

PLASTIGLIDE
By
SERVICE
CASTER CORP



Friction Ring Stem Casters

FEATURES

- Double Ball Bearing Raceway Construction
- Riveted Axle Assembly

FINISHES*

- **Nickel Plate** – Standard on 2" & 2½" casters
- **Zinc Plate** – Standard on 3" casters

**Minimum order quantities may apply for non-standard finishes. Please inquire for additional finishes.*



HORNS



Unhooded –

Available on 2", 2½" & 3" casters



Hooded* –

Available on 2" & 2½" casters (zinc plated)

**Minimum order quantities may apply on hooded casters. Inquire for part numbers and pricing.*



Friction Ring Stem

Friction Ring Stems are a popular means of attachment where casters are mounted to vertical tubular legs. Casters can be applied with or without the use of sockets. In many cases, friction ring stems fit directly into drilled or cast holes.

BRAKE OPTIONS



Friction Brake –

Available on 2", 2½" & 3" casters



Tread Brake* –

Available on 3" casters

**Minimum order quantities may apply on brake casters. Please inquire.*

TYPICAL APPLICATIONS

- Store Fixtures & Display Stands
- Laundry Carts
- Medical Equipment Stands
- Book Carts
- Bed Frames
- Office Equipment
- School Furniture
- Automotive Creepers
- Mop Buckets

75 - 125lbs.

2", 2 1/2", 3"
Wheel Diameters

				Load Capacity	Wheel Type	Caster Part Number	STD	Caster with Brake Part Number	STD		Swivel Radius	Offset
2"	15/16"	7/16"	1" "DC"	75 lbs.	Soft Rubber	39000-20DC-1300	*	34000-20DC-1300	*	2-1/2"	2-3/8" w/brake	13/16"
					Conductive	39041-20DC-1300	*	34041-20DC-1300	*			
				90 lbs.	Hard Rubber	39010-20DC-1300	*	34010-20DC-1300	*			
					Polyolefin	39020-20DC-1300	*	34020-20DC-1300	*			
			1-3/8" "DD"	75 lbs.	Soft Rubber	39000-20DD-1300	*	34000-20DD-1300	*		1-13/16" w/o brake	
					Conductive	39041-20DD-1300	*	34041-20DD-1300	*			
				90 lbs.	Hard Rubber	39010-20DD-1300	*	34010-20DD-1300	*			
					Polyolefin	39020-20DD-1300	*	34020-20DD-1300	*			
			1-7/8" "DF"	75 lbs.	Soft Rubber	39000-20DF-1300	*	34000-20DF-1300	*			
					Conductive	39041-20DF-1300	*	34041-20DF-1300	*			
				90 lbs.	Hard Rubber	39010-20DF-1300	*	34010-20DF-1300	*			
					Polyolefin	39020-20DF-1300	*	34020-20DF-1300	*			
2-1/2"	15/16"	7/16"	1" "DC"	90 lbs.	Soft Rubber	39000-25DC-1300	*	34000-25DC-1300	*	3-1/16"	2-3/8" w/brake	13/16"
					Conductive	39041-25DC-1300	*	34041-25DC-1300	*			
				100 lbs.	Hard Rubber	39010-25DC-1300	*	34010-25DC-1300	*			
					Polyolefin	39020-25DC-1300	*	34020-25DC-1300	*			
			1-3/8" "DD"	90 lbs.	Soft Rubber	39000-25DD-1300	*	34000-25DD-1300	*		2-1/16" w/o brake	
					Conductive	39041-25DD-1300	*	34041-25DD-1300	*			
				100 lbs.	Hard Rubber	39010-25DD-1300	*	34010-25DD-1300	*			
					Polyolefin	39020-25DD-1300	*	34020-25DD-1300	*			
3"	15/16"	7/16"	1" "DC"	100 lbs.	Soft Rubber	99000-30DC-23SD	*	94000-30DC-23SD	*	3-9/16"	2-1/2"	1"
					Conductive	99041-30DC-23SD	*	94041-30DC-23SD	*			
				125 lbs.	Hard Rubber	99010-30DC-23SD	*	94010-30DC-23SD	*			
					Polyolefin	99020-30DC-23SD	*	94020-30DC-23SD	*			
			1-3/8" "DD"	100 lbs.	Soft Rubber	99000-30DD-23SD	*	94000-30DD-23SD	*			
					Conductive	99041-30DD-23SD	*	94041-30DD-23SD	*			
				125 lbs.	Hard Rubber	99010-30DD-23SD	*	94010-30DD-23SD	*			
					Polyolefin	99020-30DD-23SD	*	94020-30DD-23SD	*			
			1-7/8" "DF"	100 lbs.	Soft Rubber	99000-30DF-23SD	*	94000-30DF-23SD	*			
					Conductive	99041-30DF-23SD	*	94041-30DF-23SD	*			
				125 lbs.	Hard Rubber	99010-30DF-23SD	*	94010-30DF-23SD	*			
					Polyolefin	99020-30DF-23SD	*	94020-30DF-23SD	*			

