

MARTIN WHEEL DIVISION

PRODUCT CATALOG

KENDA
TIRES

Designed for Your Journey



KENDA

MARTIN WHEEL DIVISION

COMPLETE LINE

Martin Wheel is a leading manufacturer of industrial wheels and components, serving the outdoor power equipment, boat and utility trailer, material handling and golf cart industries. Professionals and ultimately the end consumers rely on our wheels and components to support their business and personal mobile equipment requirements.

With thousands of different types of tires and wheels, Martin Wheel is a one-stop-solution that offers its customers a single source of high quality wheels and tires. In almost every application, our tires are designed in the USA and produced in our own tire factories located around the world through our parent company, Kenda Tire. This guarantees consistency in specifications, which supports the design capabilities of the end product for optimum use. Even in rare cases where production of tires may be outsourced, our engineers design, monitor, and control all quality aspects, meeting and exceeding the customer's expectations.

Martin manufactured wheels include a full range of slow-speed and high-speed pneumatic wheels, as well as semi-pneumatic and polyurethane flat-free wheels. This broad scope of capabilities provide convenience and expertise in working with customers' product development teams, helping them realize the best tire/wheel application for their products.

Products for which Martin Wheel currently manufactures wheels include zero-turn mowers, garden tractors, lawn mowers, blowers, boat and utility trailers, campers, golf carts, hand trucks, log splitters, wheelbarrows, material handling equipment, snow throwers, spreaders and a myriad of industrial and agricultural uses.

At Martin Wheel our only job is to design, engineer and manufacture wheels for professionals.

QUALITY CONTROL

Our high standards ensure that our products are of the highest possible quality, maximizing the performance of end products.

As part of the Kenda Family, Martin Wheel takes pride in understanding that product quality cannot be "inspected-in"; it must be "built-in" during design, and every step, all the way through packaging. Product quality is a reflection of each staff member and monitored throughout the manufacturing and assembly process, which maintains our ISO 9001 certification standards.

Because of our attitude towards continuous inspection and testing, Martin Wheel is confident that it can supply the best available wheels to support our customers' products; that adds value to their good name and brand reputation.

MANUFACTURING CAPABILITIES

SLOW SPEED WHEELS

Slow speed wheels are offered in three rim styles:



One-piece drop center



Two-piece integral bolted



Three-piece bolted with separate hub

Whether one, two or three-piece designs, your choice of Martin Wheel slow-speed pneumatic wheels should be based on needed load capacities as well as improved rollability due to greater height and width ratios. Pneumatic wheels can provide smoother rolling over rough or uneven surfaces, cushion heavy loads over bumpy terrain or secure better stability and flotation on soft or wet surfaces. Various designs offered by Martin Wheel will compliment your product's intended use.

From agricultural equipment to go-karts, from lawn and garden equipment to hand trucks, from wheelbarrows to pressure washers, many professional products ride on quality Martin wheels and Kenda tires.

SEMI-PNEUMATIC SLOW SPEED WHEELS

Martin Wheel semi-pneumatic industrial wheels are designed for medium to heavy duty applications and offer the added assurance of being puncture proof.



Like the slow speed pneumatic wheels, Martin Wheel semi-pneumatic wheels are available in one, two and three piece styles. Sizes range in tire diameters from 6" to 16" and come in a variety of tread designs such as smooth, rib and staggered gear.

Today, many leading manufacturers of casters, hand trucks and zero-turn and riding mowers depend on the performance capabilities of Martin Wheel semi-pneumatic industrial wheels.

POLYURETHANE FLAT-FREE SLOW-SPEED WHEELS

Martin Wheel flat-free wheels are designed for light to medium duty applications. Similar to our semi-pneumatic tires, the polyurethane flat-free tires are puncture proof, however product construction differs slightly with this type of tire design. These tires are made of polyurethane and are solid, with no void in the center, helping to keep professionals moving on the job with no downtime.



Our flat-free wheels are also available in one, two and three piece styles. Sizes range in tire diameters from 6" to 16" and come in a variety of tread designs such as smooth, sawtooth, traction, and staggered-gear providing the best option for performance.

DRIVE WHEELS

Drive wheels are unique to each application and customer and must receive special attention and care to assure that specifications are exact. Kenda's attention to every detail of construction of drive wheels assures proper fitment and the finest quality available.



Drive wheels are available in pneumatic, semi-pneumatic, flat free, and foam fill designs; in one or three piece rim styles; in pulley, sprocket, keyway, pin hole, notched and 4 or 5 hole configurations.

Drive wheels put the "Go" in commercial spreaders and lawn mowers, go-carts and many other products where precision-built drive wheels are required.

GENERAL PURPOSE WHEELS

Martin also stocks a full assortment of light and heavy duty wheels ideal for lawn and garden, industrial and general purpose use. We offer a wide range of standard or unique wheel options.



SPECIFICATIONS

The charts on the following pages provide the basic information needed to select the proper rim for most applications.

When choosing the correct rim careful consideration must be given to application, proper tire fit, load capacity, and axle length.

Variations in hub dimensions are usually available to meet special circumstances. Custom configurations are also available (minimum order requirements apply). Consult our trained sales staff for assistance in making the correct choice.

AVAILABLE OPTIONS FOR SLOW-SPEED PNEUMATIC ASSEMBLIES (CUSTOM CONFIGURATIONS ALSO AVAILABLE)

RIM DIAMETER	RIM WIDTH (inches)	HUBS W/ BALL BEARING OR BUSHINGS	HUBS W/ ROLLER BEARINGS	HUBS W/ TAPERED ROLLER BEARINGS	HUBS W/ KEYWAY
ONE-PIECE DROP CENTER					
4"	2.125 2.75	2.25 OF, 3 CTD, 3.25 OF, 4 CTD	-	-	-
5"	3	3 OF	-	-	-
6"	2.5 3.25 4.5	3 CTD, 4 CTD, 6 CTD 3 CTD, 3.25 OF, 6 CTD 3.25 OF	-	-	-
8"	2.5 3.75 5.375 7	3 CTD, 4 CTD, 6 CTD 3 CTD, 4 CTD, 6 CTD 3 OF, 4 OF 3 OF, 4 OF	3 CTD, 4 CTD, 6 CTD 3 CTD, 4 CTD, 6 CTD 3 CTD, 4 CTD, 6 CTD 3.25 CTD	-	-



ONE PIECE
DROP CENTER

TWO-PIECE INTEGRAL BOLTED (FOR PNEUMATIC TIRES ONLY)					
4"	2.5	2.125 CTD	-	-	-
5"	2.75	2.25 CTD	-	-	-
6"	3.25	2.625 CTD	-	-	-



