

# MONARCH

THE TECHNOLOGICAL SOLUTION



## TECHNICAL INFORMATION





# MONARCH RESILIENTS

**SPECIAL COMPOUNDS AVAILABLE ONLY ON HP:**

**Non-Marking** **NON-MARKING** – Doesn't leave black tire marks on any surface. High Performance tire

**OIL RESISTANT™** – Best resistance to petrochemicals, animal fats and other non-chlorinated fluids.

**All-Blend** **ALL BLEND** – Blend of cap stock reinforced with long fibers. High load carrying capacity.

**Skid-Steer** **SKID STEER** – Cut-resistant compound designed to withstand turning and twisting in extreme skid steer loader applications.

**MAN-TOTER™** – an even softer version of the Soft-Shoe™, designed for personnel carriers and in-plant utility vehicles.

**SPECIAL ORDER** – Various compounds are available upon request.



Cross section of Soft Shoe® E-Class



Cross section of Soft Shoe® HP



Cross section of Soft Shoe® Mono Matic

**RESILIENT SIZES AND DIMENSIONS**

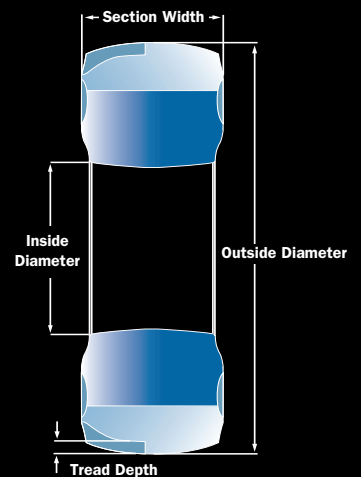
For Resilient tires there are 4 different size designations used.

5.00	-	8
section width		nominal wheel diameter
inch		inch

18	x	7	-	8
outside diameter		section width		nominal wheel diameter
inch		inch		inch