* Please inquire for additional caster variations.

Wheel Options



SOFT RUBBER

2", 2 1/2", 3"



HARD RUBBER

2", 2 1/2", 3"



POLYOLEFIN

2", 2 1/2", 3"



CONDUCTIVE

2", 2 1/2", 3"



COMOLDED URETHANE*

2", 2 1/2", 3"

*Minimuims apply

See page 24 for Wheel features and Characteristics

Threaded Stem Casters

FEATURES

- Double Ball Bearing Raceway Construction
- Riveted Axle Assembly
- Nickel Plate Finish standard on 2" & 2 1/2" casters
- Zinc Plate Finish standard on 3" casters
- Friction Brakes available on all sizes
- Hooded Casters available in 2" & 2 1/2" sizes* (zinc plated)

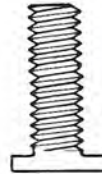
*Minimum order quantities may apply



WHEEL OPTIONS

- Soft Rubber 2", 2 1/2" & 3"
- Hard Rubber 2", 2 1/2" & 3"
- Polyolefin 2", 2 1/2" & 3"
- Conductive 2", 2 1/2" & 3"
- Polyurethane co-molded* 2", 2 1/2" & 3"

*Minimum order quantities may apply



Threaded Stem

Threaded stems are used for direct attachment. These should always be securely fastened with a nut and not used for leveling. If a different height is required, a spacer should be inserted between the caster and the mounting area.

				Load Capacity	Wheel Type	Caster Part Number	STD	Caster with Brake Part Number	STD		Swivel Radius	Offset	
2"	15/16"	5/16"-18	1/2" "BA"	75 lbs.	Soft Rubber	39000-20BA-1318	*	34000-20BA-1318	*		2-3/8" w/brake	13/16"	
					Conductive	39041-20BA-1318	34041-20BA-1318						
				90 lbs.	Hard Rubber	39010-20BA-1318		34010-20BA-1318					
					Polyolefin	39020-20BA-1318		34020-20BA-1318					
			1" "BC"	75 lbs.	Soft Rubber	39000-20BC-1318	*	34000-20BC-1318					
					Conductive	39041-20BC-1318	*	34041-20BC-1318					
				90 lbs.	Hard Rubber	39010-20BC-1318	*	34010-20BC-1318					
					Polyolefin	39020-20BC-1318		34020-20BC-1318					
			1-1/2" "BE"	75 lbs.	Soft Rubber	39000-20BE-1318	*	34000-20BE-1318					
					Conductive	39041-20BE-1318	*	34041-20BE-1318					
				90 lbs.	Hard Rubber	39010-20BE-1318	*	34010-20BE-1318					
					Polyolefin	39020-20BE-1318		34020-20BE-1318					
		3/8"-16	1/2" "CA"	75 lbs.	Soft Rubber	39000-20CA-1316	*	34000-20CA-1316	*		2-1/2"		1-13/16" w/o brake
					Conductive	39041-20CA-1316		34041-20CA-1316					
				90 lbs.	Hard Rubber	39010-20CA-1316		34010-20CA-1316					
					Polyolefin	39020-20CA-1316		34020-20CA-1316					
			1" "CC"	75 lbs.	Soft Rubber	39000-20CC-1316	*	34000-20CC-1316					
					Conductive	39041-20CC-1316	*	34041-20CC-1316					
				90 lbs.	Hard Rubber	39010-20CC-1316	*	34010-20CC-1316					
					Polyolefin	39020-20CC-1316		34020-20CC-1316					
			1-1/2" "CE"	75 lbs.	Soft Rubber	39000-20CE-1316	*	34000-20CE-1316					
					Conductive	39041-20CE-1316	*	34041-20CE-1316					
				90 lbs.	Hard Rubber	39010-20CE-1316	*	34010-20CE-1316					
					Polyolefin	39020-20CE-1316	*	34020-20CE-1316					

