

95 Series Casters

RWM's 95 Series caster features the patented Kingpinless™ design. This is the design that RWM patented, and that has proven itself to be the best solution for demanding applications. This is the caster design that all others are now copying because it is simply unmatched in extending service life, reducing all possible causes for caster failure. The 95 Series offers a capacity up to 20,000 pounds with a wide variety of heavy duty wheels to maximize capacity. Our 95 Series Casters are proudly made in the USA!



95-UOT-1030-S



Features

Raceway Design: 4-1/2" diameter with 3/4" diameter carbon steel balls. Precision machined and hardened to 53 Rockwell C minimum scale. Load and thrust are accommodated by our patented Kingpinless™ design. Sealed raceway is standard.

Capacity: 20,000 lbs

Leg Thickness: 3/8" formed steel

Axle: 3/4" bolt and nut for 3" wide, 1" or 1-1/4" bolt and nut for 4" wide, 1-1/4" bolt and nut for 5" wide

Lubrication: Grease fitting in swivel and hub of wheel

Finish: Laguna Blue paint

Wheels: 3" wide wheels are available with either a 1" roller bearing that rotates on a 3/4" x 1" x 3-9/16" hardened and ground spanner bushing or 3/4" tapered bearings that rotate on a 3/4" axle. 4" and 5" wheels are available with either a 1-1/4" I.D. roller bearing which rotates on a hardened and ground spanner bushing or 1-1/4" tapered bearings which rotate on the axle. All wheels are equipped with a lubrication fitting.

Mounting Plate Size: 6-1/4" x 7-1/2" x 1/2" swivel top plate, 6" x 7-1/2" x 1/2" rigid top plate

Bolt Hole Spacing: 4-1/2" x 6", slotted to 4-1/8" x 6-1/8"

Swivel Yoke Base: SAE 1045 hot steel forging

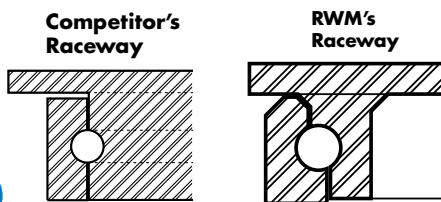
Swivel Top Plate: SAE 1045 hot steel forging

Mounting Bolt Diameter: 1/2"

Applications

The 95 Series typical applications include dollies, utility carts, tow line and platform trucks. It is also ideal for:

- ◆ tow lines
- ◆ abusive conditions
- ◆ automotive
- ◆ metal fabricating
- ◆ military equipment
- ◆ tractor pulled trailers
- ◆ air cargo & ground support equipment
- ◆ boat & ship molding and building
- ◆ storage tanks & gantries
- ◆ heavy duty processing equipment
- ◆ shock load applications
- ◆ production line dollies
- ◆ aerospace
- ◆ heavy machinery
- ◆ mobile homes
- ◆ extreme duty platform trucks



Options

- CWB** Cam Wheel Brake
- DSL** Demountable Swivel Lock*
- FG** Foot Guard
- HDSL** Heavy Duty Demountable Swivel Lock
- HT** High Temperature Lubrication
- HTP** High Temperature Paint
- LT** Low Temperature Lubrication
- NY** Notched Yoke
- PCWB** Poly Cam Wheel Brake
- SD** Shear Disc (up to 3,600 lbs.)
- SL** Swivel Lock**
- WS** Wheel Seals
- ZP** Zinc Plating

*When ordering a Demountable Swivel Lock (DSL), you must also order the Notched Yoke (NY).

**Add 1/4" to overall height for swivel lock (SL) casters with 5" wide wheels.

RWM's Patented Offset Raceway - Why It's a Superior Design

Our patented offset precision-machined raceway exerts radial force evenly where there is full contact between the ball bearing and the raceway. RWM's unique design adds more mass at key points. This, plus more thorough heat treatment, provides additional strength and combats brinelling into the core material. The result:

- ◆ No direct "hammering" forces on the intersections of the raceways
- ◆ Vastly reduced raceway wear
- ◆ Elimination of the "pull apart" forces of stress in the swivel section
- ◆ Smoother swiveling action
- ◆ High maneuverability
- ◆ Longer service life
- ◆ Less maintenance
- ◆ Extra impact resistance
- ◆ High radial force absorption

To order a rigid caster, change the "S" to "R" in the model number. For example: "95-CIR-0630-R". To order a rig only, omit the blue letters. For example: "95-0630-S". Dimensions shown are nominal. If precise dimensions are required, consult your RWM representative. For approximate weight of our rigid caster, deduct 9.6 pounds.

