

RWM's Textile Industry Casters are designed to reduce the amount of thread buildup and reduce the time required to service casters used in this demanding application.



RK-GTB-0615-S

## Features

**Swivel Section:** Cold formed top plate, yoke and button are all heat treated to prevent brinelling, improve swivel action and increase service life. Load and thrust bearings are hardened and ground and rotate on hardened raceways. Top plate is 1/4" steel. Specially designed legs are forged for increased strength, ease of cleaning debris and continuously welded to yoke. All swivel sections are equipped with a lubrication fitting for field maintenance. RWM lubricates all swivel sections prior to shipment.

**Kingpin:** 5/8" diameter rivet hydraulically compressed to increase strength of swivel section on 1-1/2" wide wheels as compared to staking, 3/4" diameter rivet on 2" wide wheels

**Axle:** 1/2" diameter bolt on 1-1/2" wide wheels. 5/8" diameter bolt on 2" wide wheels.

**Finish:** Zinc plated to protect against corrosion.

**Wheels:** Wheels are available with either straight roller bearings which rotate on a hardened and ground spanner or ball bearing for ease of rollability.

**Thread Guard:** Precision fitting full wheel thread guards to reduce string build-up around the wheel.

## Options

- HT** High Temperature Lubrication
- KB** Nut and Bolt Kingpin
- LT** Low Temperature Lubrication
- SL** Swivel Lock
- SR** Sealed Swivel Raceway



## Applications

RWM's Textile Industry Casters are used in all applications where minimizing thread deposits wrapping around axles is beneficial.



### OPTIONAL MOUNTING PLATES

Optional Top Plate Number	Mounting Plate	Bolt Hole Spacing	Bolt Size
<b>FOR 1-1/2" WIDE WHEELS</b>			
41ST 41RT	4" x 5"	2-5/8" x 3-5/8" slotted to 3" x 4"	3/8"
42ST 42RT	4-1/2" x 6-1/2"	2-7/16" x 4-15/16" slotted to 3-3/8" x 5-1/4"	1/2"
43ST 43RT	5" x 5-1/2"	4-1/8" x 4-1/2"	3/8"
<b>FOR 2" WIDE WHEELS</b>			
43ST 43RT	5" x 5-1/2"	4-1/8" x 4-1/2"	3/8"

