

SOLID URETHANE WHEELS

MU WHEELS

The RWM Casters Solid Urethane Wheels offer quiet operation and rollability and are designed for towline applications such as automotive plants. This non-marking wheel is resistant to grease, oil, chemicals and moisture. In addition, it is also resistant to chunking, cutting and abrasive wear. These Solid Urethane Wheels are used in application that need lower noise levels, improved floor protection and where heavy loads and continuous use cause standard polyurethane wheels to heat up and degrade. These Solid Urethane Wheels are proudly Made in the USA.

The solid urethane wheels can be used for the following series of rigs to make durable, long-lasting casters: 45, 46, 47, 48, 52, 58, 65, 68, 70, 75 and 76 Series.



MUB-0820-08

FEATURES

Wheel Bearings	Available with Sealed Precision Ball Bearings only
Temperature Range	-40°F to 180°F
Hub Length	Can be shortened or lengthened to order
Hardness	MU wheel is 70 durometer Shore D

OPTIONS

GUARDS	
TG	Thread Guard on 2" wheels
SEALS	
WS	Wheel Seals

APPLICATIONS

- Automotive plants and towline applications
- Applications needing lower noise levels
- Applications needing improved floor protection
- Applications where heavy loads and continuous use cause standard poly wheels to heat up and degrade

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Sealed Precision Ball Bearing	Hub Length	Approx Weight lbs.
4"	2"	700	1/2"	MUB-0420-08	2-3/16"	1.6
5"	2"	1000	1/2"	MUB-0520-08	2-3/16"	1.7
6"	2"	1200	1/2"	MUB-0620-08	2-3/16"	1.8
6"	3"	2000	3/4"	MUB-0630-12	3-1/2"	5
		2000	1"	MUB-0630-16	3-1/2"	5
8"	2"	1500	1/2"	MUB-0820-08	2-7/16"	2.9
8"	3"	2500	3/4"	MUB-0830-12	3-1/2"	7
		2500	1"	MUB-0830-16	3-1/2"	7
10"	3"	3000	3/4"	MUB-1030-12	3-1/2"	10
		3000	1"	MUB-1030-16	3-1/2"	10

URETHANE ON IRON WHEELS

WHEELS

URETHANE

ENGINEERED TO OUTPERFORM

RWM Urethane on Iron Wheels are liquid cast and chemically bonded to our machined cast iron cores. The core is a heavy-duty solid web design with an oversized hub, enabling it to be machined to be fitted for special bearings or a keyway. Careful attention is made during the bonding process to ensure that each Urethane on Iron Wheel meets or exceeds RWM Casters high standards of performance. They will outlast rubber wheels. In addition, these wheels are non-marking to floors and provide a quieter ride than hard tread or steel wheels.



UIR-0820-19

FEATURES

Wheel Bearings	Choice of straight roller, annular ball bearing, celcon or precision tapered
Temperature Range	-40°to+180°F
Hub Length	Can be shortened or lengthened to order
Hardness	92 Shore A Durometer
Lubrication Fittings	Standard on 2-1/2" and wider wheels
Keyways	Can be installed on most sizes

APPLICATIONS

Urethane on Iron Wheels also provide outstanding abrasion resistance and are resistant to most chemicals, grease, oils and water. Our Premium PTMEG urethane wheels provide longer service life, better wear and tear characteristics and will reject floor debris. All wheels up to 8" x 2 1/2" wide are standard crown tread that reduces the amount of friction between the tread and the floor, improving the rollability and maneuverability of the wheel.

OPTIONS

DUROMETER	
70D	Optional Durometer (Black)
80A	Optional Durometer (Red)
GUARDS	
TG	Thread Guard
SEALS	
WS	Wheel Seals
FITTINGS	
ZF	Zerk Fittings

*There's no need to add an option for microbial resistance; through the use of superior polyurethane, RWM urethane is equipped to resist buildup from the factory.

Wheel Diameter	Wheel Width	Capacity lbs.	Urethane Thickness	Axle Diameter	Straight Roller Bearing	Ball Bearing	Tapered Roller Bearing	Celcon Bearing	Hub Length	Approx Weight lbs.
3-1/2"	1-1/4"	400	1/4"	5/16"		UIB-3512-05			1-15/32"	1.7
4"	1-1/4"	420	1/2"	5/16"		UIB-0412-05			1-15/32"	2
4"	1-1/2"	600	3/8"	3/8"	UIR-0415-06	UIB-0415-06		UIC-0415-06	1-7/8"	2.6
		600	3/8"	1/2"	UIR-0415-08	UIB-0415-08		UIC-0415-08	1-7/8"	2.6
		600	3/8"	5/8"	UIR-0415-10			UIC-0415-10	1-7/8"	2.6
		600	3/8"	3/4"	UIR-0415-12			UIC-0415-12	1-7/8"	2.6
		700	7/16"	1/2"	UIR-0420-08			UIC-0420-08	2-7/16"	3.2
4"	2"	700	7/16"	5/8"	UIR-0420-10			UIC-0420-10	2-7/16"	3.2
		700	7/16"	3/4"	UIR-0420-12			UIC-0420-12	2-7/16"	3.2
		480	3/8"	5/16"		UIB-0512-05			1-15/32"	2.2
5"	1-1/4"	720	3/8"	3/8"	UIR-0515-06	UIB-0515-06		UIC-0515-06	1-7/8"	3.7
		720	3/8"	1/2"	UIR-0515-08	UIB-0515-08		UIC-0515-08	1-7/8"	3.7
		720	3/8"	5/8"	UIR-0515-10			UIC-0515-10	1-7/8"	3.7
		720	3/8"	3/4"	UIR-0515-12			UIC-0515-12	1-7/8"	3.7
5"	2"	1050	3/8"	1/2"	UIR-0520-08			UIC-0520-08	2-7/16"	4.2
		1050	3/8"	5/8"	UIR-0520-10			UIC-0520-10	2-7/16"	4.2
		1050	3/8"	3/4"	UIR-0520-12			UIC-0520-12	2-7/16"	4.2
6"	1-1/2"	840	3/8"	3/8"	UIR-0615-06	UIB-0615-06		UIC-0615-06	1-7/8"	4.5
		840	3/8"	1/2"	UIR-0615-08	UIB-0615-08		UIC-0615-08	1-7/8"	4.5
		840	3/8"	5/8"	UIR-0615-10			UIC-0615-10	1-7/8"	4.5
		840	3/8"	3/4"	UIR-0615-12			UIC-0615-12	1-7/8"	4.5
6"	2"	1230	1/2"	1/2"	UIR-0620-08	UIB-0620-08		UIC-0620-08	2-7/16"	5.1
		1230	1/2"	5/8"	UIR-0620-10	UIB-0620-10		UIC-0620-10	2-7/16"	5.1
		1230	1/2"	3/4"	UIR-0620-12	UIB-0620-12		UIC-0620-12	2-7/16"	5.1
6"	2-1/2"	1620	3/8"	3/4"	UIR-0625-12-YY		UIT-0625-12-YY		3"	10.2
		1620	3/8"	1"	UIR-0625-16-YY		UIT-0625-16-YY		3"	10.2
		1620	3/8"	1"	UIR-0625-16-YY-SI				3"	10.2
		1620	3/8"	1-1/4"	UIR-0625-20-YY				3"	10.2
		1620	3/8"	3/4"	UIR-0625-12	UIB-0625-12	UIT-0625-12		3-1/2"	12.5
		1620	3/8"	1"	UIR-0625-16		UIT-0625-16		3-1/2"	12.5
		1620	3/8"	1"	UIR-0625-16-SI				3-1/2"	12.5
		1620	3/8"	1-1/4"	UIR-0625-20				3-1/2"	12.5

Wheel Diameter	Wheel Width	Capacity lbs.	Urethane Thickness	Axle Diameter	Straight Roller Bearing	Ball Bearing	Tapered Roller Bearing	Celcon Bearing	Hub Length	Approx Weight
6"	3"	2000	1/2"	3/4"	UIR-0630-12		UIT-0630-12		3-1/2"	13.7
		2000	1/2"	1"	UIR-0630-16		UIT-0630-16		3-1/2"	13.7
		2000	1/2"	1"	UIR-0630-16-SI				3-1/2"	13.7
		2000	1/2"	1-1/4"	UIR-0630-20				3-1/2"	13.7
8"	2"	1500	7/16"	1/2"	UIR-0820-08	UIB-0820-08		UIC-0820-08	2-7/16"	8.2
		1500	7/16"	5/8"	UIR-0820-10	UIB-0820-10		UIC-0820-10	2-7/16"	8.2
		1500	7/16"	3/4"	UIR-0820-12	UIB-0820-12		UIC-0820-12	2-7/16"	8.2
8"	2-1/2"	1800	3/8"	3/4"	UIR-0825-12-YY		UIT-0825-12-YY		3"	11
		1800	3/8"	1"	UIR-0825-16-YY		UIT-0825-16-YY		3"	11
		1800	3/8"	1"	UIR-0825-16-YY-SI				3"	11
		1800	3/8"	1-1/4"	UIR-0825-20-YY				3"	11
		1800	3/8"	3/4"	UIR-0825-12	UIB-0825-12	UIT-0825-12		3-1/2"	13.4
		1800	3/8"	1"	UIR-0825-16		UIT-0825-16		3-1/2"	13.4
		1800	3/8"	1"	UIR-0825-16-SI				3-1/2"	13.4
8"	3"	2500	1/2"	3/4"	UIR-0830-12	UIB-0830-12	UIT-0830-12		3-1/2"	17
		2500	1/2"	1"	UIR-0830-16		UIT-0830-16		3-1/2"	17
		2500	1/2"	1"	UIR-0830-16-SI				3-1/2"	17
		2500	1/2"	1-1/4"	UIR-0830-20				3-1/2"	17
8"	4"	3500	1/2"	1"	UIR-0840-16-SI		UIT-0840-16		4-1/2"	24
		3500	1/2"	1-1/4"	UIR-0840-20		UIT-0840-20		4-1/2"	24
		3500	1/2"	1-1/4"	UIR-0840-20-SI				4-1/2"	24
		3500	1/2"	1-1/2"	UIR-0840-24		UIT-0840-24		4-1/2"	24
10"	2-1/2"	2370	1/2"	3/4"	UIR-1025-12-YY		UIT-1025-12-YY		3"	17.3
		2370	1/2"	1"	UIR-1025-16-YY		UIT-1025-16-YY		3"	17.3
		2370	1/2"	1-1/4"	UIR-1025-20-YY				3"	17.3
		2370	1/2"	1"	UIR-1025-16-YY-SI				3"	17.3
		2370	1/2"	3/4"	UIR-1025-12	UIB-1025-12	UIT-1025-12		3-1/2"	19
		2370	1/2"	1"	UIR-1025-16		UIT-1025-16		3-1/2"	19
		2370	1/2"	1"	UIR-1025-16-SI				3-1/2"	19
10"	3"	3000	1/2"	3/4"	UIR-1030-12	UIB-1030-12	UIT-1030-12		3-1/2"	20.8
		3000	1/2"	1"	UIR-1030-16		UIT-1030-16		3-1/2"	20.8
		3000	1/2"	1"	UIR-1030-16-SI				3-1/2"	20.8
		3000	1/2"	1-1/4"	UIR-1030-20		UIT-1030-20		3-1/2"	20.8
10"	4"	4200	1"	1"	UIR-1040-16-SI		UIT-1040-16		4-1/2"	28
		4200	1"	1-1/4"	UIR-1040-20		UIT-1040-20		4-1/2"	28
		4200	1"	1-1/4"	UIR-1040-20-SI				4-1/2"	28
		4200	1"	1-1/2"	UIR-1040-24		UIT-1040-24		4-1/2"	28
10"	5"	5000	1/2"	1"	UIR-1050-16-SI		UIT-1050-16		5-1/2"	40
		5000	1/2"	1-1/4"	UIR-1050-20		UIT-1050-20		5-1/2"	40
		5000	1/2"	1-1/4"	UIR-1050-20-SI				5-1/2"	40
		5000	1/2"	1-1/2"	UIR-1050-24		UIT-1050-24		5-1/2"	40
12"	2-1/2"	2700	1/2"	3/4"	UIR-1225-12-YY		UIT-1225-12-YY		3"	28.8
		2700	1/2"	1"	UIR-1225-16-YY		UIT-1225-16-YY		3"	28.8
		2700	1/2"	1"	UIR-1225-16-YY-SI				3"	28.8
		2700	1/2"	1-1/4"	UIR-1225-20-YY				3"	28.8
12"	3"	3400	1/2"	3/4"	UIR-1230-12	UIB-1230-12	UIT-1230-12		3-1/2"	31.5
		3400	1/2"	1"	UIR-1230-16		UIT-1230-16		3-1/2"	31.5
		3400	1/2"	1"	UIR-1230-16-SI				3-1/2"	31.5
		3400	1/2"	1-1/4"	UIR-1230-20		UIT-1230-20		3-1/2"	31.5
12"	3-1/2"	4100	1/2"	1-1/4"	UIR-1235-20		UIT-1235-20		4-1/2"	32
12"	4"	4800	1"	1"	UIR-1240-16-SI		UIT-1240-16		4-1/2"	35.6
		4800	1"	1-1/4"	UIR-1240-20		UIT-1240-20		4-1/2"	35.6
		4800	1"	1-1/4"	UIR-1240-20-SI				4-1/2"	35.6
		4800	1"	1-1/2"	UIR-1240-24		UIT-1240-24		4-1/2"	35.6
12"	5"	6000	1"	1"	UIR-1250-16-SI		UIT-1250-16		5-1/2"	65
		6000	1"	1-1/4"	UIR-1250-20		UIT-1250-20		5-1/2"	65
		6000	1"	1-1/4"	UIR-1250-20-SI				5-1/2"	65
		6000	1"	1-1/2"	UIR-1250-24		UIT-1250-24		5-1/2"	65
12"	6"	7500	1"	1"	UIR-1260-16-SI		UIT-1260-16		6-1/2"	70
		7500	1"	1-1/4"	UIR-1260-20		UIT-1260-20		6-1/2"	70
		7500	1"	1-1/2"	UIR-1260-24		UIT-1260-24		6-1/2"	70
14"	3"	4300	1"	3/4"	UIR-1430-12	UIB-1430-12	UIT-1430-12		3-1/2"	28.6
		4300	1"	1"	UIR-1430-16		UIT-1430-16		3-1/2"	28.6
		4300	1"	1"	UIR-1430-16-SI				3-1/2"	28.6
		4300	1"	1-1/4"	UIR-1430-20				3-1/2"	28.6
14"	6"	7800	1"	1-1/4"	UIR-1460-20		UIT-1460-20		6-1/2"	69
		6000	1"	1"	UIR-1640-16-SI		UIT-1640-16		4-1/2"	51
16"	4"	6000	1"	1-1/4"	UIR-1640-20		UIT-1640-20		4-1/2"	51
		6000	1"	1-1/4"	UIR-1640-20-SI				4-1/2"	51
		6000	1"	1-1/2"	UIR-1640-24		UIT-1640-24		4-1/2"	51
		8400	1"	1"	UIR-1650-16-SI		UIT-1650-16		5-1/2"	70
16"	5"	8400	1"	1-1/4"	UIR-1650-20		UIT-1650-20		5-1/2"	70
		8400	1"	1 1/4"	UIR-1650-20-SI				5-1/2"	70
		8400	1"	1-1/2"	UIR-1650-24		UIT-1650-24		5-1/2"	70
		8600	1"	1"	UIR-1850-16-SI		UIT-1850-16		5-1/2"	90
18"	5"	8600	1"	1-1/4"	UIR-1850-20		UIT-1850-20		5-1/2"	90
		8600	1"	1-1/4"	UIR-1850-20-SI				5-1/2"	90
		8600	1"	1-1/2"	UIR-1850-24		UIT-1850-24		5-1/2"	90
		9000	2"	1"	UIR-2050-16-SI		UIT-2050-16		5-1/2"	100
20"	5"	9000	2"	1-1/4"	UIR-2050-20		UIT-2050-20		5-1/2"	100
		9000	2"	1-1/4"	UIR-2050-20-SI				5-1/2"	100
		9000	2"	1-1/2"	UIR-2050-24		UIT-2050-24		5-1/2"	100
		9000	2"	1-1/2"	UIR-2050-24				5-1/2"	100

HYPERFLEX 80A WHEELS

Ultra elastic high rebound soft tread polyurethane wheels are a great solution for floor protection, noise reduction and lateral grip in towed applications.

FEATURES

Wheel Bearings	Choice of straight roller or sealed ball bearings
Temperature Range	-40°to+180°F
Hardness	80 Shore A Durometer

Contact the factory for additional sizes and options.



UIR-0820-08-80A

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Roller Bearing	Ball Bearing	Hub Length	Approx Weight lbs.
4"	2"	600	1/2"	UIR-0420-08-80A	UIB-0420-08-80A	2-7/16"	3.2
5"	2"	800	1/2"	UIR-0520-08-80A	UIB-0520-08-80A	2-7/16"	4.2
6"	2"	950	1/2"	UIR-0620-08-80A	UIB-0620-08-80A	2-7/16"	5.1
8"	2"	1200	1/2"	UIR-0820-08-80A	UIB-0820-08-80A	2-7/16"	8.2

EXTRAGLIDE 70D WHEELS

RWM's 70D Hard tread polyurethane wheels are great for ergonomic applications requiring a robust wheel while keeping push/pull numbers to a minimum.

FEATURES

Wheel Bearings	Choice of straight roller or sealed ball bearings
Temperature Range	-40°to+180°F
Hardness	70 Shore D Durometer

Contact the factory for additional sizes and options.



UIR-0820-08-70D

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Roller Bearing	Ball Bearing	Hub Length	Approx Weight lbs.
4"	2"	900	1/2"	UIR-0420-08-70D	UIB-0420-08-70D	2-7/16"	3.2
5"	2"	1250	1/2"	UIR-0520-08-70D	UIB-0520-08-70D	2-7/16"	4.2
6"	2"	1400	1/2"	UIR-0620-08-70D	UIB-0620-08-70D	2-7/16"	5.1
8"	2"	1750	1/2"	UIR-0820-08-70D		2-7/16"	8.2

WHEELS

URETHANE

ENGINEERED TO OUTPERFORM

UP TO 1,750 LBS CAPACITY

URETHANE ON ALUMINUM WHEELS

UA WHEELS

RWM Casters Urethane on Aluminum Wheels roll easier and outlast rubber wheels. Our urethane treads are a high quality liquid cast polyurethane chemically bonded to our aluminum cores. Aluminum cores do not rust, but can corrode when exposed to certain cleaners and solvents (use MU solid Urethane Wheels as an alternative). Aluminum cores have an attractive, strong metallic look. We crown the wheels slightly to reduce the energy needed to turn the wheel when under a heavy load. All RWM Urethane on Aluminum Wheels offer outstanding abrasion resistance, oil, and chemical resistance. In addition, these wheels are non-marking and protect floors. Many have found these wheels provide excellent rollability and are versatile enough to use on a variety of floor surfaces. Our premium PT-MEG urethane provides longer service life, better wear and tear characteristics and rejects floor debris.



UAR-0620-19

FEATURES

Wheel Bearings	Choice of straight roller, or celcon
Temperature Range	-40°to +180°F
Hub Lengths	Can be lengthened or shortened to order
Hardness	92 Shore A Durometer

OPTIONS

GUARDS	
TG	Thread Guard*
SEALS	
WS	Wheel Seals (RB)
SEALS	
ZF	Zerk Fittings

APPLICATIONS

This high quality Urethane on Aluminum is a popular wheel for wash-down applications, and on carts that may be left and used outdoors.

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Urethane Thickness	Roller Bearing	Celcon Bearing	Hub Length	Approx Weight lbs.
3-1/2"	1-1/2"	420	1/2"	5/16"	UAR-3515-08	UAC-3515-08	1-7/8"	1.1
		420	5/8"	5/16"	UAR-3515-10	UAC-3515-10	1-7/8"	1.1
		420	3/4"	5/16"	UAR-3515-12	UAC-3515-12	1-7/8"	1.1
4"	1-1/2"	600	1/2"	1/2"	UAR-0415-08	UAC-0415-08	1-7/8"	1.2
		600	5/8"	1/2"	UAR-0415-10	UAC-0415-10	1-7/8"	1.2
		600	3/4"	1/2"	UAR-0415-12	UAC-0415-12	1-7/8"	1.2
4"	2"	700	1/2"	1/2"	UAR-0420-08	UAC-0420-08	2-7/16"	1.6
		700	5/8"	1/2"	UAR-0420-10	UAC-0420-10	2-7/16"	1.6
		700	3/4"	1/2"	UAR-0420-12	UAC-0420-12	2-7/16"	1.6
5"	1-1/2"	720	1/2"	1/2"	UAR-0515-08	UAC-0515-08	1-7/8"	1.6
		720	5/8"	1/2"	UAR-0515-10	UAC-0515-10	1-7/8"	1.6
		720	3/4"	1/2"	UAR-0515-12	UAC-0515-12	1-7/8"	1.6
5"	2"	1050	1/2"	7/16"	UAR-0520-08	UAC-0520-08	2-7/16"	2
		1050	5/8"	7/16"	UAR-0520-10	UAC-0520-10	2-7/16"	2
		1050	3/4"	7/16"	UAR-0520-12	UAC-0520-12	2-7/16"	2
6"	2"	1230	1/2"	3/8"	UAR-0620-08	UAC-0620-08	2-7/16"	2.4
		1230	5/8"	3/8"	UAR-0620-10	UAC-0620-10	2-7/16"	2.4
		1230	3/4"	3/8"	UAR-0620-12	UAC-0620-12	2-7/16"	2.4
8"	2"	1500	1/2"	7/16"	UAR-0820-08	UAC-0820-08	2-7/16"	3.4
		1500	5/8"	7/16"	UAR-0820-10	UAC-0820-10	2-7/16"	3.4
		1500	3/4"	7/16"	UAR-0820-12	UAC-0820-12	2-7/16"	3.4

WHEELS

URETHANE

ENGINEERED TO OUTPERFORM

UP TO 1,500 LBS CAPACITY



The Torus Wheel™ offers a rounded tread that provides easy turning under heavy loads. The Torus Wheel™ features our premium PTMEG urethane tread, 92 on the Shore-A scale that is mechanically and chemically bonded to a light-weight sturdy aluminum core. This prevents tread separation and ensures maximum service life especially in demanding continuous use applications. The Torus Wheel™ has an aluminum core that provides a lightweight, long-lasting attractive alternative to cast iron.

FEATURES

Wheel Bearings	Sealed percision bearing
Temperature Range	-40°to +180°F
Hardness	Standard 92 Shore A (Blue) Optional 8" 85 Shore A (Red) Optional 8" 70 Shore D (Black)

APPLICATIONS

The Torus Wheel™ is an exceptional wheel for continuous towline applications. It was developed specifically for automotive manufacturing assembly lines. This wheel offers excellent floor protection, noise reduction and is able to roll over small debris.



UAB-0821-08-92A

Reduce your push/pull requirements and improve ergonomics with the RWM Torus wheel. Contact RWM about test data and additional information for your application at 800-634-7704.

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Celcon Bearing	Hub Length	Approx Weight lbs.
4"	2"	700	1/2"	UAB-0421-08-92A	2-7/16"	1.5
5"	2"	1050	1/2"	UAB-0521-08-92A	2-7/16"	2.4
6"	2"	1230	1/2"	UAB-0621-08-92A	2-7/16"	3.1
8"	2"	1000	1/2"	UAB-0821-08-85A	2-7/16"	4.7
	2"	1000	1/2"	UAB-0821-08-70D	2-7/16"	4.7
	2"	1500	1/2"	UAB-0821-08-92A	2-7/16"	4.7



AUTOMOTIVE WHEELS

RWM specializes in solutions for demanding automotive and ergonomic industrial applications. In addition to our Torus and Ergo GT wheels these wheels are used for towlines and cellular work areas throughout the industry. These wheels offer a quieter alternative with additional polyurethane material for superior ride quality, service life and sound dampening. These can be utilized on rigid casters to prevent sliding at higher speeds around sharp corners and pair well with Torus wheels on the swivel casters to keep push/pull to a minimum. Contact RWM today for help with the best possible setup for your application needs.

