x23	(A): 394 (C): 290 (D): 252 (E): 335 (F): 10x29

SA1021	SA1022	SA1023	SA1024
			
	Heavy duty drum, bell shape with a back-plate groove on base.	Spanish type axle	Spanish type axle
(A): 419 (C): 281 (D): 252 (E): 335 (F): 10x26	(A): 419 (C): 282 (D): 270 (E): 335 (F): 10x26	(A): 410 (C): 282 (D): 221 (E): 335 (F): 10x24	(A): 410 (C): 282 (D): 246 (E): 335 (F): 10x24

SA1026	SA1027	SA1028	SA1030
			
Spanish type axle			Back-plate groove on base of drum
(A): 410 (C): 282 (D): 270 (E): 335 (F): 10x24	(A): 394 (C): 284 (D): 285 (E): 335 (F): 10x23	(A): 419 (C): 285 (D): 257 (E): 335 (F): 10x23.5	(A): 394 (C): 282 (D): 237 (E): 335 (F): 10x32

SA1031	SA1034	SA1035	SA1036
			
			Back-plate groove on base of drum
(A): 410 (C): 281 (D): 266 (E): 335 (F): 10x26	(A): 394 (C): 281 (D): 240 (E): 335 (F): 10x26	(A): 394 (C): 282.575 (D): 265 (E): 335 (F): 10x26.5	(A): 394 (C): 282.575 (D): 267 (E): 335 (F): 10x32

SA1037	SA1039	SA1040	SA1041
			
	Back-plate groove on base of drum		
(A): 419 (C): 281 (D): 267 (E): 335 (F): 10x23.5	(A): 394 (C): 282 (D): 237 (E): 335 (F): 10x26.5	(A): 419 (C): 282 (D): 263 (E): 335 (F): 10x26	(A): 419 (C): 285 (D): 252 (E): 335 (F): 10x23.5

SA1044	SA1045	SA1046	SAE1008
			
			Backplate groove
(A): 419 (C): 285 (D): 245 (E): 335 (F): 10x23.5	(A): 335 (C): 222 (D): 270 (E): 275 (F): 8x23.5	(A): 419 (C): 281 (D): 267 (E): 335 (F): 10x23.5	(A): 300 (C): 180 (D): 260 (E): 225 (F): 10x26.5

SAE1010	SAE1011	SAE1017	SAE1018
			
Counter bored under stud holes, back-plate groove on base of drum with serrated edges	This an INBOARD mounted drum and has a machined step on the underside of the stud face for location of the wheel studs, see the attached image.		
(A): 420 (C): 290 (D): 287 (E): 335 (F): 10x23	(A): 300 (C): 165 (D): 144 (E): 205 (F): 6x20.5	(A): 305 (C): 185 (D): 256.2 (E): 225 (F): 10x23	(A): 420 (C): 285 (D): 307 (E): 335 (F): 10x26.5

SAE1019	SAE1020	SAE1021	SAE1022
			
EXTERNALLY MOUNTED DRUM - HAS 2 THREADED HOLES TO PULL THE DRUM AWAY FROM THE HUB			
(A): 300 (C): 160 (D): 145 (E): 205 (F): 6x21	(A): 305 (C): 160 (D): 206 (E): 205 (F): 6x21	(A): 305 (C): 210 (D): 206.5 (E): 245 (F): 6x21	(A): 360 (C): 225 (D): 261.5 (E): 275 (F): 8x26.5

SAE1026	SAU1001	SAU1002	SAU1003
			
	Counter bored under each stud hole	Counter bored under each stud hole	Machined step under the stud flange for wheel stud location
(A): 360 (C): 180 (D): 281.5 (E): 225 (F): 10x26.5	(A): 420 (C): 290 (D): 227 (E): 335 (F): 10x23	(A): 420 (C): 290 (D): 256 (E): 335 (F): 10x23	(A): 420 (C): 290 (D): 227 (E): 335 (F): 10x23

SAU1004	SAU1005	SAU1006	SAU1007
			
5 Threaded holes for ABS sensor location	5 Threaded holes for ABS sensor location	Can be counter bored under each stud hole but can also be fully machined and takes a stud with a back-nut. If you have a stud with a flat then you will probably need the brake drum SAU1024.	Counter bored under each stud hole
(A): 420 (C): 290 (D): 227 (E): 335 (F): 10x23	(A): 420 (C): 290 (D): 256 (E): 335 (F): 10x23	(A): 300 (C): 190 (D): 280 (E): 225 (F): 10x23	(A): 355 (C): 190 (D): 279 (E): 225 (F): 10x23

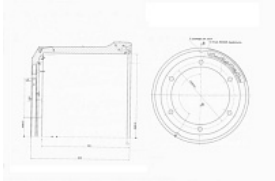
SAU1008	SAU1009	SAU1010	SAU1011
			
Counter bored under each stud hole. PLEASE NOTE: This brake drums is not very popular. Check the stud holes diameter. The most popular drum for this axle is SAU1006	Machined step under the stud flange for wheel stud location.		Machined step under the stud flange for wheel stud location, back -plate groove on base of drum. See Technical Bulletin about the New SAF design which does not have this machined step.
(A): 300 (C): 190 (D): 280 (E): 225 (F): 10x21	(A): 419 (C): 290 (D): 198 (E): 335 (F): 10x23	(A): 420 (C): 290 (D): 256 (E): 335 (F): 10x23	(A): 420 (C): 300 (D): 227 (E): 335 (F): 10x23

SAU1011NS	SAU1012	SAU1013	SAU1014
			
NEW SAF DESIGN WHICH DOES NOT HAVE A MACHINED STEP FOR STUD LOCATION	Counter bored under each stud hole	Machined step under the stud flange for wheel stud location, back -plate groove on base of drum	6 Threaded holes for ABS sensor location
(A): 420 (C): 300 (D): 227 (E): 335 (F): 10x23	(A): 355 (C): 230 (D): 279 (E): 275 (F): 8x23	(A): 420 (C): 300 (D): 256 (E): 335 (F): 10x23	(A): 355 (C): 190 (D): 279 (E): 225 (F): 10x23

SAU1015	SAU1021	SAU1022	SAU1024
			
6 Threaded holes for ABS sensor location. Fits with a round headed stud. Studs with a flat fit with SAU1024.	Machined step under the stud flange for wheel stud location, back -plate groove on base of drum	Machined step under the stud flange for wheel stud location, back -plate groove on base of drum	Machined step under the stud flange for wheel stud location, back -plate groove on base of drum
(A): 300 (C): 190 (D): 280 (E): 225 (F): 10x23	(A): 367 (C): 240 (D): 225 (E): 275 (F): 8x23	(A): 367 (C): 240 (D): 260 (E): 275 (F): 8x23	(A): 300 (C): 190 (D): 280 (E): 225 (F): 10x23

SAU1025	SAU1027	SAU1028	SAU1029
			
	Back -plate groove on base of drum	Counter bored under each stud hole	
(A): 420 (C): 230 (D): 227 (E): 275 (F): 8x21	(A): 367 (C): 190 (D): 258 (E): 225 (F): 10x23	(A): 420 (C): 290 (D): 304 (E): 335 (F): 10x23	(A): 367 (C): 300 (D): 225 (E): 335 (F): 10x23

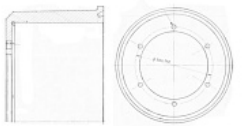
SAU1032	SAU1043	SAU1046	SAU1047
			
5 Threaded holes for ABS sensor location. Back bore diameter machined to allow stud clearance.	Counter bored under stud holes, back-plate groove on base of drum with serrated edges		Machined step for D-type wheel stud location
(A): 419 (C): 290 (D): 198 (E): 335 (F): 10x23	(A): 420 (C): 290 (D): 287 (E): 335 (F): 10x23	(A): 300 (C): 190 (D): 230 (E): 225 (F): 10x23	(A): 367 (C): 240 (D): 195.25 (E): 275 (F): 8x23

SAU1048	SAU1049	SAU1051	SAU1052
			
	COUNTER BORED UNDER STUD HOLES		
(A): 420 (C): 230 (D): 182 (E): 275 (F): 8x21	(A): 300 (C): 190 (D): 208 (E): 225 (F): 10x23.5	(A): 420 (C): 290 (D): 245 (E): 335 (F): 6x21	(A): 300

SAX1001	SAX1002	SC1006	SC1009
			
FITTED WITH THE UPGRADED BRAKES AS DEVELOPED BY MIRA	FITTED WITH THE UPGRADED BRAKES AS DEVELOPED BY MIRA	Bellshape with a back-plate groove on base of drum	Back-plate groove on base of drum
(A): 410 (C): 280 (D): 238.5 (E): 335 (F): 10x26	(A): 410 (C): 280 (D): 255.575 (E): 335 (F): 10x26	(A): 413 (C): 295 (D): 296 (E): 335 (F): 10x23.5	(A): 413 (C): 295 (D): 221 (E): 335 (F): 10x23

SC1010	SC1011	SC1015	SC1016
			
Back-plate groove on base of drum	Back-plate groove on base of drum	Back-plate groove on base of drum	Back-plate groove on base of drum
(A): 413 (C): 295 (D): 247 (E): 335 (F): 10x23.5	(A): 413 (C): 295 (D): 263 (E): 335 (F): 10x23.5	(A): 413 (C): 295 (D): 253 (E): 335 (F): 10x23.5	(A): 413 (C): 295 (D): 263 (E): 335 (F): 10x23.5

SC1017	SC1018	SC1019	SC1020
			
Teeth on base of drum with a back-plate groove on base of drum	Back-plate groove on base of drum	Back-plate groove on base of drum	Back-plate groove on base of drum
(A): 413 (C): 295 (D): 321 (E): 335 (F): 10x23.5	(A): 413 (C): 295 (D): 227 (E): 335 (F): 10x23.5	(A): 413 (C): 295 (D): 253 (E): 335 (F): 10x23.5	(A): 413 (C): 295 (D): 252 (E): 335 (F): 10x23.5

SC1021	SC1022	SC1026	SC1027
			
(A): 413 (C): 295 (D): 274 (E): 335 (F): 10x23.5	(A): 413 (C): 295 (D): 263 (E): 335 (F): 10x23.5	(A): 413 (C): 295 (D): 228 (E): 335 (F): 10x23.5	(A): 412.75 (C): 280 (D): 201 (E): 320 (F): 6x16.5

SE1001	SE1002	SI1001	SI1002
			
		Back plate Groove	Back Plate Groove
(A): 410 (C): 290 (D): 281 (E): 335 (F): 10x23	(A): 410 (C): 290 (D): 261 (E): 335 (F): 10x23	(A): 410 (C): 285 (D): 268 (E): 335 (F): 10x25.5	(A): 410 (C): 290 (D): 255 (E): 335 (F): 10x26

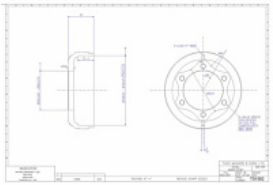
SI1003	SI1005	SI1007	SI1008
			
(A): 410 (C): 285 (D): 283 (E): 335 (F): 10x25.5	(A): 410 (C): 285 (D): 231 (E): 335 (F): 10x26	(A): 410 (C): 285 (D): 283 (E): 335 (F): 10x26	(A): 410 (C): 285 (D): 270 (E): 335 (F): 10x26

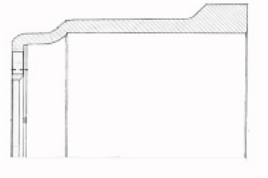
SI1009	SIN1002	SO1001	SO1003
			
(A): 410 (C): 285 (D): 202 (E): 335 (F): 10x26	(A): 410 (C): 282 (D): 285 (E): 335 (F): 10x23	(A): 410 (C): 290 (D): 260 (E): 335 (F): 10x26	(A): 410 (C): 290 (D): 259 (E): 335 (F): 10x26

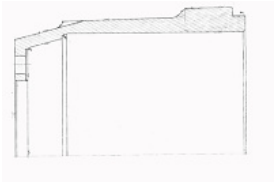
SO1004	ST1002	ST1003	ST1004
			
(A): 381 (C): 285 (D): 235.6 (E): 335 (F): 10x26.5	(A): 360 (C): 222 (D): 242 (E): 275 (F): 8x22	(A): 419 (C): 282 (D): 250 (E): 335 (F): 10x24	(A): 419 (C): 282 (D): 285 (E): 335 (F): 10x23.5

ST1005	ST1006	ST1007	ST1008
(A): 420 (C): 282 (D): 250 (E): 335 (F): 10x23.5	(A): 420 (C): 282 (D): 250 (E): 335 (F): 10x30	(A): 420 (C): 282 (D): 285 (E): 335 (F): 10x30	(A): 325 (C): 178 (D): 217 (E): 225 (F): 8x22

ST1009	ST1010	ST1014	TAT1001
			
	PLEASE NOTE: price adjustment made 13/02/2013 due to an increase in small batch production costs.		
(A): 325 (C): tba (D): tba (E): tba (F): tba	(A): 394 (C): 281 (D): 254 (E): 335 (F): 10x26	(A): 419 (C): 285 (D): 257 (E): 335 (F): 10x23.5	(A): 410 (C): 282 (D): 247 (E): 335 (F): 10x27

TAT1002	TER1001	TO1002	TR1001
			
(A): 410 (C): 282 (D): 247 (E): 335 (F): 10x27	(A): 500 (C): 385 (D): 240 (E): 425 (F): 24x23	(A): 318 (C): 180 (D): 117 (E): 222 (F): 6x19.75	(A): 419 (C): 290 (D): 225 (E): 335 (F): 10x27

TR1002	TR1003	TR1004	TR1005
			
(A): 419 (C): 290 (D): 266 (E): 335 (F): 10x27	(A): 300 (C): 185 (D): 279 (E): 225 (F): 10x27	(A): 419 (C): 230 (D): 210 (E): 275 (F): 8x21	(A): 419 (C): 290 (D): 243 (E): 335 (F): 10x27