				Load Capacity	Wheel Type	Caster Part Number	STD	Caster with Brake Part Number	STD		Swivel Radius	Offset
2-1/2"	15/16"	5/16"-18	1/2" "BA"	90 lbs.	Soft Rubber	39000-25BA-1318	*	34000-25BA-1318		3"	2-3/8" w/brake	13/16"
					Conductive	39041-25BA-1318		34041-25BA-1318				
				100 lbs.	Hard Rubber	39010-25BA-1318		34010-25BA-1318	*			
					Polyolefin	39020-25BA-1318		34020-25BA-1318				
			1" "BC"	90 lbs.	Soft Rubber	39000-25BC-1318	*	34000-25BC-1318	*			
					Conductive	39041-25BC-1318		34041-25BC-1318				
				100 lbs.	Hard Rubber	39010-25BC-1318	*	34010-25BC-1318				
					Polyolefin	39020-25BC-1318		34020-25BC-1318				
			1-1/2" "BE"	90 lbs.	Soft Rubber	39000-25BE-1318		34000-25BE-1318	*			
					Conductive	39041-25BE-1318		34041-25BE-1318				
				100 lbs.	Hard Rubber	39010-25BE-1318		34010-25BE-1318				
					Polyolefin	39020-25BE-1318		34020-25BE-1318				
		3/8"-16	1/2" "CA"	90 lbs.	Soft Rubber	39000-25CA-1316	*	34000-25CA-1316	*			
					Conductive	39041-25CA-1316		34041-25CA-1316				
				100 lbs.	Hard Rubber	39010-25CA-1316		34010-25CA-1316				
					Polyolefin	39020-25CA-1316		34020-25CA-1316				
			1" "CC"	90 lbs.	Soft Rubber	39000-25CC-1316	*	34000-25CC-1316	*			
					Conductive	39041-25CC-1316		34041-25CC-1316				
				100 lbs.	Hard Rubber	39010-25CC-1316	*	34010-25CC-1316	*			
					Polyolefin	39020-25CC-1316		34020-25CC-1316				
			1-1/2" "CE"	90 lbs.	Soft Rubber	39000-25CE-1316	*	34000-25CE-1316	*			
					Conductive	39041-25CE-1316	*	34041-25CE-1316	*			
				100 lbs.	Hard Rubber	39010-25CE-1316	*	34010-25CE-1316	*			
					Polyolefin	39020-25CE-1316		34020-25CE-1316				
3"	15/16"	5/16"-18	1/2" "BA"	100 lbs.	Soft Rubber	99000-30BA-2318		94000-30BA-2318		3-9/16"	2-1/2"	1"
					Conductive	99041-30BA-2318		94041-30BA-2318				
				125 lbs.	Hard Rubber	99010-30BA-2318	*	94010-30BA-2318	*			
					Polyolefin	99020-30BA-2318		94020-30BA-2318				
			1" "BC"	100 lbs.	Soft Rubber	99000-30BC-2318	*	94000-30BC-2318	*			
					Conductive	99041-30BC-2318		94041-30BC-2318				
				125 lbs.	Hard Rubber	99010-30BC-2318	*	94010-30BC-2318	*			
					Polyolefin	99020-30BC-2318		94020-30BC-2318				
			1-1/2" "BE"	100 lbs.	Soft Rubber	99000-30BE-2318	*	94000-30BE-2318	*			
					Conductive	99041-30BE-2318		94041-30BE-2318				
				125 lbs.	Hard Rubber	99010-30BE-2318	*	94010-30BE-2318	*			
					Polyolefin	99020-30BE-2318		94020-30BE-2318				
		3/8"-16	1/2" "CA"	100 lbs.	Soft Rubber	99000-30CA-2316	*	94000-30CA-2316				
					Conductive	99041-30CA-2316		94041-30CA-2316	*			
				125 lbs.	Hard Rubber	99010-30CA-2316		94010-30CA-2316				
					Polyolefin	99020-30CA-2316		94020-30CA-2316				
			1" "CC"	100 lbs.	Soft Rubber	99000-30CC-2316	*	94000-30CC-2316	*			
					Conductive	99041-30CC-2316	*	94041-30CC-2316	*			
				125 lbs.	Hard Rubber	99010-30CC-2316	*	94010-30CC-2316	*			
					Polyolefin	99020-30CC-2316	*	94020-30CC-2316	*			
			1-1/2" "CE"	100 lbs.	Soft Rubber	99000-30CE-2316	*	94000-30CE-2316	*			
					Conductive	99041-30CE-2316	*	94041-30CE-2316	*			
				125 lbs.	Hard Rubber	99010-30CE-2316	*	94010-30CE-2316	*			
					Polyolefin	99020-30CE-2316	*	94020-30CE-2316	*			