FEATURES

Wheel Bearings	Sealed percision ball bearing
Temperature Range	-40°to +180°F
Hardness	75 Shore A (Red - Flat Tread) 85 Shore A (Tan - Crown Tread)



UAB-0820-08-75A

UAB-0820-08-85A

Wheel Diameter	Wheel Width	Capacity	Axle Diameter	Celcon Bearing	Hub Length	Approx Weight
8"	2"	950	1/2"	UAB-0820-08-75A	2-7/16"	3.9
8"	2"	1050	1/2"	UAB-0820-08-85A	2-7/16"	3.9

INFINITY VULKOLLAN® WHEELS

WHEELS
URETHANE

ENGINEERED TO OUTPERFORM

RWM Casters Infinity Wheels are made from the highest quality Vulkollan® polyurethane in the world. These industrial strength wheels have exceptional abrasion resistance and high tear strength. Load capacities are greater than similarly designed wheels, enabling the use of a smaller diameter wheel if required. The Infinity Vulkollan® Wheels are excellent for towing applications.

Our Infinity Vulkollan® Wheels are resistant to a wide range of oils, greases and chemical, but are sensitive to hydrolyzing agents such as hot water, steam and hot moist air, strong acids, alcohols and high humidity. They offer excellent recovery from long periods of heavy static loading combined with low rolling resistance and floor saving tread.

FEATURES	
Wheel Bearings	Choice of precision ball or tapered roller bearings
Temperature Range	-20°F to 200°F
Hardness	93 Durometer Shore A
Finish	Amber tread on cast iron core. The color of Vulkollan® polyurethane will change over time and exposure to UV rays from a light amber to a very dark brown.

APPLICATIONS	
Highest Quality Vulkollan® Polyurethane in the World!	
High Dynamic Load Capacity	
Superior Tear Resistance	
Exceptional Abrasion Resistance	
Extremely Durable Ergonomic / Easy to Roll	
Superior Rebound Resilience	
Superior Ozone, Grease and Oils Resistance	
Extremely Reliable	
Superior Structural Strength	
Reduced Downtime and Maintenance Costs	



UIB-0820-12-INF



UIB-0830-12-INF

*There's no need to add an option for microbial resistance; through the use of superior polyurethane, RWM wheels are equipped to resist buildup from the factory.

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Tread Thickness	Sealed Precision Ball Bearing	Tapered Roller Bearing	Hub Length	Approx Weight lbs.
8"	2"	2000	1/2"	3/8"	UIB-0820-08-INF		2.10"	10
		2000	5/8"	3/8"	UIB-0820-10-INF		2.10"	10
		2500	3/4"	3/8"	UIB-0820-12-INF		2.10"	10
		2500	1"	3/8"	UIB-0820-16-INF		2.10"	10
8"	3"	4000	3/4"	5/8"	UIB-0830-12-INF	UIT-0830-12-INF	3.5"	15
		4000	1"	5/8"	UIB-0830-16-INF	UIT-0830-16-INF	3.5"	15
		4000	1-1/4"	5/8"		UIT-0830-20-INF	3.5"	15
10"	3"	5000	3/4"	1/2"	UIB-1030-12-INF	UIT-1030-12-INF	3.5"	22
		5000	1"	1/2"	UIB-1030-16-INF	UIT-1030-16-INF	3.5"	22
		5000	1-1/4"	1/2"	UIB-1030-20-INF	UIT-1030-20-INF	3.5"	22
10"	4"	6800	1-1/4"	1"	UIB-1040-20-INF		4.5"	28

UP TO 6,800 LBS CAPACITY

OMEGA WHEELS

The Omega Wheel is a patented urethane wheel developed for towline caster applications such as automotive plants to provide noise reduction and shock absorbing capabilities through a web / spoke design. The Omega Wheel can carry high loads at high speeds, retains its bond at high speeds which increases the service life of your equipment, resists chunking and tearing when traveling over rough surfaces and sharp objects like standard polyurethane wheels do. The result is a reduction in maintenance costs due to the wheel lasting longer. The Omega Wheel will roll over metal chips and floor debris without embedding the material into the tread as standard polyurethane wheels do, resulting in quieter wheel revolution and cleaner floors. Omega Wheels eliminate the need for spring load casters and are built to industry standards and can be retrofitted to any caster rig using the same size wheels. Overall, the Omega Wheel will provide longer service life, reduce maintenance costs, reduce noise, and operate for a fraction of the cost of standard polyurethane wheels over time. These industrial wheels are proudly Made in the USA.

FEATURES

Wheel Bearings	Choice of straight roller bearing, tapered or ball bearings
Temperature Range	-40°F to 180°F
Hardness	95 Shore A Durometer

What Makes the Omega Wheel Different?

The Omega Wheel is different from other wheels due to the fact that it achieves its enhanced impact absorbing capabilities through a web/spoke structure, which is designed to buckle at deflections above a pre-described operating deflection. The web and spokes buckle in a localized area of the wheel. Due to the supreme elasticity of the specially formulated polyurethane, the web and spokes return to their original configuration and continue to carry load. Because of this designed-in critical deflection limit, the structure is not capable of prolonged operation at loads above its rated load. However, the Omega is capable of random, complete localized deflections to the cast core without permanent damage. Literally speaking, this means that the Omega Wheel can withstand loads above its capacity for short periods of time, whether the wheel is moving or not, without permanent damage to the tread.

Advantages of Omega Wheels

Here are some of the benefits and advantages the Omega Wheel can offer over standard polyurethane wheel designs:

1. Retains Bond at High Speed

Under load the Omega Wheel was tested at 17.5 mph for a period of twenty minutes. The wheel showed no signs of damage after that period. A standard poly-



UOR-0820-19

APPLICATIONS

Automotive Plants	Noise Reduction
Towline Applications	Shock Absorption

urethane wheel was tested using the same criteria and the polyurethane delaminated after five minutes resulting in complete failure. Bond failure is the number one cause of polyurethane wheel failure. The Omega Wheel increases the service life of equipment using polyurethane wheels and keeps your equipment productive.

2. Reduces Noise

The Omega Wheel flexes when it encounters obstacles and absorbs the impact that generally is transferred to the equipment riding on the casters. The results are quieter working environments for your employees. Until now, noise reduction of casters has been achieved using shear discs. The Omega Wheel eliminates the need for these expensive shear discs. Using a spacer reducer, the Omega Wheel can be installed in any rig currently using the shear discs configuration.

3. Omega Tread Resists Chunking & Tearing

Due to the specially formulated polymers and its built-in, resilient design, the Omega Wheel is able to travel over rough surfaces and sharp objects without chunking or tearing as standard polyurethane wheels do. The result is a reduction in maintenance costs because the Omega Wheel lasts longer than standard polyurethane wheels.

4. Does Not Pick up Metal Chips

The Omega Wheel is resilient enough to roll over

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Straight Roller Bearing	Ball Bearing	Tapered Roller Bearing	Hub Length	Approx Weight lbs.
6"	2"	1000	1/2"	UOR-0620-08	UOB-0620-08	UOT-0620-08	2-7/16"	5
		1000	3/4"	UOR-0620-12		UOT-0620-12	2-7/16"	5
8"	2"	1200	1/2"	UOR-0820-08	UOB-0820-08	UOT-0820-08	2-7/16"	9
		1200	3/4"	UOR-0820-12		UOT-0820-12	2-7/16"	9
8"	3"	1600	3/4"	UOR-0830-12	UOB-0830-12	UOT-0830-12	3-1/2"	13
		1600	1"	UOR-0830-16		UOT-0830-16	3-1/2"	13
		1600	1-1/4"			UOT-0830-20	3-1/2"	13
10"	3"	2000	3/4"	UOR-1030-12	UOB-1030-12	UOT-1030-12	3-1/2"	21.2
		2000	1"	UOR-1030-16		UOT-1030-16	3-1/2"	21.2
		2000	1-1/4"			UOT-1030-20	3-1/2"	21.2

metal chips and floor debris without embedding the material into the tread as happens with standard polyurethane wheels. This results in quieter wheel revolution and cleaner floors in your plant.

5. Eliminated Need for Spring Load Casters

Due to the unique, patented web and spoke structure, the wheel is capable of rolling over a 1/2" bar without changing the axle line. This results in a more economical caster design than spring load casters for absorbing impact in a variety of sizes.

6. Simplified Installation

The Omega Wheels are built to industry standards and therefore, can be retrofitted to any caster rig using the same size wheel.

7. Cost Effective

When you consider the previous benefits in their totality, you will see that the Omega Wheel will provide longer service life, reduce maintenance costs, reduce noise, and in general operate for a fraction of the cost of standard polyurethane wheels over time.

Field Test Results

The Omega Wheel has been tested and used extensively at automotive plants. The material handling department at a major automotive engine and fuel tanks plant was experiencing a high rate of hearing loss injuries. It was observed that stock trailers generated a great deal of noise when towed. Testing confirmed that empty trailers generated noise at about 114 cbA TWA- a level equivalent to a jackhammer, and well above OSHA guidelines. It was also noted that these same stock trailers were contributing to plant cleaning problems. This was due to chunking of existing caster wheels and their picking up of waste materials and debris. Finally, incidences of excessive scrap generation in certain critical machining and grinding operations were traced to floor vibrations. These were determined to be caused by passing stock trailers which had worn or damaged caster wheels.

Results of Omega Installation

Four in-line stock trailers were pulled by a tow vehicle on a test course set up in the receiving area of the automotive plant. Trailers were tested empty, and then loaded with two baskets of cylinder block castings. The empty weight of each trailer was estimated at 800 lbs., and loaded weight was 9720 lbs. Two Quest Model M27 12EE Noise Meters were used to measure the noise generated by the trailers. One was handheld about six feet from the test route and measured noise over a distance of 150 feet. The second meter was mounted under the center of the second stock trailer. Three laps were made while accumulating the test data. After running the loaded and unloaded tests with standard single wheel casters, then two Omega Wheels mounted in dual Kingpinless™ casters were fitted on the same trailers for the second series of tests.

Conclusions

The conclusion of the automotive plant's study showed that in aggregate, empty trailers averaged a reduction of 13.2 dbA with Omega Wheels. From the position of operators and bystanders, the Omega Wheels reduced noise by 13.8 dbA. Loaded trailers averaged a reduction of 4.6 dbA with Omega Wheels. For operators and bystanders, a 4.8 dbA noise reduction was achieved with the Omega Wheels. Visual inspection of the Omega Wheels during later use confirmed that they exhibited improved resistance to chunking and they did not pick up debris from the plant floor as readily as the standard casters. Finally, vibration measurements at critical machining operations showed a significant reduction in scrap generation or down-time when trailers equipped with Omega Wheels passed by. This was attributed to the Omega Wheel's ability to provide a smooth ride for the trailers and their resistance to chunking or picking up of foreign materials.

The Omega Wheel is an innovative product that will make a huge impact on caster manufacturing as well as its customers and users. The Omega Wheel is made available today ONLY by RWM, the caster innovator.

ULTRA THICK URETHANE WHEELS

Ultra Thick Urethane wheels solve performance applications previously requiring press-on wheels. The thick tread reduces contact stresses in the polyurethane during high loading and towing, which reduces tread chunking. These liquid cast wheels feature a chemical and mechanical lock between the core and the urethane. Our Premium PTMEG urethane provides longer service life, better wear and tear characteristics and rejects floor debris.

FEATURES

Wheel Bearings	Choice of precision ball or tapered roller bearings
Temperature Range	-40° to 180°F
Hub Length	Can be shortened or lengthened to order
Hardness	92 durometer Shore A (Blue)
Bores	Sizes can be altered
Keyways	Can be installed on most sizes

APPLICATIONS

Ultra Thick Urethane wheels provide a softer ride and quiet operation due to tread thickness and are good for towing applications. These wheels are non-marking to floors, provide outstanding abrasion resistance, and are resistant to most chemicals.



UTT-1040-20

OPTIONS

DUROMETER

- 70D** Optional Durometer (Black)
- 80A** Optional Durometer (Red)

SEALS

- WS** Wheel Seals

*There's no need to add an option for microbial resistance; through the use of superior polyurethane, RWM wheels are equipped to resist buildup from the factory.

SOLID URETHANE WHEELS

MU WHEELS

The RWM Casters Solid Urethane Wheels offer quiet operation and rollability and are designed for towline applications such as automotive plants. This non-marking wheel is resistant to grease, oil, chemicals and moisture. In addition, it is also resistant to chunking, cutting and abrasive wear. These Solid Urethane Wheels are used in application that need lower noise levels, improved floor protection and where heavy loads and continuous use cause standard polyurethane wheels to heat up and degrade. These Solid Urethane Wheels are proudly Made in the USA.

The solid urethane wheels can be used for the following series of rigs to make durable, long-lasting casters: 45, 46, 47, 48, 52, 58, 65, 68, 70, 75 and 76 Series.



MUB-0820-08

FEATURES

Wheel Bearings	Available with Sealed Precision Ball Bearings only
Temperature Range	-40°F to 180°F
Hub Length	Can be shortened or lengthened to order
Hardness	MU wheel is 70 durometer Shore D

OPTIONS

GUARDS	
TG	Thread Guard on 2" wheels
SEALS	
WS	Wheel Seals

APPLICATIONS

- Automotive plants and towline applications
- Applications needing lower noise levels
- Applications needing improved floor protection
- Applications where heavy loads and continuous use cause standard poly wheels to heat up and degrade

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Sealed Precision Ball Bearing	Hub Length	Approx Weight lbs.
4"	2"	700	1/2"	MUB-0420-08	2-3/16"	1.6
5"	2"	1000	1/2"	MUB-0520-08	2-3/16"	1.7
6"	2"	1200	1/2"	MUB-0620-08	2-3/16"	1.8
6"	3"	2000	3/4"	MUB-0630-12	3-1/2"	5
		2000	1"	MUB-0630-16	3-1/2"	5
8"	2"	1500	1/2"	MUB-0820-08	2-7/16"	2.9
8"	3"	2500	3/4"	MUB-0830-12	3-1/2"	7
		2500	1"	MUB-0830-16	3-1/2"	7
10"	3"	3000	3/4"	MUB-1030-12	3-1/2"	10
		3000	1"	MUB-1030-16	3-1/2"	10

URETHANE ON IRON WHEELS

WHEELS

URETHANE

ENGINEERED TO OUTPERFORM

RWM Urethane on Iron Wheels are liquid cast and chemically bonded to our machined cast iron cores. The core is a heavy-duty solid web design with an oversized hub, enabling it to be machined to be fitted for special bearings or a keyway. Careful attention is made during the bonding process to ensure that each Urethane on Iron Wheel meets or exceeds RWM Casters high standards of performance. They will outlast rubber wheels. In addition, these wheels are non-marking to floors and provide a quieter ride than hard tread or steel wheels.



UIR-0820-19

FEATURES

Wheel Bearings	Choice of straight roller, annular ball bearing, celcon or precision tapered
Temperature Range	-40°to+180°F
Hub Length	Can be shortened or lengthened to order
Hardness	92 Shore A Durometer
Lubrication Fittings	Standard on 2-1/2" and wider wheels
Keyways	Can be installed on most sizes

APPLICATIONS

Urethane on Iron Wheels also provide outstanding abrasion resistance and are resistant to most chemicals, grease, oils and water. Our Premium PTMEG urethane wheels provide longer service life, better wear and tear characteristics and will reject floor debris. All wheels up to 8" x 2 1/2" wide are standard crown tread that reduces the amount of friction between the tread and the floor, improving the rollability and maneuverability of the wheel.

OPTIONS

DUROMETER	
70D	Optional Durometer (Black)
80A	Optional Durometer (Red)
GUARDS	
TG	Thread Guard
SEALS	
WS	Wheel Seals
FITTINGS	
ZF	Zerk Fittings

*There's no need to add an option for microbial resistance; through the use of superior polyurethane, RWM urethane is equipped to resist buildup from the factory.

Wheel Diameter	Wheel Width	Capacity lbs.	Urethane Thickness	Axle Diameter	Straight Roller Bearing	Ball Bearing	Tapered Roller Bearing	Celcon Bearing	Hub Length	Approx Weight lbs.
3-1/2"	1-1/4"	400	1/4"	5/16"		UIB-3512-05			1-15/32"	1.7
4"	1-1/4"	420	1/2"	5/16"		UIB-0412-05			1-15/32"	2
4"	1-1/2"	600	3/8"	3/8"	UIR-0415-06	UIB-0415-06		UIC-0415-06	1-7/8"	2.6
		600	3/8"	1/2"	UIR-0415-08	UIB-0415-08		UIC-0415-08	1-7/8"	2.6
		600	3/8"	5/8"	UIR-0415-10			UIC-0415-10	1-7/8"	2.6
		600	3/8"	3/4"	UIR-0415-12			UIC-0415-12	1-7/8"	2.6
		700	7/16"	1/2"	UIR-0420-08			UIC-0420-08	2-7/16"	3.2
4"	2"	700	7/16"	5/8"	UIR-0420-10			UIC-0420-10	2-7/16"	3.2
		700	7/16"	3/4"	UIR-0420-12			UIC-0420-12	2-7/16"	3.2
		480	3/8"	5/16"		UIB-0512-05			1-15/32"	2.2
5"	1-1/4"	720	3/8"	3/8"	UIR-0515-06	UIB-0515-06		UIC-0515-06	1-7/8"	3.7
		720	3/8"	1/2"	UIR-0515-08	UIB-0515-08		UIC-0515-08	1-7/8"	3.7
		720	3/8"	5/8"	UIR-0515-10			UIC-0515-10	1-7/8"	3.7
		720	3/8"	3/4"	UIR-0515-12			UIC-0515-12	1-7/8"	3.7
5"	2"	1050	3/8"	1/2"	UIR-0520-08			UIC-0520-08	2-7/16"	4.2
		1050	3/8"	5/8"	UIR-0520-10			UIC-0520-10	2-7/16"	4.2
		1050	3/8"	3/4"	UIR-0520-12			UIC-0520-12	2-7/16"	4.2
6"	1-1/2"	840	3/8"	3/8"	UIR-0615-06	UIB-0615-06		UIC-0615-06	1-7/8"	4.5
		840	3/8"	1/2"	UIR-0615-08	UIB-0615-08		UIC-0615-08	1-7/8"	4.5
		840	3/8"	5/8"	UIR-0615-10			UIC-0615-10	1-7/8"	4.5
		840	3/8"	3/4"	UIR-0615-12			UIC-0615-12	1-7/8"	4.5
6"	2"	1230	1/2"	1/2"	UIR-0620-08	UIB-0620-08		UIC-0620-08	2-7/16"	5.1
		1230	1/2"	5/8"	UIR-0620-10	UIB-0620-10		UIC-0620-10	2-7/16"	5.1
		1230	1/2"	3/4"	UIR-0620-12	UIB-0620-12		UIC-0620-12	2-7/16"	5.1
6"	2-1/2"	1620	3/8"	3/4"	UIR-0625-12-YY		UIT-0625-12-YY		3"	10.2
		1620	3/8"	1"	UIR-0625-16-YY		UIT-0625-16-YY		3"	10.2
		1620	3/8"	1"	UIR-0625-16-YY-SI				3"	10.2
		1620	3/8"	1-1/4"	UIR-0625-20-YY				3"	10.2
		1620	3/8"	3/4"	UIR-0625-12	UIB-0625-12	UIT-0625-12		3-1/2"	12.5
		1620	3/8"	1"	UIR-0625-16		UIT-0625-16		3-1/2"	12.5
		1620	3/8"	1"	UIR-0625-16-SI				3-1/2"	12.5
		1620	3/8"	1-1/4"	UIR-0625-20				3-1/2"	12.5