TR1008	TR1010	TR1011	TR1012
			
(A): 419 (C): 290 (D): 288 (E): 335 (F): 10x23	(A): 419 (C): 290 (D): 250 (E): 335 (F): 10x27	(A): 419 (C): 290 (D): 240 (E): 335 (F): 6x21	(A): 300 (C): 185 (D): 278 (E): 225 (F): 10x23

TR1013	TX1002	VAL1003	VH1001
			
PART CAN BE DEVELOPED IF REQUIRED PLEASE CONTACT OUR SALES DEPARTMENT		Machined step under stud face for wheel stud location, back-plate groove on base of drum.	Heavy duty drum, bell shape with a back-plate groove on base.
(A): 419 (C): 290 (D): 260 (E): 335	(A): 254 (C): 130 (D): 108.5 (E): 170 (F): 6x18.5	(A): 420 (C): 290 (D): 216 (E): 335 (F): 10x23.5	(A): 419 (C): 282 (D): 270 (E): 335 (F): 10x26

VH1003	VH1004	VH1005	VO1001
			
Similar to DE1056 but has air holes through the side wall of the drum	Back-plate groove in base of drum		
(A): 410 (C): 282 (D): 278 (E): 335 (F): 10x26	(A): 410 (C): 285 (D): 255 (E): 335 (F): 10x23	(A): 410 (C): 285 (D): 233 (E): 335 (F): 10x23	(A): 394 (C): 245 (D): 276 (E): 286 (F): 10x26.5

VO1002	VO1003	VO1004	VO1005
			
(A): 413 (C): 245 (D): 216 (E): 286 (F): 10x27	(A): 413 (C): 282 (D): 241 (E): 335 (F): 10x28	(A): 413 (C): 282 (D): 241 (E): 335 (F): 10x33	(A): 394 (C): 282 (D): 289 (E): 335 (F): 10x28

VO1006	VO1007	VO1008	VO1009
			
(A): 394 (C): 282 (D): 289 (E): 335 (F): 10x33	(A): 413 (C): 245 (D): 228 (E): 286 (F): 10x26.5	(A): 394 (C): 282 (D): 253 (E): 335 (F): 10x28	(A): 394 (C): 282 (D): 246 (E): 335 (F): 10x32

VO1010	VO1011	VO1012	VO1014
			
(A): 381 (C): 286 (D): 245 (E): 335 (F): 10x24.5	(A): 394 (C): 280 (D): 257 (E): 335 (F): 10x23.5	(A): 394 (C): 282 (D): 262 (E): 335 (F): 10x32	(A): 394 (C): 282 (D): 275 (E): 335 (F): 10x28

VO1015	VO1016	VO1017	VO1018
			
			Cooling fins on base of drum.
(A): 413 (C): 282 (D): 218 (E): 335 (F): 10x33	(A): 381 (C): 282 (D): 230 (E): 335 (F): 10x28	(A): 394 (C): 282 (D): 268 (E): 335 (F): 10x28	(A): 394 (C): 282 (D): 314 (E): 335 (F): 10x28

VO1019	VO1020	VO1021	VO1022
			
	DATE 30/11/2023 - ***PLEASE NOTE***: VO1020 WILL NO LONGER BE AVAILABLE ONCE THE CURRENT STOCK LEVELS HAVE BEEN SOLD - VO1020 IS BEING REPLACED BY VO1042.	Cooling fins on base of drum.	VO1040 WILL REPLACE VO1022
(A): 410 (C): 282 (D): 250 (E): 335 (F): 10x28	(A): 410 (C): 282 (D): 294 (E): 335 (F): 10x28	(A): 394 (C): 282 (D): 305 (E): 335 (F): 10x28	(A): 410 (C): 282 (D): 262 (E): 335 (F): 10x28

VO1024	VO1025	VO1026	VO1027
			
	VO1038 WILL REPLACE VO1025	Set-up brake drum is available to help align the brakes, reference SUBD0003	VO1037 WILL REPLACE VO1027
(A): 410 (C): 282 (D): 282 (E): 335 (F): 10x28	(A): 410 (C): 282 (D): 307 (E): 335 (F): 10x28	(A): 360 (C): 228 (D): 248 (E): 275 (F): 8x21.5	(A): 410 (C): 282 (D): 274 (E): 335 (F): 10x28

VO1030	VO1031	VO1032	VO1035
			
VO1043 CAN REPLACE VO1030	NO LONGER AVAILABLE BUT VO1044 CAN BE USED IN PLACE OF VO1031	Set-up brake drum is available to help align the brakes, reference SUBD0005	
(A): 410 (C): 282 (D): 207 (E): 335 (F): 10x28	(A): 410 (C): 282 (D): 236 (E): 335 (F): 10x28	(A): 381 (C): 286 (D): 255 (E): 335 (F): 10x25	(A): 413 (C): 282 (D): 218 (E): 335 (F): 10x28

VO1037	VO1038	VO1039	VO1040
			
Back-plate groove on base of drum.	Back-plate groove on base of drum. - 28/06/2023 New drilling design updated to latest Renault Specification - It will take a few months for this design to become available.	Back-plate groove on base of drum.	Back-plate groove on base of drum.
(A): 410 (C): 282 (D): 273 (E): 335 (F): 10x28	(A): 410 (C): 282 (D): 306 (E): 335 (F): 10x28	(A): 410 (C): 282 (D): 248 (E): 335 (F): 10x28	(A): 410 (C): 282 (D): 261 (E): 335 (F): 10x28

VO1041	VO1042	VO1043	VO1044
			
		VO1043 CAN REPLACE VO1030	Back-plate groove on base of drum.
(A): 410 (C): 282 (D): 281 (E): 335 (F): 10x28	(A): 410 (C): 282 (D): 294 (E): 335 (F): 10x28	(A): 410 (C): 282 (D): 207 (E): 335 (F): 10x28	(A): 410 (C): 282 (D): 235 (E): 335 (F): 10x28

VO1046	VO1047	VO1048	VO1049
			
(A): 310 (C): 165 (D): 179 (E): 205 (F): 6x20	(A): 310 (C): 165 (D): 193 (E): 205 (F): 6x20	(A): 325 (C): 207 (D): 201 (E): 245 (F): 6x20	(A): 325 (C): 207 (D): 222 (E): 245 (F): 6x20
VO1052	**VO1057**	**VO1062**	**VO1063**
			
(A): 413 (C): 282 (D): 230 (E): 335 (F): 10x28	(A): 360 (C): 228 (D): 231 (E): 275 (F): 8x21.5	(A): 394 (C): 282 (D): 287 (E): 335 (F): 10x28	(A): 410 (C): 286 (D): 284 (E): 335 (F): 10 x 24.5
VO1064	**VO1074**	**VO1075**	**VW1001**
			
(A): 410 (C): 286 (D): 273 (E): 335 (F): 10x24.5	(A): 410 (C): 282 (D): 250 (E): 335 (F): 10x28	(A): 410 (C): 282 (D): 286 (E): 335 (F): 10x28	(A): 270 (C): 164 (D): 143 (E): 205 (F): 6x20

VW1003	YO1001	YO1002	YO1003
			
	Vertical cooling / strengthening fins	Vertical cooling / strengthening fins	Inboard mounting
(A): 252 (C): 94 (D): 83 (E): 160 (F): 5x11	(A): 394 (C): 283 (D): 235 (E): 335 (F): 10x23.6	(A): 394 (C): 283 (D): 251 (E): 335 (F): 10x23.6	(A): 419 (C): 283 (D): 268 (E): 335 (F): 10x23.6

YO1005	YO1006	YO1007	YO1008
			
	GLOBAL PRICE ADJUSTMENT 04/04/2019		
(A): 311 (C): 222 (D): 221 (E): 275 (F): 8x23.6	(A): 311 (C): 222 (D): 170 (E): 275 (F): 8x23.6	(A): 311 (C): 178 (D): 277 (E): 225 (F): 10x23.6	(A): 311 (C): 178 (D): 221 (E): 225 (F): 10x23.6

YO1009	YO1010	YO1011	YO1012
			
6 Threaded holes for ABS sensor location	6 Threaded holes for ABS sensor location	6 Threaded holes for ABS sensor location	Outboard mounting , back-plate groove on base of drum. Check C Dimension to confirm identification.
(A): 311 (C): 178 (D): 221 (E): 225 (F): 10x23.6	(A): 311 (C): 222 (D): 221 (E): 275 (F): 8x23.6	(A): 335 (C): 178 (D): 270 (E): 225 (F): 10x23.6	(A): 419 (C): 281 (D): 236 (E): 335 (F): 10x23

YO1013	YO1014	YO1015	YO1018
			
	Inboard mounting	Outboard mounting , back-plate groove on base of drum	
(A): 311 (C): 178 (D): 170 (E): 225 (F): 10x24	(A): 419 (C): 283 (D): 248 (E): 335 (F): 10x23.6	(A): 419 (C): 281 (D): 276 (E): 335 (F): 10x23	(A): 419 (C): 223 (D): 254 (E): 285 (F): 8x23

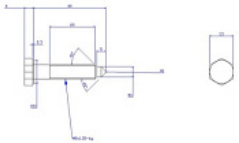
YO1019	YO1020	YO1021	YO1022
			
Outboard mounting , back-plate groove on base of drum. Check C Dimension to confirm identification.	Outboard mounting , back-plate groove on base of drum		
(A): 419 (C): 283 (D): 236 (E): 335 (F): 10x24	(A): 419 (C): 283 (D): 276 (E): 335 (F): 10x24	(A): 335 (C): 178 (D): 210 (E): 225 (F): 10x24	(A): 335 (C): 222 (D): 270 (E): 275 (F): 8x23.5

YO1023	YO1029	YU1007	YU1008
			
	Similar to YO1011 but not machined in the outer diameter. 6 Threaded holes for ABS sensor location		
(A): 394 (C): 283 (D): 222 (E): 335 (F): 10x23	(A): 335 (C): 178 (D): 270 (E): 225 (F): 10x23.5		

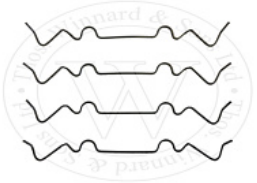
YU1009			

TBA			

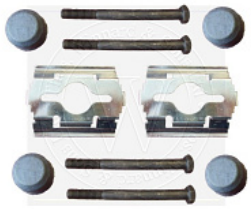
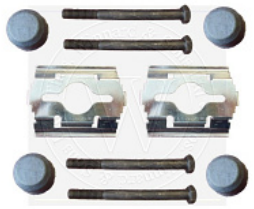
DA1058S			
			
NEW SOLID HEAVY DUTY VERSION			
(A): 432 (B): 45 (C): 217 (D): 45 (E): 230 (F): 10x8.5 (Torque Setting 20Nm)			

DA1058BOLTS	WA201	WA203	WA208
			
HIGH TENSILE HEXAGON BOLT DIN931	Not currently available		

WA208-1	WA209	WA211	WA213
			
WA214	**WA223**	**WA224**	**WA225**
			
WA227	**WA228**	**WA229**	**WA230**
			

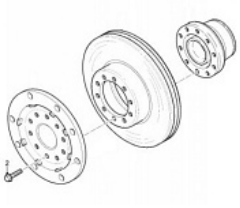
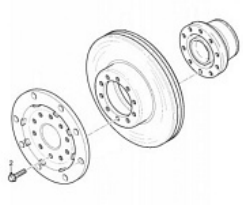
WA231	WA233	WA233A	WA235
			
	Springs available: part number WA233A.	Springs to fit with WA233 Pins.	Please note our new designed spring which does not fit in the same way as the Wabco original, the spring sits under the wear lead plate.
	Length: 129mm		

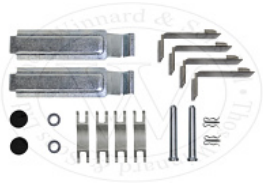
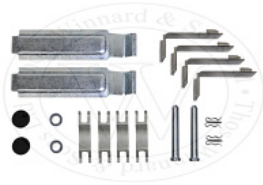
WA236	WA238	WA240	WA241
			
		BRAKE DISC FITTING KIT. Contains 2 Retaining plates, 8 bolts M10 x 30 and retaining spring.	Shim kit for WP125

WA246	WA247	WA248	WA249
			
BRAKE DISC FITTING KIT. Contains 2 Retaining plates, 6 bolts M10 x 30 and retaining spring.		Kit contains: 2 Top plates, 4 Female Rubber Caps, 4 x 90mm Bolts	2 Top plates, 4 Male Rubber Caps, 4 x 90mm Hexagon headed bolts

WA250	WA251	WA253	WA254
			
2 Top plates, 2 Female Rubber Caps, 2 x 70mm Hex Head Bolts		BRAKE DISC FITTING KIT. Contains 10x (M12 x1.5) 75mm Bolts and seal.	

WA255	WA257	WA258	WA259
			
	Brake Disc fitting kit . Contains 10 x (M14x1.5) 65mm Hub Bolts		Fitted to 7.5t LF45
Length: 137mm			

WA260	WA261	WA262	WA263
			
Fits 12t LF45		M14x1.5	

WA264	WA265	WA266	WA267
			
10/09/2015 - Now supplied as a wheel end kit 12 Bolts		NEW DESIGN	
Length: 65			

WA268	WA269	WA275	WA276
			
HUB MOUNTING BOLTS FOR YO1031	22/01/2024 UK stock now supplied with 2 x WA230 Top bars		FITTING KIT FOR THE LINED BRAKE SHOE WBSK0016/4. KIT CONTAINS TWO RETURN SPRINGS AND TWO FIXED LOCATION SPRINGS

WA278	WA282	WA283	WA284
			
	Shim and Fixings for WP126	WP1567 GEN 1 & GEN 2 TOP BARS & CLIPS ONLY - SPRINGS AND PLUGS ARE NOT INCLUDED	

WA285	WA286	WA287	WA288
			
	BOLT SIZE M14x1.5 x 90	FITTING KIT FOR DA1063 BRAKE DISC	
			Length: 160

WA289	WA290	WA291	WA292
			
RETAINING SPRING FOR RENAULT & VOLVO Z CAM BRAKE SHOES	BRAKE SHOE RETAINING PIN	2 SPRINGS REQUIRED PER WHEEL END	
	Length: 72	Length: 260 Thickness: 4	

WA293	WA294		
			
WHEEL KIT - RETURN SPRING, CLAMP AND BALL FOR WBSK0033			

BSBC/100/101	BSBC/100/101ECOWR	BSBC/120/121	BSBC/80ECOWR
			
New un-lined brake shoe.			9 TON ECO BRAKE SHOE - SUPPLIED WITH ROLLER

BSBC/80ECOWR+	BSBC/97ECOWR	BSBC/98ECOWR	BSFT/11/12
			
HEAVY DUTY VERSION SUITABLE FOR 10-12 TON AXLE WEIGHTS - ROLLER IS WELDED IN PLACE	Supplied with roller fitted.	Supplied with roller fitted.	New un-lined brake shoe. LINED BRAKE SHOE KIT ALSO AVAILABLE. Search for WBSK0005 for further information.