* Please inquire for additional caster variations.

Load Capacity: 75 - 125lbs

Straight Stem Casters

FEATURES

- Double Ball Bearing Raceway Construction
- Riveted Axle Assembly
- Nickel Plate Finish standard on 2" & 2 1/2" casters
- Zinc Plate Finish standard on 3" casters
- Friction Brakes available on all sizes
- Tread Brakes available on 3" Casters*
- Hooded Casters available in 2" & 2 1/2" sizes* (zinc plated)

*Minimum order quantities may apply.

TYPICAL APPLICATIONS

- Utility Tables
- Projector Stands
- Laundry Carts
- Laboratory Instrument Stands
- Bedside Tables



				Load Capacity	Wheel Type	Caster Part Number	STD	Caster with Brake Part Number	STD		Swivel Radius	Offset
2"	15/16"	7/16" "DF"	1-7/8"	75 lbs.	Soft Rubber	39000-20DF-13PO	*	34000-20DF-13PO		2-9/16"	2-3/8" w/brake 1-13/16" w/o brake	13/16"
					Conductive	39041-20DF-13PO	*	34041-20DF-13PO				
				90 lbs.	Hard Rubber	39010-20DF-13PO	*	34010-20DF-13PO				
					Polyolefin	39020-20DF-13PO	*	34020-20DF-13PO				
2-1/2"	15/16"	7/16" "DF"	1-7/8"	90 lbs.	Soft Rubber	39000-25DF-13PO		34000-25DF-13PO		3-1/16"	2-3/8" w/brake 2-1/16" w/o brake	13/16"
					Conductive	39041-25DF-13PO		34041-25DF-13PO				
				100 lbs.	Hard Rubber	39010-25DF-13PO		34010-25DF-13PO				
					Polyolefin	39020-25DF-13PO		34020-25DF-13PO				
3"	15/16"	7/16" "DF"	1-7/8"	100 lbs.	Soft Rubber	99000-30DF-23PO	*	94000-30DF-23PO		3-9/16"	2-1/2"	1"
					Conductive	99041-30DF-23PO	*	94041-30DF-23PO				
				125 lbs.	Hard Rubber	99010-30DF-23PO	*	94010-30DF-23PO				
					Polyolefin	99020-30DF-23PO	*	94020-30DF-23PO				

* Please inquire for additional caster variations.

Wheel Options



SOFT RUBBER

2", 2 1/2", 3"



HARD RUBBER

2", 2 1/2", 3"



POLYOLEFIN

2", 2 1/2", 3"



CONDUCTIVE

2", 2 1/2", 3"



COMOLDED URETHANE*

2", 2 1/2", 3"

*Minimums apply

Top Plate Casters

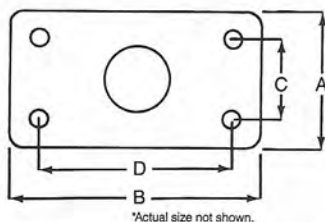
Top Plate

Top plates allow casters to be mounted to a flat base. Plates should be bolted at all four corners so that the load will be distributed over the full area of the plate.