TWO-PIECE
INTEGRAL BOLTED

THREE-PIECE BOLTED W/ SEPARATE HUB (FOR PNEUMATIC, SEMI-PNEUMATIC AND POLYURETHANE TIRES)					
4"	2.125, 2.75	2 OF, 2.25 OF, 2.5 CTD, 3 CTD, 3.25 OF & CTD, 3.5 CTD, 4 CTD, 6 CTD	2 OF, 2.25 OF, 2.5 CTD, 3 CTD, 3.25 OF & CTD, 3.5 CTD, 4 CTD, 6 CTD	3 OF, 3 CTD, 4 CTD	3 CTD
5"	2.75				
6"	3.25, 4.375				



THREE-PIECE BOLTED
W/ SEPARATE HUB

AVAILABLE OPTIONS FOR SEMI-PNEUMATIC ASSEMBLIES

TIRE SIZE (inches)	OFFSET HUBS (inches)	CENTERED HUBS (inches)
THREE-PIECE BOLTED W/ SEPARATE HUB		
8.25x2.75	2, 2.25, 3.25	2.5, 3, 3.25, 3.5, 4, 6
10x2.75	2, 2.25, 3.25	2.5, 3, 3.25, 3.5, 4, 6
10.50x3.50	2, 2.25, 3.25	2.5, 3, 3.25, 3.5, 4, 6
DROP CENTER (FOR ZERO TURN MOWERS)		
9x350-4	-	3.25, 4, 4.5
11x400-5	-	5
11x600-6	-	6
13x500-6	-	3.25, 5.625, 6
13x650-6	-	3.75, 7.25
15x600-6	-	7.25



ONE-PIECE DROP CENTER



THREE PIECE BOLTED

BEARINGS

Our Wheels can be supplied with a wide variety of bearing styles. Each style has its own unique purpose and should be discussed with a Kenda/Martin Wheel Sales Representative to determine proper fit and application.

Ball Bearing

- Ideal for slow speed applications, maintenance-free long life to most wheel assemblies.
- Designed to provide smooth rolling
- Also available in precision sealed ball bearing, precision flanged ball bearing
- Available in 1/2", 5/8", 3/4", 1" and 25mm bores



Grafoil Bushing

- For slow speed applications
- Made of oil impregnated powdered iron
- Ideal where applications encounter dirt, sand or grit
- Available in 1/2", 5/8", 3/4", 7/8" and 1" bores



Open Cage Roller Bearing

- For use where the wheel is subjected to shock and heavy loads
- Made of hardened rollers
- Available in 1/2", 5/8", 3/4", 7/8", 1" and 1-1/4" bores



Tapered Cup and Cone Bearing

- For high speed and slow speed, heavy load applications
- Available in 3/4" and 1" bores





K352 Stud



K502 Terra Trac



K358 Turf Rider



K367 Grasshopper



K507



K516



K505 Turf 505



K513 Commercial Turf



K401 Rib



K404 Smooth



K472 Chevron Bar



K500 Super Turf



K353A Sawtooth



K506



K372 Turf Maxx



K375 Turf Boss



K382 Turf Pro



K398 Polar Trac

KENDA TIRES



K389 Hole-N-1



K399 Pro Tour



K284 Front Max



K290 Scorpion



K299 Bear Claw



K530 Pathfinder



K537 Bounty Hunter



KR20A



K3005R

Recommended Rim Size	Tire Size	Tread	Ply Rating	Max Load (Lbs)	Outside Diameter (Inch)	Section Width (Inch)	Max PSI	Type	Shipping Weight (Lbs)	Part Number
8 INCH OUTSIDE DIAMETER										
4x1.875, 4x2.125	8x300-4	K404	4	175	8.5	3.0	60	Tubeless	1.4	8304-4SM-I
9 INCH OUTSIDE DIAMETER										
4x1.875, 4x2.125	280/350-4	K276	4	295	9.0	2.6	50	Tube-Type	1.2	284-4SW-I
4x1.875, 4x2.125	280/250-4	K276	4	295	9.0	2.6	50	Tubeless	1.2	284-4SWL-I
4x2.75	9x350-4	K372	4	230	9.0	3.7	50	Tubeless	2.0	9354-4TR-I
4x2.75	9x350-4	K404	4	230	9.0	3.7	50	Tubeless	2.2	9354-4SM-I
10 INCH OUTSIDE DIAMETER										
4x2.125, 4x2.75	410/350-4	K352	2	260	10.4	3.4	30	Tube-Type	2.0	354-2ST-I
4x2.125, 4x2.75	410/350-4	K352	4	350	10.4	3.4	50	Tubeless	2.3	354-4STL-I
4x2.125, 4x2.75	410/350-4	K353A	4	350	10.4	3.4	50	Tubeless	2.3	354-4SWL-I
4x2.125, 4x2.75	410/350-4	K353A	6	370	10.4	3.4	75	Tubeless	2.5	354-6SWL-I
4x2.125, 4x2.75	410/350-4	K358	2	260	10.4	3.9	30	Tubeless	2.4	354-2TR-I
4x2.125, 4x2.75	410/350-4	K500	4	354	10.4	3.7	50	Tubeless	2.1	354-4TF-I
11 INCH OUTSIDE DIAMETER										
4x2.125, 4x2.75	410/350-4	K398A	2	210	11.1	3.5	20	Tubeless	2.3	354-2STT-I
4x2.75	11x400-4	K500	4	330	10.7	3.9	46	Tubeless	2.6	404-4TF-I
4x2.75	11x400-4	K358	2	215	11.0	4.0	24	Tubeless	2.7	404-2TR-I
5x3	410/350-5	K352	4	395	11.5	3.5	50	Tubeless	2.8	355-4STL-I
5x3	410/350-5	K353A	2	255	11.5	3.4	24	Tube-Type	2.5	355-4SWW-I
5x3	410/350-5	K353A	4	395	11.5	3.4	50	Tubeless	2.8	355-4SWL-I
5x3	11x400-5	K358	2	210	10.7	3.7	22	Tubeless	2.6	405-2TR-I
5x3	11x400-5	K401	2	210	10.7	3.7	22	Tubeless	2.6	405-2R-I
5x3	11x400-5	K401	4	325	10.7	3.9	46	Tubeless	2.8	405-4R-I
5x3	11x400-5	K500	4	325	10.9	3.9	46	Tubeless	2.6	405-4TF-I
5x3	11x400-5	K404	4	325	11.2	3.9	46	Tubeless	2.9	405-4SM-I
5x3	11x600-5	K404	4	440	11.3	5.0	42	Tubeless	3.2	605-4SM-LG-I
12 INCH OUTSIDE DIAMETER										
6x3.25	410/350-6	K352	2	285	12.4	3.6	24	Tubeless	3.3	356-2STL-I
6x3.25	410/350-6	K352	4	440	12.4	3.6	50	Tube-Type	3.0	356-4ST-I
6x3.25	410/350-6	K353A	4	440	12.4	3.6	50	Tubeless	3.5	356-4SWL-I
6x3.25	410/350-6	K353A	6	550	12.4	3.6	80	Tubeless	5.0	356-6SWL-I
6x3.25	410/350-6	K398A	2	285	12.4	3.9	24	Tubeless	2.7	356-2STT-I
6x3.25	410x350-6	K478	2	285	12.4	3.9	24	Tubeless	2.7	356-2SN-I
13 INCH OUTSIDE DIAMETER										
6x2.5	400-6	K401	2	485	13.4	4.0	29	Tubeless	2.2	406-2LW-I
6x3.25	13x500-6	K478	2	295	12.8	5.0	20	Tubeless	3.8	506-2SN-I
6x3.25	13x500-6	K358	2	295	12.8	4.6	20	Tubeless	3.9	506-2TR-I
6x3.25	13x500-6	K358	4	440	12.8	4.6	40	Tubeless	3.8	506-4TR-I
6x3.25	13x500-6	K359	2	295	12.8	4.5	20	Tubeless	4.2	506-2AG-I
6x3.25	13x500-6	K398A	2	285	12.8	4.7	20	Tubeless	3.8	506-2STT-I
6x3.25	13x500-6	K401	2	285	12.8	4.6	20	Tubeless	4.0	506-2R-I
6x3.25	13x500-6	K401	4	440	12.8	4.6	40	Tubeless	4.0	506-4R-I
6x3.25	13x500-6	K404	4	440	12.6	4.8	40	Tubeless	3.5	506-4SML-I
6x3.25	13x500-6	K500	4	440	12.7	4.8	40	Tubeless	4.0	506-4TF-I
6x4.5	13x650-6	K358	2	305	12.7	6.1	14	Tubeless	4.6	656-2TR-I
6x4.5	13x650-6	K358	4	460	12.7	6.1	28	Tubeless	4.6	656-4TR-I
6x4.5	13x650-6	K401	4	465	12.7	5.9	28	Tubeless	4.2	656-4R-I
6x4.5	13x650-6	K404	4	460	13.2	6.1	30	Tubeless	5.2	656-4SM-I