BSFT/6/7	BSFU/4/5	BSIL/66/67	BSMB/74/75CAST
			
New un-lined brake shoe. LINED BRAKE SHOE KIT ALSO AVAILABLE. Search for WBSK0006 for further information.	New un-lined brake shoe.	New un-lined brake shoe(Q). LINED BRAKE SHOE KIT ALSO AVAILABLE. Search for WBSK0007 for further information.	New un-lined cast brake shoe.

BSMB/76/77CAST	BSMP/31CAST	BSPB/13/2	BSPB/13/2L
			
New un-lined cast brake shoe.	New un-lined brake shoe	NEW UNLINED 500 x 180 BRAKE SHOE WITH 28 RIVETS PER SHOE (14 PER LINING BLOCK) DRILLING	NEW LINED (BREMSKERL MATERIAL) 500 x 180 BRAKE SHOE WITH 28 RIVETS PER SHOE (14 PER LINING BLOCK) DRILLING

BSPB/14/2	BSPB/14/2L	BSPB/15/2	BSPB/15/2L
			
NEW UNLINED 500 x 160 BRAKE SHOE WITH 20 RIVETS PER SHOE (10 PER LINING BLOCK) DRILLING		NEW UNLINED 500 x 120 BRAKE SHOE WITH 20 RIVETS PER SHOE (10 PER LINING BLOCK) DRILLING	NEW LINED (BREMSKERL MATERIAL) 500 x 120 BRAKE SHOE WITH 20 RIVETS PER SHOE (10 PER LINING BLOCK) DRILLING

BSPB/22	BSPB/40/2D	BSPB/40/2DL	BSPB/40/2S
			
New un-lined brake shoe.	New un-lined DUPLEX brake shoe. 10 Rivets per block.	NEW DUPLEX LINED (BREMSKERL MATERIAL) 410 x 180 BRAKE SHOE 20 RIVETS PER SHOE (10 PER LINING BLOCK)	New un-lined SIMPLEX brake shoe. 10 Rivets per block. DUPLEX VERSION BSPB/40/2D ALSO AVAILABLE.

BSPB/40/2SL	BSPB13/2	BSPB14/2	BSPB15/2
			
NEW SIMPLEX LINED (BREMSKERL MATERIAL) 410 x 180 BRAKE SHOE 20 RIVETS PER SHOE (10 PER LINING BLOCK)	New un-lined brake shoe, 14 Rivets per block.	New un-lined brake shoe, 10 Rivets per block.	New un-lined brake shoe, 10 Rivets per block.

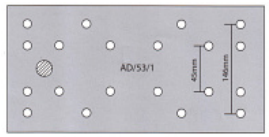
BSRN/104	BSRW/21/22	BSRW/34/35	BSRW/9/13
			
NEW UNLINED BRAKE SHOE SUPPLIED WITHOUT ANY FIXINGS	New un-lined brake shoe.	New un-lined brake shoe(Q+). LINED BRAKE SHOE KIT ALSO AVAILABLE. Search for WBSK0008 for further information.	New un-lined brake shoe.

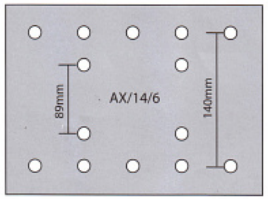
BSSJ/22/23WR	BSSJ/28/29WR	BSSJ/30/31WR	BSSJ/32/33WR
			
New un-lined brake shoe with roller	New un-lined brake shoe with roller	New un-lined brake shoe with roller	UNLINED BRAKE SHOE WITH ROLLER

BSSJ/34/35WR	BSVL/100/101	BSVL/87/28L	BSVL/87/28T
			
NEW UN-LINED BRAKE SHOE WITH ROLLER		8mm platform with W shape cut out. LEADING - LEFT - UPPER. TRAILING - RIGHT - UNDER brake shoe BSVL/87/28T also available. Retaining Spring and Pin is available WA289 & WA290	8mm platform with W shape cut out. TRAILING - RIGHT - UNDER. LEADING - LEFT - UPPER brake shoe BSVL/87/28L also available. Retaining Spring and Pin is available WA289 & WA290

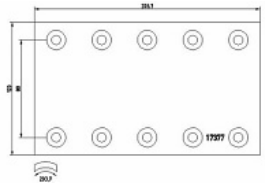
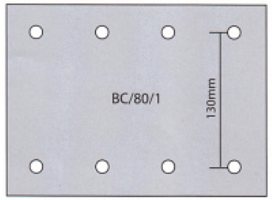
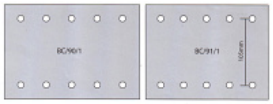
BSVL/88/28L	BSVL/88/28T	BSVL/89/28L	BSVL/89/28T
			
8mm platform with W shape cut out. LEADING - LEFT - UPPER. TRAILING - RIGHT - UNDER brake shoe BSVL/88/28T also available. Retaining Spring and Pin is available WA289 & WA290	8mm thick platform with W shape cut out. TRAILING - RIGHT - UNDER. LEADING - LEFT - UPPER brake shoe BSVL/88/28L also available. Retaining Spring and Pin is available WA289 & WA290	8mm platform with W shaped cut out. LEADING - LEFT - UPPER. TRAILING - RIGHT - UNDER brake shoe BSVL/88/28T also available. Retaining Spring and Pin is available WA289 & WA290	8mm platform with W shaped cut out. TRAILING - RIGHT - UNDER. LEADING - LEFT - UPPER brake shoe BSVL/88/28L also available. Retaining Spring and Pin is available WA289 & WA290

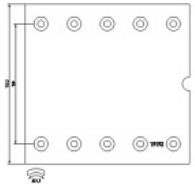
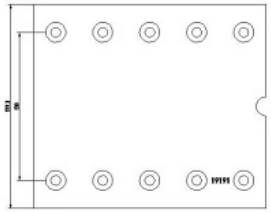
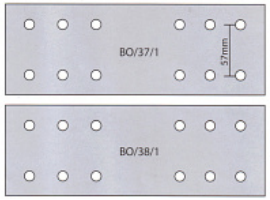
BSYK/12	BSYK/13		
New un-lined brake shoe.	New un-lined brake shoe.		

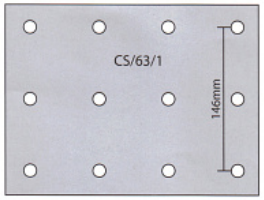
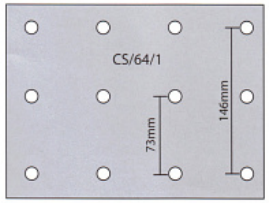
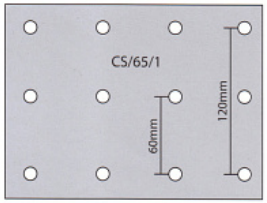
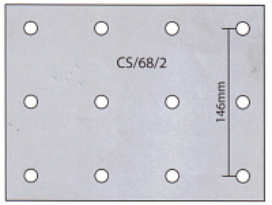
15898	19722	AD/53/2	AD/54/2
			
SUPPLIED WITH RIVETS			
Thickness: 16.7 / 11.75			

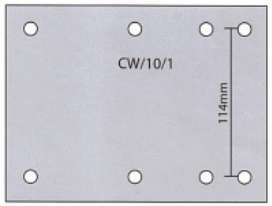
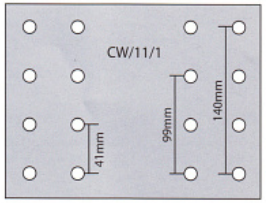
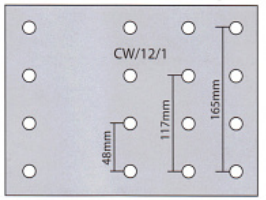
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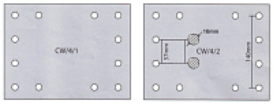
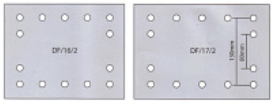
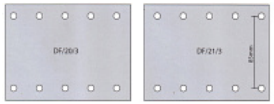
BC/104/105/1	BC/106/107/1	BC/108/1	BC/120/121/1
			

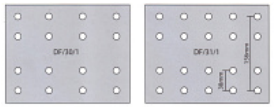
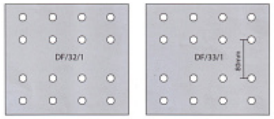
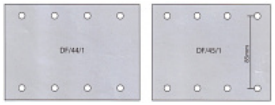
BC/78/1	BC/79/1	BC/80/1	BC/90/91/1
			
Thickness: 18 -12			

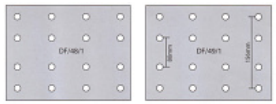
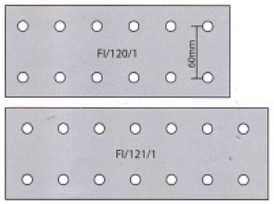
BC/97/1	BC/98/1	BO/37/38/1	BO/39/40/1
			
NOW INCLUDES KEY WAY CUT OUT	NOW INCLUDES KEY WAY CUT OUT		

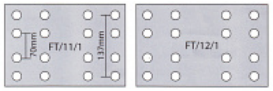
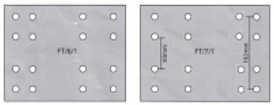
CS/63/1 PSV	CS/64/1 PSV	CS/65/1 PSV	CS/68/2 PSV
			

CS/70/1 PSV	CW/10/1	CW/11/1	CW/12/1
			

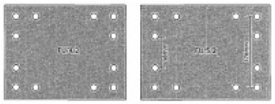
CW/13/1	CW/4/2	DF/16/17/2	DF/20/21/3
			
	WITH 2x16 mm WEAR INDICATOR HOLES		

DF/30/31/1 PSV	DF/32/33/1	DF/38/39/1	DF/44/45/1
			
	Price increase 18/05/2017		

DF/46/47/1	DF/48/49/1	DF/50/51/1	FI/120/121/1
			

FI/124/1	FT/11/12/1	FT/6/7/1	FU/17/18/1
			

FU/4/5/3



GG/118/1

GG/140/1



GG/142/1



GG/144/1



GG/151/1 PSV

GG/153/1



GG/155/1 PSV

GG/157/1



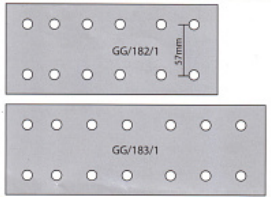
GG/163/164/1

GG/171/1

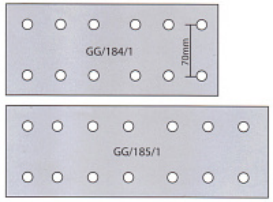


GG/180/1

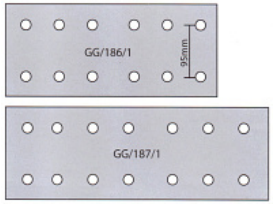
GG/182/183/1



GG/184/185/1



GG/186/187/1



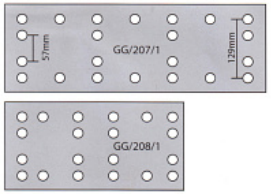
GG/189/1



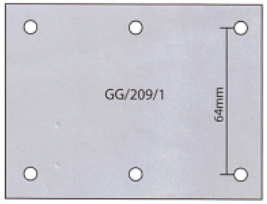
GG/194/1



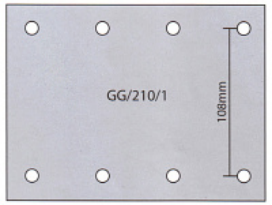
GG/207/208/1



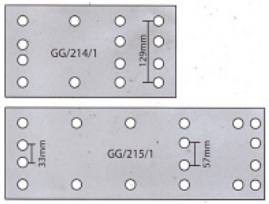
GG/209/1



GG/210/1

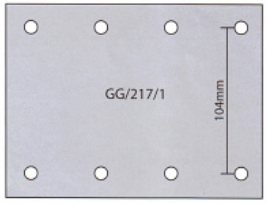


GG/214/215/1

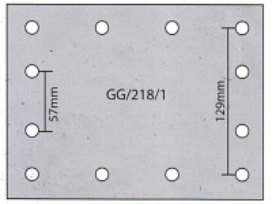


GG/216/1 PSV

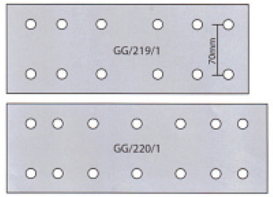
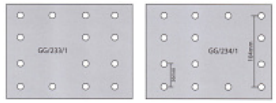
GG/217/1 PSV

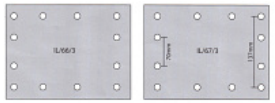
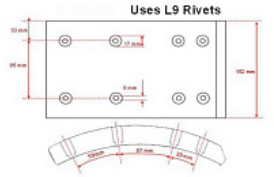