Wheel Diameter	Plate Width	Plate Length	Plate Size	Load Capacity	Wheel Type	Caster Part Number	STD	Caster with Brake Part Number	STD	Swivel Radius	Offset
2"	15/16"	1-3/16"x2"	13/16"x1-9/16"	75 lbs.	Soft Rubber	39000-20TP-13B0	*	34000-20TP-13B0		2-5/8"	13/16"
		"BO"			Conductive	39041-20TP-13B0	*	34041-20TP-13B0		w/brake	
				90 lbs.	Hard Rubber	39010-20TP-13B0	*	34010-20TP-13B0		1-13/16"	
					Polyolefin	39020-20TP-13B0	*	34020-20TP-13B0		wo /brake	
2-1/2"	15/16"	1-3/16"x2"	13/16"x1-9/16"	90 lbs.	Soft Rubber	39000-25TP-13B0	*	34000-25TP-13B0		2-3/8"	13/16"
		"BO"			Conductive	39041-25TP-13B0	*	34041-25TP-13B0		w/brake	
				100 lbs.	Hard Rubber	39010-25TP-13B0	*	34010-25TP-13B0		2-1/16"	
					Polyolefin	39020-25TP-13B0	*	34020-25TP-13B0		w/o brake	
3"	15/16"	1-3/16"x2"	13/16"x1-9/16"	100 lbs.	Soft Rubber	99000-30TP-23B0	*	94000-30TP-23B0		3-5/8"	1"
		"BO"			Conductive	99041-30TP-23B0	*	94041-30TP-23B0			
				125 lbs.	Hard Rubber	99010-30TP-23B0	*	94010-30TP-23B0			
					Polyolefin	99020-30TP-23B0	*	94020-30TP-23B0			

* Please inquire for additional caster variations.



*Actual size not shown.

Outside Dimensions

A & B
"BO" 1 3/16" x 2"

Hole Spacing

C & D
13/16" x 1 9/16"

TYPICAL APPLICATIONS

- Book Racks
- Bedside Cabinets
- Office Stands
- Display Stands

Friction Ring Stem Casters

FEATURES

- Double Ball Bearing Raceway Construction
- Nut & Bolt Assembly
- Friction Brakes available on all sizes
- Zinc Plated Finish standard



Friction Ring Stem

Friction Ring Stems are a popular means of attachment where casters are mounted to vertical tubular legs. Casters can be applied with or without the use of sockets. In many cases, friction ring stems fit directly into drilled or cast holes.



TYPICAL APPLICATIONS

- Hospital Beds
- Automotive Racks
- Laboratory Testing Equipment
- Utility Carts
- Book Carts
- Linen Carts

				Load Capacity	Wheel Type	Caster Part Number	STD	Caster with Brake Part Number	STD		Swivel Radius	Offset
4"	15/16"	7/16"	1-3/8"	125 lbs.	Soft Rubber	99001-40DD-23SD	*	94001-40DD-23SD	*	4-9/16"	3-1/2"	1-1/2"
					Conductive	99041-40DD-23SD	*	94041-40DD-23SD	*			
				150 lbs.	Hard Rubber	99011-40DD-23SD	*	94011-40DD-23SD	*			
					Polyolefin	99020-40DD-23SD	*	94020-40DD-23SD	*			
			2"	125 lbs.	Soft Rubber	99001-40DG-23SD	*	94001-40DG-23SD	*			
					Conductive	99041-40DG-23SD		94041-40DG-23SD				
				150 lbs.	Hard Rubber	99011-40DG-23SD		94011-40DG-23SD				
					Polyolefin	99020-40DG-23SD		94020-40DG-23SD				
5"	15/16"	7/16"	1-3/8"	135 lbs.	Soft Rubber	99001-50DD-23SD	*	94001-50DD-23SD	*	5-9/16"	4-1/32"	1-1/2"
					Conductive	99041-50DD-23SD		94041-50DD-23SD				
				160 lbs.	Hard Rubber	99011-50DD-23SD	*	94011-50DD-23SD	*			
			1-1/2"	135 lbs.	Soft Rubber	99001-50DE-23SD		94001-50DE-23SD				
					Conductive	99041-50DE-23SD		94041-50DE-23SD				
				160 lbs.	Hard Rubber	99011-50DE-23SD		94011-50DE-23SD				
			2"	135 lbs.	Soft Rubber	99001-50DG-23SD	*	94001-50DG-23SD	*			
					Conductive	99041-50DG-23SD		94041-50DG-23SD				
				160 lbs.	Hard Rubber	99011-50DG-23SD		94011-50DG-23SD				

* Please inquire for additional caster variations.