UP TO 20,000 POUND CAPACITY

SPECIFICATIONS

Wheel Diameter	Wheel Width	Wheel Type	lbs. Capacity	Overall Height	Swivel Caster Model Number			Swivel Lead	lbs. Approx Weight
					Straight Roller Bearing	Ball Bearing	Tapered Roller Bearing		
6"	2-1/2"	Forged Steel GT	5000 2300	8-1/2"	95-FSR-0625-S	95-GTB-0625-S	95-FST-0625-S	1-3/4"	23.0 17.0
		Cast Iron Durastan Forged Steel Forged Steel HD Nylatron HD	3000 2000 7000 10000 10000		95-CIR-0630-S 95-DUR-0630-S 95-FSR-0630-S		95-CIT-0630-S 95-FST-0630-S 95-FST-0630-S-HD		1-3/4"
6"	3"	Rubber on Iron Rubber on Iron-EHT Solid Urethane Urethane on Iron V-Groove Forged Steel	680 1020 1650 2000 7000	8-1/2"	95-RIR-0630-S 95-RIR-0630-S-EHT	95-NYB-0630-S 95-MUB-0630-S	95-RIT-0630-S-EHT	1-3/4"	
		Forged Steel GT Rubber on Iron Rubber on Iron-EHT V-Groove Iron	4500 2400 670 1005 3000		95-FSR-0825-S 95-RIR-0825-S 95-RIR-0825-S-EHT 95-VIR-0825-S	95-GTB-0825-S	95-FST-0825-S 95-RIT-0825-S-EHT 95-VIT-0825-S		2-3/16"
8"	2-1/2"	Cast Iron Durastan Forged Steel Nylatron HD Omega	3000 2500 5500 10000 1600	10-1/2"	95-CIR-0830-S 95-DUR-0830-S 95-FSR-0830-S	95-NYB-0830-S	95-CIT-0830-S	2-3/16"	
		Rubber on Iron Rubber on Iron-EHT Solid Urethane Urethane on Iron V-Groove Forged Steel V-Groove Iron	840 1260 1650 2500 6000 5000		95-UOR-0830-S 95-RIR-0830-S 95-RIR-0830-S-EHT	95-MUB-0830-S	95-UOT-0830-S 95-RIT-0830-S-EHT		2-3/16"
8"	4"	Cast Iron Forged Steel Forged Steel HD Urethane on Iron V-Groove Forged Steel V-Groove Forged Steel	4000 10000 20000 3500 10000 15000	10-1/2"	95-CIR-0840-S 95-FSR-0840-S		95-CIT-0840-S	2-3/16"	
		Cast Iron Durastan Forged Steel GT Nylatron HD Omega Rubber on Aluminum-EHT Rubber on Iron Rubber on Iron-EHT Solid Urethane Ultra Thick Urethane Urethane on Iron V-Groove Forged Steel V-Groove Iron	4000 2900 6000 3400 10000 2000 2000 1000 1500 2000 3400 3000 6000 5000		95-CIR-1030-S 95-DUR-1030-S 95-FSR-1030-S	95-GTB-1030-S 95-NYB-1030-S 95-UOB-1030-S 95-RAB-1030-S-EHT	95-CIT-1030-S 95-FST-1030-S		2-11/16"
10"	3"	Cast Iron Durastan Forged Steel GT Nylatron HD Omega Rubber on Aluminum-EHT Rubber on Iron Rubber on Iron-EHT Solid Urethane Ultra Thick Urethane Urethane on Iron V-Groove Forged Steel V-Groove Iron	4000 2900 6000 3400 10000 2000 2000 1000 1500 2000 3400 3000 6000 5000	12-1/2"	95-CIR-1030-S 95-DUR-1030-S 95-FSR-1030-S	95-GTB-1030-S 95-NYB-1030-S 95-UOB-1030-S 95-RAB-1030-S-EHT	95-CIT-1030-S 95-FST-1030-S	2-11/16"	
		Forged Steel Forged Steel HD Rubber on Iron Ultra Thick Urethane Urethane on Iron V-Groove Forged V-Groove Forged	10000 20000 1400 4500 4200 10000 15000		95-FSR-1040-S		95-FST-1040-S 95-RIT-1040-S 95-UTT-1040-S 95-UIT-1040-S		2-7/16"