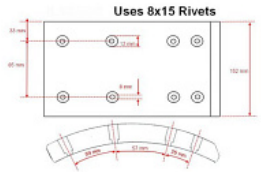
GG/218/1 PSV

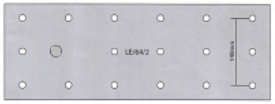


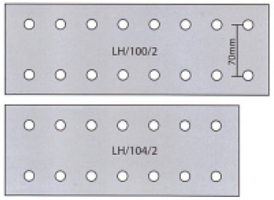
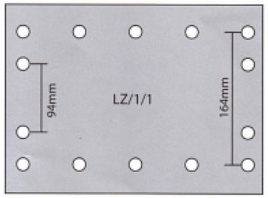
Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

GG/219/220/1	GG/232/1 PSV	GG/233/234/1 PSV	GG/235/236/1 PSV
			
			SEE FITTING GUIDE IMAGE ATTACHED
		Thickness: 14.8	

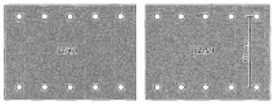
GG/83/1	GG/92/1	IL/66/67/3	IL/68/69/5
			

IL/68/69/6	LE/54/1	LE/59/1 PSV	LE/60/2 PSV
			

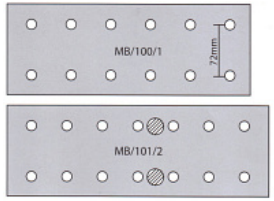
LE/64/2	LE/69/1 PSV	LE/70/1	LE/71/1
			

LH/100/104/2	LH/94/2	LZ/1/1	LZ/2/3/1
			

LZ/4/5/1



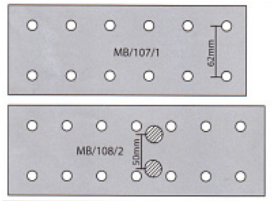
MB/100/101/1



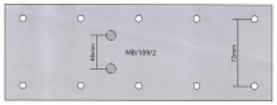
MB/104/105/1



MB/107/108/1



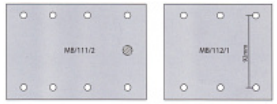
MB/109/2



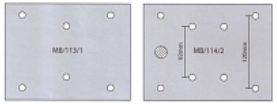
MB/110/2 PSV



MB/111/112/1 PSV



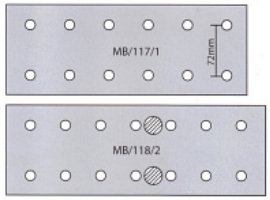
MB/113/114/1 PSV



MB/115/1

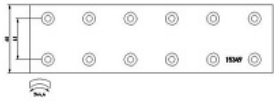


MB/117/118/1 PSV



MB/120/121/1

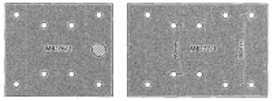
MB/69/70/1



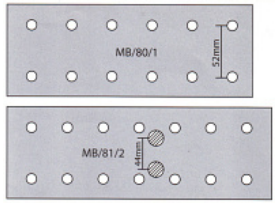
MB/74/75/1 PSV



MB/76/77/1 PSV



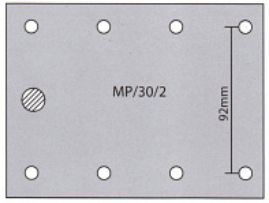
MB/80/81/1



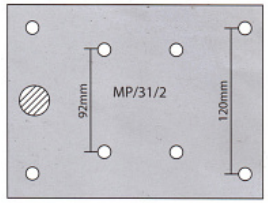
MC/75

MC/L/S

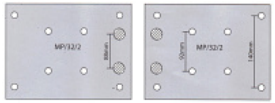
MP/30/1



MP/31/2

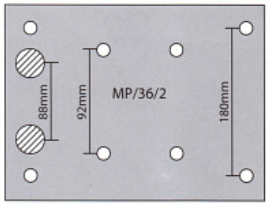


MP/32/2

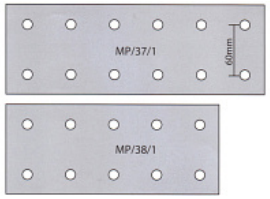


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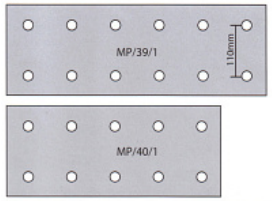
MP/36/2



MP/37/38/1

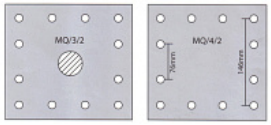


MP/39/40/1



MQ/1/2/3

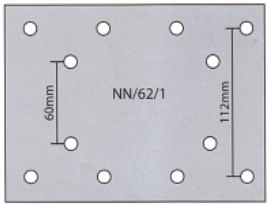
MQ/3/4/3



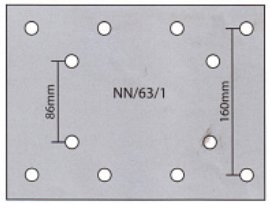
NN/60/1

NN/61/1

NN/62/1



NN/63/1



NPR62

NQR75

PB/13/1

PB/13/2

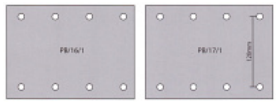
PB/14/1

PB/14/2

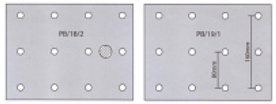
PB/15/1

PB/15/2

PB/16/17/1 PSV

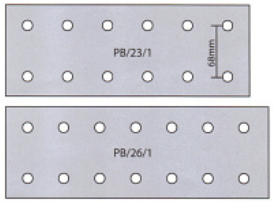
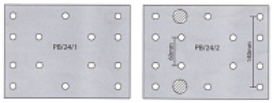


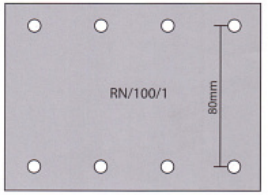
PB/18/19/1

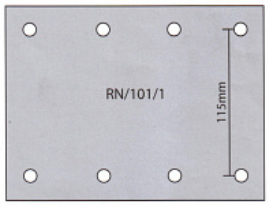
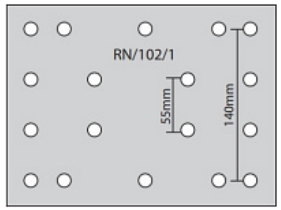
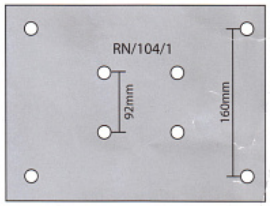


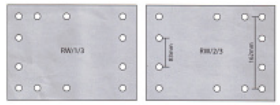
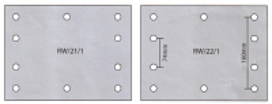
PB/22/1 PSV

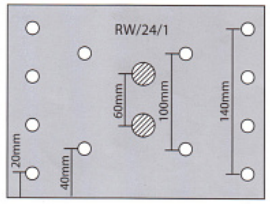
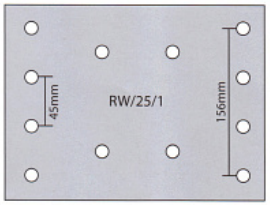
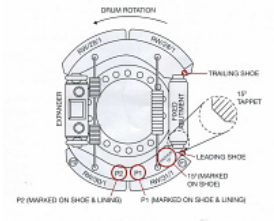


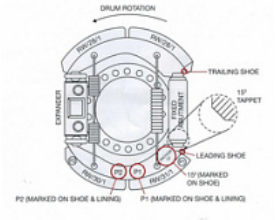
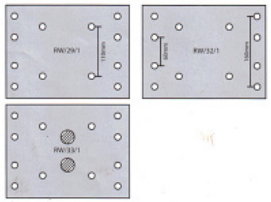
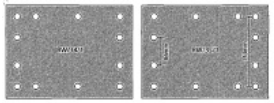
PB/23/26/1	PB/24/2	PB/25/2	PB/29/30/1 PSV
			

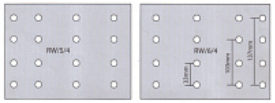
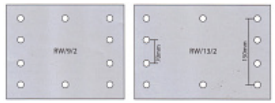
PB/40/1	PB/40/2	PB/41/2	RN/100/1
			

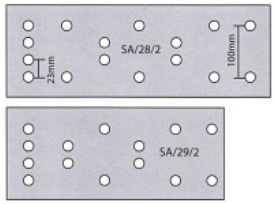
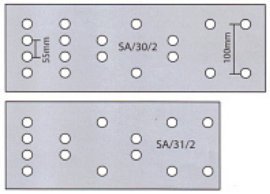
RN/101/1	RN/102/103/1	RN/104/1	RN/105/1 PSV
			

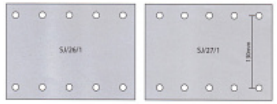
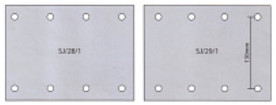
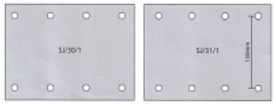
RN/106/1	RW/1/2/3	RW/1/2/5	RW/21/22/1
			
Also see SA/30/31/1. These linings are very similar, check the number of rivets in each block.			

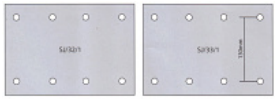
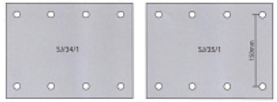
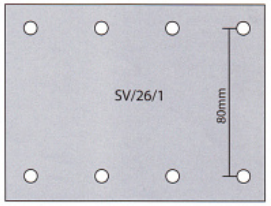
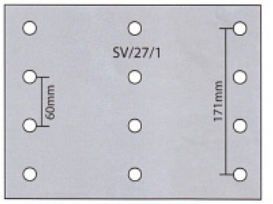
RW/24/1	RW/25/1	RW/26/1	RW/28/2
			
			These linings can be fitted with RW/30/31/1 see fitting image.

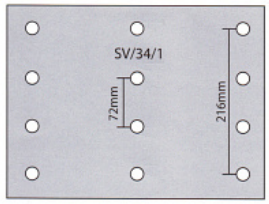
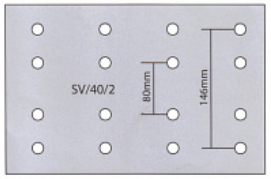
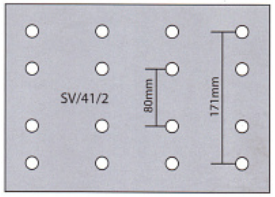
RW/28/30/31/1	RW/29/2	RW/29/32/33	RW/34/35/1
			
TO ORDER THIS AXLE SET ASK FOR HALF A SET OF RW/28/2 and HALF A SET OF RW/30/31/1			

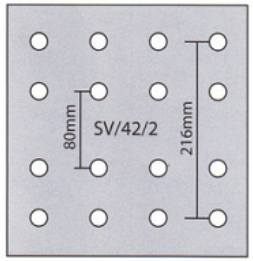
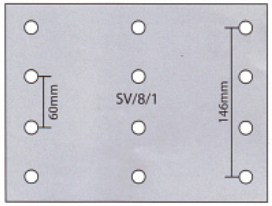
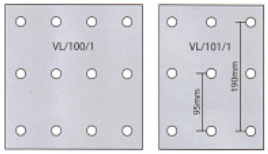
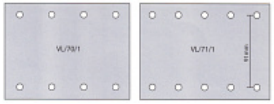
RW/38/39/1	RW/5/6/4	RW/9/13/3	SA/26/27/1
			

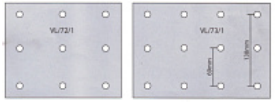
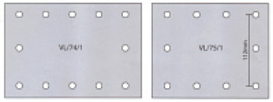
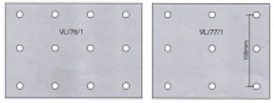
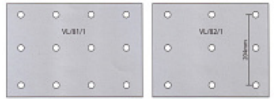
SA/28/29/1	SA/30/31/1	SA/36/37/1	SJ/22/23/1
			
	Also see RN/106/1. These linings are very similar check the number of rivets per block.		

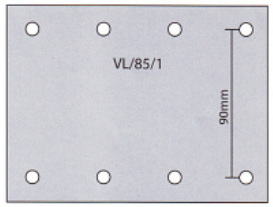
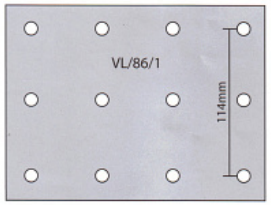
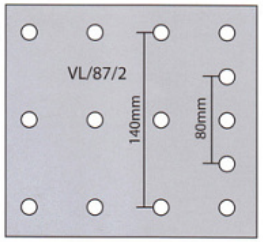
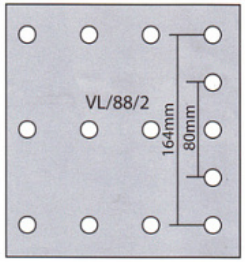
SJ/24/25/1	SJ/26/27/1	SJ/28/29/1	SJ/30/31/1
			

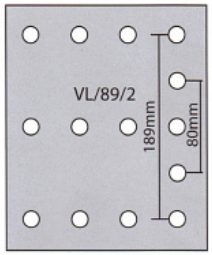
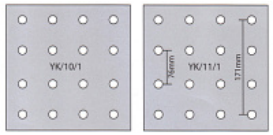
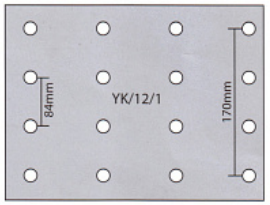
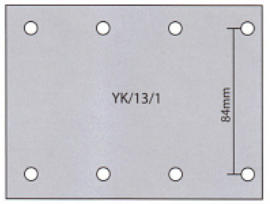
SJ/32/33/1	SJ/34/35/1	SV/26/1	SV/27/1
			
Price increase 19/04/2017 due to material change.			