Wheel Diameter	Wheel Width	Capacity lbs.	Urethane Thickness	Axle Diameter	Straight Roller Bearing	Ball Bearing	Tapered Roller Bearing	Celcon Bearing	Hub Length	Approx Weight
6"	3"	2000	1/2"	3/4"	UIR-0630-12		UIT-0630-12		3-1/2"	13.7
		2000	1/2"	1"	UIR-0630-16		UIT-0630-16		3-1/2"	13.7
		2000	1/2"	1"	UIR-0630-16-SI				3-1/2"	13.7
		2000	1/2"	1-1/4"	UIR-0630-20				3-1/2"	13.7
8"	2"	1500	7/16"	1/2"	UIR-0820-08	UIB-0820-08		UIC-0820-08	2-7/16"	8.2
		1500	7/16"	5/8"	UIR-0820-10	UIB-0820-10		UIC-0820-10	2-7/16"	8.2
		1500	7/16"	3/4"	UIR-0820-12	UIB-0820-12		UIC-0820-12	2-7/16"	8.2
8"	2-1/2"	1800	3/8"	3/4"	UIR-0825-12-YY		UIT-0825-12-YY		3"	11
		1800	3/8"	1"	UIR-0825-16-YY		UIT-0825-16-YY		3"	11
		1800	3/8"	1"	UIR-0825-16-YY-SI				3"	11
		1800	3/8"	1-1/4"	UIR-0825-20-YY				3"	11
		1800	3/8"	3/4"	UIR-0825-12	UIB-0825-12	UIT-0825-12		3-1/2"	13.4
		1800	3/8"	1"	UIR-0825-16		UIT-0825-16		3-1/2"	13.4
		1800	3/8"	1"	UIR-0825-16-SI				3-1/2"	13.4
8"	3"	2500	1/2"	3/4"	UIR-0830-12	UIB-0830-12	UIT-0830-12		3-1/2"	17
		2500	1/2"	1"	UIR-0830-16		UIT-0830-16		3-1/2"	17
		2500	1/2"	1"	UIR-0830-16-SI				3-1/2"	17
		2500	1/2"	1-1/4"	UIR-0830-20				3-1/2"	17
8"	4"	3500	1/2"	1"	UIR-0840-16-SI		UIT-0840-16		4-1/2"	24
		3500	1/2"	1-1/4"	UIR-0840-20		UIT-0840-20		4-1/2"	24
		3500	1/2"	1-1/4"	UIR-0840-20-SI				4-1/2"	24
		3500	1/2"	1-1/2"	UIR-0840-24		UIT-0840-24		4-1/2"	24
10"	2-1/2"	2370	1/2"	3/4"	UIR-1025-12-YY		UIT-1025-12-YY		3"	17.3
		2370	1/2"	1"	UIR-1025-16-YY		UIT-1025-16-YY		3"	17.3
		2370	1/2"	1-1/4"	UIR-1025-20-YY				3"	17.3
		2370	1/2"	1"	UIR-1025-16-YY-SI				3"	17.3
		2370	1/2"	3/4"	UIR-1025-12	UIB-1025-12	UIT-1025-12		3-1/2"	19
		2370	1/2"	1"	UIR-1025-16		UIT-1025-16		3-1/2"	19
		2370	1/2"	1"	UIR-1025-16-SI				3-1/2"	19
10"	3"	3000	1/2"	3/4"	UIR-1030-12	UIB-1030-12	UIT-1030-12		3-1/2"	20.8
		3000	1/2"	1"	UIR-1030-16		UIT-1030-16		3-1/2"	20.8
		3000	1/2"	1"	UIR-1030-16-SI				3-1/2"	20.8
		3000	1/2"	1-1/4"	UIR-1030-20		UIT-1030-20		3-1/2"	20.8
10"	4"	4200	1"	1"	UIR-1040-16-SI		UIT-1040-16		4-1/2"	28
		4200	1"	1-1/4"	UIR-1040-20		UIT-1040-20		4-1/2"	28
		4200	1"	1-1/4"	UIR-1040-20-SI				4-1/2"	28
		4200	1"	1-1/2"	UIR-1040-24		UIT-1040-24		4-1/2"	28
10"	5"	5000	1/2"	1"	UIR-1050-16-SI		UIT-1050-16		5-1/2"	40
		5000	1/2"	1-1/4"	UIR-1050-20		UIT-1050-20		5-1/2"	40
		5000	1/2"	1-1/4"	UIR-1050-20-SI				5-1/2"	40
		5000	1/2"	1-1/2"	UIR-1050-24		UIT-1050-24		5-1/2"	40
12"	2-1/2"	2700	1/2"	3/4"	UIR-1225-12-YY		UIT-1225-12-YY		3"	28.8
		2700	1/2"	1"	UIR-1225-16-YY		UIT-1225-16-YY		3"	28.8
		2700	1/2"	1"	UIR-1225-16-YY-SI				3"	28.8
		2700	1/2"	1-1/4"	UIR-1225-20-YY				3"	28.8
12"	3"	3400	1/2"	3/4"	UIR-1230-12	UIB-1230-12	UIT-1230-12		3-1/2"	31.5
		3400	1/2"	1"	UIR-1230-16		UIT-1230-16		3-1/2"	31.5
		3400	1/2"	1"	UIR-1230-16-SI				3-1/2"	31.5
		3400	1/2"	1-1/4"	UIR-1230-20		UIT-1230-20		3-1/2"	31.5
12"	3-1/2"	4100	1/2"	1-1/4"	UIR-1235-20		UIT-1235-20		4-1/2"	32
		4800	1"	1"	UIR-1240-16-SI		UIT-1240-16		4-1/2"	35.6
		4800	1"	1-1/4"	UIR-1240-20		UIT-1240-20		4-1/2"	35.6
		4800	1"	1-1/4"	UIR-1240-20-SI				4-1/2"	35.6
12"	4"	4800	1"	1-1/2"	UIR-1240-24		UIT-1240-24		4-1/2"	35.6
		6000	1"	1"	UIR-1250-16-SI		UIT-1250-16		5-1/2"	65
		6000	1"	1-1/4"	UIR-1250-20		UIT-1250-20		5-1/2"	65
		6000	1"	1-1/4"	UIR-1250-20-SI				5-1/2"	65
12"	5"	6000	1"	1-1/2"	UIR-1250-24		UIT-1250-24		5-1/2"	65
		7500	1"	1"	UIR-1260-16-SI		UIT-1260-16		6-1/2"	70
		7500	1"	1-1/4"	UIR-1260-20		UIT-1260-20		6-1/2"	70
		7500	1"	1-1/2"	UIR-1260-24		UIT-1260-24		6-1/2"	70
14"	3"	4300	1"	3/4"	UIR-1430-12	UIB-1430-12	UIT-1430-12		3-1/2"	28.6
		4300	1"	1"	UIR-1430-16		UIT-1430-16		3-1/2"	28.6
		4300	1"	1"	UIR-1430-16-SI				3-1/2"	28.6
		4300	1"	1-1/4"	UIR-1430-20				3-1/2"	28.6
14"	6"	7800	1"	1-1/4"	UIR-1460-20		UIT-1460-20		6-1/2"	69
		6000	1"	1"	UIR-1640-16-SI		UIT-1640-16		4-1/2"	51
		6000	1"	1-1/4"	UIR-1640-20		UIT-1640-20		4-1/2"	51
		6000	1"	1-1/4"	UIR-1640-20-SI				4-1/2"	51
16"	4"	6000	1"	1-1/2"	UIR-1640-24		UIT-1640-24		4-1/2"	51
		8400	1"	1"	UIR-1650-16-SI		UIT-1650-16		5-1/2"	70
		8400	1"	1-1/4"	UIR-1650-20		UIT-1650-20		5-1/2"	70
		8400	1"	1 1/4"	UIR-1650-20-SI				5-1/2"	70
16"	5"	8400	1"	1-1/2"	UIR-1650-24		UIT-1650-24		5-1/2"	70
		8600	1"	1"	UIR-1850-16-SI		UIT-1850-16		5-1/2"	90
		8600	1"	1-1/4"	UIR-1850-20		UIT-1850-20		5-1/2"	90
		8600	1"	1-1/4"	UIR-1850-20-SI				5-1/2"	90
18"	5"	8600	1"	1-1/2"	UIR-1850-24		UIT-1850-24		5-1/2"	90
		9000	2"	1"	UIR-2050-16-SI		UIT-2050-16		5-1/2"	100
		9000	2"	1-1/4"	UIR-2050-20		UIT-2050-20		5-1/2"	100
		9000	2"	1-1/4"	UIR-2050-20-SI				5-1/2"	100
20"	5"	9000	2"	1-1/2"	UIR-2050-24		UIT-2050-24		5-1/2"	100

HYPERFLEX 80A WHEELS

Ultra elastic high rebound soft tread polyurethane wheels are a great solution for floor protection, noise reduction and lateral grip in towed applications.

FEATURES

Wheel Bearings	Choice of straight roller or sealed ball bearings
Temperature Range	-40°to+180°F
Hardness	80 Shore A Durometer

Contact the factory for additional sizes and options.



UIR-0820-08-80A

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Roller Bearing	Ball Bearing	Hub Length	Approx Weight lbs.
4"	2"	600	1/2"	UIR-0420-08-80A	UIB-0420-08-80A	2-7/16"	3.2
5"	2"	800	1/2"	UIR-0520-08-80A	UIB-0520-08-80A	2-7/16"	4.2
6"	2"	950	1/2"	UIR-0620-08-80A	UIB-0620-08-80A	2-7/16"	5.1
8"	2"	1200	1/2"	UIR-0820-08-80A	UIB-0820-08-80A	2-7/16"	8.2

EXTRAGLIDE 70D WHEELS

RWM's 70D Hard tread polyurethane wheels are great for ergonomic applications requiring a robust wheel while keeping push/pull numbers to a minimum.

FEATURES

Wheel Bearings	Choice of straight roller or sealed ball bearings
Temperature Range	-40°to+180°F
Hardness	70 Shore D Durometer

Contact the factory for additional sizes and options.



UIR-0820-08-70D

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Roller Bearing	Ball Bearing	Hub Length	Approx Weight lbs.
4"	2"	900	1/2"	UIR-0420-08-70D	UIB-0420-08-70D	2-7/16"	3.2
5"	2"	1250	1/2"	UIR-0520-08-70D	UIB-0520-08-70D	2-7/16"	4.2
6"	2"	1400	1/2"	UIR-0620-08-70D	UIB-0620-08-70D	2-7/16"	5.1
8"	2"	1750	1/2"	UIR-0820-08-70D		2-7/16"	8.2

WHEELS

URETHANE

ENGINEERED TO OUTPERFORM

UP TO 1,750 LBS CAPACITY

URETHANE ON ALUMINUM WHEELS

UA WHEELS

RWM Casters Urethane on Aluminum Wheels roll easier and outlast rubber wheels. Our urethane treads are a high quality liquid cast polyurethane chemically bonded to our aluminum cores. Aluminum cores do not rust, but can corrode when exposed to certain cleaners and solvents (use MU solid Urethane Wheels as an alternative). Aluminum cores have an attractive, strong metallic look. We crown the wheels slightly to reduce the energy needed to turn the wheel when under a heavy load. All RWM Urethane on Aluminum Wheels offer outstanding abrasion resistance, oil, and chemical resistance. In addition, these wheels are non-marking and protect floors. Many have found these wheels provide excellent rollability and are versatile enough to use on a variety of floor surfaces. Our premium PT-MEG urethane provides longer service life, better wear and tear characteristics and rejects floor debris.



UAR-0620-19

FEATURES

Wheel Bearings	Choice of straight roller, or celcon
Temperature Range	-40°to +180°F
Hub Lengths	Can be lengthened or shortened to order
Hardness	92 Shore A Durometer

OPTIONS

GUARDS	
TG	Thread Guard*
SEALS	
WS	Wheel Seals (RB)
SEALS	
ZF	Zerk Fittings

APPLICATIONS

This high quality Urethane on Aluminum is a popular wheel for wash-down applications, and on carts that may be left and used outdoors.

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Urethane Thickness	Roller Bearing	Celcon Bearing	Hub Length	Approx Weight lbs.
3-1/2"	1-1/2"	420	1/2"	5/16"	UAR-3515-08	UAC-3515-08	1-7/8"	1.1
		420	5/8"	5/16"	UAR-3515-10	UAC-3515-10	1-7/8"	1.1
		420	3/4"	5/16"	UAR-3515-12	UAC-3515-12	1-7/8"	1.1
4"	1-1/2"	600	1/2"	1/2"	UAR-0415-08	UAC-0415-08	1-7/8"	1.2
		600	5/8"	1/2"	UAR-0415-10	UAC-0415-10	1-7/8"	1.2
		600	3/4"	1/2"	UAR-0415-12	UAC-0415-12	1-7/8"	1.2
4"	2"	700	1/2"	1/2"	UAR-0420-08	UAC-0420-08	2-7/16"	1.6
		700	5/8"	1/2"	UAR-0420-10	UAC-0420-10	2-7/16"	1.6
		700	3/4"	1/2"	UAR-0420-12	UAC-0420-12	2-7/16"	1.6
5"	1-1/2"	720	1/2"	1/2"	UAR-0515-08	UAC-0515-08	1-7/8"	1.6
		720	5/8"	1/2"	UAR-0515-10	UAC-0515-10	1-7/8"	1.6
		720	3/4"	1/2"	UAR-0515-12	UAC-0515-12	1-7/8"	1.6
5"	2"	1050	1/2"	7/16"	UAR-0520-08	UAC-0520-08	2-7/16"	2
		1050	5/8"	7/16"	UAR-0520-10	UAC-0520-10	2-7/16"	2
		1050	3/4"	7/16"	UAR-0520-12	UAC-0520-12	2-7/16"	2
6"	2"	1230	1/2"	3/8"	UAR-0620-08	UAC-0620-08	2-7/16"	2.4
		1230	5/8"	3/8"	UAR-0620-10	UAC-0620-10	2-7/16"	2.4
		1230	3/4"	3/8"	UAR-0620-12	UAC-0620-12	2-7/16"	2.4
8"	2"	1500	1/2"	7/16"	UAR-0820-08	UAC-0820-08	2-7/16"	3.4
		1500	5/8"	7/16"	UAR-0820-10	UAC-0820-10	2-7/16"	3.4
		1500	3/4"	7/16"	UAR-0820-12	UAC-0820-12	2-7/16"	3.4

WHEELS

URETHANE

ENGINEERED TO OUTPERFORM

UP TO 1,500 LBS CAPACITY



The Torus Wheel™ offers a rounded tread that provides easy turning under heavy loads. The Torus Wheel™ features our premium PTMEG urethane tread, 92 on the Shore-A scale that is mechanically and chemically bonded to a light-weight sturdy aluminum core. This prevents tread separation and ensures maximum service life especially in demanding continuous use applications. The Torus Wheel™ has an aluminum core that provides a lightweight, long-lasting attractive alternative to cast iron.

FEATURES

Wheel Bearings	Sealed percision bearing
Temperature Range	-40°to +180°F
Hardness	Standard 92 Shore A (Blue) Optional 8" 85 Shore A (Red) Optional 8" 70 Shore D (Black)

APPLICATIONS

The Torus Wheel™ is an exceptional wheel for continuous towline applications. It was developed specifically for automotive manufacturing assembly lines. This wheel offers excellent floor protection, noise reduction and is able to roll over small debris.



UAB-0821-08-92A

Reduce your push/pull requirements and **improve ergonomics** with the RWM Torus wheel. Contact RWM about test data and additional information for your application at 800-634-7704.

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Celcon Bearing	Hub Length	Approx Weight lbs.
4"	2"	700	1/2"	UAB-0421-08-92A	2-7/16"	1.5
5"	2"	1050	1/2"	UAB-0521-08-92A	2-7/16"	2.4
6"	2"	1230	1/2"	UAB-0621-08-92A	2-7/16"	3.1
8"	2"	1000	1/2"	UAB-0821-08-85A	2-7/16"	4.7
	2"	1000	1/2"	UAB-0821-08-70D	2-7/16"	4.7
	2"	1500	1/2"	UAB-0821-08-92A	2-7/16"	4.7



AUTOMOTIVE WHEELS

RWM specializes in solutions for demanding automotive and ergonomic industrial applications. In addition to our Torus and Ergo GT wheels these wheels are used for towlines and cellular work areas throughout the industry. These wheels offer a quieter alternative with additional polyurethane material for superior ride quality, service life and sound dampening. These can be utilized on rigid casters to prevent sliding at higher speeds around sharp corners and pair well with Torus wheels on the swivel casters to keep push/pull to a minimum. Contact RWM today for help with the best possible setup for your application needs.

FEATURES

Wheel Bearings	Sealed percision ball bearing
Temperature Range	-40°to +180°F
Hardness	75 Shore A (Red - Flat Tread) 85 Shore A (Tan - Crown Tread)



UAB-0820-08-75A

UAB-0820-08-85A

Wheel Diameter	Wheel Width	Capacity	Axle Diameter	Celcon Bearing	Hub Length	Approx Weight
8"	2"	950	1/2"	UAB-0820-08-75A	2-7/16"	3.9
8"	2"	1050	1/2"	UAB-0820-08-85A	2-7/16"	3.9

INFINITY VULKOLLAN® WHEELS

WHEELS

URETHANE

ENGINEERED TO OUTPERFORM

RWM Casters Infinity Wheels are made from the highest quality Vulkollan® polyurethane in the world. These industrial strength wheels have exceptional abrasion resistance and high tear strength. Load capacities are greater than similarly designed wheels, enabling the use of a smaller diameter wheel if required. The Infinity Vulkollan® Wheels are excellent for towing applications.

Our Infinity Vulkollan® Wheels are resistant to a wide range of oils, greases and chemical, but are sensitive to hydrolyzing agents such as hot water, steam and hot moist air, strong acids, alcohols and high humidity. They offer excellent recovery from long periods of heavy static loading combined with low rolling resistance and floor saving tread.

FEATURES

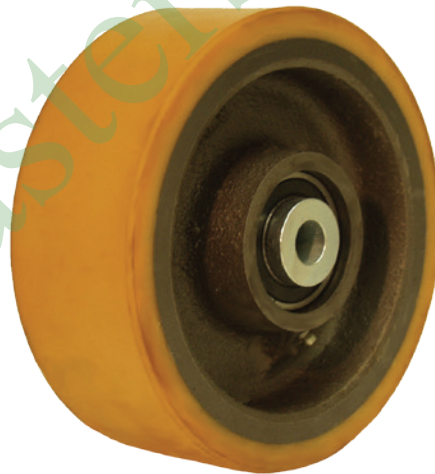
Wheel Bearings	Choice of precision ball or tapered roller bearings
Temperature Range	-20°F to 200°F
Hardness	93 Durometer Shore A
Finish	Amber tread on cast iron core. The color of Vulkollan® polyurethane will change over time and exposure to UV rays from a light amber to a very dark brown.

APPLICATIONS

- Highest Quality Vulkollan® Polyurethane in the World!
- High Dynamic Load Capacity
- Superior Tear Resistance
- Exceptional Abrasion Resistance
- Extremely Durable Ergonomic / Easy to Roll
- Superior Rebound Resilience
- Superior Ozone, Grease and Oils Resistance
- Extremely Reliable
- Superior Structural Strength
- Reduced Downtime and Maintenance Costs



UIB-0820-12-INF



UIB-0830-12-INF

*There's no need to add an option for microbial resistance; through the use of superior polyurethane, RWM wheels are equipped to resist buildup from the factory.

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Tread Thickness	Sealed Precision Ball Bearing	Tapered Roller Bearing	Hub Length	Approx Weight lbs.
8"	2"	2000	1/2"	3/8"	UIB-0820-08-INF		2.10"	10
		2000	5/8"	3/8"	UIB-0820-10-INF		2.10"	10
		2500	3/4"	3/8"	UIB-0820-12-INF		2.10"	10
		2500	1"	3/8"	UIB-0820-16-INF		2.10"	10
8"	3"	4000	3/4"	5/8"	UIB-0830-12-INF	UIT-0830-12-INF	3.5"	15
		4000	1"	5/8"	UIB-0830-16-INF	UIT-0830-16-INF	3.5"	15
		4000	1-1/4"	5/8"		UIT-0830-20-INF	3.5"	15
10"	3"	5000	3/4"	1/2"	UIB-1030-12-INF	UIT-1030-12-INF	3.5"	22
		5000	1"	1/2"	UIB-1030-16-INF	UIT-1030-16-INF	3.5"	22
		5000	1-1/4"	1/2"	UIB-1030-20-INF	UIT-1030-20-INF	3.5"	22
10"	4"	6800	1-1/4"	1"	UIB-1040-20-INF		4.5"	28

UP TO 6,800 LBS CAPACITY

OMEGA WHEELS

The Omega Wheel is a patented urethane wheel developed for towline caster applications such as automotive plants to provide noise reduction and shock absorbing capabilities through a web / spoke design. The Omega Wheel can carry high loads at high speeds, retains its bond at high speeds which increases the service life of your equipment, resists chunking and tearing when traveling over rough surfaces and sharp objects like standard polyurethane wheels do. The result is a reduction in maintenance costs due to the wheel lasting longer. The Omega Wheel will roll over metal chips and floor debris without embedding the material into the tread as standard polyurethane wheels do, resulting in quieter wheel revolution and cleaner floors. Omega Wheels eliminate the need for spring load casters and are built to industry standards and can be retrofitted to any caster rig using the same size wheels. Overall, the Omega Wheel will provide longer service life, reduce maintenance costs, reduce noise, and operate for a fraction of the cost of standard polyurethane wheels over time. These industrial wheels are proudly Made in the USA.

FEATURES

Wheel Bearings	Choice of straight roller bearing, tapered or ball bearings
Temperature Range	-40°F to 180°F
Hardness	95 Shore A Durometer

What Makes the Omega Wheel Different?

The Omega Wheel is different from other wheels due to the fact that it achieves its enhanced impact absorbing capabilities through a web/spoke structure, which is designed to buckle at deflections above a pre-described operating deflection. The web and spokes buckle in a localized area of the wheel. Due to the supreme elasticity of the specially formulated polyurethane, the web and spokes return to their original configuration and continue to carry load. Because of this designed-in critical deflection limit, the structure is not capable of prolonged operation at loads above its rated load. However, the Omega is capable of random, complete localized deflections to the cast core without permanent damage. Literally speaking, this means that the Omega Wheel can withstand loads above its capacity for short periods of time, whether the wheel is moving or not, without permanent damage to the tread.

Advantages of Omega Wheels

Here are some of the benefits and advantages the Omega Wheel can offer over standard polyurethane wheel designs:

1. Retains Bond at High Speed

Under load the Omega Wheel was tested at 17.5 mph for a period of twenty minutes. The wheel showed no signs of damage after that period. A standard poly-



UOR-0820-19

APPLICATIONS

Automotive Plants	Noise Reduction
Towline Applications	Shock Absorption

urethane wheel was tested using the same criteria and the polyurethane delaminated after five minutes resulting in complete failure. Bond failure is the number one cause of polyurethane wheel failure. The Omega Wheel increases the service life of equipment using polyurethane wheels and keeps your equipment productive.

2. Reduces Noise

The Omega Wheel flexes when it encounters obstacles and absorbs the impact that generally is transferred to the equipment riding on the casters. The results are quieter working environments for your employees. Until now, noise reduction of casters has been achieved using shear discs. The Omega Wheel eliminates the need for these expensive shear discs. Using a spacer reducer, the Omega Wheel can be installed in any rig currently using the shear discs configuration.

3. Omega Tread Resists Chunking & Tearing

Due to the specially formulated polymers and its built-in, resilient design, the Omega Wheel is able to travel over rough surfaces and sharp objects without chunking or tearing as standard polyurethane wheels do. The result is a reduction in maintenance costs because the Omega Wheel lasts longer than standard polyurethane wheels.

4. Does Not Pick up Metal Chips

The Omega Wheel is resilient enough to roll over

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Straight Roller Bearing	Ball Bearing	Tapered Roller Bearing	Hub Length	Approx Weight lbs.
6"	2"	1000	1/2"	UOR-0620-08	UOB-0620-08	UOT-0620-08	2-7/16"	5
		1000	3/4"	UOR-0620-12		UOT-0620-12	2-7/16"	5
8"	2"	1200	1/2"	UOR-0820-08	UOB-0820-08	UOT-0820-08	2-7/16"	9
		1200	3/4"	UOR-0820-12		UOT-0820-12	2-7/16"	9
8"	3"	1600	3/4"	UOR-0830-12	UOB-0830-12	UOT-0830-12	3-1/2"	13
		1600	1"	UOR-0830-16		UOT-0830-16	3-1/2"	13
		1600	1-1/4"			UOT-0830-20	3-1/2"	13
10"	3"	2000	3/4"	UOR-1030-12	UOB-1030-12	UOT-1030-12	3-1/2"	21.2
		2000	1"	UOR-1030-16		UOT-1030-16	3-1/2"	21.2
		2000	1-1/4"			UOT-1030-20	3-1/2"	21.2

metal chips and floor debris without embedding the material into the tread as happens with standard polyurethane wheels. This results in quieter wheel revolution and cleaner floors in your plant.

5. Eliminated Need for Spring Load Casters

Due to the unique, patented web and spoke structure, the wheel is capable of rolling over a 1/2" bar without changing the axle line. This results in a more economical caster design than spring load casters for absorbing impact in a variety of sizes.

6. Simplified Installation

The Omega Wheels are built to industry standards and therefore, can be retrofitted to any caster rig using the same size wheel.

7. Cost Effective

When you consider the previous benefits in their totality, you will see that the Omega Wheel will provide longer service life, reduce maintenance costs, reduce noise, and in general operate for a fraction of the cost of standard polyurethane wheels over time.

Field Test Results

The Omega Wheel has been tested and used extensively at automotive plants. The material handling department at a major automotive engine and fuel tanks plant was experiencing a high rate of hearing loss injuries. It was observed that stock trailers generated a great deal of noise when towed. Testing confirmed that empty trailers generated noise at about 114 cbA TWA- a level equivalent to a jackhammer, and well above OSHA guidelines. It was also noted that these same stock trailers were contributing to plant cleaning problems. This was due to chunking of existing caster wheels and their picking up of waste materials and debris. Finally, incidences of excessive scrap generation in certain critical machining and grinding operations were traced to floor vibrations. These were determined to be caused by passing stock trailers which had worn or damaged caster wheels.

Results of Omega Installation

Four in-line stock trailers were pulled by a tow vehicle on a test course set up in the receiving area of the automotive plant. Trailers were tested empty, and then loaded with two baskets of cylinder block castings. The empty weight of each trailer was estimated at 800 lbs., and loaded weight was 9720 lbs. Two Quest Model M27 12EE Noise Meters were used to measure the noise generated by the trailers. One was handheld about six feet from the test route and measured noise over a distance of 150 feet. The second meter was mounted under the center of the second stock trailer. Three laps were made while accumulating the test data. After running the loaded and unloaded tests with standard single wheel casters, then two Omega Wheels mounted in dual Kingpinless™ casters were fitted on the same trailers for the second series of tests.

Conclusions

The conclusion of the automotive plant's study showed that in aggregate, empty trailers averaged a reduction of 13.2 dbA with Omega Wheels. From the position of operators and bystanders, the Omega Wheels reduced noise by 13.8 dbA. Loaded trailers averaged a reduction of 4.6 dbA with Omega Wheels. For operators and bystanders, a 4.8 dbA noise reduction was achieved with the Omega Wheels. Visual inspection of the Omega Wheels during later use confirmed that they exhibited improved resistance to chunking and they did not pick up debris from the plant floor as readily as the standard casters. Finally, vibration measurements at critical machining operations showed a significant reduction in scrap generation or down-time when trailers equipped with Omega Wheels passed by. This was attributed to the Omega Wheel's ability to provide a smooth ride for the trailers and their resistance to chunking or picking up of foreign materials.