250	-	15
section width		nominal wheel diameter
mm		inch

200	/	50	-	10
section width		aspect ratio		nominal wheel diameter
mm		mm		inch





LUG



RIB



PLAIN



# SOFT SHOE® FAMILY

## RESILIENT TIRES

Size	Rim width	Profile			Soft Shoe®			Load capacity (kg)					Dimension		Weight kg	
								Counterbalanced lift trucks up to 25 km/h		Other vehicles (trailers)			Tire diam (mm)	Tire width (mm)		
		Lug	Rib	Plain	HP	E-class	E-class Loc	Load wheel	Steering wheel	6 km/h	10 km/h	25 km/h				
15.5x4 - 8	2.50C-8		●		X			475	365	475	431	365	394	102	9.8	
4.00 - 8	2.50C-8		●		X			950	730	950	860	730	406	127	11.3	
	3.00D-8	●	●		X			950	730	950	860	730	406	127	11.6	
	3.25I-8	●	●		X			950	730	950	860	730	406	127	11.8	
	3.75-8	●	●		X			1005	775	1005	915	775	406	127	12.0	
5.00 - 8	3.00D-8	●	●		X			1415	1090	1415	1285	1090	455	145	16.8	
	3.00D-8	●	●			X	X	1415	1090	1415	1285	1090	455	145	18.4	
	3.25I-8	●	●		X			1415	1090	1415	1285	1090	455	145	17.0	
	3.75-8	●	●		X			1500	1155	1500	1360	1155	455	145	17.5	
	4.25-8	●	●		X			1585	1220	1585	1450	1220	455	145	17.5	
	4.50-8	●	●		X			1585	1220	1585	1450	1220	455	145	17.7	
15x4.5 - 8*	3.00D-8		●				X	X	1040	800	1040	940	800	381	114	49.4
	3.25I-8		●				X		1040	800	1040	940	800	381	114	50.1
16x6 - 8	4.33R-8		●		X				1455	1120	1455	1320	1120	406	152	15.9
	4.33R-8		●			X	X		1455	1120	1455	1320	1120	406	152	17.1
18x7 - 8	4.33R-8	●			X				2145	1650	2145	1950	1650	457	178	20.0
	4.33R-8	●				X	X		2145	1650	2145	1950	1650	457	140	21.6
	4.50-8	●			X				2145	1650	2145	1950	1650	457	178	20.0
18x9 - 8	7.00E-8	●			X			2300	1900	2300	2090	1900	452	216	28.1	
6.00 - 9	4.00E-9	●			X				1885	1450	1885	1710	1450	544	156	27.7
	4.00E-9	●				X	X		1885	1450	1885	1710	1450	544	156	29.1
21x8 - 9	6.00E-9	●			X				2755	2120	2755	2505	2120	528	191	34.9
	6.00E-9	●				X	X		2755	2120	2755	2505	2120	528	191	36.3
21x9 - 9	7.00E-9	●			X				3260	2510	3260	2960	2510	528	208	39.0
6.50 - 10	5.00F-10	●			X				2340	1800	2340	2185	1800	594	175	37.6
	5.00F-10	●				X	X		2340	1800	2340	2185	1800	594	175	39.6
	5.50F-10	●			X				2340	1800	2340	2185	1800	171	575	38.5
7.50 - 10	5.00F-10	●			X				3070	2360	3070	2785	2360	645	201	49.4
	5.50F-10	●			X				3070	2360	3070	2785	2360	645	201	50.1
23x9 - 10	6.50F-10	●			X				3160	2430	3160	2875	2430	577	216	45.4
	6.50F-10	●				X	X		3160	2430	3160	2875	2430	577	216	49.2
200/50 - 10*	6.50F-10	●				X			2470	1900	2470	2240	1900	457	203	25.2
7.00 - 12	5.00S-12	●			X				2920	2240	2920	2640	2240	686	188	49.9
	5.00S-12	●				X	X		2920	2240	2920	2640	2240	686	188	52.9
23x10 - 12	8.00G-12	●			X				3770	2900	3770	3420	2900	579	229	44.0
27x10 - 12	8.00G-12	●				X	X		3900	3000	3900	3540	3000	686	242	73.8
7.00 - 15	5.50-15	●			X				3545	2745	3545	3215	2745	732	203	59.0
7.50 - 15/30"	5.50-15	●			X				3705	2850	3705	3665	2850	762	216	69.4
	6.50-15	●			X				3900	3000	3900	3540	3000	762	216	71.7
7.50 - 15/32"	5.50-15	●			X				3705	2850	3705	3665	2850	813	211	77.1
	5.50-15	●			X				4530	3485	4530	4110	3485	851	231	92.5
	6.50-15	●			X				4750	3650	4750	4300	3650	851	231	94.6
28x9 - 15 (8.15 - 15)	6.50-15	●				X	X		4750	3650	4750	4300	3650	851	231	98.0
	6.50-15	●			X				3150	2425	3150	2870	2425	704	221	56.2
	7.00-15	●			X				3770	2900	3770	3420	2900	704	221	57.1
28x12.5 - 15	7.00-15	●				X	X		3770	2900	3770	3420	2900	704	221	60.9
	9.75-15	●			X				5525	4250	5525	5015	4250	711	305	84.8
250 - 15	7.00-15	●			X				4640	3570	4640	4200	3570	749	234	78.9
	7.00-15	●				X	X		4640	3570	4640	4200	3570	707	213	63.0
	7.50-15	●			X				4640	3570	4640	4200	3570	749	234	80.0
	7.50-15	●				X			4640	3570	4640	4200	3570	707	213	64.0
300 - 15	8.00-15	●			X				5735	4410	5735	5210	4410	826	279	120.6
	8.00-15	●				X	X		5735	4410	5735	5210	4410	807	232	101.0

**RESILIENT TIRES**
**SOFT SHOE® FAMILY**

Size	Rim width	Profile			Soft Shoe®			Load capacity (kg)					Dimension		Weight kg
								Counterbalanced lift trucks up to 25 km/h		Other vehicles (trailers)			Tire	Tire	
								Load wheel	Steering wheel	6 km/h	10 km/h	25 km/h	diam (mm)	width (mm)	
355/65 - 15 (32x12.1 - 15)	9.75-15	●			X			7800	6000	7800	6430	6000	836	298	127.4
6.50 - 16	4.50-16	●			X			2600	2000	2600	2360	2000	749	178	53.1
	5.50F-16	●			X			2600	2000	2600	2360	2000	749	178	53.5
7.50 - 16	5.50F-16	●			X			3950	3050	3950	3600	3050	800	208	73.0
8.00 - 16	5.50F-16	●			X			3950	3050	3950	3600	3050	810	196	80.3
8.25 - 20	5.50-20	●			X			4265	3560	4265	3865	3560	963	218	110.0
	6.50-20	●			X			4400	3675	4400	3990	3675	963	218	110.2
9.00 - 20*	6.50-20	●			X	X		5375	4450	5375	4885	4450	1013	257	136.1
10.00 - 20*	6.50-20	●			X			5840	4865	5840	5290	4865	1041	257	163.5
	8.00-20	●			X	X		6000	5000	6000	5455	5000	1041	257	167.8
12.00 - 20*	8.00-20	●			X	X		7500	6250	7500	6810	6250	1092	291	192.7
	8.50-20	●				X		7500	6250	7500	6810	6250	1092	291	205.0
	10.00-20	●			X	X		8500	7000	8500	7720	7000	1092	342	244.9
38x12 - 20	10.00-20	●			X			6805	5235	6805	6175	5235	963	312	158.3
12.00 - 24**	8.00-24	●			X			7980	6650	7980	7250	6650	1217	327	250.8
	8.50-24	●			X	X		7980	6650	7980	7250	6850	1217	327	262.6
	8.50-24			●		X		7980	6650	7980	7250	6850	1217	321	288.4
	10.00-24	●			X			9000	7500	9000	8200	7500	1217	327	267.6
	10.00-24			●		X		9000	7500	9000	8200	7500	1217	321	294.0
48.5x14 - 24**	11.25-24			●		X		11000	9175	11000	10000	9175	1217	368	350.0
14.00 - 24	8.00-24	●			X			9750	8120	9750	8860	9750	1321	323	316.6
	10.00-24	●			X			11000	9175	11000	10000	9175	1321	323	318.4