Recommended Rim Size	Tire Size	Tread	Ply Rating	Max Load (Lbs)	Outside Diameter (Inch)	Section Width (Inch)	Max PSI	Type	Shipping Weight (Lbs)	Part Number
14 INCH OUTSIDE DIAMETER										
6x3.25	530/450-6	K352	2	410	14.0	4.6	18	Tube-Type	3.8	456-2ST-I
6x3.25	530/450-6	K352	2	410	14.0	4.6	18	Tubeless	4.2	456-2STL-I
6x3.25	530/450-6	K352	4	635	14.0	4.6	38	Tubeless	4.2	456-4STL-I
6x3.25	530/450-6	K353A	4	503	14.0	4.6	38	Tube-Type	4.0	456-4SW-I
6x3.25	530/450-6	K353A	6	827	14.4	4.7	60	Tubeless	4.5	456-6SWL-I
6x4.5	14.5x700-6	K290	2	165	14.2	5.3	5	Tubeless	4.2	1456-2S-I
15 INCH OUTSIDE DIAMETER										
6x4.5	15x500-6	K398A	2	365	14.6	5.0	20	Tubeless	4.7	556-2STT-I
6x4.5	15X500-6	K478	2	430	14.8	5.2	18	Tubeless	4.7	556-2SN-I
6x4.5	15X550-6	K500	4	740	14.4	5.4	46	Tubeless	4.6	556-4TF-I
6x4.5	15x600-6	K358	2	365	14.4	5.9	14	Tubeless	5.2	606-2TR-I
6x4.5	15x600-6	K358	4	570	14.6	6.2	30	Tubeless	5.8	606-4TR-I
6x4.5	15x600-6	K382	2	365	14.2	5.8	14	Tubeless	5.3	606-2TRS-I
6x4.5	15x600-6	K401	4	570	14.6	6.3	30	Tubeless	5.8	606-4R-I
6x4.5	15x600-6	K500	4	570	14.7	6.2	30	Tubeless	5.8	606-4TF-I
6x4.5	15x600-6	K505	4	570	14.5	6.2	30	Tubeless	5.5	606-4TM-I
16 INCH OUTSIDE DIAMETER										
7x5	16x800-7	K290	2	220	15.4	7.0	5	Tubeless	7.4	807-2S-I
8x2.5	400-8	K401	2	435	15.7	3.9	30	Tubeless	2.7	408-2LW-I
8X2.5	400-8	K401	4	670	15.9	3.9	42	Tubeless	2.9	408-4LW-I
8x2.5	480/400-8	K352	2	435	16.0	4.0	20	Tubeless	5.2	408-2ST-I
8x2.5	480/400-8	K352	4	475	16.0	4.0	36	Tubeless	5.2	408-4STL-I
8x2.5	480/400-8	K404	2	435	15.7	3.9	30	Tubeless	3.7	408-2SM-I
8x2.5	480/400-8	K404	2	670	15.7	3.9	42	Tubeless	3.7	408-4SM-I
8x3.75	480/400-8	K357	2	240	16.2	4.7	18	Tubeless	7.5	408-2AGL-I
8x3.75	480/400-8	K357	4	340	16.4	4.7	32	Tubeless	7.5	408-4AGL-I
8x3.75	480/400-8	K358	2	435	16.0	4.8	20	Tubeless	5.3	408-2TR-I
8x3.75	480/400-8	K371	2	390	16.0	4.6	30	Tubeless	3.8	408-2SW-I
8x3.75	480/400-8	K398A	2	435	16.4	4.7	30	Tubeless	5.0	408-2STT-I
8x3.75	480/400-8	K478	2	435	16.4	4.7	30	Tubeless	5.0	408-2SN-I
8x3.75	480-8	K467	2	435	16.7	4.5	20	Tubeless	5.3	408-2DS-I
8x5.375	16x650-8	K357	4	615	16.7	6.4	28	Tubeless	18.2	658-4AG-I
8x5.375	16x650-8	K358	2	415	15.8	6.3	40	Tubeless	6.5	658-2TR-I
8x5.375	16x650-8	K398A	2	415	16.5	6.5	14	Tubeless	6.6	658-2STT-I
8x5.375	16x650-8	K401	4	620	15.9	6.6	28	Tubeless	6.5	658-4R-I
8x5.375	16X650-8	K478	2	415	16.5	6.1	14	Tubeless	6.6	658-2SN-I
8x5.375	16x650-8	K358	4	620	15.9	6.5	28	Tubeless	6.5	658-4TR-I
8x5.375	16x750-8	K358	2	475	16.2	7.4	12	Tubeless	8.7	758-2TR-I
8x5.375	16x650-8	K500	4	620	15.7	7.0	28	Tubeless	7.6	658-4TF-I
8x5.375	16x650-8	K502	4	620	15.7	6.5	28	Tubeless	6.2	658-4KTT-I
8x5.375	16x650-8	K505	4	620	16.0	6.2	28	Tubeless	7.3	658-4TM-I
8x5.375	16x750-8	K389	4	605	16.1	7.3	24	Tubeless	8.3	758-4SW-I
8x5.375	16x750-8	K500	4	627	16.5	7.4	24	Tubeless	8.3	758-4TF-I
18 INCH OUTSIDE DIAMETER										
7x5	18x700-7 Front	K284	2	198	17.2	6.5	5	Tubeless	8.6	7007-2PF-I
8x5.375	18x650-8	K358	2	515	17.2	6.2	14	Tubeless	7.5	8658-2TR-I
8x5.375	18x650-8	K367	4	515	17.9	6.8	14	Tubeless	8.5	8658-4GH-I
8x5.375	18x650-8	K500	4	770	17.8	6.7	28	Tubeless	7.9	8658-4TF-I
8x5.375	18x750-8	K500	4	705	18.0	7.6	24	Tubeless	10.0	8758-4TF-I
8x7	18x850-8	K358	2	515	17.6	8.5	10	Tubeless	10.6	858-2TR-I
8x7	18x850-8	K358	4	815	17.6	8.5	22	Tubeless	10.5	858-4TR-I
8x7	18x850-8	K389	4	815	17.6	8.5	22	Tubeless	10.2	858-4SW-I
8x7	18x850-8	K389	6	1050	17.7	8.6	32	Tubeless	10.7	858-6SW-I