## SPECIFICATIONS

Wheel Diameter	Wheel Width	Wheel Type	lbs. Capacity	Overall Height	Swivel Caster Model Number			Swivel Lead	Approx Weight
					Straight Roller Bearing	Bearing	Ball		
4"	1-1/2"	Cast Iron	350	5-1/4"	RK-CIR-0415-S-TG	RK-CIB-0415-S-TG	RK-CIC-0415-S-TG	1-3/4"	4.5
		Durastan	350		RK-DUR-0415-S-TG	RK-DUB-0415-S-TG	RK-DUC-0415-S-TG		4.5
		GT	350			RK-GTB-0415-S-TG			4.5
		Performance TPR	325		RK-RPR-0415-S-TG	RK-RPB-0415-S-TG	RK-RPC-0415-S-TG		5.0
		Urethane on Aluminum	350		RK-UAR-0415-S-TG		RK-UAC-0415-S-TG		4.5
		Urethane on Iron	350		RK-UIR-0415-S-TG	RK-UIB-0415-S-TG	RK-UIC-0415-S-TG		4.6
		Urethane Polypropylene	350		RK-UPR-0415-S-TG	RK-UPB-0415-S-TG	RK-UPC-0415-S-TG		5.3
5"	1-1/2"	Cast Iron	400	6-1/4"	RK-CIR-0515-S-TG	RK-CIB-0515-S-TG	RK-CIC-0515-S-TG	1-7/8"	7.5
		Durastan	400		RK-DUR-0515-S-TG	RK-DUB-0515-S-TG	RK-DUC-0515-S-TG		5.3
		GT	400			RK-GTB-0515-S-TG			5.3
		Performance TPR	350		RK-RPR-0515-S-TG	RK-RPB-0515-S-TG	RK-RPC-0515-S-TG		5.3
		Urethane on Aluminum	400		RK-UAR-0515-S-TG		RK-UAC-0515-S-TG		5.5
		Urethane on Iron	400		RK-UIR-0515-S-TG	RK-UIB-0515-S-TG	RK-UIC-0515-S-TG		5.0
		Urethane Polypropylene	400		RK-UPR-0515-S-TG	RK-UPB-0515-S-TG	RK-UPC-0515-S-TG		5.3
5"	2"	Cast Iron	900	6-1/2"	RK-CIR-0520-S-TG	RK-CIB-0520-S-TG	RK-CIC-0520-S-TG	2-1/16"	9.8
		Durastan	900		RK-DUR-0520-S-TG		RK-DUC-0520-S-TG		7.0
		GT	900			RK-GTB-0520-S-TG			7.0
		High Temp. Nylon	900		RK-HNR-0520-S-TG	RK-HNB-0520-S-TG			7.0
		Performance TPR	375		RK-RPR-0520-S-TG	RK-RPB-0520-S-TG	RK-RPC-0520-S-TG		5.7
		Rubber on Aluminum-EHT	600			RK-RAB-0520-S-TG-EHT			9.4
		Solid Urethane	900		RK-SUR-0520-S-TG	RK-SUB-0520-S-TG	RK-SUC-0520-S-TG		7.0
		Urethane on Aluminum	900		RK-UAR-0520-S-TG		RK-UAC-0520-S-TG		9.8
		Urethane on Iron	900		RK-UIR-0520-S-TG		RK-UIC-0520-S-TG		10.5
		Urethane Polypropylene	750		RK-UPR-0520-S-TG	RK-UPB-0520-S-TG	RK-UPC-0520-S-TG		5.7
6"	1-1/2"	Cast Iron	450	7-1/4"	RK-CIR-0615-S-TG		RK-CIC-0615-S-TG	2"	8.8
		Durastan	450		RK-DUR-0615-S-TG	RK-DUB-0615-S-TG	RK-DUC-0615-S-TG		6.0
		GT	450			RK-GTB-0615-S-TG			6.0
		Performance TPR	450		RK-RPR-0615-S-TG	RK-RPB-0615-S-TG	RK-RPC-0615-S-TG		5.7
		Urethane on Iron	450		RK-UIR-0615-S-TG	RK-UIB-0615-S-TG	RK-UIC-0615-S-TG		5.7
		Urethane Polypropylene	450		RK-UPR-0615-S-TG	RK-UPB-0615-S-TG	RK-UPC-0615-S-TG		5.7
		6"	2"		Cast Iron	900	7-1/2"		RK-CIR-0620-S-TG
Durastan	900			RK-DUR-0620-S-TG	RK-DUB-0620-S-TG	RK-DUC-0620-S-TG		8.0	
GT	900				RK-GTB-0620-S-TG			8.0	
High Temp. Nylon	900			RK-HNR-0620-S-TG	RK-HNB-0620-S-TG			8.0	
Performance TPR	525			RK-RPR-0620-S-TG	RK-RPB-0620-S-TG	RK-RPC-0620-S-TG		7.3	
Omega	900			RK-UOR-0620-S-TG	RK-UOB-0620-S-TG	RK-UOC-0620-S-TG		10.4	
Rubber on Aluminum-EHT	615				RK-RAB-0620-S-TG-EHT			8.5	
Solid Urethane	900			RK-SUR-0620-S-TG	RK-SUB-0620-S-TG	RK-SUC-0620-S-TG		8.0	
Urethane on Aluminum	900			RK-UAR-0620-S-TG		RK-UAC-0620-S-TG		8.5	
Urethane on Iron	900			RK-UIR-0620-S-TG	RK-UIB-0620-S-TG	RK-UIC-0620-S-TG		10.5	
Urethane Polypropylene	900			RK-UPR-0620-S-TG	RK-UPB-0620-S-TG	RK-UPC-0620-S-TG		7.3	

To order a rigid caster, change the "S" to "R" in the model number. For example: "RK-GTB-0415-R". To order a rig only, omit the blue letters. For example: "RK-0415-R". Dimensions shown are nominal. If precise dimensions are required, consult your RWM representative. For approximate weight of our rigid caster, deduct .9 pounds.

### STANDARD MOUNTING PLATES

Wheel Size	Mounting Plate	Bolt Hole Spacing	Bolt Size
4" x 1-1/2" 5" x 1-1/2" 6" x 1-1/2"	4" x 4-1/2"	2-5/8" x 3-5/8" slotted to 3" x 3"	3/8"
5" x 2" 6" x 2" 8" x 2"	5" x 5-1/2"	4-1/8" x 4-1/2"	3/8"

UP TO 900 POUND CAPACITY