**RESILIENT TIRES**
**SOFT SHOE® WIDE**

Size	Rim width	Profile			Soft Shoe®			Load capacity (kg)					Dimension		Weight kg
								Counterbalanced lift trucks up to 25 km/h		Other vehicles (trailers)			Tire	Tire	
								Load wheel	Steering wheel	6 km/h	10 km/h	25 km/h	diam (mm)	width (mm)	
9.00 - 20	6.50-20	●			X			5375	4450	5375	4885	4450	1006	239	147.4
10.00 - 20	6.50-20			●	X			5840	4865	5840	5290	4865	1054	257	186.8
	8.00-20			●	X			6000	5000	6000	5455	5000	1054	257	191.4
	8.00-20	●			X			6000	5000	6000	5455	5000	1054	262	189.6
12.00 - 20	8.00-20	●			X			7500	6250	7500	6810	6250	1090	274	217.7
12.00 - 24*	10.00-24	●			X	X		9000	7500	9000	8200	7500	1217	300	294.8
14.00 - 24*	10.00-24	●			X	X		11000	9175	11000	10000	9175	1334	373	430.8
14.00 - 25*	10.00-24	●			X	X		11800	9825	11800	11595	9825	1334	373	420.0
16.00 - 25*	11.25-25	●			X	X		15000	12500	15000	13600	12500	1461	406	589.6

The sizes available in E-class and marked with an asterisk (\*) are produced in the USA

The sizes available in E-class and marked with two asterisks (\*\*) are produced in the USA & Belgium

All other sizes available in E-class are produced in Sri Lanka

# MONARCH CUSHION TIRES

**SPECIAL COMPOUNDS:**



**NON-MARKING** – Doesn't leave black tire marks on any surface. High Performance tire.



**LION®** – For heavier loads – 25% greater carrying capacity. Improves steer tire performance and increased stability.



**OIL RESISTANT™** – Best resistance to petrochemicals, animal fats and other non-chlorinated fluids.



**FIBERGLASS** – Resists cuts and cut growth. Provides good stability and good rolling.

**SPECIAL ORDER** – Various compounds are available upon request.

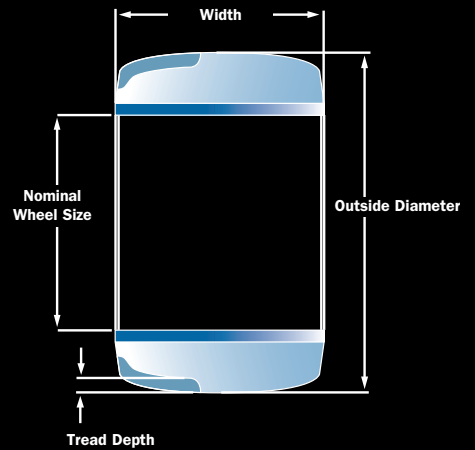
**PRESS-ON SIZES AND DIMENSIONS**

Press-on tires have two designations.

The outside diameter is simply the largest diameter of the tire. The width is the dimension of the widest part of the tire. This will always be the width of the steel band. The inside diameter is actually the nominal diameter of the wheel for which the tire is designed. The tire will always be slightly smaller than the nominal inside diameter shown as part of the tire size. This insures that the tire will mount correctly on standard sized wheels.