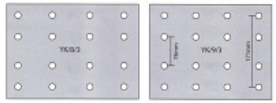
SV/34/1	SV/39/2	SV/40/2	SV/41/2
			

SV/42/2	SV/8/1	VL/100/101/1 PSV	VL/70/71/1
			

VL/72/73/1 PSV	VL/74/75/1	VL/76/77/1	VL/81/82/1
			

VL/85/1	VL/86/1	VL/87/2	VL/88/2
			
	PRICE ADJUSTMENT MADE 16/01/2017		

VL/89/2	YK/10/11/1	YK/12/1	YK/13/1
			
		YK/12/1 Linings should be fitted with the chamfers facing the same direction. If not the drum wil either not fit, be tight or lock up.	

YK/6/7/3	YK/8/9/3		
			

WL001	WL002	WL003	WL004
			
Oval connector	Round connector	01/04/2014 - NO LONGER AVAILABLE	
Length: 495	Length: 495	Length: 94	Length: 230

WL007	WL008	WL009	WL010
			
	Round connector 2 female pins	Oval connector 2 male pin	Round connector 2 male pins
Length: 500	Length: 405	Length: 885	Length: 310

WL011	WL012	WL013	WL014
			
Oval connector 2 male pins	Oval	Rectangular connector 2 male pins	Oval co
Length: 365	Length: 430	Length: 355	Length: 580

WL015	WL016	WL017	WL018
			
Round connector single female pin		WL031 may be required to make a complete lead. WL017 has a male end conector which fits into a drilled hole in the top of the pad. If the pad does NOT have a hole WL018 can be used.	WL031 may be required to make a complete lead. WL018 is designed to fit with pads without a drilled hole in the pad. For drilled pads you can use WL017.
Length: 215	Length: 280	Length: 270	Length: 320 (Some manufacturers make this lead only 270mm)

WL019	WL020	WL022	WL023
			
Oval connector with 2 male pins	Rectangular connector with 2 male pins	Oval connector with 2 male pins. WL019 can be used in replacement.	Oval connector with 2 female pins
Length: 495	Length: 230	Length: 295	Length: 275

WL024	WL025	WL026	WL027
			
Oval connector with 2 male pins	Oval connector with 2 female pins	Rectangular connector with 2 male pins	Oval connector with 2 female pins
Length: 300	Length: 290	Length: 250	Length: 290

WL028	WL029	WL030	WL031
			
Rectangular connector with 2 male pins	Oval connector with 2 female pins	Rectangular connector with 2 male pins. Lead is the same as WL028.	Extension for WL017 & WL018. Oval connector with 2 male pins on one end and 2 round connectors one male and the other female on the other.
Length: 350	Length: 375	Length: 400	Length: 1300

WL054	WL058	WL060	WL061
			
Oval connector with 2 female pins	Connector 1 male pin		
Length: 390	Length: 260	Length: 395	Length: 183

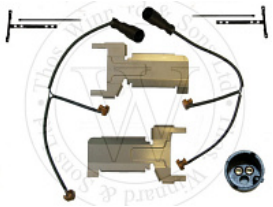
WL062	WL063	WL064	WL065
			
Rectangular connector with 2 male pins	Two round connectors 1 male and the other female. This lead is also included with WL085.	Two round connectors 1 male and the other female	Oval connector with 2 pins.
Length: 219	Length: 315	Length: 315	Length: 109

Manufacturers part numbers and names are used for reference purposes only. In no case does Thos. Winnard and Sons Ltd imply that the parts offered are Original Equipment.

WL067	WL070	WL072	WL073
			
Oval connector with 2 female pins	WL069 is replaced by WL070.	Round connector 2 male pins 1 female	Round connector with 2 male and 1 female pin
Length: 84	Length: 430	Length: 360	Length: 800

WL074	WL075	WL076	WL077
			
Oval connector with 2 male pins. Wear leads WL086 has the same connectors but is longer @ 210mm.	Round connector with a 1 female pin	Round connector with 2 female location holes	Oval connector with 2 male pins, plug gap measures 3.5mm
Length: 130	Length: 189	Length: 750	Length: 290

WL078	WL079	WL080	WL081
			
Round connector with 2 male and 1 female pin	Extension lead for WP801 Brake Pads.	Round connector with 2 male and 1 female pin	Round connector with 2 male and 1 female pin
Length: 760	Length: 250mm	Length: 430	Length: 940

WL081K	WL082	WL083	WL084
			
	Rectangular connector with 2 male pins - PLEASE NOTE: WE HAVE SEEN THE YUTONG TC9 BEING FITTED WITH AN OVAL WEAR LEAD CONNECTOR LIKE WL019 - PLEASE DOUBLE CHECK FOR THIS APPLICATION	Round connector with 2 male and 1 female pin	
Length: 940	Length: 365	Length: 420 mm	Length: 570

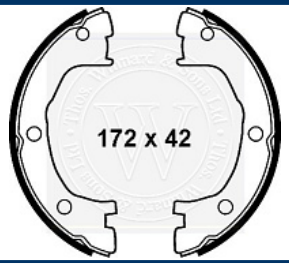
WL085	WL086	WL092	WL093
			
Two round connectors 1 male and 1 female pin. Lead is the same as WL063	Oval connector with 2 male pins - Wear leads WL019 & WL022 have the same connectors but are longer.	Rectangular connector with 2 male pins	Oval connector with 2 female pins
Length: 315	Length: 210	Length: 400	Length: 350

WL096	WL105	WL106	WL115
			
SAME AS WL074 BUT WITH A METAL CLIP ON PAD INSERT			
Length: 120		Length: 370mm	Length: 230

WL116	WL117	WL132	WL133
			
	New design with a 90 Degree plug - Replaces WL071	THE SAF PART INCLUDES THE RETAING CLIP AND PLATE. THE WEAR LEAD TYPE IS THE SAME AS WL072 (360mm LONG) and WL076 (750mm LONG). CHECK LENGTH TO IDENTIFY.	
Length: 290	Length: 360		Length: 360

WL134	WL136		
			
	TO MAKE THE FULL KIT REMOVE THE WEAR LEAD FROM WL082 AND ADD WL136		

WBSK0002	WBSK0004	WBSK0005	WBSK0006
			
420 x 200 ECO Lined Brake Shoe kit. Kit comes with 2 ECE R90 Lined Brake Shoes and fittings.	420 x 180 ECO Lined Brake Shoe kit. Kit comes with 2 ECE R90 Lined Brake Shoes and fittings.	419 x 178 Lined Brake Shoe kit. Kit comes with 2 ECE R90 Lined Brake Shoes and fittings.	419 x 203 Lined Brake Shoe kit. Kit comes with 2 ECE R90 Lined Brake Shoes and fittings.

WBSK0007	WBSK0008	WBSK0011	WBSK0014
			
419 x 178 Lined Brake Shoe kit. Kit comes with 2 ECE R90 Lined Brake Shoes and fittings.	419 x 178 LM, LMC Q+ Brake Lined Brake Shoe kit. Kit comes with 2 ECE R90 Lined Brake Shoes and fittings. 27/01/2023 Now supplied with pins & bushes.	Axle set of for brake shoes	419 x 219 Lined Brake Shoe kit. Kit comes with 2 R90 Lined Brake Shoes and fittings.

WBSK0015/4	WBSK0016/4	WBSK0017	WBSK0020
			
MERITOR 311 x 190 TM AXLE KIT CONTAINING 4 NEW BRAKE SHOES LINED WITH ECE R90 APPROVED MATERIAL AND SUPPLIED WITH ROLLERS AND SPRINGS	4 x SAE GIGANT 300 x 200 LINE BRAKE SHOE AXLE KIT - SUPPLIED WITH WA276 FITTING KIT BUT KIT CAN BE REMOVED IF NOT REQUIRED.	PLEASE NOTE: THIS KIT DOES NOT REPLACE THE BRAKE SHOE NUMBER 5010525775. 2 NEW ECE R90 LINED BRAKE SHOES WITH ROLLERS, SPRINGS AND FITTING ACCESSORIES	410 x 175 ECE R90 approved Lined Wheel End kit Kit with new style W shaped brake shoe, one Leading and one Trailing lined brake shoe. Supplied with Retaining Pin WA290, Spring clamp WA289 is also available

WBSK0021	WBSK0028	WBSK0030	WBSK0031/4
			
410 x 200 ECE R90 approved Lined Wheel End kit Kit with new style W shaped brake shoe, one Leading and one Trailing brake shoe. Supplied with Retaining Pin WA290, Spring clamp WA289 is also available	ECE R90 APPROVED LINED BRAKE SHOE WHEEL END KIT	ECE R90 APPROVED LINED BRAKE SHOE WHEEL END KIT	ECE R90 approved lined axle set of brake shoes and fixings

WBSK0032/4	WBSK0033	WBSK0033/4	WBSK0034
			
ECE R90 approved lined axle set of brake shoes and fixings	LINED WHEEL END BRAKE SHOE KIT - 2 LINED SHOES & FITTINGS	LINED WHEEL AXLE BRAKE SHOE KIT - 4 LINED SHOES & FITTINGS	Meritor 350 x 200 Lined Brake Shoe Kit. Kit comes with 2 Lined Brake Shoes and fittings.

WBSK0035/4	WBSK0036	WBSK0037	WBSK0038
			
BPW ECO 300 x 200 Lined Axle Brake Shoe Kit come with 4 lined brake shoes and fittings	BPW ECO 360 x 200 Lined Brake Shoe Kit come with 2 ECE R90 lined brake shoes and fittings	SAF 367 x 200 Lined Brake Shoe Kit - 2 Lined brake shoes and fixings	SAF 367 x 180 Lined Brake Shoe Kit - 2 Lined brake shoes and fixings

WBSK0039	WBSK0040	WBSK0041	WBSK0042
			
LINED WHEEL END KIT - 2 ECE R90 LINED BRAKE SHOES WITH ROLLER FITTED - 07/02/2023 RETURN SPRING WA288 IS AVAILABLE	WHEEL END KIT - 2 ECE R90 APPROVED LINED BRAKE SHOES WITH ROLLERS & RETURN SPRING WA288	2 x NEW ECE R90 APPROVED LINED CAST BRAKE SHOES. FOR RETURN SPRINGS SEE WINNARD PART NUMBER WA291	2 x NEW ECE R90 APPROVED LINED CAST BRAKE SHOES. FOR RETURN SPRINGS SEE WINNARD PART NUMBER WA291

WBSK0043	WBSK0044	WBSK0045	WBSK0046
			
2 x NEW ECE R90 APPROVED LINED CAST BRAKE SHOES. FOR RETURN SPRINGS SEE WINNARD PART NUMBER WA291	2 x NEW ECE R90 APPROVED LINED CAST BRAKE SHOES. FOR RETURN SPRINGS SEE WINNARD PART NUMBER WA291		LINED WHEEL END KIT - 2 LINED BRAKE SHOES WITH ROLLERS

WBSK0047	WBSK0049	WBSK0050	WBSK0051
			
LINED WHEEL END KIT - 2 LINED BRAKE SHOES WITH ROLLERS	Quick fit version, (old version, refer to WBSK0045)		410 x 225 ECE R90 approved Lined Wheel End kit Kit with new style W shaped brake shoe, one Leading and one Trailing lined brake shoe. Retaining Pin WA290 and Spring clamp WA289 available

WBSK0052/4	WBSK0055	WBSK0056	
29/01/2024 LINED AXLE BRAKE SHOE KIT IS BEING DEVELOPED - SEE DUE DATE FOR FIRST DELIVERY		24/11/2023 LINED KIT IS UNDER DEVLOPMENT FOR 2024	

SUBD0002	SUBD0003		
			
Set-up brake drum. Allows access to brake adjustment and lining to drum clearances.	Set-up brake drum. Allows access to brake adjustment and lining to drum clearances.		
Height: 240	Height: 248		

ABS0001	ABS0002	ABS0005	ABS0006
			
ABS POLE WHEEL INSERT	ABS POLE WHEEL INSERT	ABS POLE WHEEL INSERT	
No. Teeth: 80T	No. Teeth: 57T		Thickness: 21.7

ABS0007	ABS0009	ABS0010	ABS0011
			
		Fits with the flat base hub.	
Thickness: 9	Thickness: 13.3 No. Teeth: 100T	Thickness: 18 No. Teeth: 100T	No. Teeth: 80T

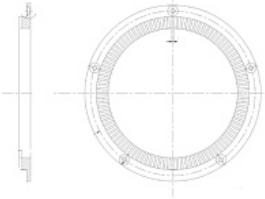
ABS0012	ABS0014	ABS0015	ABS0017
			
Fits with the angled base hub.	Fits with HUB0011NB and HUB0014NB with 58mm bearings.	SOLID STEEL ABS RING - REPLACED BY ABS0090	
Thickness: 18 No. Teeth: 100T	Thickness: 12	Thickness: 7.15	Thickness: 8.4 No. Teeth: 100T

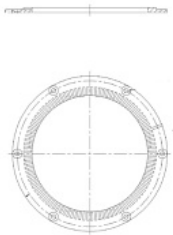
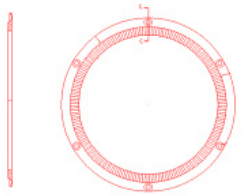
ABS0019	ABS0020	ABS0021	ABS0022
			
ABS Exciter Ring Solid 100 Teeth	ABS Exciter Ring Solid 100 Teeth		
Thickness: 22	Thickness: 20	Thickness: 12	Thickness: 17

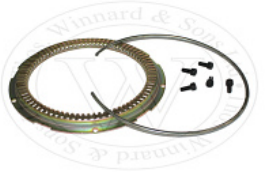
ABS0023	ABS0024	ABS0025	ABS0027
			
Height: 18.8	Height: 72		

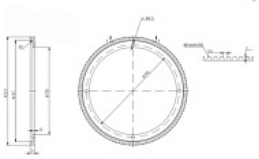
ABS0028	ABS0029	ABS0032	ABS0033
			
		ABS POLE WHEEL INSERT	SUPPLIED WITH HEX SCREWS AND WASHERS
	Height: 12	Height: 88.5	Height: 22