The Omega Wheel is an innovative product that will make a huge impact on caster manufacturing as well as its customers and users. The Omega Wheel is made available today ONLY by RWM, the caster innovator.

ULTRA THICK URETHANE WHEELS

Ultra Thick Urethane wheels solve performance applications previously requiring press-on wheels. The thick tread reduces contact stresses in the polyurethane during high loading and towing, which reduces tread chunking. These liquid cast wheels feature a chemical and mechanical lock between the core and the urethane. Our Premium PTMEG urethane provides longer service life, better wear and tear characteristics and rejects floor debris.

FEATURES

Wheel Bearings	Choice of precision ball or tapered roller bearings
Temperature Range	-40° to 180°F
Hub Length	Can be shortened or lengthened to order
Hardness	92 durometer Shore A (Blue)
Bores	Sizes can be altered
Keyways	Can be installed on most sizes

APPLICATIONS

Ultra Thick Urethane wheels provide a softer ride and quiet operation due to tread thickness and are good for towing applications. These wheels are non-marking to floors, provide outstanding abrasion resistance, and are resistant to most chemicals.



UTT-1040-20

OPTIONS









DUROMETER









- 70D** Optional Durometer (Black)
- 80A** Optional Durometer (Red)

SEALS

- WS** Wheel Seals

*There's no need to add an option for microbial resistance; through the use of superior polyurethane, RWM wheels are equipped to resist buildup from the factory.

 Wheel Diameter	 Wheel Width	 Capacity at 3mph/6mph/10mph	 Axle Diameter	Tread Thickness	 Sealed Precision Ball Bearing	 Tapered Roller Bearing	 Hub Length	 Approx Weight
8"	3"	2600/2300/1600	3/4"	1-1/2"	UTR-0830-12	UTT-0830-12	3-1/2"	18
		2600/2300/1600	1"	1-1/2"	UTR-0830-16	UTT-0830-16	3-1/2"	18
		2600/2300/1600	1-1/4"	1-1/2"	UTR-0830-20	UTT-0830-20	3-1/2"	18
10"	3"	3400/2800/2000	3/4"	1-1/2"	UTR-1030-12	UTT-1030-12	3-1/2"	21
		3400/2800/2000	1"	1-1/2"	UTR-1030-16	UTT-1030-16	3-1/2"	21
		3400/2800/2000	1-1/4"	1-1/2"	UTR-1030-20	UTT-1030-20	3-1/2"	21
		3400/2800/2000	1-1/2"	1-1/2"	UTR-1030-24	UTT-1030-24	3-1/2"	21
10"	4"	4500/3800/2700	1"	1-1/2"	UTR-1040-16	UTT-1040-16	4-1/2"	45
		4500/3800/2700	1-1/4"	1-1/2"	UTR-1040-20	UTT-1040-20	4-1/2"	45
		4500/3800/2700	1-1/2"	1-1/2"	UTR-1040-24	UTT-1040-24	4-1/2"	45
12"	3"	4100/3400/2600	3/4"	2"	UTR-1230-12	UTT-1230-12	3-1/2"	38
		4100/3400/2600	1"	2"	UTR-1230-16	UTT-1230-16	3-1/2"	38
		4100/3400/2600	1-1/4"	2"	UTR-1230-20	UTT-1230-20	3-1/2"	38
		4100/3400/2600	1-1/2"	2"	UTR-1230-24	UTT-1230-24	3-1/2"	38
12"	4"	5300/4300/3000	1"	2"	UTR-1240-16	UTT-1240-16	4-1/2"	43
		5300/4300/3000	1-1/4"	2"	UTR-1240-20	UTT-1240-20	4-1/2"	43
		5300/4300/3000	1-1/2"	2"	UTR-1240-24	UTT-1240-24	4-1/2"	43
12"	5"	6500/5300/3600	1"	1-1/2"	UTR-1250-16	UTT-1250-16	5-1/2"	64
		6500/5300/3600	1-1/4"	1-1/2"	UTR-1250-20	UTT-1250-20	5-1/2"	64
		6500/5300/3600	1-1/2"	1-1/2"	UTR-1250-24	UTT-1250-24	5-1/2"	64
14"	3"	4800/4300/3000	3/4"	1"	UTR-1430-12	UTT-1430-12	3-1/2"	46
		4800/4300/3000	1"	1"	UTR-1430-16	UTT-1430-16	3-1/2"	46
		4800/4300/3000	1-1/4"	1"	UTR-1430-20	UTT-1430-20	3-1/2"	46
		4800/4300/3000	1-1/2"	1"	UTR-1430-24	UTT-1430-24	3-1/2"	46
14"	4"	6200/4800/3400	1"	2"	UTR-1440-16	UTT-1440-16	4-1/2"	58
		6200/4800/3400	1-1/4"	2"	UTR-1440-20	UTT-1440-20	4-1/2"	58
		6200/4800/3400	1-1/2"	2"	UTR-1440-24	UTT-1440-24	4-1/2"	58
14"	5"	7600/6400/4500	1"	2"	UTR-1450-16	UTT-1450-16	5-1/2"	65
		7600/6400/4500	1-1/4"	2"	UTR-1450-20	UTT-1450-20	5-1/2"	65
		7600/6400/4500	1-1/2"	2"	UTR-1450-24	UTT-1450-24	5-1/2"	65
14"	6"	9000/7800/5300	1"	1-3/8"	UTR-1460-16	UTT-1460-16	6-1/2"	88
		9000/7800/5300	1-1/4"	1-3/8"	UTR-1460-20	UTT-1460-20	6-1/2"	88
		9000/7800/5300	1-1/2"	1-3/8"	UTR-1460-24	UTT-1460-24	6-1/2"	88
16"	3"	5400/4600/3200	3/4"	2"	UTR-1630-12	UTT-1630-12	3-1/2"	32
		5400/4600/3200	1"t	2"	UTR-1630-16	UTT-1630-16	3-1/2"	32
		5400/4600/3200	1-1/4"	2"	UTR-1630-20	UTT-1630-20	3-1/2"	32
		5400/4600/3200	1-1/2"	2"	UTR-1630-24	UTT-1630-24	3-1/2"	32
16"	4"	7100/5400/3800	1"	2-3/8"	UTR-1640-16	UTT-1640-16	4-1/2"	60
		7100/5400/3800	1-1/4"	2-3/8"	UTR-1640-20	UTT-1640-20	4-1/2"	60
		7100/5400/3800	1-1/2"	2-3/8"	UTR-1640-24	UTT-1640-24	4-1/2"	60
16"	5"	8800/8400/5600	1"	3"	UTR-1650-16	UTT-1650-16	5-1/2"	80
		8800/8400/5600	1-1/4"	3"	UTR-1650-20	UTT-1650-20	5-1/2"	80
		8800/8400/5600	1-1/2"	3"	UTR-1650-24	UTT-1650-24	5-1/2"	80
16"	6"	10300/8800/6100	1"	2"	UTR-1660-16	UTT-1660-16	6-1/2"	98
		10300/8800/6100	1-1/4"	2"	UTR-1660-20	UTT-1660-20	6-1/2"	98
		10300/8800/6100	1-1/2"	2"	UTR-1660-24	UTT-1660-24	6-1/2"	98

 Wheel Diameter	 Wheel Width	 Capacity at 3mph/6mph/10mph	 Axle Diameter	Tread Thickness	 Sealed Precision Ball Bearing	 Tapered Roller Bearing	 Hub Length	 Approx Weight
8"	3"	2600/2300/1600	3/4"	1-1/2"	UTR-0830-12	UTT-0830-12	3-1/2"	18
		2600/2300/1600	1"	1-1/2"	UTR-0830-16	UTT-0830-16	3-1/2"	18
		2600/2300/1600	1-1/4"	1-1/2"	UTR-0830-20	UTT-0830-20	3-1/2"	18
10"	3"	3400/2800/2000	3/4"	1-1/2"	UTR-1030-12	UTT-1030-12	3-1/2"	21
		3400/2800/2000	1"	1-1/2"	UTR-1030-16	UTT-1030-16	3-1/2"	21
		3400/2800/2000	1-1/4"	1-1/2"	UTR-1030-20	UTT-1030-20	3-1/2"	21
		3400/2800/2000	1-1/2"	1-1/2"	UTR-1030-24	UTT-1030-24	3-1/2"	21
10"	4"	4500/3800/2700	1"	1-1/2"	UTR-1040-16	UTT-1040-16	4-1/2"	45
		4500/3800/2700	1-1/4"	1-1/2"	UTR-1040-20	UTT-1040-20	4-1/2"	45
		4500/3800/2700	1-1/2"	1-1/2"	UTR-1040-24	UTT-1040-24	4-1/2"	45
12"	3"	4100/3400/2600	3/4"	2"	UTR-1230-12	UTT-1230-12	3-1/2"	38
		4100/3400/2600	1"	2"	UTR-1230-16	UTT-1230-16	3-1/2"	38
		4100/3400/2600	1-1/4"	2"	UTR-1230-20	UTT-1230-20	3-1/2"	38
		4100/3400/2600	1-1/2"	2"	UTR-1230-24	UTT-1230-24	3-1/2"	38
12"	4"	5300/4300/3000	1"	2"	UTR-1240-16	UTT-1240-16	4-1/2"	43
		5300/4300/3000	1-1/4"	2"	UTR-1240-20	UTT-1240-20	4-1/2"	43
		5300/4300/3000	1-1/2"	2"	UTR-1240-24	UTT-1240-24	4-1/2"	43
12"	5"	6500/5300/3600	1"	1-1/2"	UTR-1250-16	UTT-1250-16	5-1/2"	64
		6500/5300/3600	1-1/4"	1-1/2"	UTR-1250-20	UTT-1250-20	5-1/2"	64
		6500/5300/3600	1-1/2"	1-1/2"	UTR-1250-24	UTT-1250-24	5-1/2"	64
14"	3"	4800/4300/3000	3/4"	1"	UTR-1430-12	UTT-1430-12	3-1/2"	46
		4800/4300/3000	1"	1"	UTR-1430-16	UTT-1430-16	3-1/2"	46
		4800/4300/3000	1-1/4"	1"	UTR-1430-20	UTT-1430-20	3-1/2"	46
		4800/4300/3000	1-1/2"	1"	UTR-1430-24	UTT-1430-24	3-1/2"	46
14"	4"	6200/4800/3400	1"	2"	UTR-1440-16	UTT-1440-16	4-1/2"	58
		6200/4800/3400	1-1/4"	2"	UTR-1440-20	UTT-1440-20	4-1/2"	58
		6200/4800/3400	1-1/2"	2"	UTR-1440-24	UTT-1440-24	4-1/2"	58
14"	5"	7600/6400/4500	1"	2"	UTR-1450-16	UTT-1450-16	5-1/2"	65
		7600/6400/4500	1-1/4"	2"	UTR-1450-20	UTT-1450-20	5-1/2"	65
		7600/6400/4500	1-1/2"	2"	UTR-1450-24	UTT-1450-24	5-1/2"	65
14"	6"	9000/7800/5300	1"	1-3/8"	UTR-1460-16	UTT-1460-16	6-1/2"	88
		9000/7800/5300	1-1/4"	1-3/8"	UTR-1460-20	UTT-1460-20	6-1/2"	88
		9000/7800/5300	1-1/2"	1-3/8"	UTR-1460-24	UTT-1460-24	6-1/2"	88
16"	3"	5400/4600/3200	3/4"	2"	UTR-1630-12	UTT-1630-12	3-1/2"	32
		5400/4600/3200	1"	2"	UTR-1630-16	UTT-1630-16	3-1/2"	32
		5400/4600/3200	1-1/4"	2"	UTR-1630-20	UTT-1630-20	3-1/2"	32
		5400/4600/3200	1-1/2"	2"	UTR-1630-24	UTT-1630-24	3-1/2"	32
16"	4"	7100/5400/3800	1"	2-3/8"	UTR-1640-16	UTT-1640-16	4-1/2"	60
		7100/5400/3800	1-1/4"	2-3/8"	UTR-1640-20	UTT-1640-20	4-1/2"	60
		7100/5400/3800	1-1/2"	2-3/8"	UTR-1640-24	UTT-1640-24	4-1/2"	60
16"	5"	8800/8400/5600	1"	3"	UTR-1650-16	UTT-1650-16	5-1/2"	80
		8800/8400/5600	1-1/4"	3"	UTR-1650-20	UTT-1650-20	5-1/2"	80
		8800/8400/5600	1-1/2"	3"	UTR-1650-24	UTT-1650-24	5-1/2"	80
16"	6"	10300/8800/6100	1"	2"	UTR-1660-16	UTT-1660-16	6-1/2"	98
		10300/8800/6100	1-1/4"	2"	UTR-1660-20	UTT-1660-20	6-1/2"	98
		10300/8800/6100	1-1/2"	2"	UTR-1660-24	UTT-1660-24	6-1/2"	98

WHISPER WHEELS

UW WHEELS

The Whisper Wheel, a Heavy Duty Urethane on Iron Wheel, is a unique design in which one inch of urethane is molded to a specially machined cast iron core. The core is uniquely machined and the urethane is mechanically and chemically bonded to the core. This unique design provides you with a wheel that is longer wearing than standard urethane wheel designs, resists lateral delamination of the tread and reduces noise and provides a quiet ride. Our Premium PTMEG urethane used in the design of the Whisper Wheel provides longer service life, better wear and tear characteristics and rejects floor debris.



UWT-0830-12

FEATURES

Wheel Bearings	Choice of straight roller bearing, tapered or ball bearings
Temperature Range	-40°F to 180°F
Hardness	92 Durometer Shore A (Blue)
Bores	Sizes can be altered
Keyways	Can be installed on most sizes

APPLICATIONS

- Automotive plants and towline applications
- Applications needing lower noise levels
- Applications needing improved floor protection
- Applications where heavy loads and continuous use cause standard poly wheels to heat up and degrade

OPTIONS

DUROMETER	
70D	Optional Durometer (Black)
80A	Optional Durometer (Red)
90A	Optional Durometer (Maroon)
GUARDS	
TG	Thread Guard on 2" wheels
SPANNERS	
SI	Spanner Included
SEALS	
WS	Wheel Seals
FITTINGS	
ZF	Zerk Fittings

Wheel Diameter	Wheel Width	Urethane Thickness	Capacity		Axle Diameter	Straight Roller Bearing	Ball Bearing	Tapered Roller Bearing	Hub Length	Approx Weight lbs.
			92A	90A						
8"	2"	1"	1500	1500	1/2"	UWR-0820-08	UWB-0820-08	UWT-0820-08	2-7/16"	10
		1"	1500	1500	5/8"	UWR-0820-10			2-7/16"	10
		1"	1500	1500	3/4"	UWR-0820-12		UWT-0820-12	2-7/16"	10
8"	3"	3/4"	3000	3000	3/4"	UWR-0830-12	UWB-0830-12	UWT-0830-12	3-1/2"	20
		3/4"	3000	3000	1"	UWR-0830-16		UWT-0830-16	3-1/2"	20
		3/4"	3000	3000	1"	UWR-0830-16-SI			3-1/2"	20
		3/4"	3000	3000	1-1/4"	UWR-0830-20			3-1/2"	20
10"	3"	1"	3410	3410	3/4"	UWR-1030-12	UWB-1030-12	UWT-1030-12	3-1/2"	23
		1"	3410	3410	1"	UWR-1030-16		UWT-1030-16	3-1/2"	23
		1"	3410	3410	1"	UWR-1030-16-SI			3-1/2"	23
		1"	3410	3410	1-1/4"	UWR-1030-20		UWT-1030-20	3-1/2"	23
12"	3"	1"	4100	4100	3/4"	UWR-1230-12	UWB-1230-12	UWT-1230-12	3-1/2"	31
		1"	4100	4100	1"	UWR-1230-16	UWB-1230-16	UWT-1230-16	3-1/2"	31
		1"	4100	4100	1"	UWR-1230-16-SI			3-1/2"	31
		1"	4100	4100	1-1/4"	UWR-1230-20		UWT-1230-20	3-1/2"	31

WHEELS

URETHANE

ENGINEERED TO OUTPERFORM

UP TO 4,100 LBS CAPACITY



Access Casters (877) 881-6814

ULTRA-RIDE 80A WHEELS

WHEELS
URETHANE

ENGINEERED TO OUTPERFORM

Ultra elastic high rebound soft tread polyurethane wheels are a great solution for floor protection, noise reduction and lateral grip in towed applications or where minimizing floor contact pressure is ideal. These wheels utilize the same ultra HD core as our Whisper wheels while providing even more noise reduction, shock dampening and rebound capability.

FEATURES

Wheel Bearings Choice of straight roller, precision tapered or sealed ball bearings

Temperature Range -40°F to 180°F

Hardness 80 Shore A Durometer



UWT-0830-12-80A

Contact the factory for additional sizes and options.

Wheel Diameter	Wheel Width	Capacity	Axle Diameter	Roller Bearing	Ball Bearing	Precision Tapered	Hub Length	Approx Weight
8"	3"	2600	3/4"	UWR-0830-12-80A	UWB-0830-12-80A	UWT-0830-12-80A	3-1/2"	20
		2600	1"	UWR-0830-16-80A	UWB-0830-16-80A	UWT-0830-16-80A	3-1/2"	20
		2600	1-1/4"	UWR-0830-20-80A	UWB-0830-20-80A	UWT-0830-20-80A	3-1/2"	20
10"	3"	2750	3/4"	UWR-1030-12-80A	UWB-1030-12-80A	UWT-1030-12-80A	3-1/2"	23
		2750	1"	UWR-1030-16-80A	UWB-1030-16-80A	UWT-1030-16-80A	3-1/2"	23
		2750	1-1/4"	UWR-1030-20-80A	UWB-1030-20-80A	UWT-1030-20-80A	3-1/2"	23
12"	3"	3450	3/4"	UWR-1230-12-80A	UWB-1230-12-80A	UWT-1230-12-80A	3-1/2"	31
		3450	1"	UWR-1230-16-80A	UWB-1230-16-80A	UWT-1230-16-80A	3-1/2"	31
		3450	1-1/4"	UWR-1230-20-80A	UWB-1230-20-80A	UWT-1230-20-80A	3-1/2"	31



ULTRA-ROLL 70D WHEELS

RWM's 70D Hard tread polyurethane wheels are great for applications requiring a robust wheel with a reinforced core and thick tread while improving rollability over standard polyurethanes. These wheels utilize the same ultra HD core design as our standard Whisper wheels while providing an easier to roll solution beneficial for AGV's.

FEATURES

Wheel Bearings Choice of straight roller, precision tapered or sealed ball bearings

Temperature Range -40°F to 180°F

Hardness 70 Shore D Durometer



UWT-0830-12-70D

Contact the factory for additional sizes and options.

Wheel Diameter	Wheel Width	Capacity	Axle Diameter	Roller Bearing	Ball Bearing	Precision Tapered	Hub Length	Approx Weight
8"	3"	4350	3/4"	UWR-0830-12-70D	UWB-0830-12-70D	UWT-0830-12-70D	3-1/2"	20
		4350	1"	UWR-0830-16-70D	UWB-0830-16-70D	UWT-0830-16-70D	3-1/2"	20
		4350	1-1/4"	UWR-0830-20-70D	UWB-0830-20-70D	UWT-0830-20-70D	3-1/2"	20
10"	3"	4600	1/2"	UWR-1030-12-70D	UWB-1030-12-70D	UWT-1030-12-70D	3-1/2"	23
		4600	1"	UWR-1030-16-70D	UWB-1030-16-70D	UWT-1030-16-70D	3-1/2"	23
		4600	1-1/4"	UWR-1030-20-70D	UWB-1030-20-70D	UWT-1030-20-70D	3-1/2"	23
12"	3"	5750	1/2"	UWR-1230-12-70D	UWB-1230-12-70D	UWT-1230-12-70D	3-1/2"	31
		5750	1"	UWR-1230-16-70D	UWB-1230-16-70D	UWT-1230-16-70D	3-1/2"	31
		5750	1-1/4"	UWR-1230-20-70D	UWB-1230-20-70D	UWT-1230-20-70D	3-1/2"	31

UP TO 5,750 LBS CAPACITY

URETHANE ON POLYPROPYLENE WHEELS

Polyurethane is mechanically bonded to a high density polypropylene core in this Urethane on Polypropylene Wheel. This mechanical bond eliminates bond separation due to wet conditions. The combination of both materials provides for a long lasting, long wearing industrial wheel that is impervious to water (including salt water), resistant to oils, grease, most solvents and chemicals. The polyurethane tread is non-marking and offers a quiet ride, floor protection and excellent capacity ratings. These polyurethane wheels have a slight crown so that they maneuver very well. The Urethane on Polypropylene Wheel provides a smooth ride over rough surfaces. Urethane on Polypropylene Wheels are very popular, attractive, lightweight and extremely durable wheels used in countless applications.

FEATURES

Wheel Bearings	Choice of straight roller, ball or celcon
Temperature Range	-40° to +175°F
Hardness	95 durometer Shore A

APPLICATIONS

Commercial applications	Shopping carts
Industrial applications	Platform trucks
Food service applications	Sanitary applications
Retail industry	



UPR-0820-19

OPTIONS

GUARDS

TG Thread Guard*

SEALS

WS Wheel Seals (RB)

FITTINGS

ZF Zerk Fittings

*Thread guards are available on some models. Consult factory for specific wheel sizes.



46-UPC-0820-S



46-UPR-0620-R

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Roller Bearing	Ball Bearing	Plain Bearing	Hub Length	Approx Weight lbs.
3"	1-1/4"	225	5/16"		UPB-0312-05	UPC-0312-05	1-1/2"	0.5
		225	3/8"		UPB-0312-06	UPC-0312-06	1-1/2"	0.5
3-1/2"	1-1/4"	250	5/16"		UPB-3512-05	UPC-3512-05	1-1/2"	0.6
		250	3/8"		UPB-3512-06	UPC-3512-06	1-1/2"	0.6
4"	1-1/4"	275	5/16"		UPB-0412-05	UPC-0412-05	1-1/2"	0.7
		275	3/8"		UPB-0412-06	UPC-0412-06	1-1/2"	0.7
4"	1-1/2"	500	1/2"	UPR-0415-08	UPB-0415-08	UPC-0415-08	1-7/8"	1.2
		500	5/8"	UPR-0415-10		UPC-0415-10	1-7/8"	1.2
		500	3/4"	UPR-0415-12		UPC-0415-12	1-7/8"	1.2
4"	2"	600	1/2"	UPR-0420-08	UPB-0420-08	UPC-0420-08	2-7/16"	1.4
		600	5/8"	UPR-0420-10		UPC-0420-10	2-7/16"	1.4
		600	3/4"	UPR-0420-12		UPC-0420-12	2-7/16"	1.4
5"	1-1/4"	300	5/16"		UPB-0512-05	UPC-0512-05	1-1/2"	1.3
		300	3/8"		UPB-0512-06	UPC-0512-06	1-1/2"	1.3
5"	1-1/2"	700	1/2"	UPR-0515-08	UPB-0515-08	UPC-0515-08	1-7/8"	1.4
		700	5/8"	UPR-0515-10		UPC-0515-10	1-7/8"	1.4
		700	3/4"	UPR-0515-12		UPC-0515-12	1-7/8"	1.4
5"	2"	750	1/2"	UPR-0520-08	UPB-0520-08	UPC-0520-08	2-7/16"	1.7
		750	5/8"	UPR-0520-10		UPC-0520-10	2-7/16"	1.7
		750	3/4"	UPR-0520-12		UPC-0520-12	2-7/16"	1.7
6"	1-1/2"	800	1/2"	UPR-0615-08	UPB-0615-08	UPC-0615-08	1-7/8"	2.3
		800	5/8"	UPR-0615-10		UPC-0615-10	1-7/8"	2.3
		800	3/4"	UPR-0615-12		UPC-0615-12	1-7/8"	2.3
6"	2"	900	1/2"	UPR-0620-08	UPB-0620-08	UPC-0620-08	2-7/16"	3.2
		900	5/8"	UPR-0620-10		UPC-0620-10	2-7/16"	3.2
		900	3/4"	UPR-0620-12		UPC-0620-12	2-7/16"	3.2
8"	2"	1000	1/2"	UPR-0820-08	UPB-0820-08	UPC-0820-08	2-7/16"	4.1
		1000	5/8"	UPR-0820-10		UPC-0820-10	2-7/16"	4.1
		1000	3/4"	UPR-0820-12		UPC-0820-12	2-7/16"	4.1

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URETHANE SOLID WHEELS

RWM Casters Urethane Solid Wheels are designed primarily for applications involving high moisture. Designed using injection molded hytel urethane, these urethane solid wheels provide extended service in moisture applications that normally destroy conventionally bonded urethane wheels. The standard durometer of RWM Urethane Solid Wheels is 75 on the Shore D scale.

