

# 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.



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.

**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"

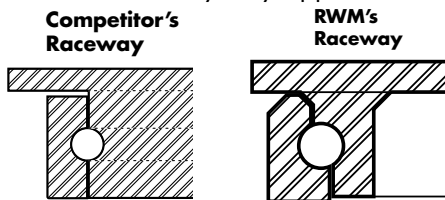
**Swivel Yoke Base:** SAE 1045 hot steel forging

**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, shock load applications and abusive conditions, production line dollies & trucks used in various industries including but not limited to: boat & ship molding and building, automotive, aerospace, metal fabricating, metal forging, heavy machinery & equipment, military equipment, mobile homes, etc. Tractor pulled trailers, extreme duty platform trucks & material handling carts, air cargo & ground support equipment, storage tanks, gantries & heavy duty processing equipment, coliseum & gymnasium equipment, shipping/receiving carts, warehousing & freight terminal dollies and carts, and countless other heavy duty applications.



## Options

- CWB** Cam Wheel Brake
- DSL** Demountable Swivel Lock\*
- HDSL** Heavy Duty Demountable Swivel Lock
- HT** High Temperature Lubrication
- LT** Low Temperature Lubrication
- NY** Notched Yoke
- PCWB** Poly Cam Wheel Brake
- 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 4" and 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
6"	3"	Cast Iron	3000	8-1/2"	95-CIR-0630-S		95-CIT-0630-S	1-3/4"	24.0
		Durastan	2000		95-DUR-0630-S				17.0
		Forged Steel	7000		95-FSR-0630-S		95-FST-0630-S		28.0
		Forged Steel HD	10,000		95-FSR-0630-S-HD		95-FST-0630-S-HD		28.0
		Nylatron HD	2600			95-NYB-0630-S			18.0
		Rubber on Iron-EHT	1020		95-RIR-0630-S-EHT		95-RIT-0630-S-EHT		20.0
		Solid Urethane	1650		95-SUR-0630-S	95-SUB-0630-S			17.0
		Urethane on Iron	2000		95-UIR-0630-S		95-UIT-0630-S		23.0
		V-Groove Forged Steel	7000		95-VFR-0630-S		95-VFT-0630-S		32.0
Rubber on Iron	680	95-RIR-0630-S			20.0				
8"	2-1/2"	Forged Steel	4500	10-1/2"	95-FSR-0825-S		95-FST-0825-S	2-3/16"	30.0
		GT	2400			95-GTB-0825-S			21.0
		Rubber on Iron-EHT	1005		95-RIR-0825-S-EHT		95-RIT-0825-S-EHT		23.0
8"	3"	V-Groove Iron	3000	10-1/2"	95-VIR-0825-S		95-VIT-0825-S	2-3/16"	27.0
		Rubber on Iron	670		95-RIR-0825-S				23.0
		Cast Iron	3000		95-CIR-0830-S		95-CIT-0830-S		28.0
		Durastan	2500		95-DUR-0830-S				21.0
		Forged Steel	5500		95-FSR-0830-S		95-FST-0830-S		32.0
		Nylatron HD	9000			95-NYB-0830-S			22.0
		Omega	1600		95-UOR-0830-S		95-UOT-0830-S		26.0
		Rubber on Iron-EHT	1260		95-RIR-0830-S-EHT		95-RIT-0830-S-EHT		23.0
		Solid Urethane	1650		95-SUR-0830-S	95-SUB-0830-S			21.0
		Urethane on Iron	2500		95-UIR-0830-S		95-UIT-0830-S		26.0
		V-Groove Forged Steel	6000		95-VFR-0830-S		95-VFT-0830-S		29.0
V-Groove Iron	5000	95-VIR-0830-S		95-VIT-0830-S	30.0				
Rubber on Iron	840	95-RIR-0830-S			23.0				
8"	4"	Cast Iron	4000	10-1/2"	95-CIR-0840-S		95-CIT-0840-S	2-3/16"	30.0
		Forged Steel	10000		95-FSR-0840-S				34.0
		Forged Steel HD	20000				95-FST-0840-S-HD		34.0
		Urethane on Iron	3500		95-UIR-0840-S		95-UIT-0840-S		28.0
		V-Groove Forged Steel	10000		95-VFR-0840-S				34.0