Tire Specifications

Recommended Rim Size	Tire Size	Tread	Ply Rating	Max Load (Lbs)	Outside Diameter (Inch)	Section Width (Inch)	Max PSI	Type	Shipping Weight (Lbs)	Part Number
8x7	18x850-8	K401	4	815	17.4	8.5	22	Tubeless	9.9	858-4R-I
8x7	18x850-8	K500	4	816	17.8	8.5	22	Tubeless	9.2	858-4TF-K
8x7	18x850-8	K500	6	1050	17.8	8.5	34	Tubeless	9.6	858-6TF-I
8x7	18x850-8	K505	4	815	17.7	8.3	22	Tubeless	11.1	858-4TM-I
8x7	18x950-8	K290	2	225	18.6	8.8	5	Tubeless	10.8	958-2S-I
8x7	18x950-8	K290	4	233	18.6	8.8	5	Tubeless	10.8	958-4S-I
8x7	18x950-8	K358	2	695	18.1	8.9	12	Tubeless	10.8	958-2TR-I
8x7	18x950-8	K358	4	1040	18.1	8.9	24	Tubeless	10.8	958-4TR-I
8x7	18x950-8	K382	2	695	18.4	8.9	12	Tubeless	10.4	958-2TRS-I
8x7	18x950-8	K401	4	1040	18.0	9.1	24	Tubeless	11.6	958-4R-I
8x7	18x950-8	K404	4	695	18.0	9.2	12	Tubeless	10.8	958-4SM-I
8x7	18x950-8	K500	4	1040	18.2	9.3	24	Tubeless	12.1	958-4TF-I
8x7	18x950-8	K500	6	1320	18.7	9.3	36	Tubeless	12.4	958-6TF-I
10x6	205/50-10	K399	4	664	18.3	7.7	30	Tubeless	10.0	810B-PT-I
10x6	205/50R-10	K399	4	835	18.3	7.7	30	Tubeless Radial	10.5	810B-PTR-I
10x7	18x850-10	K502	4	795	18.1	7.4	22	Tubeless	10.0	8510-4KTT-I
10x7	18X850-10	K513	4	795	18.3	8.1	22	Tubeless	10.0	8510-4CT-I
10x8	18x1000-10 Front	K547	4	260	19.0	9.7	25	Tubeless	11.0	1810-4SR-I
12x7	205/40R12	K3005R	4	908	18.5	8.0	44	Tubeless Radial	12.8	20540R12-K3005R
19 INCH OUTSIDE DIAMETER										
8X5.25	19x700-8	K290	2	233	19.0	6.9	5	Tubeless	12.3	1978-2S-I
8x5.5	19x700-8 Front	K284	2	220	18.6	6.8	5	Tubeless	8.6	1978-2PF-I
8x8.5	19x1050-8	K404	2	705	18.7	9.8	12	Tubeless	11.6	1058-2SM-I
12x7	215/40R12	KR20A	4	963	18.9	8.4	44	Tubeless Radial	14.2	21540R12-KR20A
20 INCH OUTSIDE DIAMETER										
8x6.125	20x700-8 Front	K284	2	195	20.6	7.2	5	Tubeless	14.4	708-2FM-I
8x7	20x800-8	K358	4	950	18.8	9.0	22	Tubeless	12.3	808-4TR-I
8x7	20X800-8	K382	2	600	18.8	9.0	10	Tubeless	10.3	808-2TRS-I
8x7	20x800-8	K500	4	950	19.6	8.7	22	Tubeless	9.7	808-4TF-I
8x7	20x800-8	K505	4	950	18.8	8.0	22	Tubeless	12.3	808-4TM-I
8x7	20x1000-8	K358	4	1190	19.7	9.7	22	Tubeless	12.3	1008-4TR-I
8x7	20x1000-8	K358	2	740	20.0	9.7	12	Tubeless	12.3	1008-2TR-I
8x7	20x1000-8	K367	4	1190	20.1	9.4	20	Tubeless	14.2	1008-4GH-I
8x7	20x1000-8	K382	2	750	20.5	9.6	10	Tubeless	12.3	1008-2TRS-I
8x7	20x1000-8	K500	4	750	19.1	9.6	10	Tubeless	10.9	1008-2TF-K
8x7	20x1000-8	K500	4	1190	19.7	9.8	22	Tubeless	11.8	1008-4TF-K
8x7	20x1000-8	K500	6	1540	19.8	10.3	34	Tubeless	12.7	1008-6TF-K
8x7	20x800-8	K502	4	1190	20.2	9.6	22	Tubeless	14.2	1008-4KTT-I
8x7	20x1000-8	K505	4	1190	19.4	9.6	22	Tubeless	12.5	1008-4TM-I
8x7	20x1050-8	K500	4	1190	20.0	10.2	22	Tubeless	14.6	20508-4TF-I
8x7	20x1050-8	K500	4	1190	20.0	10.2	22	Tubeless Radial	15.4	20508R-4TF-I
10x6	205/65R10	K3005R	4	908	20.7	8.3	36	Tubeless Radial	13.5	20565R10-K3005R
10x6	20X800-10	K500	4	895	20.1	8.3	24	Tubeless	14.3	810-4TF-I
"10x6, 10x7"	20x800-10	K358	2	595	20.3	8.0	12	Tubeless	14.3	810-2TR-I
"10x6, 10x7"	20x800-10	K378	4	895	20.5	7.7	23	Tubeless	16.6	810-4AGR-I
10x7	20X800-10	K513	4	895	20.3	8.7	24	Tubeless	10.3	810-4CT-I
10x7	20x1000-10	K513	4	1160	20.0	9.3	22	Tubeless	13.9	1010-4CT-I
10x8	20x1000-10	K389	6	1260	19.8	9.6	32	Tubeless	13.9	2010-6SW-I
10x8	20x1000-10	K401	4	1160	19.7	9.5	22	Tubeless	13.9	2010-4R-I
10x8	20x1000-10	K404	4	1160	19.8	9.8	22	Tubeless	13.9	2010-4SM-I