22	x	9	x	16
outside diameter		width		inside diameter
inch		inch		inch

405	x	130	-	305
outside diameter		width		inside diameter
mm		mm		mm





**NON-SKID**



**PLAIN**



**MONO GRIP**



# MONO CUSHION® FAMILY

## PRESS-ON TIRES

Size in inch	Size in mm	Profile		Load capacity (kg) Forklift truck up to 10 km/h		Shipping Weight (kg)	
		Non-Skid	Plain	Load wheel	Steer wheel	Plain	Non-Skid
8½x4x4	216 x 102 - 102		●	700	575	4.3	
8x4½x4½	203 x 114 - 114		●	700	575	4.3	
9x5x5	229 x 127 - 127		●	960	790	5.9	
10x4x5	254 x 102 - 127		●	730	600	5.9	
10½x5x5	267 x 127 - 127	●	●	1100	900	7.3	7.3
10½x6x5	267 x 152 - 127	●		1400	1150	8.6	
10x3½x6	254 x 89 - 152		●	610	500	5.0	
10x3x6¼	254 x 76 - 159		●	500	415	4.1	
10x4x6¼	254 x 102 - 159		●	780	640	5.9	
10x6x6¼	254 x 152 - 159		●	1270	1040	8.6	
10x7x6¼	254 x 178 - 159		●	1405	1155	10.4	
10x4x6½	254 x 102 - 165		●	780	640	5.4	
10x5x6½	254 x 127 - 165		●	1015	835	7.3	
10½x5x6½	267 x 127 - 165	●		1070	880		7.3
10½x5x6½	267 x 127 - 165		●	1070	880	7.7	
10½x6x6½	267 x 152 - 165		●	1340	1100	9.3	
10½x7x6½	267 x 178 - 165		●	1600	1315	10.9	
12x3½x8	305 x 89 - 203		●	760	620	6.4	
12x4x8	305 x 102 - 203		●	905	740	7.5	
12x4½x8	305 x 114 - 203		●	1040	855	8.2	
12x5½x8	305 x 140 - 203		●	1235	1015	10.4	
12x6½x8	305 x 165 - 203		●	1500	1235	12.3	
13x3½x8	330 x 89 - 203	●	●	865	710	7.3	6.8
13x4½x8	330 x 114 - 203	●	●	1120	920	9.5	9.1
13½x4½x8	343 x 114 - 203	●	●	1150	940	9.4	8.9
13½x5½x8	343 x 140 - 203		●	1510	1240	12.7	
13½x5½x8	343 x 140 - 203	●	●	1510	1240	12.3	11.8
13½x6½x8	343 x 165 - 203	●	●	1870	1540	15.0	15.0
14x4½x8	356 x 114 - 203	●	●	1170	960	12.7	10.2
14x5x10	356 x 127 - 254	●	●	1240	1020	11.3	10.0
15½x5x10	394 x 127 - 254	●	●	1470	1210	3.6	12.7
15½x6x10	394 x 152 - 254	●	●	1870	1530	5.9	15.4
16x4½x10½	406 x 114 - 267	●	●	1300	1070		12.3
16x5x10½	406 x 127 - 267	●	●	1510	1240	14.1	14.1
16x6x10½	406 x 152 - 267	●	●	1910	1570	16.8	16.8
16x7x10½	406 x 178 - 267	●	●	2325	1910	20.2	19.1
	405 x 130 - 305		●	1510	1240	14.5	
15x3½x11¼	381 x 89 - 286		●	890	730	8.4	
15x4x11¼	381 x 102 - 286		●	990	815	10.0	
15x5x11¼	381 x 127 - 286	●	●	1390	1140	12.2	11.8
15x6x11¼	381 x 152 - 286	●	●	1715	1410	14.5	14.5
15x7x11¼	381 x 178 - 286		●	2055	1690	17.2	
15x8x11¼	381 x 203 - 286		●	2385	1960	20.2	
15x9x11¼	381 x 229 - 286		●	2525	2080	21.3	
16¼x4x11¼	413 x 102 - 286	●	●	1155	950		10.9
16¼x5x11¼	413 x 127 - 286	●	●	1530	1250	14.1	14.1
16¼x6x11¼	413 x 152 - 286	●	●	1920	1580	17.2	16.8
16¼x7x11¼	413 x 178 - 286	●	●	2325	1900	20.9	19.1
16x3½x12	406 x 89 - 305		●	865	710	10.0	