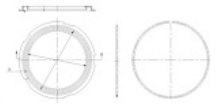
ABS0034	ABS0037	ABS0038	ABS0052
			
SUPPLIED WITH HEX SCREWS AND WASHERS		REPLACEMENT ZINC COATED ABS RING FOR THE NEW VERSION OF DE1055. SUPPLIED WITH LOCATION SCREWS - BEING UPDATED TO KTL COATING	
Height: 22	Height: 13	Thickness: 3	Thickness: 15

ABS0053	ABS0057	ABS0058	ABS0059
			
REPLACEMENTS STEEL ABS RING AND 5 x M3 LOCATION BOLTS FOR WINNARD BRAKE DISC IV1103 - PLEASE NOTE THIS WILL NOT FIT WITH THE OE OR ANY OTHER SUPPLIERS VERSION - EXCLUSIVE TO WINNARD.			NEW BOLT ON ABS RING FOR DE1053+
	No. Teeth: 80T	No. Teeth: 80T	Height: 15

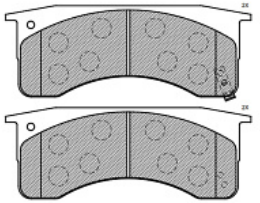
ABS0061	ABS0064	ABS0065	ABS0067
			
	REPLACEMENT ABS RING AND C TYPE RETENTION SPRING		
	Height: 10	Height: 18	Height: 5

ABS0068	ABS0071	ABS0076	ABS0079
			
	FITS ON WHEEL HUB	REPLACES ABS0018	NEW BOLT ON ABS RING UPGRADE: DA1051 / DA1052 / DA1054 / DA1060. REPLACES ABS0013.
	Height: 15		No. Teeth: 80T

ABS0082	ABS0085	ABS0086	ABS0087
			
SUPPLIED WITH 6 x 1/4-20 UNC BUTTON HEAD ALLEN KEY SOCKET BOLTS. WE RECOMMEND LOCTITE IS USED DUING INSTALLATION.		01/03/2024 NEW ABS RING DESIGN IN DEVELOPMENT	
Height: 10	Thickness: 10 No. Teeth: 100T	Height: 5.2	Height: 14.5

ABS0092	ABS0094	ABS0097	ABS0100
			
			ABS RING FOR DA1065
No. Teeth: 55T		Thickness: 15	

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12.0138	12.0342	WP102	WP1032
			
	16/05/2022 NOW SOLD IN PAIRS	2 Plain pads, 2 pads with spring wear indicators ECE R90 Approved	4 pads 2 with mechanical wear indicator
	Length: 277 Height: 103 Thickness: 24	Length: 183/238 Height: 70/93 Thickness: 22	Length: 240 Height: 88.4 Thickness: 25.2

WP1038	WP1039	WP1042	WP1043
			
Winnard ECE R90 approved. 4 Plain pads.	ATE Caliper - Winnard ECE R90 approved. 4 Identical pads.	Winnard ECE R90 approved. 2 Plain pads, 2 pads with wear indicators.	Winnard ECE R90 approved. BOSCH brakes. 2 Plain pads, 2 pads with spring clips. Fitting kit up grade, now supplied with bolts and springs.
Length: 157 Height: 65 Thickness: 19.3	Length: 141 Height: 49 Thickness: 16.6	Length: 205 Height: 106 Thickness: 27	Length: 165 Height: 73 Thickness: 19.5

WP1044	WP1045	WP1047	WP1047S2
			
2 Pairs of pads, each joined with a wear indicator. ECE R90 approved	ATE Caliper - Winnard ECE R90 approved. 4 Identical pads	Winnard ECE R90 approved. 4 Identical pads, supplied with WA213 fitting kit. ECE R90 Approved.	NEW Stage 2 material with bedding in coating. 4 Identical pads, supplied with WA213 fitting kit. ECE R90 Approved.
Length: 64 Height: 57 Thickness: 17	Length: 156 Height: 55 Thickness: 18	Length: 250 Height: 114 Thickness: 28	Length: 250 Height: 114 Thickness: 28

WP110	WP1102	WP111	WP112
			
6 Plain pads, 2 pads with holes for wear indicators.	Winnard ECE R90 approved. 4 Identical pads. Also see WP1315 which is the same pad but 17.5mm thick.	2 Pairs of pads.	4 IDENTICAL PADS, 1 WITH WEAR LEAD
Length: 125 Height: 60 Thickness: 19	Length: 165 Height: 66 Thickness: 20	Length: 133 Height: 53 Thickness: 17	Length: 130 Height: 59 Thickness: 19

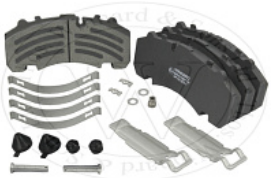
WP1126	WP1136	WP119	WP122
			
Winnard ECE R90 approved. 4 Identical pads. ECE R90 Approved. Replaces WP879	14/05/2024 Market price adjustment due to changes in supply and availability. - 4 Identical pads with hole in backplate for wear indicator.	Winnard ECE R90 approved. 4 Identical pads supplied with WA247 fitting kit.	4 Identical pads.
Length: 175 Height: 86 Thickness: 22	Length: 214 Height: 112 Thickness: 25	Length: 211 Height: 94 Thickness: 30	Length: 179.5 Height: 95 Thickness: 28

WP123	WP125	WP126	WP1277
			
4 Identical pads, supplied with WA211 fitting kit. ECE R90 approved.	4 Identical pads. ECE R90 approved	4 Identical pads. ECE R90 approved	Winnard ECE R90 approved. 2 Pairs of pads. ECE R90 Approved. Supplied with WA231 fitting kit.
Length: 245 Height: 120 Thickness: 30	Length: 206 Height: 80 Thickness: 20	Length: 206 Height: 75 Thickness: 20	Length: 174 Height: 84 Thickness: 2 Pads 27mm - 2 Pads 34mm

WP1279	WP128	WP129	WP1292
			
Winnard ECE R90 approved. 4 Identical pads, supplied with an upgraded WA235 fitting kit.	4 Identical pads	SUPPLIED WITH COMPLETE FITTING KIT. 4 Identical pads. ECE R90 Approved.	Winnard ECE R90 approved. 4 Identical pads. ECE R90 Approved.
Length: 176 Height: 86 Thickness: 26	Length: 192 Height: 64 Thickness: 21	Length: 204.6 Height: 99.6 Thickness: 30	Length: 138.8 Height: 66.3 Thickness: 18

WP130	WP1304	WP1305	WP1306
			
Winnard ECE R90 approved. 4 Identical pads. ECE R90 Approved. SUPPLIED WITH FITTING KIT.	Winnard ECE R90 approved. BOSCH brakes. 4 Identical pads.	Winnard ECE R90 approved. BOSCH brakes. 4 Identical pads.	Bosch Caliper - Winnard ECE R90 approved. 4 Identical pads.
Length: 205 Height: 100 Thickness: 30	Length: 134.5 Height: 66 Thickness: 20	Length: 104 Height: 53 Thickness: 17	Length: 126 Height: 63 Thickness: 18

WP131	WP1314	WP1315	WP132
			
Winnard ECE R90 approved. 4 Identical pads ECE R90 Approved. Supplied with WA231 fitting kit. DUAL KEYWAY CUT OUT	Winnard ECE R90 approved. 4 Identical pads, supplied with WA211 fitting kit.	Winnard ECE R90 approved. 4 Identical pads. Also see WP1102 which is the same pad but 20mm thick.	Winnard ECE R90 approved. 4 Identical pads. Supplied with WA231 fitting kit. Dual keyway cut out. Also see WP158 for version without cut outs.
Length: 211 Height: 92.5 Thickness: 30	Length: 205.5 Height: 100 Thickness: 27	Length: 165 Height: 66 Thickness: 17	Length: 210 Height: 108 Thickness: 30

WP1329	WP133	WP134	WP135
			
Winnard ECE R90 approved. 4 Identical pads. Supplied with WA231 fitting kit. REPLACES WP1329S2	Winnard ECE R90 approved. 4 Identical pads. Supplied with WA231 fitting kit. DUAL KEYWAY CUT OUT.	Winnard ECE R90 approved. Fits ELSA 195-3 caliper. 4 Identical pads. Complete with fitting kit WA251.	13/10/2014 - NOW SUPPLIED WITH FITTING KIT WA228
Length: 211 Height: 92.5 Thickness: 30	Length: 248 Height: 108 Thickness: 30	Length: 210 Height: 100 Thickness: 30	Length: 216 Height: 97 Thickness: 30

WP1350	WP1351/4	WP136	WP1367
			
With Wear lead. ECE R90 approved material.	2 Plain pads, 2 pads with wear indicators. ECE R90 approved	Winnard ECE R90 approved. 4 Identical brake pads. Supplied with fitting kit WA251	Winnard ECE R90 approved. 4 Identical pads. NOW SUPPLIED WITH FITTING KIT WA247
Length: 174 Height: 69 Thickness: 20	Length: 149 Height: 69 Thickness: 18	Length: 250 Height: 114 Thickness: 29	Length: 248 Height: 105 Thickness: 30

WP136S2	WP137	WP1386	WP1387
			
Supplied with fitting kit WA251	Winnard ECE R90 approved. 4 Identical pads. Supplied with fitting kit WA251	Winnard ECE R90 approved. 4 Identical pads. SUPPLIED WITH FITTING KIT WA227.	Winnard ECE R90 approved. 4 Identical pads. Supplied with fitting kit WA228.
Length: 250 Height: 114 Thickness: 29	Length: 250 Height: 114 Thickness: 30	Length: 176 Height: 88 Thickness: 30	Length: 210 Height: 102 Thickness: 30

WP1388	WP1388S2	WP1389	WP139
			
Winnard ECE R90 approved. 4 Identical pads, supplied with WA225 fitting kit.	STAGE 2 ECE R90 approved. 4 Identical pads, supplied with WA225 fitting kit.	Winnard ECE R90 approved. 4 Identical pads supplied with WA223 fitting kit. PLEASE NOTE: This brake pad is not the same as FCV1389. For FCV1389 see WP129 or WP130.	Winnard ECE R90 approved. 4 Identical pads. Supplied with 2 fitting kit options, WA254 (PAN 22-1) & WA275 (MAX 22T) - See above attachments for fitting instructions - 22/08/2023 Pallet qty reduced to 90 sets due to requiring a larger box to for the extra fitting kit
Length: 250 Height: 111 Thickness: 29	Length: 250 Height: 111 Thickness: 29	Length: 210 Height: 93 Thickness: 30	Length: 210 Height: 110 Thickness: 30

WP1390	WP140	WP1404	WP1404S2
			
Winnard ECE R90 approved. 4 Identical pads.	Winnard ECE R90 approved. 4 Identical Pads, supplied with WL069 wear lead and fitting kit	Winnard ECE R90 approved. 4 Identical pads. Supplied with WA208 fitting kit.	STAGE 2 ECE R90 approved. 4 Identical pads. Supplied with WA208 fitting kit.
Length: 165 Height: 66 Thickness: 19.5	Length: 166 Height: 67.6 Thickness: 18	Length: 250 Height: 118 Thickness: 30	Length: 250 Height: 118 Thickness: 30

WP1405	WP141	WP142	WP143
			
Winnard ECE R90 approved. 4 Identical pads.	Winnard ECE R90 approved. 4 Identical Pads, supplied with WL070 wear lead and fitting kit	Winnard ECE R90 approved. 4 Identical Pads, supplied with WL069 wear lead.	
Length: 110 Height: 64 Thickness: 20	Length: 123 Height: 54 Thickness: 17	Length: 165 Height: 65 Thickness: 18	Length: 90 Height: 74 Thickness: 15

WP144	WP1452	WP1453	WP1461
			
Winnard ECE R90 approved.	Winnard ECE R90 approved. 4 Identical pads.	Winnard ECE R90 approved. 4 Identical pads.	2 Pads with wear clips 2 without
Length: 169 Height: 62.3 Thickness: 17.5	Length: 138.8 Height: 79.8 Thickness: 17.8	Length: 116 Height: 51 Thickness: 17.2	Length: 169 Height: 64 Thickness: 18

WP147	WP1515	WP1553	WP1554
			
4 IDENTICAL PADS, 1 WITH WEAR LEAD		With BOSCH brakes. 4 Identical pads. ECE R90 Approved	With BOSCH brakes. 4 Identical pads. ECE R90 Approved
Length: 165 Height: 65 Thickness: 19	Length: 139 Height: 62 Thickness: 18	Length: 165 Height: 62 Thickness: 21	Length: 102 Height: 50 Thickness: 18.5

WP1556	WP1557	WP1558	WP1559
			
Winnard ECE R90 approved. 4 Identical brake pads. Fitting kit WA255 available.	8 pads supplied, 6 plain and 1 of each hand. Supplied with metal wear indicator clips.	Supplied with fitting kit WA251.	Pads in total. 6 Plain pads plus 2 with holes.
Length: 175 Height: 95 Thickness: 27	Length: 139 Height: 58.9 Thickness: 20.2	Length: 218 Height: 115 Thickness: 30	Length: 123 Height: 56.5 Thickness: 17.5

WP1560	WP1561	WP1561S2	WP1562
			
3 Plain Pads, 1 with 2 holes	Winnard ECE R90 approved. Supplied with fitting kit.	Winnard ECE R90 approved. Supplied with fitting kit.	Winnard ECE R90 approved. Supplied with fitting kit.
Length: 147 Height: 56 Thickness: 18	Length: 208 Height: 113 Thickness: 35	Length: 208 Height: 113 Thickness: 35	Length: 245 Height: 114 Thickness: 35