FEATURES

Wheel Bearings	Choice of straight roller, ball, or celcon
Temperature Range	-30° to +190°F
Hub Lengths	Can be shortened or lengthened to order

APPLICATIONS

High moisture applications



USB-0515-06

OPTIONS

GUARDS

TG Thread Guard*

SEALS

WS Wheel Seals (RB)

*There's no need to add an option for microbial resistance; through the use of superior polyurethane, RWM wheels are equipped to resist buildup from the factory.

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Roller Bearing	Ball Bearing	Plain Bearing	Hub Length	Approx Weight
2"	7/8"	125	5/16"		USB-0208-05		1-1/8"	0.2
2-5/16"	1-5/16"	500	5/16"		USB-2313-05		1-5/8"	0.4
2-1/2"	1-1/4"	150	5/16"		USB-2512-05		1-1/2"	0.3
2-3/4"	1-5/16"	500	5/16"		USB-2713-05		1-5/8"	0.5
3"	1-1/4"	190	5/16"		USB-0312-05		1-1/2"	0.7
3-1/2"	1-5/16"	210	3/8"		USB-3512-06		1-1/2"	0.8
4"	1-1/4"	220	5/16"		USB-0412-05		1-1/2"	0.9
4"	1-1/2"	300	3/8"	USR-0415-06	USB-0415-06	USC-0415-06	1-7/8"	1.5
		300	1/2"	USR-0415-08		USC-0415-08	1-7/8"	1.5
		300	5/8"	USR-0415-10		USC-0415-10	1-7/8"	1.5
		300	3/4"	USR-0415-12		USC-0415-12	1-7/8"	1.5
5"	1-1/2"	330	3/8"	USR-0515-06	USB-0515-06	USC-0515-06	1-7/8"	1.6
		330	1/2"	USR-0515-08		USC-0515-08	1-7/8"	1.6
		330	5/8"	USR-0515-10		USC-0515-10	1-7/8"	1.6
		330	3/4"	USR-0515-12		USC-0515-12	1-7/8"	1.6

PNEUMATIC WHEELS

FN WHEELS

RWM Caster's Pneumatic Wheels provide smooth, shock-resistant operation for delicate instruments and breakable components. Our Pneumatic Wheels are suggested for indoor and outdoor use where product protection is required. RWM Casters Pneumatic Wheels offer the maximum in floor protection and move freely over obstructions and rough floors.

FEATURES

Wheel Bearings	Choice of straight roller, ball or tapered roller bearings.
Operating Temperature Range	-26 to 220F

APPLICATIONS

Aerospace	Boat manufacturing
Tow-lines	Product protection
Automotive	



FNT-1857-16

OPTIONS

FILLING
FF Foam Filled
SEALS
WS Wheel Seals
FITTINGS
ZF Zerk Fittings

Wheel Diameter	Wheel Width	Ply Rating	Capacity lbs.	Axle Diameter	Roller Bearing	Ball Bearing	Tapered Roller Bearing	Hub Length	Approx Weight lbs.
9.0"	2.80/4	4	300	1/2"	FNR-0828-08	FNB-0828-08		3-1/2"	4.5
		4	300	3/4"	FNR-0828-12	FNB-0828-12		3-1/2"	4.5
10.9"	4.10/4	4	480	1/2"	FNR-1041-08	FNB-1040-08		3-1/2"	5.5
		4	480	3/4"	FNR-1041-12		FNT-1041-12	3-1/2"	5.5
		4	480	1"	FNR-1041-16			3-1/2"	5.5
13.0"	4.10/6	4	500	3/4"	FNR-1241-12	FNB-1241-12	FNT-1241-12	4-1/2"	6.5
		4	500	1"	FNR-1241-16			4-1/2"	6.5
15.1"	5.30/6	4	870	3/4"	FNR-1448-12	FNB-1448-12		4-1/2"	9
		4	870	1"	FNR-1448-16			4-1/2"	9
16.3"	4.80/8	4	1000	1"	FNR-1648-16		FNT-1648-16	4-1/2"	12
		4	1000	1-1/4"	FNR-1648-20			4-1/2"	12
18.4"	5.70/8	4	1170	1"			FNT-1857-16	4-1/2"	15
		4	1170	1-1/4"	FNR-1857-20			4-1/2"	15
21.0"	6.90/9	10	2420	1-1/4"			FNT-2169-20	7"	37.5
23.5"	6.50/10	10	2775	1-1/4"			FNT-2365-20	8"	38
25.7"	7.50/10	10	3630	1-1/4"			FNT-2575-20	9"	40

WHEELS

PNEUMATIC

ENGINEERED TO OUTPERFORM

UP TO 3,630 LBS CAPACITY

SOFT RUBBER WHEELS

SR WHEELS

RWM Caster's Soft Rubber Wheels are manufactured of quality materials with a resilient rubber tread bonded to a hard rubber core. These wheels are an economical choice for moving equipment.

FEATURES

Wheel Bearings	Choice of straight roller bearing or oilite bearings
Durometer	70-80A
Temperature Range	-40°F to 120°F

APPLICATIONS

RWM Caster's Soft Rubber Wheels are a good choice for those applications where the average load is light with occasional loads using the full capacity of the wheel. Soft Rubber Wheels offer floor protection but can leave black marks on floors. Soft Rubber Wheels wear on rough surfaces and can become brittle if left outdoors, exposed to the elements. Economical in smaller sizes, Soft Rubber Wheels become more expensive in larger sizes, especially when premium rubber material is used.



SRO-3512-06

OPTIONS

DUST COVERS	
DC	Dust Cover
DUST COVERS	
TG	Thread Guards
SEALS	
WS	Wheel Seals

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Roller Bearing	Tapered Bearing	Hub Length	Approx Weight lbs.
3"	1-1/4"	150	5/16"		SRO-0312-05	1-1/2"	0.7
		150	3/8"		SRO-0312-06	1-1/2"	0.7
3-1/2"	1-1/4"	150	5/16"		SRO-3512-05	1-1/2"	0.8
		150	3/8"		SRO-3512-06	1-1/2"	0.8
4"	1-1/4"	180	5/16"		SRO-0412-05	1-1/2"	1.1
		180	3/8"		SRO-0412-06	1-1/2"	1.1
4"	1-1/2"	200	1/2"	SRR-0415-08	SRO-0415-08	1-7/8"	1.3
		200	5/8"	SRR-0415-10	SRO-0415-10	1-7/8"	1.3
		200	3/4"	SRR-0415-12		1-7/8"	1.3

WHEELS

RUBBER

ENGINEERED TO OUTPERFORM

UP TO 200 LBS CAPACITY

HARD RUBBER WHEELS

HR WHEELS

RWM Caster's Hard Rubber Wheels offer good floor protection, are quieter than steel wheels, and are strong and chip resistant. These wheels have a center line located in the middle of the tread. This center line, even when removed as close as possible, can cause damage to soft inexpensive floors. Hard Rubber Wheels can become brittle over time, and more so when exposed to outdoor elements. Hard Rubber Wheels can crack when dropped from limited heights or subjected to impact or shock.

FEATURES

Wheel Bearings	Oilite bearings
Durometer	70-75D
Temperature Range	-30°F to 160°F

APPLICATIONS

RWM Caster's Hard Rubber Wheels are used where low cost, easy rolling wheels are required.



HRO-3512-06

OPTIONS

DUST COVERS	
DC	Dust Cover
FITTINGS	
SI	Spanner Included

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Oilite Bearing	Hub Length	Approx Weight lbs.
3"	1-1/4"	250	5/16"	HRO-0312-05-SI	1-1/2"	0.8
		250	3/8"	HRO-0312-06	1-1/2"	0.8
3-1/2"	1-1/4"	250	5/16"	HRO-3512-05	1-1/2"	1
		250	3/8"	HRO-3512-06	1-1/2"	1
4"	1-1/4"	260	5/16"	HRO-0412-05	1-1/2"	1.2
		260	3/8"	HRO-0412-06	1-1/2"	1.2

WHEELS

RUBBER

ENGINEERED TO OUTPERFORM

UP TO 280 LBS CAPACITY

PERFORMANCE TPR WHEELS

The Performance TPR (Thermal Plastic Rubber or TPE for Thermal Plastic Elastomer) Wheel is specially engineered to provide unsurpassed durability and reliability. This premium wheel combines the durability of a hard tread wheel with the quiet floor protection of a soft tread wheel. They are made of a thermoplastic elastomer which is permanently bonded to a polypropylene core and will not mark floors. The Performance TPR wheel is resistant to chemicals, acids, bases, alcohols, salts and steam. The Performance TPR Wheel tread material can be made to various durometers.

The Performance Wheel is available with a flat tread to provide maximum load surface or round tread to provide easy turning. Round tread is only available on the 6" x 2" and 8" x 2" wheels.

FEATURES

Wheel Bearings	Choice of straight roller bearing, celcon and annular ball bearing
Temperature Range	-45° to 120°F continuous; 180°F intermittent
Bores	Various sizes available on some wheels
Hardness	65 to 70+/-5 Shore A Durometer

APPLICATIONS

Platform carts	Food services
Material handling carts	Drywall carts
Warehouse and factory applications	Assembly line dollies



RPR-0820-19



RPR-0821-19

OPTIONS

GUARDS

TG Thread Guards on 1-1/4", 1-1/2" & 2" wide

SEALS

WS Wheel Seals (roller bearing only)

FITTINGS

ZF Zerk Fittings

 Wheel Diameter	 Wheel Width	 Capacity lbs.	 Axle Diameter	 Roller Bearing	 Ball Bearing	 Plain Bearing	 Hub Length	 Approx Weight lbs.
FLAT TREAD								
3"	1-1/4"	190	3/8"		RPB-0312-06	RPC-0312-06	1-1/2"	0.22
3-1/2"	1-1/4"	200	3/8"		RPB-3512-06	RPC-3512-06	1-1/2"	0.29
4"	1-1/4"	275	3/8"		RPB-0412-06	RPC-0412-06	1-1/2"	0.34
4"	1-1/2"	325	1/2"	RPR-0415-08	RPB-0415-08	RPC-0415-08	1-7/8"	0.60
		325	5/8"	RPR-0415-10		RPC-0415-10	1-7/8"	0.60
		325	3/4"	RPR-0415-12		RPC-0415-12	1-7/8"	0.60
4"	2"	350	1/2"	RPR-0420-08	RPB-0420-08	RPC-0420-08	2-7/16"	0.66
		350	5/8"	RPR-0420-10		RPC-0420-10	2-7/16"	0.66
		350	3/4"	RPR-0420-12		RPC-0420-12	2-7/16"	0.66
5"	1-1/4"	300	3/8"		RPB-0512-06	RPC-0512-06	1-1/2"	0.52
5"	1-1/2"	350	1/2"	RPR-0515-08	RPB-0515-08	RPC-0515-08	1-7/8"	0.85
		350	5/8"	RPR-0515-10		RPC-0515-10	1-7/8"	0.85
		350	3/4"	RPR-0515-12		RPC-0515-12	1-7/8"	0.85
5"	2"	375	1/2"	RPR-0520-08	RPB-0520-08	RPC-0520-08	2-7/16"	0.96
		375	5/8"	RPR-0520-10		RPC-0520-10	2-7/16"	0.96
		375	3/4"	RPR-0520-12		RPC-0520-12	2-7/16"	0.96
6"	1-1/2"	475	1/2"	RPR-0615-08	RPB-0615-08	RPC-0615-08	1-7/8"	1.85
		475	5/8"	RPR-0615-10		RPC-0615-10	1-7/8"	1.85
		475	3/4"	RPR-0615-12		RPC-0615-12	1-7/8"	1.85
6"	2"	525	1/2"	RPR-0620-08	RPB-0620-08	RPC-0620-08	2-7/16"	1.38
		525	5/8"	RPR-0620-10		RPC-0620-10	2-7/16"	1.38
		525	3/4"	RPR-0620-12		RPC-0620-12	2-7/16"	1.38
8"	2"	600	1/2"	RPR-0820-08	RPB-0820-08	RPC-0820-08	2-7/16"	2.02
		600	5/8"	RPR-0820-10		RPC-0820-10	2-7/16"	2.02
		600	3/4"	RPR-0820-12		RPC-0820-12	2-7/16"	2.02
ROUND TREAD								
6"	2"	525	1/2"	RPR-0621-08	RPB-0621-08	RPC-0621-08	2-7/16"	1.38
		525	5/8"	RPR-0621-10		RPC-0621-10	2-7/16"	1.38
		525	3/4"	RPR-0621-12		RPC-0621-12	2-7/16"	1.38
8"	2"	600	1/2"	RPR-0821-08	RPB-0821-08	RPC-0821-08	2-7/16"	2.02
		600	5/8"	RPR-0821-10		RPC-0821-10	2-7/16"	2.02
		600	3/4"	RPR-0821-12		RPC-0821-12	2-7/16"	2.02

The RWM Casters Signature™ Premium Wheel has a lightweight, reinforced nylon core with a high strength non-marking elastomeric rubber tread. The round tread provides easy rolling. Our durable nylon core is six times stronger than polypropylene. The performance rubber tread is cut, tear and corrosion resistant and will not chunk out. It has the highest strength-to-weight ratio than any other wheel in the industry. The Signature™ Premium Wheel is excellent for floor protection, continuous towing and noise reduction.

FEATURES

Wheel Bearings	Choice of straight roller or precision ball bearing
Temperature Range	-40° to 200°F
Hardness	70 Shore A
Bores	1.190"

APPLICATIONS

Platform carts	Food services
Material handling carts	Drywall carts
Warehouse and factory applications	Assembly line dollies



SWB-0820-08



SWB-0412-06



45-SWB-0620-S



46-SWB-0620-S-42ST

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Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Roller Bearing	Ball Bearing	Hub Length	Approx Weight lbs.
3.5"	1.25"	225	3/8"		SWB-3512-06	1-5/8"	.6
4"	1.25"	250	3/8"		SWB-0412-06	1-5/8"	.7
4"	2"	400	1/2"	SWR-0420-08	SWB-0420-08	2-7/16"	1.3
5"	1.25"	250	3/8"		SWB-0512-06	1-5/8"	1
5"	2"	500	1/2"	SWR-0520-08	SWB-0520-08	2-7/16"	1.5
6"	1.25"	300	3/8"		SWB-0612-06	1-5/8"	1.5
6"	2"	600	1/2"	SWR-0620-08	SWB-0620-08	2-7/16"	2.0
8"	2"	700	1/2"	SWR-0820-08	SWB-0820-08	2-7/16"	2.8

RWM's in-house test facility puts an elastomeric high tensile rubber wheel to work.



MOLD-ON RUBBER WHEELS

RWM rubber tread wheels are constructed by molding high quality rubber to cast iron cores. All RWM mold-on rubber wheels are floor protective, provide long tread life, are quiet in operation and are highly resilient. These wheels are suggested for use on all types of floors and numerous applications. The standard RWM mold-on rubber tread is 75 durometer Shore A.



RIR-0830-16

RIR-0820-08

FEATURES

Hardness	70-75 Shore A Durometer
Temperature Rating	-30° to 140°F continuous; 180°F intermittent.

APPLICATIONS

Trash containers	Lumber carts
Platform carts	Many manually-pushed low-cost applications

OPTIONS

SPANNERS

SI Spanner Included

LENGTH

YY Shorter Hub Length

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Roller Bearing	Tapered Bearing	Hub Length	Approx Weight lbs.
4"	1-1/2"	250	1/2"	RIR-0415-08		1-7/8"	1.2
		250	5/8"	RIR-0415-10		1-7/8"	1.2
		250	3/4"	RIR-0415-12		1-7/8"	1.2
4"	2"	350	1/2"	RIR-0420-08		2-7/16"	3.1
		350	5/8"	RIR-0420-10		2-7/16"	3.1
		350	3/4"	RIR-0420-12		2-7/16"	3.1
5"	1-1/2"	300	1/2"	RIR-0515-08		1-7/8"	2.0
		300	5/8"	RIR-0515-10		1-7/8"	2.0
		300	3/4"	RIR-0515-12		1-7/8"	2.0
5"	2"	400	1/2"	RIR-0520-08		2-7/16"	3.5
		400	5/8"	RIR-0520-10		2-7/16"	3.5
		400	3/4"	RIR-0520-12		2-7/16"	3.5
6"	1-1/2"	370	1/2"	RIR-0615-08		1-7/8"	2.3
		370	5/8"	RIR-0615-10		1-7/8"	2.3
		370	3/4"	RIR-0615-12		1-7/8"	2.3
6"	2"	410	1/2"	RIR-0620-08		2-7/16"	4.1
		410	5/8"	RIR-0620-10		2-7/16"	4.1
		410	3/4"	RIR-0620-12		2-7/16"	4.1
6"	2-1/2"	540	3/4"	RIR-0625-12-YY		3"	7.8
		540	1"	RIR-0625-16-YY		3"	7.8
		540	1"	RIR-0625-16-YY-SI		3"	7.8
		540	1-1/4"	RIR-0625-20-YY		3"	7.8
		540	3/4"	RIR-0625-12		3-1/2"	10.0
		540	1"	RIR-0625-16		3-1/2"	10.0
		540	1"	RIR-0625-16-SI		3-1/2"	10.0
		540	1-1/4"	RIR-0625-20		3-1/2"	10.0

WHEELS

RUBBER

ENGINEERED TO OUTPERFORM

UP TO 2,800 LBS CAPACITY

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Roller Bearing	Tapered Bearing	Hub Length	Approx Weight lbs.
6"	3"	680	3/4"	RIR-0630-12		3-1/2"	11.2
		680	1"	RIR-0630-16		3-1/2"	11.2
		680	1"	RIR-0630-16-SI		3-1/2"	11.2
		680	1-1/4"	RIR-0630-20		3-1/2"	11.2
8"	2"	500	1/2"	RIR-0820-08		2-7/16"	6.3
		500	5/8"	RIR-0820-10		2-7/16"	6.3
		500	3/4"	RIR-0820-12		2-7/16"	6.3
8"	2-1/2"	670	3/4"	RIR-0825-12-YY		3"	11.1
		670	1"	RIR-0825-16-YY		3"	11.1
		670	1"	RIR-0825-16-YY-SI		3"	11.1
		670	1-1/4"	RIR-0825-20-YY		3"	11.1
		670	3/4"	RIR-0825-12		3-1/2"	11.5
		670	1"	RIR-0825-16		3-1/2"	11.5
		670	1"	RIR-0825-16-SI		3-1/2"	11.5
		670	1-1/4"	RIR-0825-20		3-1/2"	11.5
8"	3"	840	3/4"	RIR-0830-12		3-1/2"	13.0
		840	1"	RIR-0830-16		3-1/2"	13.0
		840	1"	RIR-0830-16-SI		3-1/2"	13.0
		840	1-1/4"	RIR-0830-20		3-1/2"	13.0
10"	2-1/2"	790	3/4"	RIR-1025-12-YY	RIT-1025-12-YY	3"	13.0
		790	1"	RIR-1025-16-YY	RIT-1025-16-YY	3"	13.0
		790	1"	RIR-1025-16-YY-SI		3"	13.0
		790	1-1/4"	RIR-1025-20-YY		3"	13.0
		790	3/4"	RIR-1025-12	RIT-1025-12	3-1/2"	13.0
		790	1"	RIR-1025-16	RIT-1025-16	3-1/2"	13.0
		790	1"	RIR-1025-16-SI		3-1/2"	13.0
		790	1-1/4"	RIR-1025-20		3-1/2"	13.0
10"	3"	1000	3/4"	RIR-1030-12	RIT-1030-12	3-1/2"	15.0
		1000	1"	RIR-1030-16	RIT-1030-16	3-1/2"	15.0
		1000	1"	RIR-1030-16-SI		3-1/2"	15.0
		1000	1-1/4"	RIR-1030-20		3-1/2"	15.0
10"	4"	1400	3/4"	RIR-1040-12	RIT-1040-12	4-1/2"	30.0
		1400	1"	RIR-1040-16-SI	RIT-1040-16	4-1/2"	30.0
		1400	1-1/4"	RIR-1040-20	RIT-1040-20	4-1/2"	30.0
		1400	1-1/4"	RIR-1040-20-SI		4-1/2"	30.0
		1400	1-1/2"	RIR-1040-24	RIT-1040-24	4-1/2"	30.0
11"	5"	1760	1-1/4"	RIR-1150-20	RIT-1150-20	5-1/2"	42.0
12"	2-1/2"	900	3/4"	RIR-1225-12-YY	RIT-1225-12-YY	3"	16.0
		900	1"	RIR-1225-16-YY	RIT-1225-16-YY	3"	16.0
		900	1"	RIR-1225-16-SI-YY		3"	16.0
		900	1 1/4"	RIR-1225-20-YY		3"	16.0
12"	3"	1140	3/4"	RIR-1230-12	RIT-1230-12	3-1/2"	21.0
		1140	1"	RIR-1230-16	RIT-1230-16	3-1/2"	21.0
		1140	1"	RIR-1230-16-SI		3-1/2"	21.0
		1140	1-1/4"	RIR-1230-20		3-1/2"	21.0
12"	4"	1600	1"	RIR-1240-16-SI	RIT-1240-16	4-1/2"	26.0
		1600	1-1/4"	RIR-1240-20	RIT-1240-20	4-1/2"	26.0
		1600	1-1/4"	RIR-1240-20-SI		4-1/2"	26.0
		1600	1-1/2"	RIR-1240-24	RIT-1240-24	4-1/2"	26.0
		12"	5"	2050	1-1/4"	RIR-1250-20	RIT-1250-20
16"	3"	1420	3/4"	RIR-1630-12	RIT-1630-12	3-1/2"	32.0
		1420	1"	RIR-1630-16	RIT-1630-16	3-1/2"	32.0
		1420	1"	RIR-1630-16-SI		3-1/2"	32.0
		1420	1-1/4"	RIR-1630-20		3-1/2"	32.0
18"	3"	1580	3/4"	RIR-1830-12	RIT-1830-12	3-1/2"	42.0
		1580	1"	RIR-1830-16	RIT-1830-16	3-1/2"	42.0
		1580	1"	RIR-1830-16-SI		3-1/2"	42.0
		1580	1-1/4"	RIR-1830-20		3-1/2"	42.0
18"	5"	2800	1-1/4"	RIR-1850-20	RIT-1850-20	5-1/2"	50.0
		2800	1-1/2"	RIR-1850-24	RIT-1850-24	5-1/2"	50.0

ELASTOMERIC HIGH TENSILE RUBBER WHEELS

RWM Caster's Elastomeric High Tensile Rubber Wheels are incredible molded rubber wheels. The solid core provides superior strength and the rubber does not chunk out. Our rubber wheels perform well at 200% of normal molded rubber capacity and are excellent for towing applications. These Elastomeric High Tensile Rubber Wheels may mark floors. RWM Caster's lighter rubber wheels reduce the weight of carts and increase amount of loads that carts can carry.



