

16. MULTIPURPOSE TRUCK SIZES – METRIC DESIGNATION RADIAL & DIAGONAL

**16.1 WIDE BASE SIZES FOR MULTIPURPOSE TRUCKS
HIGHWAY, OFF-THE-ROAD AND AGRICULTURAL SERVICE**

TYRE SIZE DESIGNATION					MEASURING RIM WIDTH CODE (1)	TYRE DIMENSIONS (mm)				LOAD CAPACITY PER AXLE (kg)		INFLATION PRESSURE (kPa)	
						DESIGN		MAXIMUM IN SERVICE					
						Section Width	Overall Diameter	Overall Width	Overall Diameter (2)	Single	Dual		
Load Index													
'50' Series – Radial													
505/50	R	17	MPT	146	16.00	506	938	526	968	6000	—	500	
'55' Series – Radial													
315/55	R	16	MPT	120	10.00	316	752	329	772	2800	—	400	
385/55	R	18	MPT	134	11.00	374	881	389	907	4240	—	400	
385/55	R	18	MPT	138	11.00	374	881	389	907	4720	—	475	
425/55	R	17	MPT	134	13.00	421	900	438	928	4240	—	350	
'60' Series – Radial													
355/60	R	18	MPT	142	11.00	353	883	367	909	5300	—	600	
'65' Series – Radial													
275/65	R	16	MPT	128	9.00	278	764	289	786	3600	—	600	
275/65	R	18	MPT	133	9.00	278	815	289	837	4120	—	600	
'70' Series – Radial													
265/70	R	16	MPT	114	8.00	261	778	271	800	2360	—	350	
325/70	R	18	MPT	125	9.00	312	913	324	941	3300	—	350	
365/70	R	18	MPT	133	11.00	360	969	374	999	4120	—	375	
375/70	R	20	MPT	136	12.00	377	1034	392	1066	4480	—	350	
375/70	R	20	MPT	146	12.00	377	1034	392	1066	6000	—	600	
405/70	R	20	MPT	136	13.00	407	1076	423	1110	4480	—	350	
405/70	R	20	MPT	152	13.00	407	1076	423	1110	7100	—	600	
405/70	R	24	MPT	142	13.00	407	1178	423	1212	5300	—	350	
405/70	R	24	MPT	145	13.00	407	1178	423	1212	5800	—	400	
405/70	R	24	MPT	149	13.00	407	1178	423	1212	6500	—	450	
405/70	R	24	MPT	152	13.00	407	1178	423	1212	7100	—	500	
445/70	R	24	MPT	147	14.00	445	1234	463	1272	6150	—	350	
445/70	R	24	MPT	151	14.00	445	1234	463	1272	6900	—	400	
455/70	R	24	MPT	154	14.00	452	1248	470	1286	7500	—	400	
495/70	R	24	MPT	155	16.00	499	1304	519	1346	7750	—	350	
495/70	R	30	MPT	147	16.00	499	1456	519	1498	6150	—	250	
'70' Series – Diagonal													
405/70	—	20	MPT	137	13.00	407	1076	440	1128	4600	—	250	
405/70	—	20	MPT	145	13.00	407	1076	440	1128	5800	—	350	
405/70	—	24	MPT	148	13.00	407	1178	440	1230	6300	—	350	
'75' Series – Radial													
375/75	R	20	MPT	136	12.00	377	1070	392	1104	4480	—	350	
375/75	R	20	MPT	152	12.00	377	1070	392	1104	7100	—	600	
425/75	R	20	MPT	148	13.00	421	1146	438	1184	6300	—	400	
'80' Series – Radial													
275/80	R	18	MPT	123	9.00	278	897	289	923	3100	—	350	
275/80	R	20	MPT	125	9.00	278	948	289	974	3300	—	350	
275/80	R	20	MPT	128	9.00	278	948	289	974	3600	—	425	
275/80	R	20	MPT	134	9.00	278	948	289	974	4240	—	525	
335/80	R	18	MPT	132	11.00	340	993	354	1025	4000	—	350	
335/80	R	20	MPT	134	11.00	340	1044	354	1076	4240	—	350	
335/80	R	20	MPT	139	11.00	340	1044	354	1076	4860	—	450	
335/80	R	20	MPT	141	11.00	340	1044	354	1076	5150	—	500	
335/80	R	20	MPT	145	11.00	340	1044	354	1076	5800	—	550	
335/80	R	20	MPT	149	11.00	340	1044	354	1076	6500	—	650	
335/80	R	20	MPT	150	11.00	340	1044	354	1076	6700	—	650	
365/80	R	20	MPT	132	11.00	360	1092	374	1128	4000	—	300	
365/80	R	20	MPT	143	11.00	360	1092	374	1128	5450	—	450	
365/80	R	20	MPT	149	11.00	360	1092	374	1128	6500	—	575	
365/80	R	20	MPT	152	11.00	360	1092	374	1128	7100	—	625	
365/80	R	20	MPT	154	11.00	360	1092	374	1128	7500	—	650	
365/80	R	24	MPT	144	11.00	360	1194	374	1230	5600	—	400	
(1) Approved Rim Contours : page C.30.													
(2) Special service													

(1) Approved Rim Contours : page C.30.