WP1562S2	WP1563	WP1564	WP1565
			
Winnard ECE R90 approved. Supplied with fitting kit.			THIS PAD IS NOT CURRENTLY AVAILABLE - PART SHOWN FOR INFORMATION PURPOSES.
Length: 245 Height: 114 Thickness: 35	Length: 211 Height: 102 Thickness: 30	Length: 211 Height: 115 Thickness: 30	Length: 248 Height: 115 Thickness: 30

WP1566	WP1567	WP1570	WP1572
			
Winnard ECE R90 approved. 4 Identical pads. Supplied with fitting kit	There are two versions of fitting kits for this brake pad: GEN1 & GEN2. GEN1 12/2018 has a SOLID hold down bar plate. GEN2 used from 2019 has a lighter pressed STEEL design. Our fitting kit has both plate designs included so it can be used for both versions. See fitting kit guide linked above:	8 Brake pads supplied with shims and wear indicator clips.	
Length: 218 Height: 108 Thickness: 31	Length: 210 Height: 94 Thickness: 29	Length: 144.3 Height: 61.5 Thickness: 19	Length: 178 Height: 67.9 Thickness: 21

WP1574	WP1575	WP1576	WP1576S2
			
	DUAL CUT TO WORK ON BOTH SCHMITZ & SAF APPLICATIONS	NEW TO RANGE MATERIAL - SEE DUE DATE FOR AVAILABILITY - CAN BE USED IN PLACE OF WP988.	CAN BE USED IN PLACE OF WP988S2. Our S2 material is designed to work at high operating temperatures and is therefore suited to be fitted with applications using SOLID brake discs.
Length: 210 Height: 90.6 Thickness: 30	Length: 215 Height: 108.5 Thickness: 32 and 35	Length: 247.3 Height: 109.5 Thickness: 30	Length: 247.3 Height: 109.5 Thickness: 30

WP1577	WP1577S2	WP1578	WP1579
			
Length: 220.5 Height: 104.5 Thickness: 30	Length: 220.5 Height: 104.5 Thickness: 30	Length: 210 Height: 93.6 Thickness: 30	Length: 249 Height: 108 Thickness: 29

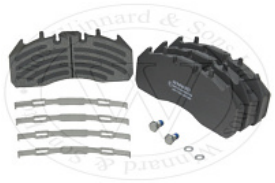
WP1580	WP1581	WP1583	WP1584
			
			Supplied with fitting kit and wear lead. The fitting kit is installed the same as WP1279, see instructions above.
	Length: 210 Height: 90 Thickness: 30	Length: 210.4 Height: 92.5 Thickness: 30	Length: 215 Height: 108 Thickness: 30

WP1586	WP1587	WP1588	WP1589
			
Length: 169 Height: 66 Thickness: 21	Length: 149 Height: 55 Thickness: 20	Length: 163.6 Height: 67 Thickness: 21.1	Length: 177.7 Height: 70.7 Thickness: 21.4

WP1590	WP1591	WP1592	WP1593
			
Length: 177.7 Height: 74.5 Thickness: 20.4	Length: 170.7 Height: 64.2 Thickness: 19.9	Length: 141.4 Height: 64.9 Thickness: 19.1	Length: 184 Height: 70.6 Thickness: 19.6

WP1596	WP1602	WP1603	WP1604
ALSO SEE WP229		PART IS IN DEVELOPMENT - ETA 1st QUARTER OF 2024	19/10/2023 - UNDER DEVELOPMENT ESTIMATED COMPLETION DATE TO BE CONFIRMED
Length: 163.3 Height: 67.2 Thickness: 21.4	Length: 144.3 Height: 61.5 Thickness: 19	Length: 153.5 Height: 50.7 Thickness: 18.00	

WP1605	WP162	WP173	WP174
			
		Winnard ECE R90 approved. Fits ELSA 225-1 caliper. Supplied with WA251 fitting kit.	Supplied with fitting kit WA251. Fits ELSA 225-3 caliper. 4 Identical pads. Winnard ECE R90 approved.
Length: 118.6 Height: 46.8 Thickness: 17.2	Length: 150 Height: 81 Thickness: 20	Length: 216 Height: 97 Thickness: 29	Length: 249.6 Height: 107 Thickness: 29.2

WP174S2	WP190	WP192	WP200
			
Our S2 material is designed to work at high operating temperatures and is therefore suited to be fitted with applications using SOLID brake discs.	Winnard ECE R90 approved. 4 Identical Pads. Supplied with fitting bolts, shims and wear leads	Winnard ECE R90 approved. 4 Identical Pads with wear leads and bolts.	Winnard ECE R90 approved. Supplied with fitting bolts and WL065 wear lead - CHECK related parts for other wear lead options.
Length: 250 Height: 107 Thickness: 29	Length: 137 Height: 61 Thickness: 19	Length: 164 Height: 66 Thickness: 19	Length: 169 Height: 73 Thickness: 20

WP201	WP229	WP232	WP233
			
Winnard ECE R90 approved. Supplied with fitting bolts, WL065 & WL067 wear leads.	Winnard ECE R90 approved. Supplied with fitting bolts and wear leads.	Winnard ECE R90 approved. Supplied with fitting bolts and wear leads.	Winnard ECE R90 approved. 4 Identical brake pads.
Length: 164 Height: 80 Thickness: 20	Length: 163 Height: 66.6 Thickness: 21	Length: 141 Height: 73 Thickness: 21	Length: 184 Height: 65 Thickness: 23

WP239	WP243	WP275	WP397
			
4 Identical pads. ECE R90 approved		4 Pads supplied	1 PAD WITH WEAR LEAD 300mm / 3 WITHOUT
Length: 149 Height: 75.5 Thickness: 18	Length: 90 Height: 74 Thickness: 19	Length: 127 Height: 108 Thickness: 30	Length: 160 Height: 64 Thickness: 20

WP440	WP465	WP466	WP468
			
		SUPPLIED WITH WEAR LEAD	SUPPLIED WITH WEAR LEAD
Length: 156 Height: 63 Thickness: 17.5	Length: 137 Height: 49 Thickness: 19	Length: 169 Height: 69 Thickness: 19	Length: 169 Height: 62 Thickness: 19

WP501	WP503	WP516	WP5167
			
Winnard ECE R90 approved. 4 Identical brake pads. FITTING KIT IS AVAILABLE WA236	Winnard ECE R90 approved. 2 Plain pads, 2 with wear indicators.	2 Plain pads, 2 with wear indicators. ECE R90 approved	Winnard ECE R90 approved. 2 Pads with springs (handed), 2 pads with springs and spring wear indicators (handed).
Length: 173 Height: 83 Thickness: 21.5	Length: 191 Height: 87 Thickness: 23	Length: 149 Height: 69 Thickness: 18	Length: 169 Height: 63.5 Thickness: 18

WP523	WP575	WP594	WP602
			
Winnard ECE R90 approved. 4 Identical brake pads.	4 Identical pads. ECE R90 approved	As from 25/05/2016 these Brake Pads are packed in Axle sets (8 Pads).	SUPPLIED WITH BOLTS, SPRINGS & WEAR LEAD
Length: 177 Height: 77 Thickness: 22	Length: 161 Height: 70 Thickness: 24	Length: 140 Height: 121 Thickness: 32	Length: 171.8 Height: 68.8 Thickness: 17

WP603	WP624	WP627	WP634
			
SUPPLIED WITH BOLTS & SPRINGS	Winnard ECE R90 approved. 8 identical pads 4 with wear lead.	2 Plain pads with 14mm drilled holes, 2 pads with springs. ECE R90 approved	
Length: 136.9 Height: 58.5 Thickness: 17.6	Length: 157 Height: 98 Thickness: 19	Length: 168 Height: 62 Thickness: 17	Length: 171.9 Height: 66.2 Thickness: 17

WP655	WP668	WP690	WP700
			
2 Plain pads, 2 with wear indicators. ECE R90 approved	2 Pairs of pads with wear indicators. ECE R90 Approved.	4 Identical pads. ECE R90 approved	Winnard ECE R90 approved. 4 Identical pads.
Length: 110 Height: 73 Thickness: 18	Length: 180 Height: 86 Thickness: 21.5	Length: 127 Height: 71 Thickness: 18	Length: 139 Height: 64 Thickness: 18

WP701	WP709	WP733	WP738
			
Winnard ECE R90 approved. 4 Identical pads.	2 Plain pads, 2 with wear indicators. ECE R90 approved	Winnard ECE R90 approved. 4 Identical pads.	8 Identical pads.
Length: 139 Height: 72 Thickness: 18	Length: 149 Height: 69 Thickness: 18	Length: 175 Height: 77 Thickness: 22	Length: 180 Height: 114 Thickness: 20

WP753	WP760	WP760S2	WP769
			
	Winnard ECE R90 approved. 4 Identical pads, supplied with fitting kit WA208-1.	STAGE 2 ECE R90 approved. 4 Identical pads, supplied with fitting kit WA208-1.	Winnard ECE R90 approved. 4 Identical pads.
Length: 236 Height: 95 Thickness: 20	Length: 250 Height: 118 Thickness: 28	Length: 250 Height: 118 Thickness: 28	Length: 204 Height: 96 Thickness: 24

WP770	WP773	WP791	WP797
			
Winnard ECE R90 approved. 4 Identical pads.	Winnard ECE R90 approved. 4 Identical pads.	2 Plain pads with 10mm drilled holes on the back plate, 2 pads with springs. ECE R90 approved	1 PAD SUPPLIED WITH WEAR LEAD / 3 WITHOUT
Length: 206 Height: 107 Thickness: 25	Length: 241 Height: 125 Thickness: 25	Length: 166.3 Height: 61.6 Thickness: 16.4	Length: 145 Height: 61 Thickness: 20

WP801/8	WP802	WP829	WP852
			
Winnard ECE R90 approved. 20/03/2018 Now packed in two boxes of 4 (3 Plain pads, 1 with a 190mm long wear indicator a 250mm extension lead is available WL079).	4 Identical pads. ECE R90 approved	4 Identical pads. ECE R90 approved	2 Plain pads, 2 with wear indicators. ECE R90 approved
Length: 180 Height: 106 Thickness: 20	Length: 166 Height: 66 Thickness: 18	Length: 105 Height: 75 Thickness: 18	Length: 174 Height: 69 Thickness: 20

WP917	WP919	WP921	WP961
			
1 PAD WITH WEAR LEAD 200mm / 3 WITHOUT	1 PAD WITH WEAR LEAD 180mm / 3 WITHOUT		4 Identical pads
Length: 141 Height: 66 Thickness: 19	Length: 165 Height: 69 Thickness: 19	Length: 110 Height: 50 Thickness: 20	Length: 110 Height: 99 Thickness: 25

WP987	WP988	WP988S2	
			
Winnard ECE R90 approved. 4 Identical brake pads.	4 Identical pads with bedding in coating. Now supplied with Drilled Scania top plate WA265 & WA231 fitting kit.	Our S2 material is designed to work at high operating temperatures and is therefore suited to be fitted with applications using SOLID brake discs.	
Length: 176 Height: 83 Thickness: 22	Length: 248 Height: 108 Thickness: 30	Length: 248 Height: 108 Thickness: 30	

201042	201081	201082	434043110
			

564734.H195	579205.H195	632203.H195	723500110
			
FAG (TAM) Supplied with 12 Hub bolts, ABS Ring and Seal			NEW FAG HUB & BEARING - SUPPLIED WITH HUB BOLTS - RING - SEAL & ABS RING
Height: 113.8	Height: 112		Height: 169.5

723500210	723500310	723500410	723500510
			
NEW FAG HUB & BEARING - SUPPLIED WITH WS0012 WHEEL BOLTS - ABS RING -& HALF SHAFT STUDS		NEW FAG HUB & BEARING SUPPLIED WITH 78MM WHEEL STUDS & ABS RING - PLEASE CHECK THE INTERNAL BEARING STUB AXLE DIAMETER. THERE IS A NEW HUB WHICH MANY SUPPLERS INCORRECTLY CROSS REFERENCE to HUB0008.	NEW FAG HUB & BEARING SUPPLIED WITH ABS RING
	Height: 145.5	Height: 224	Height: 295

723500610	723501010	723501710	723502010
			
NEW FAG HUB & BEARING SUPPLIED WITH ABS RING, HUB CAP & SEAL	FAG HUB & BEARING SUPPLIED WITH HUB CAP & SEAL	NEW FAG HUB & BEARING SUPPLIED WITH ABS RING, HUB CAP & SEAL. PLEASE NOTE: THIS THE NEWER HUB DESIGN AND IS FITTED WITH THE 125mm OUTER BEARING. TO CHECK THAT THIS IS THE HUB YOU REQUIRE MEASURE THE HUB CAP LOCATION DIAMETER - SEE OUR TECHNICAL BULLETIN FOR FURTHER INFORMATION	NEW FAG HUB & BEARING SUPPLIED WITH ABS RING & SEAL
		Height: 210	Height: 287

723502610	801974.12.H195	805532.01.H195	805738.H195
			
NEW FAG HUB & BEARING SUPPLIED WITH ABS RING. PLEASE NOTE: THIS THE OLDER HUB DESIGN AND IS FITTED WITH THE 120mm OUTER BEARING. TO CHECK THAT THIS IS THE HUB YOU REQUIRE MEASURE THE HUB CAP LOCATION DIAMETER - SEE OUR TECHNICAL BULLETIN FOR FURTHER INFORMATION	A new axle nut (434043110) should be replaced after each removal because it is a self-locking nut and may only be used once.		
Height: 208	Height: 134.5	Height: 102	Height: 122

805993.02.H195	HUB0001	HUB0001NB	HUB0002
			
See technical bulletin reference upgrade from Timken version	NEW HUB SUPPLIED WITH FAG BEARING		NEW HUB SUPPLIED WITH FAG BEARING
Height: 117	Height: 295	Height: 295	Height: 287