LOW PROFILE

MONO-CUSHION

# MONO CUSHION® FAMILY

## PRESS-ON TIRES

Size in inch	Size in mm	Profile		Load capacity (kg) Forklift truck up to 10 km/h		Shipping Weight (kg)	
		Non-Skid	Plain	Load wheel	Steer wheel	Plain	Non-Skid
16x4 <sup>1</sup> / <sub>2</sub> x12	406 x 114 - 305		●	1200	985	12.7	
16x3 <sup>1</sup> / <sub>2</sub> x12 <sup>1</sup> / <sub>8</sub>	406 x 89 - 308		●	865	710	9.1	
16x4x12 <sup>1</sup> / <sub>8</sub>	406 x 102 - 308		●	1120	920	10.9	
17x4 <sup>1</sup> / <sub>2</sub> x12 <sup>1</sup> / <sub>8</sub>	432 x 114 - 308	●		1370	1130		12.7
17x5x12 <sup>1</sup> / <sub>8</sub>	432 x 127 - 308		●	1570	1290	15.9	
17x6x12 <sup>1</sup> / <sub>8</sub>	432 x 152 - 308	●	●	1980	1630	18.6	18.1
17x7x12 <sup>1</sup> / <sub>8</sub>	432 x 178 - 308	●		2390	1965		21.3
17 <sup>3</sup> / <sub>4</sub> x6x12 <sup>1</sup> / <sub>8</sub>	451 x 152 - 308	●		2000	1645		19.1
18x5x12 <sup>1</sup> / <sub>8</sub>	457 x 127 - 308	●	●	1640	1350	16.8	16.3
18x6x12 <sup>1</sup> / <sub>8</sub>	457 x 152 - 308	●	●	2100	1720	20.4	20.0
18x7x12 <sup>1</sup> / <sub>8</sub>	457 x 178 - 308	●	●	2550	2100	23.1	24.5
18x8x12 <sup>1</sup> / <sub>8</sub>	457 x 203 - 308	●	●	3000	2475	27.2	27.2
18x8x12 <sup>1</sup> / <sub>8</sub>	457 x 203 - 308		●	3000	2475	28.1	
18x9x12 <sup>1</sup> / <sub>8</sub>	457 x 229 - 308	●	●	3450	2850	31.1	28.6
18x5x14	457 x 127 - 356		●	1495	1230	17.2	
18x7x14	457 x 178 - 356		●	2220	1830	23.6	
18x8x14	457 x 203 - 356		●	2780	2285	25.4	
18x9x14	457 x 229 - 356		●	3180	2610	27.7	
20x8x15	508 x 203 - 381		●	3180	2610	30.8	
20x9x15	508 x 229 - 381		●	3650	3000	34.9	
21x5x15	533 x 127 - 381		●	1840	1510	20.0	
21x5x15	533 x 127 - 381	●		1840	1510		18.6
21x6x15	533 x 152 - 381	●	●	2350	1930	24.7	24.0
21x7x15	533 x 178 - 381	●	●	2875	2350	29.0	28.1
21x8x15	533 x 203 - 381	●	●	3375	2775	33.6	31.8
21x9x15	533 x 229 - 381	●	●	3900	3200	39.0	35.2
20x4x16	508 x 102 - 406	●	●	1225	1010	13.4	13.2
20x6x16	508 x 152 - 406	●	●	2160	1775	21.3	20.4
20x7x16	508 x 178 - 406	●	●	2595	2135	25.0	24.0
20x8x16	508 x 203 - 406	●	●	3010	2470	28.9	27.2
20x9x16	508 x 229 - 406	●	●	3445	2830	31.8	30.9
22x4 <sup>1</sup> / <sub>2</sub> x16	559 x 114 - 406	●		1640	1350		18.6
22x5x16	559 x 127 - 406	●		1910	1570		21.3
22x6x16	559 x 152 - 406	●		2450	2000		25.9
22x7x16	559 x 178 - 406	●	●	2975	2450	31.3	29.9
22x8x16	559 x 203 - 406	●	●	3500	2875	34.9	33.6
22x9x16	559 x 229 - 406	●	●	4050	3325	40.4	37.2
22x10x16	559 x 254 - 406		●	4575	3750	46.3	
22x12x16	559 x 305 - 406		●	5625	4625	56.7	
22x12x16	559 x 305 - 406		●	5625	4625	51.7	
22x14x16	559 x 356 - 406		●	6675	5495	75.8	
22x4 <sup>1</sup> / <sub>2</sub> x17 <sup>3</sup> / <sub>4</sub>	559 x 114 - 451	●	●	1540		19.7	19.1
22x6x17 <sup>3</sup> / <sub>4</sub>	559 x 152 - 451	●		2355	1935		25.9
22x7x17 <sup>3</sup> / <sub>4</sub>	559 x 178 - 451		●	2615	2150	31.8	
22x8x17 <sup>3</sup> / <sub>4</sub>	559 x 203 - 451	●	●	3280	2695	34.9	34.0
22x10x17 <sup>3</sup> / <sub>4</sub>	559 x 254 - 451		●	3915	3220	44.9	
23 <sup>3</sup> / <sub>4</sub> x8x17 <sup>3</sup> / <sub>4</sub>	603 x 203 - 451	●		3600	2965		39.5
24x3 <sup>1</sup> / <sub>2</sub> x20	610 x 89 - 508		●	1180	970	17.7	
24x4x20	610 x 102 - 508		●	1405	1155	19.5	
26x5x20	660 x 127 - 508	●		2160	1775		26.8
26x7x20	660 x 178 - 508	●		3375	2775		39.5
28x10x22	711 x 254 - 559	●	●	5470	4495	69.4	69.4
28x12x22	711 x 305 - 559	●	●	6760	5545	83.9	83.9
28x14x22	711 x 356 - 559		●	7455	6135	95.7	
28x16x22	711 x 406 - 559		●	8635	7105	108.9	
27 <sup>3</sup> / <sub>4</sub> x4 <sup>1</sup> / <sub>2</sub> x23 <sup>1</sup> / <sub>2</sub>	705 x 114 - 597		●	1775	1460	26.5	
36x12x30	914 x 305 - 762		●	7565	6225	116.1	
36x16x30	914 x 406 - 762		●	9225	7595	147.5	




