

URETHANE ON IRON WHEELS

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.

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.



UIR-0820-19

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
		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
	1-1/2"	700	7/16"	1/2"	UIR-0420-08			UIC-0420-08	2-7/16"	3.2
		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
	2"	480	3/8"	5/16"		UIB-0512-05			1-15/32"	2.2
		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
	1-1/2"	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
	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
	1-1/2"	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
	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
	2-1/2"	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

