

WT Series Casters

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



WT-GTB-0515-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 and legs are 1/4" steel. Legs are formed for increased strength 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 drilled axle with lubrication fitting provided on all casters to improve ease of lubrication.

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.

Spacers: Oversized spacers provide protection from string build-up and reduce cleaning time by 80%.

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

Options

- KB** Nut and Bolt Kingpin
- SL** Swivel Lock
- SR** Sealed Swivel Raceway

Applications

RWM's WT Series are used in all applications where minimizing thread deposits wrapping around axles is beneficial.



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"	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"

OPTIONAL MOUNTING PLATES

Optional Top Plate Number	Mounting Plate	Bolt Hole Spacing	Bolt Size
FOR 1-1/2" WIDE WHEELS			
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"
FOR 2" WIDE WHEELS			
43ST 43RT	5" x 5-1/2"	4-1/8" x 4-1/2"	3/8"

UP TO 1,400 POUND CAPACITY

SPECIFICATIONS

Wheel Diameter	Wheel Width	Wheel Type	lbs. Capacity	Overall Height	Straight Roller Bearing	Ball Bearing	Swivel Lead	lbs. Approx Weight
4"	1-1/2"	Cast Iron	500	5-5/8"	WT-CIR-0415-S		1-1/2"	6.1
		Durastan	600		WT-DUR-0415-S			4.4
		GT	900			WT-GTB-0415-S		4.4
		Polyolefin	375		WT-POR-0415-S	WT-POB-0415-S		4.1
		Performance TPR	325		WT-RPR-0415-S			5.3
		Urethane on Aluminum	600		WT-UAR-0415-S			5.0
		Urethane Polypropylene	500		WT-UPR-0415-S	WT-UPB-0415-S		5.3
		Urethane Solid	300		WT-USR-0415-S	WT-USB-0415-S		6.0
5"	1-1/2"	Cast Iron	600	6-1/8"	WT-CIR-0515-S		1-1/2"	6.9
		Durastan	650		WT-DUR-0515-S			4.9
		GT	1000			WT-GTB-0515-S		4.9
		Polyolefin	440		WT-POR-0515-S	WT-POB-0515-S		4.4
		Performance TPR	350		WT-RPR-0515-S	WT-RPB-0515-S		5.3
		Urethane on Aluminum	720		WT-UAR-0515-S			5.0
		Urethane Polypropylene	700		WT-UPR-0515-S	WT-UPB-0515-S		5.3
		Urethane Solid	330		WT-USR-0515-S	WT-USB-0515-S		6.0
5"	2"	Cast Iron	1000	6-15/16"	WT-CIR-0520-S		1-13/16"	10.2
		Durastan	1000		WT-DUR-0520-S			6.5
		GT	1200			WT-GTB-0520-S		6.5
		High Temp. Nylon	1000		WT-HNR-0520-S	WT-HNB-0520-S		6.9
		Polyolefin	650		WT-POR-0520-S	WT-POB-0520-S		5.9
		Performance TPR	375		WT-RPR-0520-S	WT-RPB-0520-S		5.7
		Rubber on Aluminum-EHT	800			WT-RAB-0520-S-EHT		8.9
		Solid Urethane	1000		WT-MUR-0520-S	WT-MUB-0520-S		6.8
		Urethane on Aluminum	1050		WT-UAR-0520-S			6.6
		Urethane on Iron	1050		WT-UIR-0520-S			9.2
		Urethane Polypropylene	750		WT-UPR-0520-S	WT-UPB-0520-S		5.7
6"	1-1/2"	Cast Iron	600	7-5/16"	WT-CIR-0615-S		1-13/16"	8.1
		Durastan	800		WT-DUR-0615-S			5.4
		GT	1200			WT-GTB-0615-S		5.8
		Performance TPR	475		WT-RPR-0615-S	WT-RPB-0615-S		5.8
		Urethane Polypropylene	800		WT-UPR-0615-S	WT-UPB-0615-S		5.7
6"	2"	Cast Iron	1200	7-7/16"	WT-CIR-0620-S	WT-CIB-0620-S	1-13/16"	11.1
		Durastan	1200		WT-DUR-0620-S	WT-DUB-0620-S		7.6
		GT	1400			WT-GTB-0620-S		7.6
		High Temp. Nylon	1200		WT-HNR-0620-S	WT-HNB-0620-S		8.1
		Omega	1000		WT-UOR-0620-S	WT-UOB-0620-S		10.4
		Polyolefin	700		WT-POR-0620-S	WT-POB-0620-S		6.3
		Performance TPR	525		WT-RPR-0620-S	WT-RPB-0620-S		7.3
		Rubber on Aluminum-EHT	820			WT-RAB-0620-S-EHT		9.4
		Solid Urethane	1200		WT-MUR-0620-S	WT-MUB-0620-S		12.0
		Urethane on Aluminum	1230		WT-UAR-0620-S			7.4
		Urethane on Iron	1230		WT-UIR-0620-S	WT-UIB-0620-S		10.5
		Urethane Polypropylene	900		WT-UPR-0620-S	WT-UPB-0620-S		7.3
		8"	2"		Cast Iron	1400		9-3/4"
Durastan	1200			WT-DUR-0820-S	WT-DUB-0820-S	9.3		
GT	1400				WT-GTB-0820-S	9.1		
Omega	1200			WT-UOR-0820-S	WT-UOB-0820-S	14.0		
Polyolefin	800			WT-POR-0820-S	WT-POB-0820-S	7.6		
Performance TPR	600			WT-RPR-0820-S	WT-RPB-0820-S	7.1		
Rubber on Aluminum-EHT	1000				WT-RAB-0820-S-EHT	12.2		
Solid Urethane	1400			WT-MUR-0820-S	WT-MUB-0820-S	7.3		
Urethane on Aluminum	1400			WT-UAR-0820-S		9.1		
Urethane on Iron	1400			WT-UIR-0820-S	WT-UIB-0820-S	9.3		
Urethane Polypropylene	1000			WT-UPR-0820-S	WT-UPB-0820-S	7.1		

To order a rigid caster, change the "S" to "R" in the model number. For example: "WT-CIR-0415-R". To order rig only, omit the blue letters. For example: "WT-0415-S". Dimensions shown are nominal. If precise dimensions are required, consult your RWM representative. For approximate weight of our rigid casters, deduct 0.9 pounds per item.

UP TO 1,400 POUND CAPACITY