

46 Series Casters

Medium Heavy Duty Casters



46-UIR-0620-S

The 46 Series Casters are designed for medium heavy duty applications. Typical applications include: dollies, shop carts, scrap bins and warehouse trucks.

FEATURES	
Swivel Section	Cold forged 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 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. Notched yokes are standard.
Kingpin	5/8" diameter rivet hydraulically compressed to increase strength of swivel section as compared to staking
Axle	1/2" diameter drilled axle with lubrication fitting provided on all casters to improve ease of lubrication
Finish	Zinc plated to protect from corrosion
Wheels	A wide variety of 3-1/4" through 8" diameters available with either roller, ball bearing, celcon or plain bearings.
Mounting Plate Size	4" x 4-1/2" x 1/4" Bolt Hole Spacing 2-5/8" x 3-5/8", slotted to 3" x 3" Mounting Bolt Diameter 3/8"

OPTIONS	
DSL	Demountable Swivel Lock
HT	High Temperature Lubrication
ICWB	Installable Face Contact Brake
LT	Low Temperature Lubrication
KB	Nut and Bolt Kingpin
SL	Swivel Lock
SR	Sealed Swivel Raceway
TG	Thread Guards
WB	Field Installable Side Wheel Brake on 4" & larger
WS	Wheel Seals
WWB	Wrap Around Brake Roller Bearing Only
FOSL	Foot Operated Swivel Lock

To order a rigid caster, change the "S" to "R" in the model number. For example: "46-DUR-3220-R". To order a rig only, omit the blue letters. For example: "46-3220-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.



Available NSF Products:
All casters except those with cast iron, softerubber, rubber on iron, rubber on aluminum, Omega, forged steel, urethane on aluminum, urethane on iron or V-groove wheels. The following options are also not available: DSL, HT, LT, KB, SL, SR, WS, TG. Add "-N" to the end of the model number to specify an NSF approved caster. For example: 46-DUR-0620-S-N.