Tire Specifications

Recommended Rim Size	Tire Size	Tread	Ply Rating	Max Load (Lbs)	Outside Diameter (Inch)	Section Width (Inch)	Max PSI	Type	Shipping Weight (Lbs)	Part Number
10x8	20x1000-10	K500	4	1190	19.7	9.7	22	Tubeless	13.9	1010-4TF-I
10x8	20x1000-10	K500	6	1650	19.7	9.7	40	Tubeless	14.3	1010-6TF-I
10x8.5	20X1000-10	K516	4	1165	19.6	9.6	22	Tubeless	14.1	1010-4CM-I
10x9.75	20X1200-10	K516	4	1320	19.7	11.3	20	Tubeless	16.2	201210-4CM-I
12x7	20x900-12	K389	6	1260	20.0	8.2	32	Tubeless	12.6	912-6SW-I
14x7	205/35R14	K3005R	4	853	19.7	8.0	44	Tubeless Radial	13.2	20535R14-K3005R
14x7	205/35R14	KR20A	4	853	19.8	8.0	44	Tubeless Radial	13.4	20535R14-KR20A
21 INCH OUTSIDE DIAMETER										
8x9	21x1100-8	K472	4	340	21.3	10.9	5	Tubeless	18.2	1108-4STBR-I
9x5	21x800-9 Front	K284	2	225	20.7	6.9	5	Tubeless	11.6	809-2FM-I
10x6	21x700-10 Front	K284	2	205	20.7	6.9	5	Tubeless	11.7	710-2FM-I
10x6	21x700-10	K500	4	990	20.7	7.1	26	Tubeless	10.1	710-4TF-I
22 INCH OUTSIDE DIAMETER										
8x7	22x1000-8	K358	2	560	21.3	8.8	10	Tubeless	15.8	2008-2TR-I
8x8	22x1100-8	K290	4	265	20.2	9.2	5	Tubeless	13.1	1108-2S-I
9x9	22x1100-9 Rear	K530	2	275	22.0	10.9	5	Tubeless	17.0	1109-2PF-I
9x9	22x1200-9 Front / Rear	K299	6	430	22.1	10.9	7	Tubeless	22.4	2209-6BC-I
10x6	22x800-10 Front	K284	2	250	21.0	6.9	5	Tubeless	11.0	8010-2FM-I
10x7	AT22x900-10 Rear	K530	2	220	21.7	8.8	5	Tubeless	15.5	910-2PF-I
10x7	22x950-10	K506	4	1200	21.5	9.3	22	Tubeless	14.1	2210-4LG-I
10x7	22x1000-10	K500	4	850	21.9	9.7	10	Tubeless	17.0	2210-2TF-I
10x7, 10x8.5	22x1100-10	K513	4	1485	21.5	10.2	22	Tubeless	17.0	1110-4CT-I
10x8	AT22x10-10 Rear	K530	4	300	21.9	10.0	5	Tubeless	15.0	1010-4PF-I
10x8	22x1100-10	K502	6	1910	22.2	11.4	34	Tubeless	23.6	1110-6KTT-I
10x8.5	22x1100-10 Rear	K530	2	265	21.1	10.3	5	Tubeless	16.9	1110-2PF-I
10x8.5	22X1100-10	K472	4	1385	21.3	10.2	22	Tubeless	16.5	1110-4STBR-I
12x7	22x950-12	K500	4	1235	21.7	8.9	22	Tubeless	16.1	2212-4TF-I
12x7	22x950-12	K500	2	860	22.0	8.8	12	Tubeless	14.6	2212-2TF-I
12x8.5	22x1050-12	K500	4	1290	22.0	10.4	22	Tubeless	16.2	22105012-4TF-I
12x8.5	22x1200-12	K500	4	1100	22.0	11.4	22	Tubeless	18.5	221212-4TF-A
23 INCH OUTSIDE DIAMETER										
11x6	23x800-11 Front	K284	2	255	23.4	7.5	5	Tubeless	13.1	811-2FM-I
11x6.5	23x800-11 Front	K530F	2	210	23.0	7.4	5	Tubeless	13.1	811-2PF-I
12x7	23X800-12	K358	2	560	22.8	8.4	10	Tubeless	17.0	8512-2TR-I
12x7	23x850-12	K500	4	1120	22.6	8.4	22	Tubeless	14.3	8512-4TF-I
12x7	23x850-12	K500	6	1445	22.7	8.5	34	Tubeless	14.6	8512-6TF-I
12x7	23x850-12	K500	6	2390	22.4	8.6	80	Tubeless	19.3	8512-10TF-I
12x7	23x850-12	K375	4	1115	22.9	8.0	22	Tubeless	13.2	8512-4TR-I
12x7	23x950-12	K500	4	1375	23.6	9.7	24	Tubeless	17.2	9512-4TF-I
12x7	23x1050-12	K505	4	1120	22.7	8.3	22	Tubeless	19.1	1012-4TM-I
12										
12x7	23x850-12	K500	10	2390	22.44	8.6	80	Tubeless	15.4	8512-10TF-I
12x8.5	23x1000-12	K500	4	1340	22.5	10.4	20	Tubeless	18.8	2312-4TF-I
12x8.5	23x1050-12	K358	4	560	22.8	8.4	10	Tubeless	18.9	1012-4TR-K
12x8.5	23x1050-12	K375	4	1340	22.8	10.0	20	Tubeless	16.1	1012-4TR-I
12x8.5	23x1050-12	K502	4	1340	22.3	10.2	20	Tubeless	21.8	1012-4KTT-I