RIR-0830-31-EHT

FEATURES

Hardness 70-75 Shore A Durometer

APPLICATIONS

All purpose towing

OPTIONS

SI Spanner Included

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Roller Bearing	Tapered Bearing	Hub Length	Approx Weight
6"	2-1/2"	1080	3/4"	RIR-0625-12-EHT-SI	RIT-0625-12-EHT	3-1/2"	10.0
		1080	1"	RIR-0625-16-EHT	RIT-0625-16-EHT	3-1/2"	10.0
		1080	1"	RIR-0625-16-EHT-SI		3-1/2"	10.0
		1080	1-1/4"	RIR-0625-20-EHT		3-1/2"	10.0
6"	3"	1360	3/4"	RIR-0630-12-EHT-SI	RIT-0630-12-EHT	3-1/2"	11.2
		1360	1"	RIR-0630-16-EHT	RIT-0630-16-EHT	3-1/2"	11.2
		1360	1"	RIR-0630-16-EHT-SI		3-1/2"	11.2
		1360	1-1/4"	RIR-0630-20-EHT		3-1/2"	11.2
8"	2-1/2"	1340	3/4"	RIR-0825-12-EHT-SI	RIT-0825-12-EHT	3-1/2"	11.5
		1340	1"	RIR-0825-16-EHT	RIT-0825-16-EHT	3-1/2"	11.5
		1340	1"	RIR-0825-16-EHT-SI		3-1/2"	11.5
		1340	1-1/4"	RIR-0825-20-EHT		3-1/2"	11.5
8"	3"	1680	3/4"	RIR-0830-12-EHT-SI	RIT-0830-12-EHT	3-1/2"	13.0
		1680	1"	RIR-0830-16-EHT-SI		3-1/2"	13.0
		1680	1"	RIR-0830-16-EHT	RIT-0830-16-EHT	3-1/2"	13.0
		1680	1-1/4"	RIR-0830-20-EHT		3-1/2"	13.0
10"	2-1/2"	1580	3/4"	RIR-1025-12-EHT-SI	RIT-1025-12-EHT	3-1/2"	13.0
		1580	1"	RIR-1025-16-EHT	RIT-1025-16-EHT	3-1/2"	13.0
		1580	1"	RIR-1025-16-EHT-SI		3-1/2"	13.0
		1580	1-1/4"	RIR-1025-20-EHT		3-1/2"	13.0
10"	3"	2000	3/4"	RIR-1030-12-EHT-SI	RIT-1030-12-EHT	3-1/2"	15.0
		2000	1"	RIR-1030-16-EHT	RIT-1030-16-EHT	3-1/2"	15.0
		2000	1"	RIR-1030-16-EHT-SI		3-1/2"	15.0
		2000	1-1/4"	RIR-1030-20-EHT		3-1/2"	15.0
12"	3"	2280	3/4"	RIR-1230-12-EHT-SI	RIT-1230-12-EHT	3-1/2"	21.0
		2280	1"	RIR-1230-16-EHT	RIT-1230-16-EHT	3-1/2"	21.0
		2280	1"	RIR-1230-16-EHT-SI		3-1/2"	21.0
		2280	1-1/4"	RIR-1230-20-EHT		3-1/2"	21.0

WHEELS

EHT RUBBER

ENGINEERED TO OUTPERFORM

UP TO 2,280 LBS CAPACITY

ELASTOMERIC HIGH TENSILE NON-MARKING RUBBER WHEELS

NON-MARKING
EHT ON ALUMINUM

RWM Caster's Elastomeric High Tensile Non-Marking Rubber Wheels are incredible molded rubber wheels. The high quality, high tensile premium rubber is bonded to a heavy-duty solid web aluminum core that provides superior strength. These wheels are rated at 200% more than normal molded rubber wheels. This rubber wheel will not crack, chunk, dry out or debond. These Elastomeric High Tensile Non-Marking Rubber Wheels are excellent for towing applications in both indoor or outdoor environments. The special compound will not mark your floors. These rubber wheels can be used at higher rated towing speeds than other wheels. Please contact the factory for additional information.



RAB-0820-08-EHT-NM

FEATURES

Hardness	70-75 Shore A Durometer
Temperature Rating	-30° to 140°F continuous; 180°F intermittent.

APPLICATIONS

Aerospace tooling	Ground support equipment
Large assembly parts	Automotive plants
Freight terminals	Continuous use operations

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Ball Bearing	Tapered Bearing	Hub Length	Approx Weight lbs.
4"	2"	700	1/2"	RAB-0420-08-EHT-NM		2-1/2"	1.6
		700	5/8"			2-1/2"	1.6
5"	2"	800	1/2"	RAB-0520-08-EHT-NM		2-1/2"	2.0
		800	5/8"			2-1/2"	2.0
6"	2"	820	1/2"	RAB-0620-08-EHT-NM		2-1/2"	2.7
		820	5/8"			2-1/2"	2.7
8"	2"	1000	1/2"	RAB-0820-08-EHT-NM		2-1/2"	3.7
		1000	5/8"			2-1/2"	3.7
8"	3"	1500	3/4"	RAB-0830-12-EHT-NM	RAT-0830-12-EHT-NM	3-1/2"	8
		1500	1"	RAB-0830-16-EHT-NM	RAT-0830-16-EHT-NM	3-1/2"	8
10"	3"	2000	3/4"	RAB-1030-12-EHT-NM	RAT-1030-12-EHT-NM	3-1/2"	10.0
		2000	1"	RAB-1030-16-EHT-NM	RAT-1030-16-EHT-NM	3-1/2"	10.0
12"	3"	2280	3/4"	RAB-1230-12-EHT-NM	RAT-1230-12-EHT-NM	3-1/2"	14.5
		2280	1"	RAB-1230-16-EHT-NM	RAT-1230-16-EHT-NM	3-1/2"	14.5
		2280	1-1/4"		RAT-1230-20-EHT-NM	3-1/2"	14.5

WHEELS

EHT RUBBER

ENGINEERED TO OUTPERFORM

UP TO 2,280 LBS CAPACITY

DURASTAN PHENOLIC WHEELS

RWM Caster's Durastan Phenolic Wheels are molded from prime phenolic resin compounds for maximum density and strength. Durastan Phenolic Wheels are made of a special water resistant compound using a homogeneous fiber reinforcement that gives excellent service even in wet and cold applications. In addition, Durastan Wheels resist degradation, deterioration, corrosion from oil, grease, commonly used acids and solvents. Durastan Phenolic Wheels are recommended for all types of floors except resilient tile. Durastan wheels should not be towed at high speeds or used on poor or damaged floors.

FEATURES

Wheel Bearings	Patented Kingpinless™ single ball bearing precision-machined raceway hardened to 53 Rockwell C. minimum. Swivel section features 2 1/8" diameter raceway with 1/4" ball bearings.
Retaining Washer	All wheels 1-1/2" and wider with roller bearings are equipped with a metal thrust/retainer washer
Temperature Range	-65° to 275°F continuously, 300°F intermittently
Bores	Special sizes available upon request
Bores	1/2" bolt and locking nut drilled with lube fitting.
Lubrication	Lubrication fittings standard on 2-1/2" and wider wheels
Hardness	90 Shore D Durometer

APPLICATIONS

Durastan Phenolic Wheels are made from macerated cotton canvas and mixed with a quality premium phenolic resin compound. They are molded under high pressure under controlled conditions to produce a maximum density, superior strength product. Durastan Phenolic Wheels are extremely hard 90 Shore D, and roll very easily. They are not as loud as steel wheels and provide better floor protection. They are a very popular wheel and are used in a wide range of industrial applications including manufacturing, warehousing and bakeries. Durastan Phenolic Wheels are very economical. Special high temperature Durastan Phenolic Wheels are available for -45° to 475° Fahrenheit applications found in industrial bakeries and other high temperature applications. Durastan phenolic wheels are not recommended for submerged or constant wet environments.



DUR-0820-12

OPTIONS

GUARDS	
TG	Thread Guards on 1-1/4", 1-1/2" & 2" wide
SEALS	
WS	Wheel Seals
FITTINGS	
ZF	Zerk Fittings (standard on 6" x 2-1/2" and larger)
HUB LENGTHS	
YY	Shorter Hub Length
SPANNERS	
SI	Spanner Included

Other Phenolic/Durastan Compounds

DL-Laminated

The Durastan Laminated wheels have a macerated center with a continuously wound canvas tread bounded with phenolic resin. These wheels provide the same good floor protection as our standard Durastan wheels, but have a greater resistance to fraying and chipping with approximately 35% more impact strength than a standard phenolic wheel and 25% greater capacity. The Durastan Laminated wheels are ideal where standard wheels are indicating premature wear.

DH- High Temperature

High Temperature compounds are available for applications up to 475°F continuously. Because of their special high heat compounds, these wheels are more brittle than standard Durastan wheels. Rough, uneven floors should be avoided with these wheels.

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Roller Bearing	Ball Bearing	Plain Bearing	Hub Length	Approx Weight lbs.
4"	1-1/2"	600	3/8"	DUR-0415-06	DUB-0415-06	DUC-0415-06	1-7/8"	1.0
			1/2"	DUR-0415-08	DUB-0415-08	DUC-0415-08		
			5/8"	DUR-0415-10		DUC-0415-10		
			3/4"	DUR-0415-12		DUC-0415-12		
4"	2"	800	1/2"	DUR-0420-08		DUC-0420-08	2-7/16"	1.9
			5/8"	DUR-0420-10		DUC-0420-10		
			3/4"	DUR-0420-12		DUC-0420-12		
5"	1-1/4"	400	5/16"		DUB-0512-05	DUC-0512-05	1-15/32"	1.4
			3/8"		DUB-0512-06	DUC-0512-06		
			1/2"			DUC-0512-08		
5"	1-1/2"	650	3/8"	DUR-0515-06	DUB-0515-06	DUC-0515-06	1-7/8"	1.7
			1/2"	DUR-0515-08	DUB-0515-08	DUC-0515-08		
			5/8"	DUR-0515-10		DUC-0515-10		
			3/4"	DUR-0515-12		DUC-0515-12		
5"	2"	1000	1/2"	DUR-0520-08		DUC-0520-08	2-7/16"	1.9
			5/8"	DUR-0520-10		DUC-0520-10		
			3/4"	DUR-0520-12		DUC-0520-12		
6"	1-1/2"	800	3/8"	DUR-0615-06	DUB-0615-06	DUC-0615-06	1-7/8"	2.2
			1/2"	DUR-0615-08	DUB-0615-08	DUC-0615-08		
			3/8"	DUR-0615-10		DUC-0615-10		
			3/4"	DUR-0615-12		DUC-0615-12		
6"	2"	1200	1/2"	DUR-0620-08	DUB-0620-08	DUC-0620-08	2-7/16"	3.5
			5/8"	DUR-0620-10	DUB-0620-10	DUC-0620-10		
			3/4"	DUR-0620-12	DUB-0620-12	DUC-0620-12		
			3/4"	DUR-0625-12-YY				
6"	2-1/2"	1600	1"	DUR-0625-16-YY			3"	4.8
			1"	DUR-0625-16-YY-SI				
			1-1/4"	DUR-0625-20-YY				
			3/4"	DUR-0625-12				
			1"	DUR-0625-16				
			1"	DUR-0625-16-SI				
6"	3"	2000	1-1/4"	DUR-0625-20			3-1/2"	5.1
			3/4"	DUR-0630-12				
			1"	DUR-0630-16				
			1"	DUR-0630-16-SI				
6"	3"	2000	1-1/4"	DUR-0630-20			3-1/2"	5.0
			1/2"	DUR-0820-08	DUB-0820-08	DUC-0820-08		
			5/8"	DUR-0820-10	DUB-0820-10	DUC-0820-10		
			3/4"	DUR-0820-12	DUB-0820-12	DUC-0820-12		
8"	2-1/2"	1800	3/4"	DUR-0825-12-YY			3"	5.4
			1"	DUR-0825-16-YY				
			1"	DUR-0825-16-YY-SI				
		1-1/4"	DUR-0825-20-YY					
		3/4"	DUR-0825-12					
		1"	DUR-0825-16					
8"	3"	2500	1"	DUR-0825-16-SI			3-1/2"	7.0
			1-1/4"	DUR-0825-20				
			3/4"	DUR-0830-12				
			1"	DUR-0830-16				
8"	3"	2500	1"	DUR-0830-16-SI			3-1/2"	7.6
			1-1/4"	DUR-0830-20				
			3/4"	DUR-1025-12-YY				
			1"	DUR-1025-16-YY				
10"	2-1/2"	1800	1"	DUR-1025-16-YY-SI			3"	8.2
			1-1/4"	DUR-1025-20-YY				
			3/4"	DUR-1025-12				
		1"	DUR-1025-16					
		1"	DUR-1025-16-SI					
		1-1/4"	DUR-1025-20					
10"	3"	2500	3/4"	DUR-1030-12			3-1/2"	7.0
			1"	DUR-1030-16				
			1"	DUR-1030-16-SI				
			1-1/4"	DUR-1030-20				
10"	3"	2900	3/4"	DUR-1030-12			3-1/2"	10.2
			1"	DUR-1030-16				
			1"	DUR-1030-16-SI				
			1-1/4"	DUR-1030-20				
12"	2-1/2"	3000	3/4"	DUR-1225-12-YY			3"	12.0
			1"	DUR-1225-16-YY				
			1"	DUR-1225-16-YY-SI				
			1-1/4"	DUR-1225-20-YY				
12"	3"	3500	3/4"	DUR-1230-12			3-1/2"	13.3
			1"	DUR-1230-16				
			1"	DUR-1230-16-SI				
			1-1/4"	DUR-1230-20				
12"	3-1/2"	4000	1"	DUR-1235-16			4-1/2"	15.3
			1-1/4"	DUR-1235-20				
12"	4"	4000	1-1/4"	DUR-1240-20			4-1/2"	26.25
			1"	DUR-1630-16				
16"	3"	4000	1-1/4"	DUR-1630-20			4-1/2"	27.0
			1"	DUR-1640-16				
16"	4"	8000	1-1/4"	DUR-1640-20			5-1/2"	35.0
			1"	DUR-1830-16				
18"	3"	3500	1"	DUR-1830-16			3-1/2"	24.0
			1-1/4"	DUR-1830-20				

POLYOLEFIN WHEELS

Tests have proven Polyolefin Wheels to have superior resistance to water and chemicals, better abrasion resistance than hard rubber and a remarkable ability to withstand impact. They are designed for more applications than any other type of wheel.

FEATURES

Wheel Bearings	Choice of straight rollers, plain, celcon or ball bearings.
Temperature Range	-20° to 230°F
Hardness	65 to 70 Shore D Durometer

APPLICATIONS

Polyolefin wheels are an excellent low cost wheel. Polyolefin is a very durable plastic material and these wheels can be used in a wide range of applications including bakeries, meat processing and packaging, dairies, food processing, laundries, supermarkets, offices, warehousing and manufacturing. Most sizes of Polyolefin Wheels have a slightly crowned tread offering excellent rollability and maneuverability. Various sizes, bores and bearings are available for our Polyolefin Wheels. Our standard color is black, but it can be ordered in white.



POR-0820-19

OPTIONS

GUARDS

TG Thread Guards on 1-1/4", 1-1/2" & 2" wide

SEALS

WS Wheel Seals

FITTINGS

ZF Zerk Fittings (standard on 6" x 2-1/2" and larger)



45-POR-0620-S



45-POB-0620-S

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Roller Bearing	Ball Bearing	Plain Bearing	Hub Length	Approx Weight lbs.
3"	1-1/4"	250	5/16"		POB-0312-05	POP-0312-05	1-1/2"	0.5
		250	5/16"			POC-0312-05	1-1/2"	0.5
		250	3/8"		POB-0312-06	POP-0312-06	1-1/2"	0.5
		250	3/8"			POC-0312-06	1-1/2"	0.5
		250	1/2"			POP-0312-08	1-1/2"	0.5
3-1/2"	1-1/4"	275	5/16"		POB-3512-05	POC-3512-05	1-1/2"	0.5
		275	3/8"		POB-3512-06	POC-3512-06	1-1/2"	0.5
		275	3/8"			POP-3512-06	1-1/2"	0.5
4"	1-1/4"	300	5/16"		POB-0412-05	POP-0412-05	1-1/2"	0.5
		300	5/16"			POC-0412-05	1-1/2"	0.5
		300	3/8"		POB-0412-06	POP-0412-06	1-1/2"	0.5
		300	3/8"			POC-0412-06	1-1/2"	0.5
		300	1/2"			POP-0412-08	1-1/2"	0.5
4"	1-1/2"	375	3/8"	POR-0415-06		POP-0415-06	1-7/8"	0.7
		375	3/8"			POC-0415-06	1-7/8"	0.7
		375	1/2"	POR-0415-08	POB-0415-08	POP-0415-08	1-7/8"	0.7
		375	1/2"			POC-0415-08	1-7/8"	0.7
		375	5/8"	POR-0415-10		POP-0415-10	1-7/8"	0.7
		375	5/8"			POC-0415-10	1-7/8"	0.7
		375	3/4"	POR-0415-12		POP-0415-12	1-7/8"	0.7
		375	3/4"			POC-0415-12	1-7/8"	0.7
4"	2"	500	1/2"	POR-0420-08	POB-0420-08	POP-0420-08	2-7/16"	1.0
		500	1/2"			POC-0420-08	2-7/16"	1.0
		500	5/8"	POR-0420-10		POP-0420-10	2-7/16"	1.0
		500	5/8"			POC-0420-10	2-7/16"	1.0
		500	3/4"	POR-0420-12		POP-0420-12	2-7/16"	1.0
		500	3/4"			POC-0420-12	2-7/16"	1.0
5"	1-1/4"	300	5/16"		POB-0512-05	POP-0512-05	1-1/2"	0.6
		300	5/16"			POC-0512-05	1-1/2"	0.6
		300	3/8"		POB-0512-06	POP-0512-06	1-1/2"	0.6
		300	3/8"			POC-0512-06	1-1/2"	0.6
		300	1/2"			POP-0512-08	1-1/2"	0.6
5"	1-1/2"	440	3/8"	POR-0515-06		POP-0515-06	1-7/8"	0.7
		440	3/8"			POC-0515-06	1-7/8"	0.7
		440	1/2"	POR-0515-08	POB-0515-08	POP-0515-08	1-7/8"	0.7
		440	1/2"			POC-0515-08	1-7/8"	0.7
		440	5/8"	POR-0515-10		POP-0515-10	1-7/8"	0.7
		440	5/8"			POC-0515-10	1-7/8"	0.7
		440	3/4"	POR-0515-12		POP-0515-12	1-7/8"	0.7
		440	3/4"			POC-0515-12	1-7/8"	0.7
5"	2"	650	1/2"	POR-0520-08	POB-0520-08	POP-0520-08	2-7/16"	1.1
		650	1/2"			POC-0520-08		
		650	5/8"	POR-0520-10		POP-0520-10		
		650	5/8"			POC-0520-10		
		650	3/4"	POR-0520-12		POP-0520-12		
		650	3/4"			POC-0520-12	2-7/16"	1.1
6"	2"	700	1/2"	POR-0620-08	POB-0620-08	POP-0620-08	2-7/16"	1.3
		700	1/2"			POC-0620-08	2-7/16"	1.3
		700	5/8"	POR-0620-10		POP-0620-10	2-7/16"	1.3
		700	5/8"			POC-0620-10	2-7/16"	1.3
		700	3/4"	POR-0620-12		POP-0620-12	2-7/16"	1.3
		700	3/4"			POC-0620-12	2-7/16"	1.3
8"	2"	800	1/2"	POR-0820-08	POB-0820-08	POP-0820-08	2-7/16"	2.1
		800	1/2"			POC-0820-08	2-7/16"	2.1
		800	5/8"	POR-0820-10		POP-0820-10	2-7/16"	2.1
		800	5/8"			POC-0820-10	2-7/16"	2.1
		800	3/4"	POR-0820-12		POP-0820-12	2-7/16"	2.1
		800	3/4"			POC-0820-12	2-7/16"	2.1

PINNACLE THERMOPLASTIC WHEELS

PN WHEELS

RWM Caster's Pinnacle Thermoplastic Wheels are ultra-tough glass filled nylon non-marking wheels. They are extremely durable, deflect floor debris and have high impact resistance. Our Pinnacle Thermoplastic Wheels roll easily and are able to handle high load capacities requiring far less force to roll than other hard tread wheels. This economical wheel is extremely resistant to water, most chemicals, solvents, salts and steam cleaning.

FEATURES

Wheel Bearings	Choice of straight roller or celcon
Temperature Range	-40° to +350°F
Hardness	85 D Shore Durometer

APPLICATIONS

Platform carts	Warehouse and factory applications
Material handling carts	Food service and drywall carts



PNR-0620-08

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Roller Bearing	Plain Bearing	Hub Length	Approx Weight lbs.
4"	2"	800	1/2"	PNR-0420-08	PNC-0420-08	2-7/16"	1.06
		800	5/8"	PNR-0420-10	PNC-0420-10	2-7/16"	1.06
		800	3/4"	PNR-0420-12	PNC-0420-12	2-7/16"	1.06
5"	2"	1000	1/2"	PNR-0520-08	PNC-0520-08	2-7/16"	1.27
		1000	5/8"	PNR-0520-10	PNC-0520-10	2-7/16"	1.27
		1000	3/4"	PNR-0520-12	PNC-0520-12	2-7/16"	1.27
6"	2"	1200	1/2"	PNR-0620-08	PNC-0620-08	2-7/16"	1.54
		1200	5/8"	PNR-0620-10	PNC-0620-10	2-7/16"	1.54
		1200	3/4"	PNR-0620-12	PNC-0620-12	2-7/16"	1.54
8"	2"	1400	1/2"	PNR-0820-08	PNC-0820-08	2-7/16"	2.10
		1400	5/8"	PNR-0820-10	PNC-0820-10	2-7/16"	2.10
		1400	3/4"	PNR-0820-12	PNC-0820-12	2-7/16"	2.10

HIGH TEMPERATURE NYLON WHEELS

HN WHEELS

WHEELS

NYLON

ENGINEERED TO OUTPERFORM

UP TO 1,400 LBS CAPACITY

High Temperature Glass Filled Nylon Wheels can be used continuously at 350°F and intermittently up to 550°F. They are molded from reinforced nylon designed specifically to withstand high temperatures and have excellent wear resistance. High Temperature Nylon Wheels are capable of high load capacities and have excellent impact resistance at room temperature.