(2) Special service

Notes: pages C.2-C.5.

16.2. RIMS FOR FREE-ROLLING & MULTIPURPOSE TRUCK SIZES – METRIC DESIGNATION RADIAL & DIAGONAL

TYRE SIZE/SECTION CODE			APPROVED RIM CONTOURS									
			Multipurpose									
505/50	R	17	W16L									
315/55	R	16	W10L	11								
385/55			11	11 SDC								
425/55	R	17	13.00	13								
355/60	R	18	11	11 SDC								
275/65	R	16	9									
275/65	R	18	9	9 SDC								
265/70	R	16	W7	W8	W8L	W9						
325/70	R	18	9	9 SDC								
365/70			11	11 SDC	12	12SDC						
375/70			11	11 SDC	12	12 SDC						
405/70	-	20(1)	12	13	13 SDC							
405/70	-	24(1)	13.0	13 SDC	W13	DW13						
445/70			13.0	13 SDC	W14L	DW14L	W15L	DW15L				
455/70			13.0	13 SDC	W14L	DW14L	W15L	DW15L				
495/70			W15L	DW15L	W16L	DW16L						
375/75			W10	DW10	11	11 SDC	W11	DW11	12	12 SDC		
425/75			11	11SDC	12	12SDC	13	13SDC				
275/80			9	9 SDC	W9							
335/80			9	9 SDC	W9	W10	DW10	11	11 SDC	W11	DW11	12 12 SDC
365/80			11	11 SDC	12	12 SDC						
			Free-Rolling (FRT sizes)									
9.5	R	17.5	6.00	6.75								
10	R	17.5	6.75	7.50								
365/40	R	19.5	11.75									
455/40	R	22.5	15.00	16.00								
445/45	R	19.5	14.00	15.00								
455/45	R	22.5	14.00	15.00								
195/50	R	13	5½ J	6J	6½ J							
435/50			14.00	15.00								
195/55	R	10	6.00 I (+)									
265/55	R	19.5	8.25									
385/55			11.75	12.25								
425/55	R	19.5	13.00	14.00								
175/60	R	12	5 J	5½ J								
255/60	R	19.5	7.50	8.25								
275/60	R	19.5	8.25	9.00								
195/65	R	12	5½ J	6J								
205/65	R	17.5	6.00	6.75								
385/65	R	19.5	11.75	12.25								
425/65	R	22.5	12.25	13.00	14.00							
445/65	R	22.5	13.00	14.00								
155/70	R	12	4½ J	5J								
165/70	R	13	4½ J	5J								
180/70	R	8	5.00F									
185/70	R	13	5½ J	6J								
205/70	R	15	5.0	5.5	6.0	6.5						
245/70			6.75	7.50								
265/70	R	17.5	6.75	7.50								
265/70	R	19.5	7.50	8.25								
275/70	R	22.5	7.50	8.25								
285/70	R	19.5	8.25	9.00								
185/75	R	13	5 J	5½ J	6J							
215/75	R	17.5	6.00	6.75								
225/75	R	10	6.50 F									
235/75	R	17.5	6.75	7.50								
205/80	R	15	5.0	5.5	6.0	6.5						
165/90	R	9	4.00E									
Notes			Notes				Hinweise					
The measuring rim widths are shown in bold.			Les largeurs de jante de mesure apparaissent en gras.				Die Messfelgen-Breiten stehen in Fettdruck.					
(+)	For rim contour details of this rim, consult the current Tyre and Rim Association Inc. Year Book		Pour les détails du profil de cette jante, consulter le Tyre and Rim Association Inc. Year Book en vigueur				Bezüglich dieser Felge schlagen Sie für weiterer Details der Felgenkontur im aktuell gültigen Tyre and Rim Association Inc. Year Book nach					
	In place of 'J' the following markings may appear: 'R' for Radial, and 'D' for Diagonal		Les marquages suivants peuvent apparaître à la place de 'J': 'R' pour Radial et, 'D' pour Diagonal				Anstelle von 'J' können die folgenden Markierungen erscheinen: 'R' für Radial und 'D' für Diagonal					

Notes: pages C.2-C.5.