SPECIFICATIONS										
Wheel Diameter	Wheel Width	Wheel Type	lbs. Capacity	Overall Height	Swivel Caster Model Number			Swivel Lead	Approx Weight	
					Straight Roller Bearing	Ball Bearing	Plain, Oilite, Celcon Bearing			
3-1/4"	2"	Durastan Urethane on Iron	400	5-1/4"	46-DUR-3220-S	46-UIB-3220-S	46-DUC-3220-S	1-7/16"	6.7	
		Forged Steel	450		46-UIC-3220-S		5.0			
4"	1-1/2"	Forged Steel	1200	5-5/8"	46-FSR-0415-S	46-CIB-0420-S	46-FSC-0415-S	1-3/8"	7.0	
		Cast Iron	800		46-CIR-0420-S		6.5			
		Durastan	800		46-DUR-0420-S		5.2			
		GT	1050				46-GTB-0420-S		5.2	
		High Temp Nylon	800		46-HNR-0420-S		5.2			
		Performance TPR	350		46-RPR-0420-S		5.3			
	2"	2"	Polyolefin	500	5-5/8"	46-POR-0420-S	46-POB-0420-S	46-POP-0420-S	1-3/8"	4.8
			Rubber on Aluminum	525		46-RAR-0420-S		7.4		
			Rubber on Iron	350		46-RIR-0420-S		7.5		
			Solid Urethane	500		46-SUR-0420-S		5.2		
			Urethane on Aluminum	700		46-UAR-0420-S		5.0		
			Urethane on Iron	700		46-UIR-0420-S		6.6		
5"	2"	Urethane on Plastic	600	6-1/2"	46-UPR-0420-S	46-UPB-0420-S	46-UPC-0420-S	1-11/16"	5.3	
		V-Groove Iron	800		46-VIR-0420-S		7.6			
		Signature Wheel	400		46-SWR-0420-S		5.5			
		Pinnacle Wheel	800		46-PNR-0420-S		5.2			
		Cast Iron	1000		46-CIR-0520-S		7.8			
		Durastan	1000		46-DUR-0520-S		5.4			
	2"	2"	GT	1200	6-1/2"		46-GTB-0520-S	46-DUC-0520-S	1-11/16"	5.4
			Forged Steel	1200		46-FSC-0520-S		8.1		
			High Temp Nylon	1000		46-HNR-0520-S		5.4		
			Performance TPR	375		46-RPR-0520-S		5.3		
			Polyolefin	650		46-POR-0520-S		4.6		
			Rubber on Aluminum	600		46-RAR-0520-S		7.5		
6"	2"	Rubber on Iron	400	7-1/2"	46-RIR-0520-S	46-SUB-0520-S	46-RIC-0520-S	1-3/4"	7.6	
		Solid Urethane	900		46-SUR-0520-S		5.4			
		Urethane on Aluminum	1050		46-UAR-0520-S		5.5			
		Urethane on Iron	1050		46-UIR-0520-S		7.7			
		Urethane on Plastic	750		46-UPR-0520-S		5.3			
		V-Groove Iron	800		46-VIR-0520-S		9.9			
	2"	2"	Signature Wheel	500	7-1/2"	46-SWR-0520-S	46-SWB-0520-S	46-UPC-0520-S	1-3/4"	5.7
			Pinnacle Wheel	1000		46-PNR-0520-S		5.6		
			Cast Iron	1200		46-CIR-0620-S		9.1		
			Durastan	1200		46-DUR-0620-S		6.3		
			GT	1200		46-GTB-0620-S		6.3		
			Forged Steel	1200		46-FSC-0620-S		10.0		
8"	2"	High Temp Nylon	1200	9-1/2"	46-HNR-0620-S	46-UOB-0620-S	46-RPC-0620-S	2-1/4"	6.3	
		Omega	1000		46-UOR-0620-S		8.8			
		Performance TPR	525		46-RPR-0620-S		5.7			
		Polyolefin	700		46-POR-0620-S		5.0			
		Rubber on Aluminum	615		46-RAR-0620-S		7.8			
		Rubber on Iron	410		46-RIR-0620-S		7.8			
	2"	2"	Solid Urethane	900	9-1/2"	46-SUR-0620-S	46-SUB-0620-S	46-SUC-0620-S	2-1/4"	6.3
			Urethane on Aluminum	1200		46-UAR-0620-S		6.1		
			Urethane on Iron	1200		46-UIR-0620-S		8.8		
			Urethane on Plastic	900		46-UPR-0620-S		5.7		
			V-Groove Iron	1000		46-VIR-0620-S		10.9		
			Signature Wheel	600		46-SWR-0620-S		6.4		
8"	2"	Pinnacle Wheel	1200	9-1/2"	46-PNR-0620-S	46-SWB-0620-S	46-UPC-0620-S	2-1/4"	6.2	
		Torus Wheel	1200		46-TOR-0620-S		6.1			
		Cast Iron	1200		46-CIR-0820-S		13.3			
		Durastan	1200		46-DUR-0820-S		7.7			
		GT	1200		46-GTB-0820-S		7.7			
		Omega	1200		46-UOR-0820-S		12.1			
	2"	2"	Performance TPR	600	9-1/2"	46-RPR-0820-S	46-RPB-0820-S	46-RPC-0820-S	2-1/4"	7.1
			Polyolefin	800		46-POR-0820-S		5.8		
			Rubber on Aluminum	750		46-RAR-0820-S		10.1		
			Rubber on Iron	500		46-RIR-0820-S		10.1		
			Solid Urethane	1050		46-SUR-0820-S		7.7		
			Urethane on Aluminum	1200		46-UAR-0820-S		7.3		
2"	2"	Urethane on Iron	1200	9-1/2"	46-UIR-0820-S	46-UIB-0820-S	46-UIC-0820-S	2-1/4"	12.1	
		Urethane on Plastic	1000		46-UPR-0820-S		7.7			
		V-Groove Iron	1050		46-VIR-0820-S		15.3			
		Signature Wheel	700		46-SWR-0820-S		7.1			
		Pinnacle Wheel	1200		46-PNR-0820-S		6.9			
		Torus Wheel	1200		46-TOR-0820-S		7.3			

OPTIONAL MOUNTING PLATES			
Optional Top Plate Number	Mounting Plate	Bolt Hole Spacing	Bolt Size
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"

OPTIONAL OVERALL HEIGHTS	
Wheel Diameter	Overall Height
4"	5-1/8"
5"	6-3/8"
6"	7-1/4"
6"	7-3/8"
6"	7-3/4"
8"	9-1/4"
8"	9-3/4"

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47 Series Casters

UP TO 1,200 POUND CAPACITY