**NON-SKID**

**PLAIN**

**MONO GRIP**


# MONO GRIP® WIDE

## PRESS-ON TIRES

Size in inch	Size in mm	Profile	Load capacity (kg) Forklift truck up to 10 km/h		Shipping Weight (kg)
			Load wheel	Steer wheel	Mono-Grip
13x4 <sup>1</sup> / <sub>2</sub> x8	330 x 114 - 203	●	1120	920	10.0
14x4 <sup>1</sup> / <sub>2</sub> x8	356 x 114 - 203	●	1170	960	12.3
16x5x10 <sup>1</sup> / <sub>2</sub>	406 x 127 - 267	●	1510	1240	13.6
16x6x10 <sup>1</sup> / <sub>2</sub>	406 x 152 - 267	●	1910	1570	17.7
16x7x10 <sup>1</sup> / <sub>2</sub>	406 x 178 - 267	●	2325	1910	20.4
16 <sup>3</sup> / <sub>4</sub> x4x11 <sup>1</sup> / <sub>4</sub>	413 x 102 - 286	●	1155	950	11.8
16 <sup>3</sup> / <sub>4</sub> x5x11 <sup>1</sup> / <sub>4</sub>	413 x 127 - 286	●	1530	1250	14.5
16 <sup>3</sup> / <sub>4</sub> x6x11 <sup>1</sup> / <sub>4</sub>	413 x 152 - 286	●	1920	1580	17.7
16 <sup>3</sup> / <sub>4</sub> x7x11 <sup>1</sup> / <sub>4</sub>	413 x 178 - 286	●	2325	1900	20.6
18x6x12 <sup>1</sup> / <sub>8</sub>	457 x 152 - 308	●	2100	1720	20.9
18x7x12 <sup>1</sup> / <sub>8</sub>	457 x 178 - 308	●	2550	2100	25.4
18x8x12 <sup>1</sup> / <sub>8</sub>	457 x 203 - 308	●	3000	2475	27.9
18x9x12 <sup>1</sup> / <sub>8</sub>	457 x 229 - 308	●	3450	2850	31.8
21x6x15	533 x 152 - 381	●	2350	1930	25.9
21x7x15	533 x 178 - 381	●	2875	2350	30.2
21x8x15	533 x 203 - 381	●	3375	2775	34.7
21x9x15	533 x 229 - 381	●	3900	3200	38.6
22x6x16	559 x 152 - 406	●	2450	2000	28.1
22x7x16	559 x 178 - 406	●	2975	2450	31.8
22x8x16	559 x 203 - 406	●	3500	2875	36.8
22x9x16	559 x 229 - 406	●	4050	3325	41.3