Recommended Rim Size	Tire Size	Tread	Ply Rating	Max Load (Lbs)	Outside Diameter (Inch)	Section Width (Inch)	Max PSI	Type	Shipping Weight (Lbs)	Part Number
12x8.5	23x1050-12	K505	4	1120	22.7	8.3	22	Tubeless Radial	21.2	1012-4TMR-I
12x8.5	23x1050-12	K500	4	1340	22.8	10.4	20	Tubeless	18.9	1012-4TF-K
12x8.5	23x1050-12	K500	6	1760	22.8	10.4	32	Tubeless	19.3	1012-6TF-I
12x8.5	23x1050-12	K500	8	2140	22.8	10.4	42	Tubeless	22.4	1012-8TF-I
24 INCH OUTSIDE DIAMETER										
10x8.5	24x1200-10	K506	4	1290	24.0	11.6	15	Tubeless	19.0	2410-4CT-I
10x9	24x1100-10 Front / Rear	K299	6	440	23.2	10.5	7	Tubeless	9.0	2410-6BC-I
11x7	24x900-11 Front / Rear	K299	6	365	23.7	8.8	7	Tubeless	20.4	911-6BC-I
11x7	24x900-11 Rear	K530	2	255	23.7	9.0	5	Tubeless	14.9	911-2PF-I
12x5.5	24x800-12 Front / Rear	K299	6	310	23.3	7.5	7	Tubeless	14.2	24812-6BC-I
12x5.5	24x800-12 Rear	K530	4	265	23.6	7.5	5	Tubeless	14.2	24812-4PF-I
12x7	24x950-12	K500	4	1375	23.6	9.7	24	Tubeless	17.2	24950-4TF-I
12x8.5	24x1200-12	K472	4	1700	23.6	11.9	20	Tubeless	20.0	2412-4STBR-I
12x8.5	24x1150-12	K500	4	1700	23.1	11.3	20	Tubeless	21.0	1112-4TF-I
12x8.5	24x1200-12	K500	4	1700	23.4	11.8	20	Tubeless	21.2	2412-4TF-I
12x8.5	24x1200-12	K500	6	2260	24.3	11.5	32	Tubeless	21.2	2412-6TF-I
12x8.5	24x1200-12	K500	8	2925	23.5	11.5	50	Tubeless	25.4	2412-8TF-I
12x8.5	24x1200-12	K502	4	1700	23.7	11.3	20	Tubeless	23.6	2412-4KTT-I
12x10.5	24x1200-12	K505	4	1700	23.9	12.0	20	Tubeless	23.4	2412-4TM-I
12x10.5	24x1200-12	K505	4	1700	23.9	12.0	20	Tubeless Radial	27.0	2412-4TMR-I
12x10.5	24x1300-12	K507	4	1730	24.0	13.1	18	Tubeless	24.0	2412-4LG-I
25 INCH OUTSIDE DIAMETER										
9x9	25x1200-9	K290	4	430	24.0	10.8	5	Tubeless	20.7	1209-2S-I
9x9	25x1200-9 Rear	K530	2	355	24.5	11.3	5	Tubeless	22.3	1209-2PF-I
10x10	25x1200-10 Rear	K530	2	355	23.7	11.1	5	Tubeless	19.7	2510-2PF-I
12x7	25x800-12 Front / Rear	K299	6	340	24.3	8.3	7	Tubeless	17.4	812-6BC-I
12x7	25x800-12 Front	K530F	4	290	24.6	7.8	5	Tubeless	16.2	812-4PF-I
12x7	25x900-12	K502	4	1820	24.8	8.7	32	Tubeless	21.8	25912-4KTT-I
12x8	25x1000-12	K502	4	1675	25.0	10.0	24	Tubeless	22.9	2512-4KTT-I
12x8	25x1100-12	K502	4	1780	24.7	10.2	22	Tubeless	22.3	251112-4KTT-I
12x8.5	AT25x1000-12 Rear	K530	4	365	25.0	9.3	5	Tubeless	17.7	2512-4PF-I
12x8.5	25x1000-12 Front / Rear	K299	6	420	24.5	9.3	7	Tubeless	20.8	1002-6BC-I
12x8.5	AT25X1000R12 Front / Rear	K537	8	419	25.0	10.2	7	Tubeless Radial	25.1	1012R-8BH-I
26 INCH OUTSIDE DIAMETER										
12x7	26x900-12 Front / Rear	K299	6	440	27.0	9.0	7	Tubeless	22.0	26912-6BC-I
12x7	26x1200-12 Front / Rear	K299	6	495	25.0	8.9	7	Tubeless	26.0	2612-6BC-I
12x8.5	26x1200-12	K502	4	1780	25.0	11.6	20	Tubeless	27.5	2612-4KTT-I
12x10.5	26x1200-12	K500	4	1780	25.8	12.8	20	Tubeless	27.9	2612-4TF-I
12x10.5	26x1200-12	K500	6	2350	26.3	12.6	50	Tubeless	32.3	2612-6TF-I
12x10.5	26x1200-12	K500	8	3050	25.9	12.9	60	Tubeless	32.3	2612-8TF-I
12x10.5	26x1200-12	K505	4	1780	25.4	12.1	20	Tubeless	26.3	2612-4TM-I
12x10.5	26x1200-12	K505	6	2315	25.2	12.0	30	Tubeless	27.3	2612-6TM-I
26.5 INCH OUTSIDE DIAMETER										
12x10.5	26.5X1400-12	K507	4	2170	26.4	14.8	18	Tubeless	27.3	2612-4LG-I
12x10.5	26.5X1400-12	K507	6	2655	26.3	14.9	26	Tubeless	27.6	2612-6LG-I