125 - 160lbs.

4" to 5"
Wheel Diameters

Threaded Stem Casters

FEATURES

- Double Ball Bearing Raceway Construction
- Nut & Bolt Assembly
- Friction Brakes available on all sizes
- Zinc Plated Finish standard

Threaded Stem Casters

Threaded stems are used for direct attachment. These should always be securely fastened with a nut and not used as a leveling device. If a different height is required, a spacer should be inserted between the caster and the mounting surface for support.



				Load Capacity	Wheel Type	Caster Part Number	STD	Caster with Brake Part Number	STD		Swivel Radius	Offset
4"	15/16"	1/2"-13	1" "EC"	125 lbs.	Soft Rubber	99001-40EC-2313	*	94001-40EC-2313	*	4-9/16"	3-1/2"	1-1/2"
				Conductive	99041-40EC-2313	*	94041-40EC-2313	*				
			150 lbs.	Hard Rubber	99011-40EC-2313	*	94011-40EC-2313	*				
			135 lbs.	Polyolefin	99020-40EC-2313	*	94020-40EC-2313	*				
		1-1/2" "EE"	125 lbs.	Soft Rubber	99001-40EE-2313	*	94001-40EE-2313	*				
			Conductive	99041-40EE-2313	*	94041-40EE-2313	*					
			150 lbs.	Hard Rubber	99011-40EE-2313	*	94011-40EE-2313	*				
			135 lbs.	Polyolefin	99020-40EE-2313	*	94020-40EE-2313	*				
5"	15/16"	7/16"	1" "EC"	135 lbs.	Soft Rubber	99001-50EC-2313	*	94001-50EC-2313	*	5-9/16"	4"	1-1/2"
				Conductive	99041-50EC-2313	*	94041-50EC-2313	*				
			160 lbs.	Hard Rubber	99011-50EC-2313	*	94011-50EC-2313	*				
			1-1/2" "EE"	135 lbs.	Soft Rubber	99001-50EE-2313	*	94001-50EE-2313	*			
		Conductive		99041-50EE-2313	*	94041-50EE-2313	*					
		160 lbs.		Hard Rubber	99011-50EE-2313	*	94011-50EE-2313	*				

* Please inquire for additional caster variations.

Wheel Options



SOFT RUBBER

4" & 5"



HARD RUBBER

4" & 5"



POLYOLEFIN

4"



CONDUCTIVE

4" & 5"



COMOLDED URETHANE*

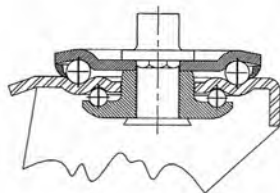
5"

*Miniums apply

Post Stem Casters

FEATURES

- Double Ball Bearing Raceway Construction
- Nut & Bolt Assembly
- Friction Brakes
- Zinc Plated Finish standard

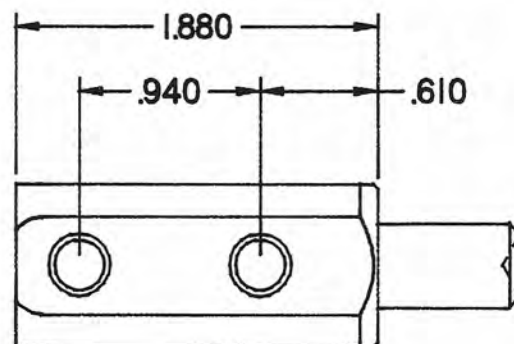


Full Annular Double Ball Raceways

All swivel casters feature separate, full-annular contact, and upper and lower bearing races. This construction provides maximum strength, mobility and a smooth, quiet operation.