**MONO-THANE® CROWN SMOOTH**



**MONO-THANE® SMOOTH**



**MONO-THANE® GROOVED**

# MONO THANE®

## PRESS-ON TIRES

Size in inch	Size in mm	Available profile			Load capacity (kg) Forklift truck up to 10 km/h	Shipping Weight (kg)
		CS	SM	G		
8x4 <sup>1</sup> / <sub>2</sub> x4 <sup>1</sup> / <sub>2</sub>	203 x 114 - 114		●	●	1102	5.7
9x5x5	229 x 127 - 127	●	●		1370	5.9
10x4x5	254 x 102 - 127		●		1125	5.0
10 <sup>1</sup> / <sub>2</sub> x5x5	267 x 127 - 127	●	●	●	1574	8.0
10 <sup>1</sup> / <sub>2</sub> x6x5	267 x 152 - 127	●	●	●	1995	9.3
10x3 <sup>1</sup> / <sub>2</sub> x6	254 x 89 - 152	●	●		943	5.2
8x4x6 <sup>1</sup> / <sub>4</sub>	203 x 102 - 159	●	●		771	3.9
10x3x6 <sup>1</sup> / <sub>4</sub>	254 x 76 - 159	●	●		766	4.1
10x4x6 <sup>1</sup> / <sub>4</sub>	254 x 102 - 165		●	●	1116	5.7
10x5x6 <sup>1</sup> / <sub>4</sub>	254 x 127 - 165	●	●		1483	7.0
10x6x6 <sup>1</sup> / <sub>4</sub>	257 x 152 - 165		●	●	1814	8.6
10x7x6 <sup>1</sup> / <sub>4</sub>	254 x 178 - 159	●	●		2163	10.0
10x4x6 <sup>1</sup> / <sub>2</sub>	254 x 102 - 165	●	●	●	1129	5.4
10x5x6 <sup>1</sup> / <sub>2</sub>	254 x 127 - 165	●	●	●	1447	7.3
10 <sup>1</sup> / <sub>2</sub> x5x6 <sup>1</sup> / <sub>2</sub>	267 x 127 - 165	●	●	●	1533	7.7
10 <sup>1</sup> / <sub>2</sub> x6x6 <sup>1</sup> / <sub>2</sub>	267 x 152 - 165	●	●	●	1905	9.3
10 <sup>1</sup> / <sub>2</sub> x7x6 <sup>1</sup> / <sub>2</sub>	267 x 178 - 165		●	●	2286	11.6
10x3 <sup>1</sup> / <sub>2</sub> x8	254 x 89 - 203		●		830	4.8
10x4 <sup>1</sup> / <sub>2</sub> x8	305 x 114 - 203		●		1088	6.1
10 <sup>1</sup> / <sub>2</sub> x3x8	267 x 76 - 203		●		789	4.5
10 <sup>1</sup> / <sub>2</sub> x3 <sup>1</sup> / <sub>2</sub> x8	267 x 89 - 203		●		952	5.2
10 <sup>1</sup> / <sub>2</sub> x4 <sup>1</sup> / <sub>2</sub> x8	267 x 114 - 203		●		1279	7.3
12x3 <sup>1</sup> / <sub>2</sub> x8	305 x 89 - 203		●		1084	6.3
12x4x8	305 x 102 - 203		●		1288	7.9
12x4 <sup>1</sup> / <sub>2</sub> x8	305 x 114 - 203		●	●	1497	8.6
12x5 <sup>1</sup> / <sub>2</sub> x8	305 x 140 - 203		●		1905	10.7
13x3 <sup>1</sup> / <sub>2</sub> x8	330 x 89 - 203		●		1125	7.0
13x4 <sup>1</sup> / <sub>2</sub> x8	330 x 114 - 203		●	●	1605	9.8
13x5 <sup>1</sup> / <sub>2</sub> x8	330 x 140 - 203		●		2082	11.6
13 <sup>1</sup> / <sub>2</sub> x4 <sup>1</sup> / <sub>2</sub> x8	343 x 114 - 203		●	●	1642	13.0
13 <sup>1</sup> / <sub>2</sub> x5 <sup>1</sup> / <sub>2</sub> x8	343 x 140 - 203		●	●	2150	13.8
14x4 <sup>1</sup> / <sub>2</sub> x8	356 x 114 - 203		●	●	1669	11.3
14x4x10	356 x 102 - 254		●		1447	10.7
12 <sup>1</sup> / <sub>2</sub> x3x10	-		●		880	6.3
15 <sup>1</sup> / <sub>2</sub> x5x10	394 x 127 - 254		●	●	2104	13.6
15 <sup>1</sup> / <sub>2</sub> x6x10	394 x 152 - 254		●	●	2667	20.4
16x4 <sup>1</sup> / <sub>2</sub> x10 <sup>1</sup> / <sub>2</sub>	406 x 114 - 267		●		1864	13.8
16x5x10 <sup>1</sup> / <sub>2</sub>	406 x 127 - 267	●	●	●	2159	15.2
16x6x10 <sup>1</sup> / <sub>2</sub>	406 x 152 - 167	●	●	●	2739	17.2
16x7x10 <sup>1</sup> / <sub>2</sub>	406 x 178 - 267		●	●	3320	20.0
15x3 <sup>1</sup> / <sub>2</sub> x 11 <sup>1</sup> / <sub>4</sub>	301 x 89 - 286		●		1279	9.3
15x5x11 <sup>1</sup> / <sub>4</sub>	381 x 127 - 286		●		1991	12.5
15x6x11 <sup>1</sup> / <sub>4</sub>	381 x 152 - 286		●	●	2467	15.0
15x7x11 <sup>1</sup> / <sub>4</sub>	381 x 178 - 286		●	●	2939	17.9
15x8x11 <sup>1</sup> / <sub>4</sub>	381 x 203 - 286		●	●	3415	20.2
15x9x11 <sup>1</sup> / <sub>4</sub>	381 x 229 - 286		●	●	3946	21.5
161/4x4x11 <sup>1</sup> / <sub>4</sub>	413 x 102 - 286		●		1615	11.1
161/4x5x11 <sup>1</sup> / <sub>4</sub>	413 x 127 - 286		●	●	2177	14.3
161/4x6x11 <sup>1</sup> / <sub>4</sub>	413 x 152 - 259		●		2744	17.7
161/4x7x11 <sup>1</sup> / <sub>4</sub>	413 x 178 - 286		●	●	3333	20.2
17x4 <sup>1</sup> / <sub>2</sub> x12 <sup>1</sup> / <sub>8</sub>	432 x 114 - 308		●		1950	15.2
17x5x12 <sup>1</sup> / <sub>8</sub>	432 x 127 - 308		●	●	2254	14.7
18x5x12 <sup>1</sup> / <sub>8</sub>	457 x 127 - 308		●	●	2345	17.2
18x6x12 <sup>1</sup> / <sub>8</sub>	457 x 152 - 308		●	●	2998	20.4
18x7x12 <sup>1</sup> / <sub>8</sub>	457 x 178 - 308		●	●	3646	24.5
18x8x12 <sup>1</sup> / <sub>8</sub>	457 x 203 - 308		●	●	4295	28.1
18x9x12 <sup>1</sup> / <sub>8</sub>	457 x 229 - 308		●	●	4943	32.0
18x4x14	457 x 102 - 356		●	●	1746	14.3
18x5x14	457 x 127 - 356		●	●	2299	16.8
18x7x14	457 x 178 - 356		●	●	3415	22.2
21x5x15	533 x 127 - 381		●	●	2635	22.7
21x6x15	533 x 152 - 381		●	●	3388	27.0
21x7x15	533 x 178 - 381		●		4100	29.2
21x8x15	533 x 203 - 381		●		4839	33.6
21x9x15	533 x 229 - 381		●	●	5574	37.9
20x5x16	508 x 127 - 406		●	●	2485	18.6