		V-Groove Forged Steel	15000				95-VFT-0840-S		34.0
10"	3"	Cast Iron	4000	12-1/2"	95-CIR-1030-S		95-CIT-1030-S	2-11/16"	38.0
		Durastan	2900		95-DUR-1030-S				25.0
		Forged Steel	6000		95-FSR-1030-S		95-FST-1030-S		39.0
		GT	3400			95-GTB-1030-S			25.0
		Nylatron HD	10000			95-NYB-1030-S			26.0
		Omega	2000		95-UOR-1030-S	95-UOB-1030-S	95-UOT-1030-S		32.0
		Rubber on Aluminum-EHT	1500		95-RIR-1030-S-EHT	95-RAB-1030-S-EHT	95-RAT-1030-S-EHT		26.0
		Rubber on Iron-EHT	1500				95-RIT-1030-S-EHT		28.0
		Solid Urethane	2000		95-SUR-1030-S	95-SUB-1030-S			25.0
		Ultra Thick Urethane	3400		95-UTR-1030-S		95-UTT-1030-S		32.0
		Urethane on Iron	3000		95-UIR-1030-S		95-UIT-1030-S		32.0
		V-Groove Forged Steel	6000		95-VFR-1030-S		95-VFT-1030-S		39.0
		V-Groove Iron	5000		95-VIR-1030-S		95-VIT-1030-S		44.0
		Rubber on Iron	1000		95-RIR-1030-S		95-RIT-1030-S		28.0
10"	4"	Forged Steel	10000	12-1/2"	95-FSR-1040-S			2-7/16"	41.0
		Forged Steel HD	20000				95-FST-1040-S-HD		41.0
		Rubber on Iron	1400		95-RIR-1040-S		95-RIT-1040-S		34.0
		Ultra Thick Urethane	4500		95-UTR-1040-S		95-UTT-1040-S		36.0
		Urethane on Iron	4200		95-UIR-1040-S		95-UIT-1040-S		63.0
		V-Groove Forged	10000		95-VFR-1040-S				41.0
V-Groove Forged	15000			95-VFT-1040-S	41.0				
10"	5"	Urethane on Iron	5000	12-1/2"	95-UIR-1050-S		95-UIT-1050-S	2-5/8"	32.0
12"	3"	Cast Iron	5000	15-1/2"	95-CIR-1230-S		95-CIT-1230-S	3-5/8"	41.0
		Durastan	3500		95-DUR-1230-S				29.0
		Rubber on Aluminum-EHT	1710			95-RAB-1230-S-EHT	95-RAT-1230-S-EHT		35.0
		Rubber on Iron-EHT	1710		95-RIR-1230-S-EHT		95-RIT-1230-S-EHT		38.0
		Ultra Thick Urethane	4100		95-UTR-1230-S		95-UTT-1230-S		35.0
		Urethane on Iron	3400		95-UIR-1230-S		95-UIT-1230-S		42.0
		V-Groove Iron	6000		95-VIR-1230-S		95-VIT-1230-S		43.0
Rubber on Iron	1140	95-RIR-1230-S		95-RIT-1230-S	38.0				
12"	4"	Durastan	4000	15-1/2"	95-DUR-1240-S			3-5/8"	30.0
		Rubber on Iron	1600		95-RIR-1240-S		95-RIT-1240-S		40.0
		Ultra Thick Urethane	5300		95-UTR-1240-S		95-UTT-1240-S		40.0
		Urethane on Iron	4800		95-UIR-1240-S		95-UIT-1240-S		44.0
12"	5"	Rubber on Iron	2050	15-1/2"	95-RIR-1250-S		95-RIT-1250-S	3-5/8"	44.0
		Ultra Thick Urethane	6500		95-UTR-1250-S		95-UTT-1250-S		49.0
		Urethane on Iron	6000		95-UIR-1250-S		95-UIT-1250-S		48.0
14"	3"	Ultra Thick Urethane	4800	18"	95-UTR-1430-S		95-UTT-1430-S	4-3/8"	39.0
		Ultra Thick Urethane	6200		95-UTR-1440-S		95-UTT-1440-S		44.0
		Ultra Thick Urethane	7600		95-UTR-1450-S		95-UTT-1450-S		52.0
16"	3"	Durastan	4000	19"	95-DUR-1630-S			4-3/8"	35.0
		Rubber on Iron	1420		95-RIR-1630-S		95-RIT-1630-S		45.0
		Ultra Thick Urethane	5400		95-UTR-1630-S		95-UTT-1630-S		47.0
		Urethane on Iron	4600		95-UIR-1630-S		95-UIT-1630-S		48.0
16"	4"	Durastan	8000	19"	95-DUR-1640-S			4-3/8"	37.0
		Ultra Thick Urethane	7100		95-UTR-1640-S		95-UTT-1640-S		52.0
		Urethane on Iron	6000		95-UIR-1640-S		95-UIT-1640-S		54.0
16"	5"	Ultra Thick Urethane	8800	19"	95-UTR-1650-S		95-UTT-1650-S	4-3/16"	60.0
		Urethane on Iron	8400		95-UIR-1650-S		95-UIT-1650-S		60.0

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