10"	5"	Urethane on Iron	5000	12-1/2"	95-UIR-1050-S		95-FST-1040-S 95-RIT-1040-S 95-UTT-1040-S 95-UIT-1040-S	2-5/8"	
12"	3"	Cast Iron Durastan Nylatron HD Rubber on Aluminum-EHT Rubber on Iron Rubber on Iron-EHT Ultra Thick Urethane Urethane on Iron V-Groove Iron	5000 3500 10000 2280 1140 1710 4100 3400 6000	15-1/2"	95-CIR-1230-S 95-DUR-1230-S	95-NYB-1230-S 95-RAB-1230-S-EHT	95-CIT-1230-S		3-5/8"
		95-UIR-1050-S			95-UIT-1050-S		95-UIT-1050-S		
12"	4"	Durastan Rubber on Iron Ultra Thick Urethane Urethane on Iron	4000 1600 5300 4800	15-1/2"	95-DUR-1240-S 95-RIR-1240-S 95-UTR-1240-S 95-UIR-1240-S		95-RIT-1240-S 95-UTT-1240-S 95-UIT-1240-S	3-5/8"	30.0 40.0 40.0 44.0
		95-FST-1040-S 95-RIT-1040-S 95-UTT-1040-S 95-UIT-1040-S			95-FST-1040-S 95-RIT-1040-S 95-UTT-1040-S 95-UIT-1040-S		95-FST-1040-S 95-RIT-1040-S 95-UTT-1040-S 95-UIT-1040-S		
12"	5"	Rubber on Iron Ultra Thick Urethane Urethane on Iron	2050 6500 6000	15-1/2"	95-RIR-1250-S 95-UTR-1250-S 95-UIR-1250-S		95-RIT-1250-S 95-UTT-1250-S 95-UIT-1250-S	3-5/8"	44.0 49.0 48.0
		95-FST-1040-S 95-RIT-1040-S 95-UTT-1040-S 95-UIT-1040-S			95-FST-1040-S 95-RIT-1040-S 95-UTT-1040-S 95-UIT-1040-S		95-FST-1040-S 95-RIT-1040-S 95-UTT-1040-S 95-UIT-1040-S		
14"	3"	Ultra Thick Urethane	4800	18"	95-UTR-1430-S		95-UTT-1430-S	4-3/8"	39.0
14"	4"	Ultra Thick Urethane	6200	18"	95-UTR-1440-S		95-UTT-1440-S	4-3/8"	44.0
14"	5"	Ultra Thick Urethane	7600	18"	95-UTR-1450-S		95-UTT-1450-S	4-3/16"	52.0
16"	3"	Durastan Rubber on Iron Ultra Thick Urethane Urethane on Iron	4000 1420 5400 4600	19"	95-DUR-1630-S 95-RIR-1630-S 95-UTR-1630-S 95-UIR-1630-S		95-RIT-1630-S 95-UTT-1630-S 95-UIT-1630-S	4-3/8"	35.0 45.0 47.0 48.0
		95-FST-1040-S 95-RIT-1040-S 95-UTT-1040-S 95-UIT-1040-S			95-FST-1040-S 95-RIT-1040-S 95-UTT-1040-S 95-UIT-1040-S		95-FST-1040-S 95-RIT-1040-S 95-UTT-1040-S 95-UIT-1040-S		
16"	4"	Durastan Ultra Thick Urethane Urethane on Iron	8000 7100 6000	19"	95-DUR-1640-S 95-UTR-1640-S 95-UIR-1640-S		95-UTT-1640-S 95-UIT-1640-S	4-3/8"	37.0 52.0 54.0
		95-FST-1040-S 95-RIT-1040-S 95-UTT-1040-S 95-UIT-1040-S			95-FST-1040-S 95-RIT-1040-S 95-UTT-1040-S 95-UIT-1040-S		95-FST-1040-S 95-RIT-1040-S 95-UTT-1040-S 95-UIT-1040-S		
16"	5"	Ultra Thick Urethane Urethane on Iron	8800 8400	19"	95-UTR-1650-S 95-UIR-1650-S		95-UTT-1650-S 95-UIT-1650-S	4-3/16"	60.0 60.0
		95-FST-1040-S 95-RIT-1040-S 95-UTT-1040-S 95-UIT-1040-S			95-FST-1040-S 95-RIT-1040-S 95-UTT-1040-S 95-UIT-1040-S		95-FST-1040-S 95-RIT-1040-S 95-UTT-1040-S 95-UIT-1040-S		

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