**PRESS-ON TIRES**
**MONO THANE®**

Size in inch	Size in mm	Available profile			Load capacity (kg) Forklift truck up to 10 km/h	Shipping Weight (kg)
		CS	SM	G		
20x6x16	508 x 152 - 406		●		3102	22.9
20x7x16	508 x 178 - 406		●	●	3696	27.0
20x8x16	508 x 203 - 406		●	●	4308	29.9
20x9x16	508 x 229 - 406		●		4898	33.3
22x5x16	559 x 127 - 406		●	●	2726	18.1
22x6x16	559 x 152 - 406		●	●	3565	28.8
22x7x16	559 x 178 - 406		●	●	4245	33.6
22x8x16	559 x 203 - 406		●	●	5007	37.2
22x9x16	559 x 229 - 406		●	●	5769	39.9
22x10x16	559 x 254 - 406		●	●	6531	46.3
22x12x16	559 x 305 - 406		●	●	8054	55.8
22x14x16	559 x 356 - 406		●	●	9574	74.8
22x16x16	559 x 406 - 406		●	●	11098	84.6
22x4 <sup>1</sup> / <sub>2</sub> x17 <sup>3</sup> / <sub>4</sub>	559 x 114 - 451		●	●	2354	21.8
22x6x17 <sup>3</sup> / <sub>4</sub>	559 x 152 - 451			●	3320	28.1
22x7x17 <sup>3</sup> / <sub>4</sub>	559 x 178 - 451		●	●	3964	32.0
22x8x17 <sup>3</sup> / <sub>4</sub>	559 x 203 - 451			●	4612	36.3
22x10x17 <sup>3</sup> / <sub>4</sub>	559 x 254 - 451			●	5905	47.4
28x7x22	711 x 178 - 559		●		5093	47.6
28x8x22	711 x 203 - 559		●	●	5991	57.6
28x10x22	711 x 254 - 559		●	●	7823	62.6
28x12x22	711 x 305 - 559		●	●	9651	83.4
28x14x22	711 x 356 - 559		●	●	11474	97.3
28x16x22	711 x 406 - 559			●	13297	105.2
36x8x30	914 x 203 - 762			●	7256	77.6
36x9x30	914 x 229 - 762			●	8345	81.6
36x10x30	914 x 254 - 762			●	9451	90.9
36x12x30	914 x 305 - 762			●	11651	105.2
36x14x30	914 x 356 - 762		●	●	13850	125.2
36x16x30	914 x 406 - 762			●	16054	146.9

CS = CROWNED SMOOTH

SM = SMOOTH

G = GROOVED