FLAT FREE SEMI-PNEUMATIC TIRES

Rim Size	Tire Size	Tread	Part Number
4X2.25	8x300-4	Smooth	8304-SPN225-SM
4X2.25	9x350-4	Smooth	9354-SPN225SM-M
4x2.5	410/350-4	Rib	354-SPN25-RB
5x3.0	11x400-5	Smooth	405-SPN30-SM
6x4.5	11x600-6	Smooth Crosshatch	605-SPN45-SM
6x3.25	13x500-6	Smooth	506-SPN325-SM
6x4.5	13x650-6	Rib	656-SPN45-RB
6x4.5	13x650-6	Smooth	656-SPN45-SM
6x4.5	15X600-6	Rib	606-SPN45-RB
6x4.5	15X600-6	Smooth	606-SPN45-SM
8x4.5	15x650-8	Smooth	5658-SPN45-SM



FLAT FREE POLYURETHANE TIRES

Rim Size	Tire Size	Tread	Part Number
4x2.25	280/250-4	Sawtooth	284-U-SW-I
4x2.5	8X300-4	Smooth	8304-U-SM-I
4x2.75	9X350-4	Traction	9354-U275-TR-I
4x2.5	9X350-4	Traction	9354-U25-TR
4x2.75	9X350-4	Smooth	9354-U275SM-I
4x2.5	410/350-4	Sawtooth	354-U25-SW-I
5x3	11x400-5	Smooth	405-U300-SM-I
8x2.5	480/400-8	Rib	408-U25RB-I
8x2.5	480/400-8	Smooth	408-U25SM-I
8x2.5	400-8	Rib	4008-U25-RB



INNER TUBES

Part Number	Fits Tire Size	Case Quantity	Also Fits Tire Sizes	Valve Stem	Style	Shipping Weight
T254	280/250-4	160	8x300-4	TR87	90° Bent	0.3
T254-P	280/250-4	160	8x300-4	TR87-P	90° Bent Parallel	0.3
T354	410/350-4	100	10.5x350-4	TR87	90° Bent	0.3
T354-13	410/350-4	100	10.5x350-4	TR13	Straight	0.3
T354-P	410/350-4	100	10.5x350-4	TR87-P	90° Bent Parallel	0.3
T9354	9x350-4	110		TR87	90° Bent	0.3
T9354-P	9x350-4	110		TR87-P	90° Bent Parallel	0.4
T305	340/300-5	100		TR87	90° Bent	0.4
T305-P	340/300-5	100		TR87-P	90° Bent Parallel	0.4
T355	410/350-5	100		TR87	90° Bent	0.5
T355-13	410/350-5	100		TR13	Straight	0.5
T405	11x400-5	100		TR13	Straight	0.4
T405-87	11x400-5	100		TR87	90° Bent	0.4
T605-87PRO	11x600-5	100	11x700-5	TR87	90° Bent	0.4
T356	410/350-6	100	400x6; 12.5x450-6	TR87	90° Bent	0.4
T356-13	410/350-6	100	400x6; 12.5x450-6	TR13	Straight	0.4
T406	400-6	100		TR13	Straight	0.4
T456	530/450-6	80		TR87	90° Bent	0.5
T456-13	530/450-6	80		TR13	Straight	0.5
T606	12x600-6	65		TR87	90° Bent	0.6
T506	13x500-6	65		TR13	Straight	0.6
T506-87	13x500-6	65		TR87	90° Bent	0.6
T656	13x650-6	60		TR13	Straight	0.9
T656-87	13x650-6	60		TR87	90° Bent	0.9
T4706	14.5x700-6	60		TR13	Straight	0.9
T606-13	15x600-6	60		TR13	Straight	0.8
T606-87	15x600-6	60		TR87	90° Bent	0.8
T806	800-6	25		JS-87C	90° Bent	1.9
T308	300-8	50		TR13	Straight	0.5
T358	350-8	50		TR13	Straight	0.5
T408	480/400-8	75	16X550-8; 5-8	TR13	Straight	0.7
T408-87	480/400-8	75	16X550-8; 5-8	TR87	90° Bent	0.7
T508	570-8	50		TR13	Straight	1.1
T658	16x650-8	50	16x750-8, 18x650-8	TR13	Straight	1.1
T658-130F	16x650-8	50	16x750-8, 18x650-8	TR13	Straight Offset	1.1
T508-135	570-8	50	475X775	TR135/JS-2	Straight	1.1
T858	18x850-8	25	18X950-8; 20X1000-8	TR13	Straight	1.9
T858-130F	18x850-8	25	18X950-8; 20X1000-8	TR13	Straight Offset	1.9
T8658	18x650-8	50	18X750-8	TR13	Straight	1.1
T708	20x700-8	25		TR-6	Straight	1.9
T808	20x800-8	25		TR13	Straight	1.9
T1008	20x1000-8	25		TR13	Straight	1.9
T1009	20x1000-9	25		TR-6	Straight	2.7
T810	20X800-10	20	20x1000-8	TR13	Straight	2.3
T810-130F	20X800-10	20	20x1000-8	TR13	Straight Offset	2.3

INNER TUBES [CONTINUED]

Part Number	Fits Tire Size	Case Quantity	Also Fits Tire Sizes	Valve Stem	Style	Shipping Weight
T1010	20X1000-10	20		TR13	Straight	2.3
T1208-6	21x1200-8	20		TR-6	Straight	2.5
T8512	23X850-12	20		TR13	Straight	2.7
T1012	23X1050-12	20		TR13	Straight	2.7
T812	25x1000-12	20		TR-6	Straight	2.7
15						
T609-13	690-9	40		TR13	Straight	1.7
T609-135	690-9	40		TR135/JS-2	Straight	1.7
T412	480-12	35		TR13	Straight	1.1
T452	530-12	40		TR13	Straight	1.3
T1020	1000-12	6		TR175A	90° Bent	6.6
T50015	400/500-15	25		TR15	Straight	1.6
T65015	650-15	16	550/600/650-15; LT185/75-15	TR15	Straight	2.8
T75015	750-15	15	700/750/825-15; LT205/225/235/75-15	TR150	Straight	2.6
T65016	600/650-16	18		TR150	Straight	3.1
T65016-15	600/650-16	14		TR15	Straight	3.0
T75016	750-16	12	700/750-16; 215/225/235/85-16; LT225/245/75-16	TR150	Straight	3.7
T75016-15	750-16	12	700/750-16; 215/225/235/85-16; LT225/245/75-16	TR15	Straight	3.3
T12.5L-16	12.5L-15	12	11L/12.5L-15/16	TR15	Straight	4.1
TFR1314	FR13/14	33	"155/165/175/80R13; 145/155/165R-14; 175/185/75R-15; 500/520/560/590/600/ 615-13; 500/520/560/600/650-14; 135/125/155/165-13; 155/165-13"	TR13	Straight	1.5
TFR1513	FR15	30	"125/135/145/155/165R15; 500/520/550/560/600-15"	TR13	Straight	1.6
TGR1513	GR15	16	"165/175/185R15; 185/195/75R15; 0/560/590/600/640/650/670/ 685/700/735-15"	TR13	Straight	2.8
TKR1415	M14	22	M1415	TR13	Straight	2.4
TMR1415	MR14	22	MR1415	TR13	Straight	3.2