FEATURES

Wheel Bearings	Choice of straight roller or celcon
Temperature Range	-40° to +350°F
Hardness	85 D Shore Durometer

APPLICATIONS

RWM Caster's High Temperature Nylon Wheels are highly resistant to water, cooking oils, fats, petroleum based products, common cleaning solutions, solvents, acids and salt. They will outlast and outperform all other high temperature wheels and can be used in:

- Bakeries
- Smokehouses
- Curing ovens
- Autoclaves
- Mobile powder coating racks



HNR-0620-19

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Roller Bearing	Plain Bearing	Hub Length	Approx Weight lbs.
3"	1-1/4"	300	3/8"		HNP-0312-06	1-1/2"	0.7
4"	1-1/4"	300	3/8"		HNP-0412-06	1-1/2"	0.9
4"	1-1/2"	700	1/2"		HNP-0415-08	1-7/8"	1.1
4"	2"	800	1/2"	HNR-0420-08		2-7/16"	1.9
		800	5/8"	HNR-0420-10		2-7/16"	1.9
		800	3/4"	HNR-0420-12		2-7/16"	1.9
5"	1-1/4"	350	3/8"		HNP-0512-06	1-1/2"	1.4
5"	2"	1000	1/2"	HNR-0520-08		2-7/16"	2.2
		1000	5/8"	HNR-0520-10		2-7/16"	2.2
		1000	3/4"	HNR-0520-12		2-7/16"	2.2
6"	2"	1200	1/2"	HNR-0620-08		2-7/16"	3.5
		1200	5/8"	HNR-0620-10		2-7/16"	3.5
		1200	3/4"	HNR-0620-12		2-7/16"	3.5

ERGO GT WHEELS

RWM Caster's GT Solid Elastomer Wheels are high performance wheels made from a tough blend of elastomers with the advanced wheel design to carry heavy loads without component breakdown. These industrial wheels will resist most chemicals in industrial and institutional environments. The GT wheel will perform continuously for extended periods on all surfaces and under all conditions. This wheel provides excellent rollability with minimum effort. It will absorb impacts without damage that would shatter other wheels. The GT will perform under the most extreme temperatures almost entirely maintenance free, and will roll mile after mile with virtually no tread wear.

The GT Wheel advanced wheel design:

- carries immense loads without component breakdown
- moves smoothly and accurately with an absolute minimum pounds of force required to initiate and sustain momentum
- resists chemical onslaughts from nearly every source
- performs continuously for very extended periods
- on all surfaces and under all conditions
- absorbs impacts without damage that would shatter other wheels
- continues to perform under the most extreme temperatures
- rolls mile after mile with virtually no tread wear
- performs almost entirely maintenance free
- will not flat spot
- non-marking
- one piece construction

FEATURES

Wheel Bearings	Sealed precision ball bearing
Temperature Range	-40° to +275°F
Bores	1-1/2" and 2" wide wheels are 1/2" bore, 2-1/2" and 3" wide wheels are 3/4" and 1" bore
Hardness	75 durometer Shore D

APPLICATIONS

Automotive	Continuous use applications
Foodservice	Tow line applications
Freezers	

Increased Capacity

The GT Wheel's premium blend of high strength/high performance elastomers, plus its state-of-the-art wheel architecture combine to provide 5%-15% more capacity than any other solid elastomer wheel available on the market.

Chemical Resistance

The GT Wheel is immune to practically every chemical currently in use in industrial/institutional environments.



GTB-0820-12

OPTIONS

- TG** Thread Guard on 1-1/4", 1-1/2", 2" tread wheels
- YY** Shorter Hub Length

Improved Rollability

Probably the most important aspect of day-to-day wheel usage is rollability. In tests involving rolling effort for two swivel casters carrying a load of 1150 pounds per caster, the GT Wheel was matched against competition in straight line pulling effort: 90 degrees to the direction of travel and 180 degrees to the direction of travel. Both wheels were elastomer, were equipped with precision ball bearings and were mounted into identical caster frames. The results of the tests as measured by a computer using a load cell clearly indicate that the GT Wheel provides momentum and maneuverability at half the effort - see the chart below:

POUNDS OF EFFORT TO INITIATE MOVEMENT

Wheel	Load Pounds	Straight Line	90 Degree Start	180 Degree Start
RWM GT Wheel	1150	9	14	21
Competitor	1150	17	34	27

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Sealed Precision Ball Bearing	Hub Length	Approx Weight lbs.
4"	1-1/2"	900	1/2"	GTB-0415-08	1-7/8"	1.0
4"	2"	1050	1/2"	GTB-0420-08	2-7/16"	1.5
5"	1-1/2"	1000	1/2"	GTB-0515-08	1-7/8"	1.4
5"	2"	1200	1/2"	GTB-0520-08	2-7/16"	2.0
6"	1-1/2"	1200	1/2"	GTB-0615-08	1-7/8"	1.8
6"	2"	1500	1/2"	GTB-0620-08	2-7/16"	2.8
6"	2-1/2"	2300	3/4"	GTB-0625-12	3-1/2"	4.8
		2300	1"	GTB-0625-16	3-1/2"	4.8
		2300	3/4"	GTB-0625-12-YY	3"	4.8
		2300	1"	GTB-0625-16-YY	3"	4.8
8"	2"	1800	1/2"	GTB-0820-08	2-7/16"	4.4
8"	2-1/2"	2400	3/4"	GTB-0825-12	3-1/2"	5.4
		2400	1"	GTB-0825-16	3-1/2"	5.4
		2400	3/4"	GTB-0825-12-YY	3"	5.4
		2400	1"	GTB-0825-16-YY	3"	5.4
10"	3"	3400	3/4"	GTB-1030-12	3-1/2"	10.0
		3400	1"	GTB-1030-16	3-1/2"	10.0

Superior Endurance

RWM engineers subjected the GT Wheel to a battery of exhaustive tests on both smooth and rough surfaces, as well as on a metal obstacle testing machine designed to simulate the most challenging workplace conditions. Here are the results of those tests:

- In continuous rolling tests - at a maximum capacity, and at three miles per hour - the GT Wheel outperformed competitors by a four-to-one ratio, rolling on and on while competitors' wheels literally melted.
- The same four-to-one ratio also applied to obstacle test, proving conclusively that the GT Wheel is not only the most maneuverable wheel on the market, but also the most durable wheel on the market.

Reduced Tread Wear

Following the grueling endurance test described above, and after many miles of continuous rolling under the most challenging conditions, a diameter measurement of the GT Wheel showed a minuscule wear factor of less than .007" or practically no wear at all.

Extended Temperature Performance

Most wheels melt or shatter at temperature extremes - but the GT Wheel provides sustained performance at temperatures ranging from -40 degrees F to +275 degrees F.

Impact Resistance

The GT wheel's unique combination of chemical composition and wheel design equipped to withstand vastly greater impacts than other wheels. While phenolic, hard rubber, cast iron, and thermoplastic constructions shatter, the GT Wheel rolls on effortlessly.

Ease of Maintenance

The GT Wheel's one-piece design and sealed, precision ball bearing combine with a tremendous ability to resist the effects of water and chemicals to make it literally maintenance free.

The GT Wheel offers you the finest in-shop industrial and institutional transportation capabilities available anywhere! In addition to its many other applications, the GT Wheel's ability to handle extremely heavy loads, to traverse both smooth and rough floors, and to sustain heavy impact without damage make it ideal for manual moving of equipment as well as for use in tow line applications.

ULTRON WHEELS

RWM Caster's Nylatron Wheels are EXTREMELY heavy duty wheels designed for severe loads. They have great rollability and are easier on floors than steel and iron wheels. Nylatron Wheels do not chunk or separate under extreme applications. They are resilient against high temperature buildup from bearings and friction. Our Nylatron Wheels are proudly Made in the USA.

These Nylatron Wheels are not for use in heavily acidic or base environments. Contact RWM for larger sizes. Hub length includes top hat bushings. 3" wide wheels require 4 precision ball bearings.

FEATURES








Finish	Machined
Temperature Range	-40°F to +300°F
Bores	Special configurations available on request
Keyways	Can be installed on most sizes
Bearings	Sealed Precision Ball Bearings
Durometer	Shore 80-85D
Options	Flanged, V-Groove, and other configurations available upon request



NYB-0620-30MM

*Don't see what you need?
RWM can customize nearly any product!*



 Wheel Diameter	 Wheel Width	 Capacity	 Axle Diameter	 Ball Bearing	 Hub Length	 Approx Weight
2	1	250	5/16"	NYB-0210-05	1 1/16"	0.6
3	1.25	550	5/16"	NYB-0312-05	1 1/2"	1.2
		550	3/8"	NYB-0312-06	1 1/2"	1.2
3	1.5	700	3/8"	NYB-0315-06	1 7/8"	1.4
		700	1/2"	NYB-0315-08	1 7/8"	1.4
4	1.25	850	5/16"	NYB-0412-05	1 1/2"	1.8
		850	3/8"	NYB-0412-06	1 1/2"	1.8
4	1.5	1,200	3/8"	NYB-0415-06	1 7/8"	2.1
		1,200	1/2"	NYB-0415-08	1 7/8"	2.1
4	2	2,000	1/2"	NYB-0420-08	2 1/2"	2.5
		2,000	5/8"	NYB-0420-10	2 1/2"	2.5
		4,000	3/4"	NYB-0420-12	2 1/2"	2.5
		4,000	1"	NYB-0420-16	2 1/2"	2.5
5	1.25	1,200	5/16"	NYB-0512-05	1 1/2"	2.4
		1,200	3/8"	NYB-0512-06	1 1/2"	2.4
5	1.5	1,400	3/8"	NYB-0515-06	1 7/8"	2.6
		1,400	1/2"	NYB-0515-08	1 7/8"	2.6
5	2	2,000	1/2"	NYB-0520-08	2 1/2"	3
		2,000	5/8"	NYB-0520-10	2 1/2"	3
		4,500	3/4"	NYB-0520-12	2 1/2"	3
		4,500	1"	NYB-0520-16	2 1/2"	3
6	1.5	1,600	3/8"	NYB-0615-06	1 7/8"	3.4
		1,600	1/2"	NYB-0615-08	1 7/8"	3.4
6	2	2,200	1/2"	NYB-0620-08	2 1/2"	4
		2,200	5/8"	NYB-0620-10	2 1/2"	4
		5,000	3/4"	NYB-0620-12	2 1/2"	4
		5,000	1"	NYB-0620-16	2 1/2"	4
6	2.5	6,500	3/4"	NYB-0625-12-YY	3"	4.5
		6,500	1"	NYB-0625-16-YY	3"	4.5
6	3	4,000	1/2"	NYB-0630-08	3 1/2"	5.2
		4,000	5/8"	NYB-0630-10	3 1/2"	5.2
		10,000	3/4"	NYB-0630-12	3 1/2"	5.2
		10,000	1"	NYB-0630-16	3 1/2"	5.2
		10,000	1 1/4"	NYB-0630-20	3 1/2"	4.4
8	2	3,000	1/2"	NYB-0820-08	2 1/2"	5.6
		3,000	5/8"	NYB-0820-10	2 1/2"	5.6
		5,000	3/4"	NYB-0820-12	2 1/2"	5.6
		5,000	1"	NYB-0820-16	2 1/2"	5.6
8	2.5	7,500	3/4"	NYB-0825-12-YY	3"	7.1
		7,500	1"	NYB-0825-16-YY	3"	7.1
8	3	10,000	3/4"	NYB-0830-12	3 1/2"	8
		10,000	1"	NYB-0830-16	3 1/2"	8
		10,000	1 1/4"	NYB-0830-20	3 1/2"	8
8	4	14,000	1"	NYB-0840-16	4 1/2"	12
		14,000	1 1/4"	NYB-0840-20	4 1/2"	12
10	2.5	8,500	3/4"	NYB-1025-12-YY	3"	9.5
		8,500	1"	NYB-1025-16-YY	3"	9.5
10	3	10,000	3/4"	NYB-1030-12	3 1/2"	11
		10,000	1"	NYB-1030-16	3 1/2"	11
		10,000	1 1/4"	NYB-1030-20	3 1/2"	11
10	4	16,500	1"	NYB-1040-16	4 1/2"	15
		16,500	1 1/4"	NYB-1040-20	4 1/2"	15
12	3	10,000	3/4"	NYB-1230-12	3 1/2"	13
		10,000	1"	NYB-1230-16	3 1/2"	13
		10,000	1 1/4"	NYB-1230-20	3 1/2"	13

CAST IRON WHEELS

WHEELS

METAL

ENGINEERED TO OUTPERFORM

RWM Caster's Cast Iron Wheels are made of much stronger material than inexpensive semi-steel wheels offered by many other industrial wheel manufacturers. These high quality cast iron wheels can withstand high temperatures and exposure to water or the environment. They will rust over time. Cast iron wheels can also withstand exposure to chemicals, grease and oils.



CIR-0615-19

FEATURES

Wheel Bearings	Choice of straight roller, annular ball, tapered, celcon or plain
Temperature Range	-40° to +800°F
Retaining Washers	All wheels 1-1/2" and wider with roller bearings are equipped with a metal thrust/retainer washer
Finish	Painted
Bores	Special sizes available upon request
Lubrication	All wheels 1-1/4", 1-1/2", and 2" wide are generally lubricated through the hollow axle. Lubrication fittings can be installed on the hub upon request on most of these wheels. 2-1/2" and wider wheels are supplied with a lubrication fitting on the hub.

APPLICATIONS

RWM Cast Iron Wheels are exceptionally long wearing, provide excellent resistance to shock and are a good choice for heavy loads in manufacturing and warehousing, especially on rough concrete, wood block and other rough surface conditions.

OPTIONS

SPANNERS	
SI	Spanner Included
YOKE LENGTH	
YY	Shorter Hub Length
GUARDS	
TG	Thread Guard on 1-1/4", 1-1/2", 2" tread wheels
SEALS	
WS	Wheel Seals
FITTINGS	
ZF	Zerk Fittings on 2" wide and smaller wheels

*4," 5," 6," and 8" diameter, 2" wheels are solid hub.

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Straight Roller Bearing	Ball Bearing	Tapered Roller Bearing	Celcon Bearing	Hub Length	Approx Weight lbs.	
3"	1-1/4"	300	5/16"		CIB-0312-05		CIP-0312-05	1-15/32"	1.5	
		300	3/8"			CIP-0312-06	1-15/32"	1.5		
		300	1/2"			CIP-0312-08	1-15/32"	1.5		
3"	1-1/2"	350	3/8"		CIB-0315-06			1-7/8"	2	
		400	1/2"	CIR-3215-08			CIO-3215-08	1-7/8"	3	
		400	5/8"	CIR-3215-10			CIO-3215-10	1-7/8"	3	
3 1/4"	1 1/2"	400	3/4"	CIR-3215-12			CIO-3215-12	1-7/8"	3	
		300	3/8"				CIC-3512-06	1-15/32"	1.4	
		500	5/16"		CIB-0412-05			1-7/16"	1.9	
500	3/8"					CIP-0412-06	1-7/16"	1.9		
500	3/8"	CIR-0415-06		CIB-0415-06			CIC-0415-06	1-7/8"	3.2	
4"	1-1/2"	500	1/2"	CIR-0415-08		CIB-0415-08		CIC-0415-08	1-7/8"	3.2
		500	5/8"	CIR-0415-10				CIC-0415-10	1-7/8"	3.2
		500	3/4"	CIR-0415-12				CIC-0415-12	1-7/8"	3.2
		800	1/2"	CIR-0420-08		CIB-0420-08		CIC-0420-08	2-7/16"	3.3
		800	5/8"	CIR-0420-10			CIC-0420-10	2-7/16"	3.3	
800	3/4"	CIR-0420-12		CIC-0420-12	2-7/16"		3.3			
4"	3"	2000	3/4"	CIR-0430-12		CIT-0430-12		3-1/2"	8	
		2000	1"	CIR-0430-16			CIT-0430-16	3-1/2"	8	
		1500	3/4"	CIR-4525-12			CIT-4525-12	3-1/2"	8.1	
4-1/2"	2-1/2"	1500	1"	CIR-4525-16				3-1/2"	8.1	
		1500	1-1/4"	CIR-4525-20				3-1/2"	8.1	

UP TO 10,000 LBS CAPACITY

Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Straight Roller Bearing	Ball Bearing	Tapered Roller Bearing	Celcon Bearing	Hub Length	Approx Weight lbs.
5"	2-1/2"	2000	3/4"	CIR-0525-12		CIT-0525-12		3-1/2"	8
		2000	1"	CIR-0525-16		CIT-0525-16		3-1/2"	8
		2000	1"	CIR-0525-16-SI				3-1/2"	8
		2000	1-1/4"	CIR-0525-20				3-1/2"	8
6"	1-1/2"	600	3/8"	CIR-0615-06	CIB-0615-06		CIC-0615-06	1-7/8"	5
		600	1/2"	CIR-0615-08	CIB-0615-08		CIC-0615-08	1-7/8"	5
		600	5/8"	CIR-0615-10				1-7/8"	5
		600	3/4"	CIR-0615-12				CIC-0615-12	1-7/8"
6"	2"	1200	1/2"	CIR-0620-08	CIB-0620-08		CIC-0620-08	2-7/16"	5.7
		1200	5/8"	CIR-0620-10	CIB-0620-10		CIC-0620-10	2-7/16"	5.7
		1200	3/4"	CIR-0620-12	CIB-0620-12		CIC-0620-12	2-7/16"	5.7
6"	2-1/2"	1800	3/4"	CIR-0625-12-YY		CIT-0625-12-YY		3"	9.5
		1800	1"	CIR-0625-16-YY		CIT-0625-16-YY		3"	9.5
		1800	1"	CIR-0625-16-SI-YY				3"	9.5
		1800	1-1/4"	CIR-0625-20-YY				3"	9.5
6"	3"	3000	3/4"	CIR-0630-12		CIT-0630-12		3-1/2"	12
		3000	1"	CIR-0630-16		CIT-0630-16		3-1/2"	12
		3000	1"	CIR-0630-16-SI				3-1/2"	12
		3000	1-1/4"	CIR-0630-20				3-1/2"	12
8"	2"	1400	1/2"	CIR-0820-08	CIB-0820-08		CIC-0820-08	2-7/16"	11.4
		1400	5/8"	CIR-0820-10	CIB-0820-10		CIC-0820-10	2-7/16"	11.4
		1400	3/4"	CIR-0820-12	CIB-0820-12		CIC-0820-12	2-7/16"	11.4
8"	2-1/2"	1800	3/4"	CIR-0825-12-YY		CIT-0825-12-YY		3"	14.5
		1800	1"	CIR-0825-16-YY		CIT-0825-16-YY		3"	14.5
		1800	1"	CIR-0825-16-SI-YY				3"	14.5
		1800	1-1/4"	CIR-0825-20-YY				3"	14.5
		2000	3/4"	CIR-0825-12		CIT-0825-12		3-1/2"	15.5
		2000	1"	CIR-0825-16				3-1/2"	15.5
		2000	1"	CIR-0825-16-SI		CIT-0825-16		3-1/2"	15.5
		2000	1-1/4"	CIR-0825-20				3-1/2"	15.5
8"	3"	3000	3/4"	CIR-0830-12		CIT-0830-12		3-1/2"	15.5
		3000	1"	CIR-0830-16				3-1/2"	15.5
		3000	1"	CIR-0830-16-SI		CIT-0830-16		3-1/2"	15.5
		3000	1-1/4"	CIR-0830-20				3-1/2"	15.5
8"	4"	4000	1"	CIR-0840-16		CIT-0840-16		4-1/2"	26
		4000	1-1/4"	CIR-0840-20		CIT-0840-20		4-1/2"	26
10"	2-1/2"	1800	3/4"	CIR-1025-12-YY		CIT-1025-12-YY		3"	17
		1800	1"	CIR-1025-16-YY		CIT-1025-16-YY		3"	17
		1800	1"	CIR-1025-16-SI-YY				3"	17
		1800	1-1/4"	CIR-1025-20-YY				3"	17
		2500	3/4"	CIR-1025-12		CIT-1025-12		3-1/2"	19
		2500	1"	CIR-1025-16		CIT-1025-16		3-1/2"	19
		2500	1"	CIR-1025-16-SI				3-1/2"	19
10"	3"	4000	3/4"	CIR-1030-12		CIT-1030-12		3-1/2"	27
		4000	1"	CIR-1030-16		CIT-1030-16		3-1/2"	27
		4000	1"	CIR-1030-16-SI				3-1/2"	27
		4000	1-1/4"	CIR-1030-20		CIT-1030-20		3-1/2"	27
10"	4"	5000	1-1/4"	CIR-1040-20		CIT-1040-20		4-1/2"	35
10"	5"	6000	1-1/4"	CIR-1050-20		CIT-1050-20		5-1/2"	24
		6000	1-1/2"	CIR-1050-24		CIT-1050-24		5-1/2"	24
12"	2-1/2"	2500	3/4"	CIR-1225-12-YY		CIT-1225-12-YY		3"	17
		2500	1"	CIR-1225-16-YY		CIT-1225-16-YY		3"	17
		2500	1"	CIR-1225-16-SI-YY				3"	17
		2500	1-1/4"	CIR-1225-20-YY				3"	17
12"	3"	5000	3/4"	CIR-1230-12		CIT-1230-12		3-1/2"	29
		5000	1"	CIR-1230-16				3-1/2"	29
		5000	1"	CIR-1230-16-SI		CIT-1230-16		3-1/2"	29
		5000	1-1/4"	CIR-1230-20		CIT-1230-20		3-1/2"	29
12"	6"	10000	1"	CIR-1260-16		CIT-1260-16		6-1/2"	70
		10000	1-1/4"	CIR-1260-20		CIT-1260-20		6-1/2"	70
		10000	1-1/2"	CIR-1260-24		CIT-1260-24		6-1/2"	70
16"	5"	7000	1-1/4"	CIR-1650-20		CIT-1650-20		5-1/2"	70
		7000	1-1/2"	CIR-1650-24		CIT-1650-24		5-1/2"	70

FORGED STEEL WHEELS

WHEELS

METAL

ENGINEERED TO OUTPERFORM

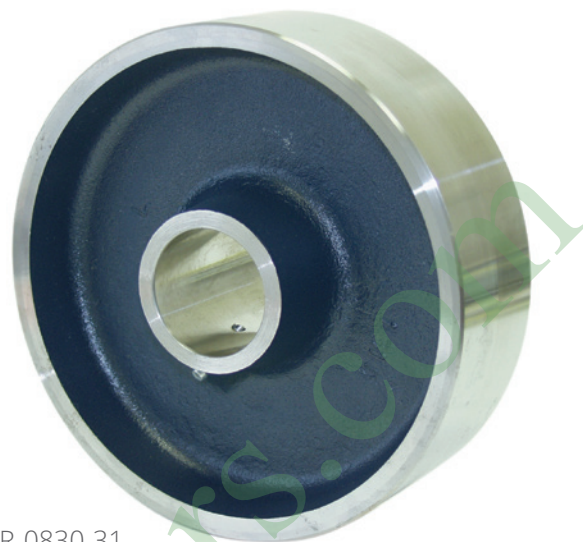
RWM Casters manufactures these Forged Steel Wheels by hot forging them from medium carbon steel providing maximum strength and durability. RWM Forged Steel Wheels are virtually indestructible within their capacity range. These industrial forged steel wheels should not be confused with ductile iron or heavy-duty cast iron wheels offering both lower cost and reduced capacities.

FEATURES

Wheel Bearings	Choice of straight roller bearings or precision tapered bearings
Temperature Range	-50° to 800°F
Hub Length	Can be shortened or lengthened to order
Lubrication Fittings	Standard on 2-1/2" and wider wheels
Bores	Sizes can be altered
Keyways	Can be installed on most sizes

APPLICATIONS

Our Forged Steel Wheels can be used in the roughest, most demanding, abusive applications on the poorest floors under the heaviest of loads. RWM industrial Forged Steel Wheels are the only choice when extra heavy duty loads on poor floor conditions need to be moved safely.



FSR-0830-31

OPTIONS

SPANNERS	
SI	Spanner Includes
GUARDS	
TG	Thread Guard on 1-1/2" and 2" tread wheels
SEALS	
WS	Wheel Seals
FITTINGS	
ZF	Zerk Fittings

*Add YY for 3" hub length on 2-1/2" tread wheels.