HUB0002NB	HUB0003	HUB0003NB	HUB0004
			
	NEW HUB SUPPLIED WITH FAG BEARING. PLEASE NOTE: THIS THE OLDER HUB DESIGN AND IS FITTED WITH THE 120mm OUTER BEARING. TO CHECK THAT THIS IS THE HUB YOU REQUIRE MEASURE THE HUB CAP LOCATION DIAMETER - SEE OUR TECHNICAL BULLETIN FOR FURTHER INFORMATION	BRAND NEW HUB WITHOUT BEARING. PLEASE NOTE: THIS THE OLDER HUB DESIGN AND IS FITTED WITH THE 120mm OUTER BEARING. TO CHECK THAT THIS IS THE HUB YOU REQUIRE MEASURE THE HUB CAP LOCATION DIAMETER - SEE OUR TECHNICAL BULLETIN FOR FURTHER INFORMATION	NEW HUB SUPPLIED WITH FAG BEARING. PLEASE NOTE: THIS THE NEWER HUB DESIGN AND IS FITTED WITH THE 125mm OUTER BEARING. TO CHECK THAT THIS IS THE HUB YOU REQUIRE MEASURE THE HUB CAP LOCATION DIAMETER - SEE OUR TECHNICAL BULLETIN FOR FURTHER INFORMATION
Height: 287	Height: 208	Height: 208	Height: 210

HUB0004NB	HUB0007	HUB0008	HUB0014
			
	NEW HUB FITTED WITH FAG BEARING	PLEASE CHECK THE INTERNAL BEARING STUB AXLE DIAMETER. THERE IS A NEW HUB WHICH MANY SUPPLERS INCORRECTLY CROSS REFERENCE to HUB0008.	Metric studs with 58mm bearing.
Height: 210	Height: 270	Height: 222	Height: 224

HUB0015NB	HUB0016	HUB0016NB	HUB0017NB
			
New hub supplied without bearing, but bearing FAG0016 can be supplied and fitted.		BARE HUB SUPPLIED WITHOUT BEARING	CAN BE REPLACED BY HUB0038NB IF NEW HUB BOLTS ARE FITTED HSK0038-3
	Height: 212	Height: 212	

HUB0018	HUB0034	HUB0034NB	HUB0036
			
			New hub supplied with FAG bearing fitted. This hub has a screw in hub cap. See HSK0035-1
Height: 224			Height: 137

HUB0036NB	HUB0037	HUB0037NB	HUB0038
			
New hub supplied without bearing. This hub has a screw in hub cap - See HSK0035-1	NEW HUB SUPPLIED WITH BEARING FITTED	NEW HUB SUPPLIED WITHOUT BEARING	NEW HUB SUPPLIED WITH FAG BEARING - HUB BOLTS - RETAINING RING - BEARING O RING - HUB CAP AND O RING
Height: 137	Height: 169	Height: 169	Height: 169.5

HUB0038NB	HUB0039	HUB0039NB	HUB0040
			
New hub without bearing	New hub supplied with FAG bearing fitted.		SUPPLIED WITH FAG BEARING FITTED - See HUB0029 for Metric Stud version
Height: 169.5	Height: 144.5	Height: 144.5	Height: 192

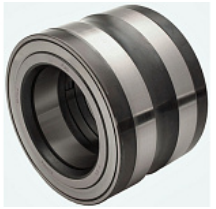
HUB0040NB	HUB0041	HUB0041NB	HUB0042
			
See HUB0029 for Metric Stud version			
Height: 192	Height: 164.5	Height: 164.5	Height: 197.5

HUB0042NB	HUB0047	HUB0047NB	HUB0050
			
	HUB0047 is very similar to HUB0008. Many suppliers cross reference to HUB0008 when the part they need is HUB0047. HUB0047 has a 58mm inner bearing stub axle diameter. HUB0008 is 68mm.	HUB0047 is very similar to HUB0008. Many suppliers cross reference to HUB0008 when the part they need is HUB0047. HUB0047 has a 58mm inner bearing stub axle diameter. HUB0008 is 68mm.	
Height: 197.5	Height: 224	Height: 224	

HUB0052	HUB0054	HUB0054NB	HUB0055
			
	HUB BOLTS & WHEELS STUDS CAN BE ADDED IF REQUIRED		
	Height: 141	Height: 141	Height: 133

HUB0055NB	HUB0056	HUB0056NB	HUB0057
			
Height: 133	Height: 173	Height: 173	Height: 143

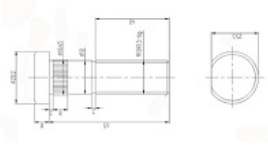
HUB0057NB			
			
Height: 143			

FAG0001	FAG0002	FAG0003	FAG0005
			
Fits with HUB0001NB & HUB0002NB - See installation service information in DOWNLOADS for printable fitting guidance.	Fits with HUB0003NB- See installation service information in DOWNLOADS for printable fitting guidance.	Fits with HUB0004NB- See installation service information in DOWNLOADS for printable fitting guidance.	

FAG0018			
			

ASL0001	ASL0002	ASL0003	ASL0009
			
		2 PIN	
Length: 1700mm	Length: 2500mm	Length: 2730mm	Length: 1000mm

ASL0010	ASL0011		
			
Length: 2500mm	Length: 400mm		

WS0031			
			

HUBKIT0001	HUBKIT0002	HUBKIT0003	HUBKIT0004
			
COMPLETE WHEEL END HUB KIT: NEW HUB, FAG BEARING, STUDS, BRAKE DISC & ABS RING - FULLY ASSEMBLED.	COMPLETE WHEEL END HUB KIT: NEW HUB, FAG BEARING, STUDS, BRAKE DISC & ABS RING - FULLY ASSEMBLED.	COMPLETE WHEEL END HUB KIT: NEW HUB, FAG BEARING, STUDS, BRAKE DISC & ABS RING - FULLY ASSEMBLED.	COMPLETE WHEEL END HUB KIT: NEW HUB, FAG BEARING, STUDS, BRAKE DISC & ABS RING - FULLY ASSEMBLED.

HUBKIT0007	HUBKIT0008	HUBKIT0014	HUBKIT0016
			
		COMPLETE WHEEL END HUB KIT: NEW HUB, FAG BEARING, STUDS, DISC & ABS RING - FULLY ASSEMBLED.	COMPLETE WHEEL END HUB KIT: NEW HUB, FAG BEARING, STUDS, BRAKE DISC & ABS RING - FULLY ASSEMBLED.
	Height: 222		

HUBKIT0018	HUBKIT0036	HUBKIT0037	HUBKIT0038
			
COMPLETE WHEEL END HUB KIT: NEW HUB, FAG BEARING, STUDS, DISC, FITTING KIT & ABS RING - FULLY ASSEMBLED	This hub has a screw in hub cap. See HSK0035-1	COMPLETE WHEEL END HUB KIT: NEW HUB, FAG BEARING, STUDS, BRAKE DISC WITH ABS RING - FULLY ASSEMBLED.	New HUBKIT supplied with FAG bearing, Hub Bolts, Wheel Bolts, Brake Disc, Seals & Hub Cap Can be fitted with the brake disc for the 19.5
		Height: 169	Height: 169.5

HUBKIT0039	HUBKIT0040	HUBKIT0042	HUBKIT0047
			
COMPLETE WHEEL END HUB KIT: NEW HUB, FAG BEARING, STUDS, BRAKE DISC WITH ABS RING - FULLY ASSEMBLED. - SEAL ADDED 28/03/2024		BRAKE DRUM WHEEL END - PLEASE NOTE THE BRAKE DRUM IS NOT SUPPLIED WITH THIS KIT SEE DRUM OPTIONS BELOW	HUB0047 is very similar to HUB0008. Many suppliers cross reference to HUB0008 when the part they need is HUB0047. HUB0047 has a 58mm inner bearing stub axle diameter. HUB0008 is 68mm.
Height: 144.5			

HUBKIT0054	HUBKIT0055	HUBKIT0056	HUBKIT0057
			
- COMPLETE WHEEL END HUB ASSEMBLY	COMPLETE WHEEL END HUB KIT: NEW HUB, FAG BEARING, STUDS, BRAKE DISC WITH ABS RING - FULLY ASSEMBLED.	COMPLETE WHEEL END HUB KIT: NEW HUB, FAG BEARING, STUDS, BRAKE DISC WITH ABS RING - FULLY ASSEMBLED. CAN BE SUPPLIED WITH THE CAST OR STEEL ABS DISC DESIGN.	COMPLETE WHEEL END HUB KIT: NEW HUB, FAG BEARING, STUDS, BRAKE DISC WITH ABS RING - FULLY ASSEMBLED.
	Height: 133		

24500	24501		
			
KNOTT SIMPLEX BRAKE EXPANDER - DOUBLE ACTING - 1 EXPANDER PER WHEEL	KNOTT DUPLEX BRAKE EXPANDER - SINGLE ACTING - 2 EXPANDERS PER WHEEL		

HSK0007			
			
HUB0007, HUBKIT0007 HALF SHAFT SERVICE KIT			

THOS. WINNARD AND SONS LIMITED Terms and Conditions

Mangham Road, Barbot Hall Industrial Estate, Rotherham, South Yorkshire, England S62 6EF

Registered in England company number 396394 VAT number GB 172 6702 63

DISCLAIMER

All photographs in this catalogue are illustrated to aid product identification. The product supplied may not be of the same manufacture as that of the corresponding image and therefore may be slightly different in appearance. Our product is not made exclusively by us or indeed by any other single manufacturer and the fact that an image may appear to be from a certain source does not constitute a guarantee that it will be the product we do supply. All Original Equipment Manufacturers part numbers and names are used for reference and identification purposes only and in no case does it imply that the parts offered are Original Equipment.

CONDITIONS OF SALE

1. **Definitions**

    1. Buyer means the person who buys or agrees to buy the goods from the Seller.
    2. Conditions means the terms and conditions of sale set out in this document and any special terms and conditions agreed in writing by the Seller.
    3. Delivery Date means the date specified by the Seller when the goods are to be delivered.
    4. Goods means the articles which the Buyer agrees to buy from the Seller.
    5. Price means the price for the Goods excluding carriage, packing, insurance and VAT.
    6. Seller Thos. Winnard and Sons Limited of Mangham Road, Barbot Hall Industrial Estate, Rotherham S62 6EF.

2. **Conditions applicable**

    1. These Conditions shall apply to all contracts for the sale of Goods by the Seller to the Buyer to the exclusion of all other terms and conditions including any terms or conditions which the Buyer may purport to apply under any purchase order confirmation of order or similar document.
    2. All orders for Goods shall be deemed to be an offer by the Buyer to purchase Goods pursuant to these Conditions.
    3. Acceptance of delivery of the Goods shall be deemed conclusive evidence of the Buyer's acceptance of these conditions.
    4. Any variation to these Conditions (including any special terms and conditions agreed between the parties) shall be inapplicable unless agreed in writing by the Seller.

3. **The Price and payment**

    1. The Price shall be the Seller's quoted price. The Price is exclusive of VAT which shall be due at the rate ruling on the date of the Seller's invoice.
    2. Payment of the Price and VAT shall be due within 30 days of the date of the invoice. Interest on overdue invoices shall accrue from the date when payment becomes due from day to day until the date of payment at a rate of 2% above Royal Bank of Scotland Plc's base rate from time to time in force and shall accrue at such a rate after as well as before any judgement.

4. **The Goods**

    1. The quantity and description of the Goods shall be as set out in the Seller's quotation.
    2. The Seller's catalogue does not constitute a specification or description of the Goods and is an illustrative guide only. The Seller shall be under no liability for variances between the catalogue description and Goods supplied.

3. Thos Winnard & Sons Ltd cannot accept any damages or consequential costs arising from fitting the incorrect part. It is the fitters responsibility to ensure that the correct part has been supplied.
4. Original Equpiment Manufacturers part numbers and Names are given for reference purposes only. In no case does Thos. Winnard & Sons Ltd imply that the parts offered are O.E.M. Every effort is made to ensure that the information in this catalogue is correct however Thos. Winnard & Sons Ltd cannot be held responsible for any errors inadvertently made.

5. **Warranties and liability**

    1. terms relating to fitness for purpose, merchantability or condition of the Goods and whether implied by statute or common law or otherwise are excluded. The Seller warrants that the Goods will at the time of delivery correspond to the description given by the Seller. Except where the Buyer is dealing as a consumer (as defined in the Unfair Contract Terms Act 1977 Section 12) all other Warranties, conditions or
    2. All goods are guaranteed for 12 months or 24 000 miles (40 000Kms) from date of fitment.
    3. The Seller shall be under no liability whatever to the Buyer for any indirect loss and/or expense (including loss of profit) suffered by the Buyer arising out of a breach of contract by the Seller.
    4. In the event of any breach of contract by the Seller the remedies of the Buyer shall be limited to damages. Under no circumstances shall the liability of the Seller exceed the price of the Goods.

6. **Delivery of the Goods**

    In the case of Goods not collected delivery of the Goods shall be made to the Buyer's address on the Delivery Date. The Buyer shall make all arrangements necessary to take delivery of the Goods whenever they are tendered for delivery.

7. **Acceptance of the Goods**

    1. The Buyer shall be deemed to have accepted Goods 24 hours after delivery to the Buyer.
    2. After acceptance the Buyer shall not be entitled to reject Goods which are not in accordance with the contract.

8. **Title and risk**

    1. The goods shall be at the Buyer's risk as from delivery.
    2. In spite of delivery having been made properly then the goods shall not pass from the Seller until:
        1. The Buyer shall have paid the prices plus VAT in full; and
        2. No other sums whatever shall be due from the Buyer to the Seller.

9. **Remedies of Buyer**

    1. Where the Buyer rejects any Goods then the Buyer shall have no further rights whatever in respect of the supply to the Buyer of such Goods or the failure by the Seller to supply Goods which conform to the contract of sale.
    2. Where the buyer accepts or has been deemed to have accepted any Goods then the Seller shall have no liability whatever to the Buyer in respects of those Goods.
    3. The Seller shall not be liable to the Buyer for late delivery or short delivery of the Goods.

10. **Proper law of contract**

    This contract is subject to the law of England and Wales.