TR-6



TR-13



TR-15



TR-87



TR-87P

CUSTOM WHEEL PROGRAM

The Martin Wheel Company has always been the place to go for custom wheels for the manufacture of carts, mowers, and other wheeled lawn, construction, or industrial equipment. As a full manufacturing, painting, welding, and mounting facility, Martin Wheel can find the proper wheel and tire assembly for your needs, even if we have to engineer and make them from scratch.

Additionally, we can add different tires and bearings to some of our stock wheels. Custom wheels involve non-standard hub lengths, offsets, and paint color. Any of those different options make an assembly fall into the custom wheel category.

This is a value-added service we offer to our customers, but there are some requirements we need from our customers to make this process work for us all. Below are the standard requirements for custom wheels:

- 250 piece minimum order
- Purchase orders cannot be canceled
- All orders shipped plus or minus 5% of the original order
- Drawings must be approved
- 4 to 6 week lead times on existing custom parts with appropriate forecasts
- Lead times on new import parts may require up to 270 days
- Returns will not be accepted
- Pricing is based on set quantities, so may be reviewed at each purchase
- Customer liable for all unique components and import items
- Custom inventory will be shipped and billed if not released for 6 months
- Signed agreement before PO's for custom items are accepted

CUSTOM WHEEL ORDER FORM

Tire Type

- Pneumatic
- Semi-Pneumatic

- Polyurethane Flat Free
- Foam Fill
- Other

Wheel Type

- One piece Drop Center w/ integral hub
- One piece Drop Center w/ lug holes
- Two Piece, integral hub
- Three piece w/ demountable hub

- Drive Wheel: Pulley
- Drive Wheel: Sprocket
- Drive Wheel: Keyway
- Drive Wheel: Lug Holes

- Drive Wheel: Pin Drive
- Drive Wheel: Slot
- Drive Wheel: Hex
- Other

Hub Offset or Centered

- Offset
- Centered

Hub length _____

Bore size (inches) _____

Bearing type

- Industrial Ball Bearing
- Precision flanged ball bearing
- Precision sealed ball bearing

- Roller bearing
- Tapered cup and cone bearing
- Bushing
- None

Wheel Color _____

Tire size _____

Tire ply or load capacity needed _____

Tire tread style _____

Other requirements not listed _____

Application _____

Estimated annual usage _____

BASIC TIRE FACTS & DEFINITIONS

Basic Tire Facts

In an effort to clarify the confusion in tire sizing we offer the following:

Lawn and Garden, Industrial, ATV and Go-Kart Tires

There are two methods of identifying tires in this category:

Overall Diameter x Section Width x Rim Diameter.

An example of an L&G tire size is 13/6.50-6.

An ATV tire size is 22/1100-8.

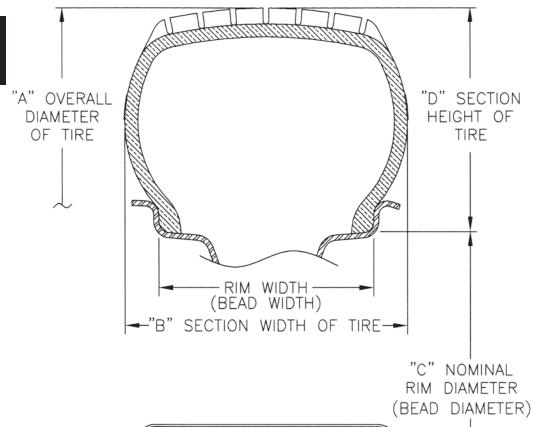
Section width x section height x rim diameter

An example of this type of tire is 5.30/4.50-6.

Bicycle, Lawn Cart and High Wheel Mower Tires

Overall diameter x section width

An example of this tire size would be 12x1.75



EXAMPLES		
"A"	"B"	"C"
13	x 6.50	x 6
"B"	"D"	"C"
5.30	/ 4.50	x 6
"A"	"B"	
12	x 1.75	

Basic Tire Definitions

Ply Rating

An index of the tires strength; ply rating indicates the maximum recommended load for specific types of service. Ply rating normally does not indicate the number of plies or layers in the tire.

Bead width

The distance between the vertical portions of the rim flange. If the rim is too wide or narrow, the tire will not seat properly. As a rule, bead widths should be $\frac{1}{2}$ " to $1\frac{1}{2}$ " narrower than the section width of the tire to provide for a proper fit.

Section Width

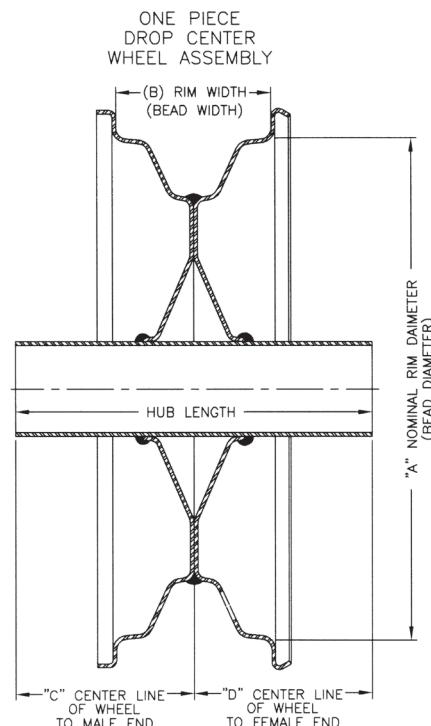
The distance across the tire at its widest part when inflated but not under load.

Section Height

The distance between the top of the tire and the bead seat when the tire is inflated but not under load.

Overall Diameter

The distance from the top to the bottom of the tire when it is inflated but not under load



WHEN DIMENSIONS "C" AND "D" ARE EQUAL
THE HUB IS CENTERED

WHEN DIMENSIONS "C" AND "D" ARE UNEQUAL
THE HUB IS OFFSET

KENDA

Designed for Your Journey

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