65-FSR-0520-S



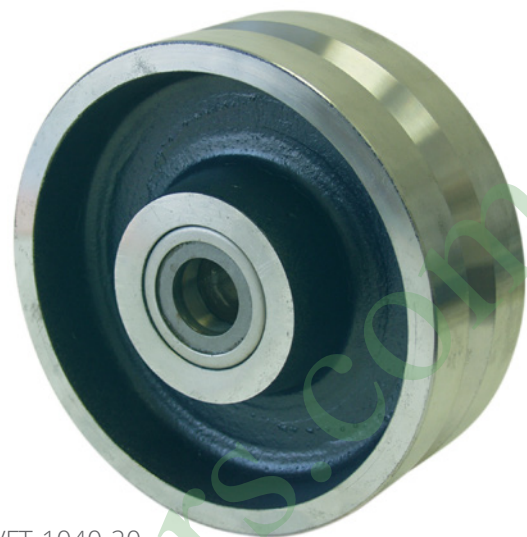
75-FST-1030-S

UP TO 20,000 LBS CAPACITY

 Wheel Diameter	 Wheel Width	 Capacity lbs.	 Axle Diameter	 Straight Roller Bearing	 Tapered Bearing	 Hub Length	 Approx Weight lbs.
4"	1-1/2"	1400	1/2"	FSR-0415-08		2-7/16"	3.1
		1400	5/8"	FSR-0415-10		2-7/16"	3.1
		1400	3/4"	FSR-0415-12		2-7/16"	3.1
5"	2"	1500	1/2"	FSR-0520-08	FST-0520-08	2-7/16"	5
		1500	5/8"	FSR-0520-10		2-7/16"	5
		1500	3/4"	FSR-0520-12		2-7/16"	5
6"	2"	1800	1/2"	FSR-0620-08	FST-0620-08	2-7/16"	6.3
		1800	5/8"	FSR-0620-10		2-7/16"	6.3
		1800	3/4"	FSR-0620-12		2-7/16"	6.3
6"	2-1/2"	5000	3/4"	FSR-0625-12	FST-0625-12	3-1/2"	11.2
		5000	1"	FSR-0625-16	FST-0625-16	3-1/2"	11.2
6"	3"	7000	3/4"	FSR-0630-12-SI	FST-0630-12	3-1/2"	20
		7000	1"	FSR-0630-16-SI	FST-0630-16	3-1/2"	20
		7000	1-1/4"	FSR-0630-20	FST-0630-20	3-1/2"	20
		10000	1-1/4"		FST-0630-20-HD	3-1/2"	20
8"	2-1/2"	4500	3/4"	FSR-0825-12	FST-0825-12	3-1/2"	18
		4500	1"	FSR-0825-16		3-1/2"	18
		4500	1"	FSR-0825-16-SI	FST-0825-16	3-1/2"	18
		4500	1-1/4"	FSR-0825-20		3-1/2"	18
8"	3"	5500	3/4"	FSR-0830-12	FST-0830-12	3-1/2"	19
		5500	1"	FSR-0830-16		3-1/2"	19
		5500	1"	FSR-0830-16-SI	FST-0830-16	3-1/2"	19
		5500	1-1/4"	FSR-0830-20		3-1/2"	19
		10000	1"		FST-0830-16-HD	3-1/2"	19
		10000	1-1/4"		FST-0830-20-HD	3-1/2"	19
8"	4"	10000	1-1/4"	FSR-0840-20		4-1/2"	36
		10000	1-1/2"	FSR-0840-24		4-1/2"	36
		10000	2"	FSR-0840-32		4-1/2"	36
		20000	1-1/4"		FST-0840-20	4-1/2"	36
		20000	1-1/2"		FST-0840-24	4-1/2"	36
		6000	3/4"	FSR-1030-12	FST-1030-12	3-1/2"	37
10"	3"	6000	1"	FSR-1030-16		3-1/2"	37
		6000	1"	FSR-1030-16-SI	FST-1030-16	3-1/2"	37
		6000	1-1/4"	FSR-1030-20	FST-1030-20	3-1/2"	37
		10000	1-1/4"	FSR-1040-20		4-1/2"	48
10"	4"	10000	1-1/2"	FSR-1040-24		4-1/2"	48
		10000	2"	FSR-1040-32		4-1/2"	48
		20000	1-1/4"		FST-1040-20	4-1/2"	48
		20000	1-1/2"		FST-1040-24	4-1/2"	48

V-GROOVE WHEELS

RWM Casters V-Groove industrial track wheels are high strength cast iron (VI) castings or forged steel (VF) forgings machined with a 90° groove for operation on an inverted angle iron track. Care must be made to assure the inverted angle iron track is parallel to ensure smooth and constant tracking. In some cases, it may be advisable to run inverted angle iron on one side with V-Groove wheels and flat bar stock steel on the other side with a flat faced cast iron or forged steel wheel.



VFT-1040-20

FEATURES

Wheel Bearings	Choice of straight roller bearing or tapered bearing
Temperature Range	-50° to +800°F
Hub Length	Can be cut or lengthened with spacers
Lubrication Fittings	Standard on 2-1/2" and wider wheels
Bores	Various sizes available on some wheels
Keyways	Can be installed on most sizes

OPTIONS

SEALS	
WS	Wheel Seals
FITTINGS	
ZF	Zerk Fittings on 2" wide and smaller wheels

APPLICATIONS

V-Groove Wheels are used to control the flow of a load, i.e., into an oven, between machines, over long distances or where "production line" sequence is required.



WHEELS

METAL

ENGINEERED TO OUTPERFORM

UP TO 15,000 LBS CAPACITY

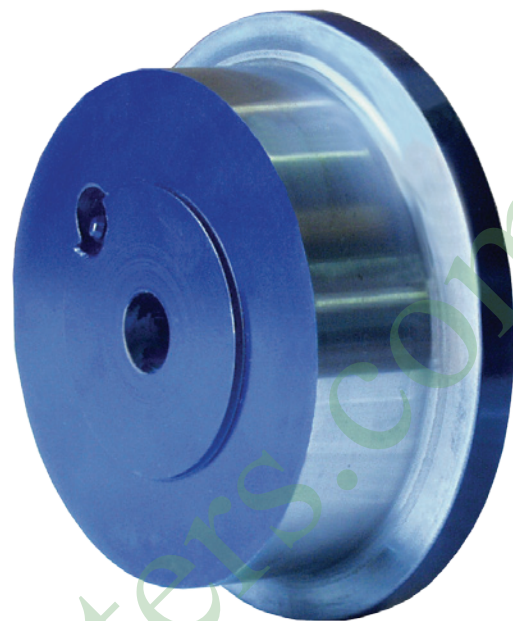
Wheel Diameter	Wheel Width	Capacity lbs.	Axle Diameter	Straight Roller Bearing	Tapered Roller Bearing	Width of Groove	Depth of Groove	Hub Length	Approx. Weight
4"	1-1/2"	700	1/2"	VIR-0415-08		7/8"	7/16"	1-7/8"	3.4
		700	5/8"	VIR-0415-10		7/8"	7/16"	1-7/8"	3.4
		700	3/4"	VIR-0415-12		7/8"	7/16"	1-7/8"	3.4
4"	2"	800	1/2"	VIR-0420-08		7/8"	7/16"	2-7/16"	4.5
		800	5/8"	VIR-0420-10		7/8"	7/16"	2-7/16"	4.5
		800	3/4"	VIR-0420-12		7/8"	7/16"	2-7/16"	4.5
5"	2"	800	1/2"	VIR-0520-08		7/8"	7/16"	2-7/16"	6.3
		800	5/8"	VIR-0520-10		7/8"	7/16"	2-7/16"	6.3
		800	3/4"	VIR-0520-12		7/8"	7/16"	2-7/16"	6.3
6"	2"	1000	1/2"	VIR-0620-08	VIT-0620-08	7/8"	7/16"	2-7/16"	7.2
		1000	5/8"	VIR-0620-10		7/8"	7/16"	2-7/16"	7.2
		1000	3/4"	VIR-0620-12	VIT-0620-12	7/8"	7/16"	2-7/16"	7.2
6"	2-1/2"	1500	3/4"	VIR-0625-12-YY	VIT-0625-12-YY	7/8"	7/16"	3"	11.2
		1500	1"	VIR-0625-16-SI-YY		7/8"	7/16"	3"	11.2
		1500	1"	VIR-0625-16-YY	VIT-0625-16-YY	7/8"	7/16"	3"	11.2
		1500	1-1/4"	VIR-0625-20-YY		7/8"	7/16"	3"	11.2
		2500	3/4"	VIR-0625-12	VIT-0625-12	7/8"	7/16"	3-1/2"	11.2
		2500	1"	VIR-0625-16-SI		7/8"	7/16"	3-1/2"	11.2
		2500	1"	VIR-0625-16	VIT-0625-16	7/8"	7/16"	3-1/2"	11.2
		2500	1-1/4"	VIR-0625-20		7/8"	7/16"	3-1/2"	11.2
		2500	1-1/4"	VIR-0625-20		7/8"	7/16"	3-1/2"	11.2
6"	3"	3500	3/4"	VIR-0630-12	VIT-0630-12	7/8"	7/16"	3-1/2"	20
		3500	1"	VIR-0630-16	VIT-0630-16	7/8"	7/16"	3-1/2"	20
		3500	1"	VIR-0630-16-SI		7/8"	7/16"	3-1/2"	20
		3500	1-1/4"	VIR-0630-20		7/8"	7/16"	3-1/2"	20
		7000	3/4"	VFR-0630-12	VFT-0630-12	1-3/8"	11/16"	3-1/2"	30
		7000	1"		VFT-0630-16	1-3/8"	11/16"	3-1/2"	30
		7000	1"	VFR-0630-16-SI		1-3/8"	11/16"	3-1/2"	30
		7000	1-1/4"	VFR-0630-20	VFT-0630-20	1-3/8"	11/16"	3-1/2"	30
		7000	1-1/2"	VFR-0630-24	VFT-0630-24	1-3/8"	11/16"	3-1/2"	30
		10,000	1-1/4"		VFT-0630-20-HD	1-3/8"	11/16"	3-1/2"	30
8"	2"	1050	1/2"	VIR-0820-08	VIT-0820-08	7/8"	7/16"	2-7/16"	13.2
		1050	5/8"	VIR-0820-10		7/8"	7/16"	2-7/16"	13.2
		1050	3/4"	VIR-0820-12	VIT-0820-12	7/8"	7/16"	2-7/16"	13.2
8"	2-1/2"	3000	3/4"	VIR-0825-12	VIT-0825-12	7/8"	7/16"	3-1/2"	15.8
		3000	1"	VIR-0825-16-SI		7/8"	7/16"	3-1/2"	15.8
		3000	1"	VIR-0825-16	VIT-0825-16	7/8"	7/16"	3-1/2"	15.8
		3000	1-1/4"	VIR-0825-20		7/8"	7/16"	3-1/2"	15.8
8"	3"	5000	3/4"	VIR-0830-12	VIT-0830-12	7/8"	7/16"	3-1/2"	23.5
		5000	1"	VIR-0830-16-SI		7/8"	7/16"	3-1/2"	23.5
		5000	1"	VIR-0830-16	VIT-0830-16	7/8"	7/16"	3-1/2"	23.5
		5000	1-1/4"	VIR-0830-20		7/8"	7/16"	3-1/2"	23.5
		6000	3/4"	VFR-0830-12	VFT-0830-12	7/8"	7/16"	3-1/2"	30
		6000	1"	VFR-0830-16-SI	VFT-0830-16	7/8"	7/16"	3-1/2"	30
		6000	1-1/4"	VFR-0830-20	VFT-0830-20	7/8"	7/16"	3-1/2"	30
		6000	1-1/4"	VFR-0830-20-SI		7/8"	7/16"	3-1/2"	30
		6000	1-1/2"	VFR-0830-24		7/8"	7/16"	3-1/2"	30
		10,000	1-1/4"	VFR-0840-20-SI		1-3/4"	7/8"	4-1/2"	30
8"	4"	10,000	1-1/2"	VFR-0840-24-SI		1-3/4"	7/8"	4-1/2"	30
		10,000	2"	VFR-0840-32		1-3/4"	7/8"	4-1/2"	30
		15,000	1-1/4"		VFT-0840-20	1-3/4"	7/8"	4-1/2"	30
		15,000	1-1/2"		VFT-0840-24	1-3/4"	7/8"	4-1/2"	30
		15,000	1-1/2"			1-3/4"	7/8"	4-1/2"	30
10"	3"	5000	3/4"	VIR-1030-12	VIT-1030-12	7/8"	7/16"	3-1/2"	21
		5000	1"	VIR-1030-16-SI		7/8"	7/16"	3-1/2"	21
		5000	1"	VIR-1030-16	VIT-1030-16	7/8"	7/16"	3-1/2"	21
		5000	1-1/4"	VIR-1030-20	VIT-1030-20	7/8"	7/16"	3-1/2"	21
		6000	3/4"	VFR-1030-12	VFT-1030-12	1-3/8"	11/16"	3-1/2"	31
		6000	1"	VFR-1030-16	VFT-1030-16	1-3/8"	11/16"	3-1/2"	31
		6000	1"	VFR-1030-16-SI		1-3/8"	11/16"	3-1/2"	31
		6000	1-1/4"	VFR-1030-20	VFT-1030-20	1-3/8"	11/16"	3-1/2"	31
10"	4"	10,000	1-1/4"	VFR-1040-20-SI		1-3/4"	7/8"	4-1/2"	38
		10,000	1-1/2"	VFR-1040-24-SI		1-3/4"	7/8"	4-1/2"	38
		10,000	2"	VFR-1040-32		1-3/4"	7/8"	4-1/2"	38
		15,000	1-1/4"		VFT-1040-20	1-3/4"	7/8"	4-1/2"	38
		15,000	1-1/2"		VFT-1040-24	1-3/4"	7/8"	4-1/2"	38
12"	3"	6000	3/4"	VIR-1230-12	VIT-1230-12	7/8"	7/16"	3-1/2"	39
		6000	1"	VIR-1230-16	VIT-1230-16	7/8"	7/16"	3-1/2"	39
		6000	1"	VIR-1230-16-SI		7/8"	7/16"	3-1/2"	39
		6000	1-1/4"	VIR-1230-20	VIT-1230-20	7/8"	7/16"	3-1/2"	39

MACHINED STEEL FLANGED WHEELS

RWM Casters Machined Steel Flanged Wheels are designed with the most gruesome applications in mind. These industrial track wheels optimize production flow by running on tracks instead of the production floor itself, preventing damage to your floors and aiding in rollability. Capable of handling the largest loads, these wheels are the best solution to move the heaviest of projects and are proudly Made in the USA! RWM's machined steel flanged wheels are induction heat treated for extended service life and long term abuse.

FEATURES

Temperature Range	-50° to +800°F
Finish	Painted
Bores	Special sizes available upon request
Keyways	Can be installed on most sizes
Bearings	Sealed Precision Ball Bearings
Single Flange	"S" after bearing #
Dual Flange	"D" after bearing #
Hub Length	Includes spanner & roller bearings installed



FFP-0520-10-S

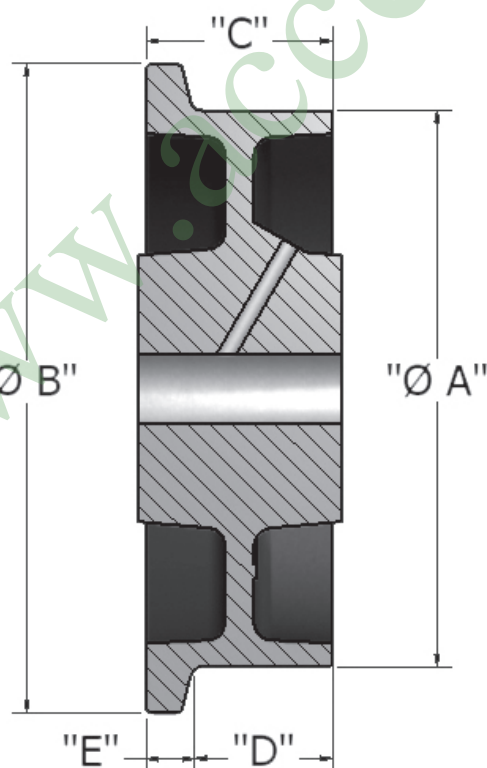
OPTIONS

SEALS

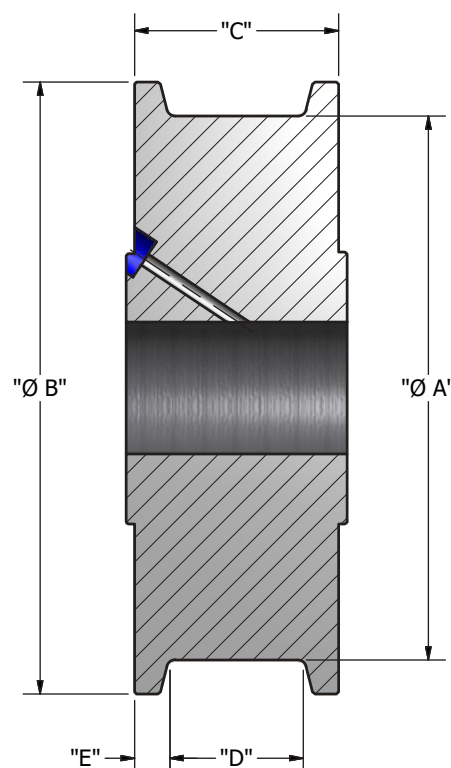
WS Wheel Seals













*Contact RWM for more options. Made to order and can be made in special sizes and configurations.

SINGLE FLANGE



DUAL FLANGE



 Wheel Diameter A	 Wheel Diameter B	 Wheel Width C	 Tread Face D	 Flange E	 Capacity	 Axle Diameter	 Straight Roller Bearing	 Tapered Roller Bearing	 Plain Bearing	 Hub Length	 Approx Weight
DUAL FLANGE SPECIFICATIONS											
6"	7"	3"	2"	1/2"	10000	3/4"	FFR-0630-12-D	FFT-0630-12-D		3-9/16"	18
6"	7"	3"	2"	1/2"	10000	1"	FFR-0630-16-D	FFT-0630-16-D		3-9/16"	18
6"	7"	3"	2"	1/2"	10000	1-1/4"	FFR-0630-20-D	FFT-0630-20-D		3-9/16"	18
6"	7"	3"	2"	1/2"	10000	1-1/2"	FFR-0630-24-D	FFT-0630-24-D		3-9/16"	18
8"	9"	3"	2"	1/2"	10000	3/4"	FFR-0830-12-D	FFT-0830-12-D		3-9/16"	21
8"	9"	3"	2"	1/2"	10000	1"	FFR-0830-16-D	FFT-0830-16-D		3-9/16"	21
8"	9"	3"	2"	1/2"	10000	1-1/4"	FFR-0830-20-D	FFT-0830-20-D		3-9/16"	21
8"	9"	3"	2"	1/2"	10000	1-1/2"	FFR-0830-24-D	FFT-0830-24-D		3-9/16"	21
8"	10"	4"	2-1/2"	3/4"	20000	1"		FFT-0840-16-D		4-9/16"	33
8"	10"	4"	2-1/2"	3/4"	20000	1-1/4"		FFT-0840-20-D		4-9/16"	33
8"	10"	4"	2-1/2"	3/4"	20000	1-1/2"		FFT-0840-24-D		4-9/16"	33
10"	12"	3"	2"	1/2"	15000	3/4"		FFT-1030-12-D		3-9/16"	30
10"	12"	3"	2"	1/2"	15000	1"		FFT-1030-16-D		3-9/16"	30
10"	12"	3"	2"	1/2"	15000	1-1/4"		FFT-1030-20-D		3-9/16"	30
10"	12"	3"	2"	1/2"	15000	1-1/2"		FFT-1030-24-D		3-9/16"	30
10"	12"	4"	2-1/2"	3/4"	20000	1"		FFT-1040-16-D		4-9/16"	42
10"	12"	4"	2-1/2"	3/4"	20000	1-1/4"		FFT-1040-20-D		4-9/16"	42
10"	12"	4"	2-1/2"	3/4"	20000	1-1/2"		FFT-1040-24-D		4-9/16"	42
SINGLE FLANGE SPECIFICATIONS											
5"	6"	2"	1-1/2"	1/2"	3000	1/2"	FFR-0520-08-S	FFT-0520-08-S	FFP-0520-08-S	2-7/16"	8
5"	6"	2"	1-1/2"	1/2"	3000	5/8"	FFR-0520-10-S	FFT-0520-10-S	FFP-0520-10-S	2-7/16"	8
5"	6"	2"	1-1/2"	1/2"	5000	3/4"	FFR-0520-12-S	FFT-0520-12-S	FFP-0520-12-S	2-7/16"	8
5"	6"	2"	1-1/2"	1/2"	5000	1"	FFR-0520-16-S	FFT-0520-16-S		2-7/16"	8
5"	6"	2"	1-1/2"	1/2"	5000	1-1/4"	FFR-0520-20-S	FFT-0520-20-S		2-7/16"	8
6"	7"	2"	1-1/2"	1/2"	4000	1/2"	FFR-0620-08-S	FFT-0620-08-S	FFP-0620-08-S	2-7/16"	10
6"	7"	2"	1-1/2"	1/2"	4000	5/8"	FFR-0620-10-S	FFT-0620-10-S	FFP-0620-10-S	2-7/16"	10
6"	7"	2"	1-1/2"	1/2"	8000	3/4"	FFR-0620-12-S	FFT-0620-12-S	FFP-0620-12-S	2-7/16"	10
6"	7"	2"	1-1/2"	1/2"	8000	1"	FFR-0620-16-S	FFT-0620-16-S		2-7/16"	10
6"	7"	2"	1-1/2"	1/2"	8000	1-1/4"	FFR-0620-20-S	FFT-0620-20-S		2-7/16"	10
6"	7"	3"	2-1/4"	3/4"	10000	3/4"	FFR-0630-12-S	FFT-0630-12-S		3-9/16"	16
6"	7"	3"	2-1/4"	3/4"	10000	1"	FFR-0630-16-S	FFT-0630-16-S		3-9/16"	16
6"	7"	3"	2-1/4"	3/4"	10000	1-1/4"	FFR-0630-20-S	FFT-0630-20-S		3-9/16"	16
6"	7"	3"	2-1/4"	3/4"	10000	1-1/2"	FFR-0630-24-S	FFT-0630-24-S		3-9/16"	16
8"	9"	3"	2-1/4"	3/4"	10000	3/4"	FFR-0830-12-S	FFT-0830-12-S		3-9/16"	19
8"	9"	3"	2-1/4"	3/4"	10000	1"	FFR-0830-16-S	FFT-0830-16-S		3-9/16"	19
8"	9"	3"	2-1/4"	3/4"	10000	1-1/4"	FFR-0830-20-S	FFT-0830-20-S		3-9/16"	19
8"	9"	3"	2-1/4"	3/4"	10000	1-1/2"	FFR-0830-24-S	FFT-0830-24-S		3-9/16"	19
8"	10"	4"	3"	1"	20000	1"		FFT-0840-16-S		4-9/16"	31
8"	10"	4"	3"	1"	20000	1-1/4"		FFT-0840-20-S		4-9/16"	31
8"	10"	4"	3"	1"	20000	1-1/2"		FFT-0840-24-S		4-9/16"	31
10"	12"	3"	2-1/4"	3/4"	15000	3/4"		FFT-1030-12-S		3-9/16"	27
10"	12"	3"	2-1/4"	3/4"	15000	1"		FFT-1030-16-S		3-9/16"	27
10"	12"	3"	2-1/4"	3/4"	15000	1-1/4"		FFT-1030-20-S		3-9/16"	27
10"	12"	3"	2-1/4"	3/4"	15000	1-1/2"		FFT-1030-24-S		3-9/16"	27
10"	12"	4"	3"	1"	20000	1"		FFT-1040-16-S		4-9/16"	39
10"	12"	4"	3"	1"	20000	1-1/4"		FFT-1040-20-S		4-9/16"	39
10"	12"	4"	3"	1"	20000	1-1/2"		FFT-1040-24-S		4-9/16"	39