				Load Capacity	Wheel Type	Caster Part Number	STD	Caster with Brake Part Number	STD		Swivel Radius	Offset
5"	15/16"	49/64" "RM"	1-3/4" Round Post w/ Ring	135 lbs.	Soft Rubber	99001-50RM-23A2	*	94001-50RM-23A2	*	5-9/16"	4-1/32"	1-1/2"



				Load Capacity	Wheel Type	Caster Part Number	STD	Caster with Brake Part Number	STD		Swivel Radius	Offset
5"	15/16"	7/8" "KG"	1-7/8" Square w/ Cross Hole	135 lbs.	Soft Rubber	99001-50KG-23CS		94001-50KG-23CS		5-9/16"	4-1/32"	1-1/2"

* Please inquire for additional caster variations.

125 - 160lbs.

4" to 5"
Wheel Diameters

Top Plate Casters

TYPICAL APPLICATIONS

- Audio Visual Stands
- Room Service Carts
- Display Stands
- Utility Cabinets
- Maintenance Carts

Wheel Options

Soft Rubber: 4" & 5"

Hard Rubber: 4" & 5"

Polyolefin: 4"

Conductive: 4" & 5"

Polyurethane (comolded) * 5"x1/8"

Santoprene (comolded) * 5"x1/8"

*Minimum order quantities may apply. Please inquire.



Outside Dimensions

A & B

"B7" 2 1/2" x 3 3/4"

"B9" 3 1/8" x 4 1/8"

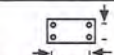
Hole Spacing

C & D

1 3/4" x 2 7/8" - 3"

2 3/8" x 3 7/16"

* Specify swivel or rigid when inquiring.

				Load Capacity	Wheel Type	Caster Part Number	STD	Caster with Brake Part Number	STD		Swivel Radius	Offset
4"	15/16"	2-1/2"x3-3/4" "B7" Swivel	1-3/4"x2-7/8"to3"	125 lbs. 150 lbs. 135 lbs.	Soft Rubber	99001-40TP-23B7	*	94001-40TP-23B7	*	4-3/4"	3-3/8"	1-3/8"
					Conductive	99041-40TP-23B7	*	94041-40TP-23B7	*			
					Hard Rubber	99011-40TP-23B7	*	94011-40TP-23B7	*			
					Polyolefin	99020-40TP-23B7	*	94020-40TP-23B7	*			
		2-1/2"x3-3/4" "B7" Rigid	1-3/4"x2-7/8"to3"	125 lbs. 150 lbs. 135 lbs.	Soft Rubber	99401-40TP-23B7	*	N/A	*			
					Conductive	99441-40TP-23B7	*	N/A	*			
					Hard Rubber	99411-40TP-23B7	*	N/A	*			
					Polyolefin	99420-40TP-23B7	*	N/A	*			
		3-1/8"x4-1/8" "B9" Swivel	2-3/8"x3-7/16"	125 lbs. 150 lbs. 135 lbs.	Soft Rubber	99001-40TP-23B9	*	94001-40TP-23B9	*			
					Conductive	99041-40TP-23B9	*	94041-40TP-23B9	*			
					Hard Rubber	99011-40TP-23B9	*	94011-40TP-23B9	*			
					Polyolefin	99020-40TP-23B9	*	94020-40TP-23B9	*			
5"	15/16"	2-1/2"x3-3/4" "B7" Swivel	1-3/4"x2-7/8"to3"	135 lbs. 160 lbs.	Soft Rubber	99001-50TP-23B7	*	94001-50TP-23B7	*	5-3/4"	4-1/32"	1-1/2"
					Conductive	99041-50TP-23B7	*	94041-50TP-23B7	*			
					Hard Rubber	99011-50TP-23B7	*	94011-50TP-23B7	*			
		2-1/2"x3-3/4" "B7" Rigid	1-3/4"x2-7/8"to3"	135 lbs. 160 lbs.	Soft Rubber	99401-50TP-23B7	*	N/A	*			
					Conductive	99441-50TP-23B7	*	N/A	*			
					Hard Rubber	99411-50TP-23B7	*	N/A	*			
		3-1/8"x4-1/8" "B9" Swivel	2-3/8"x3-7/16"	135 lbs. 160 lbs.	Soft Rubber	99001-50TP-23B9	*	94001-50TP-23B9	*			
					Conductive	99041-50TP-23B9	*	94041-50TP-23B9	*			
					Hard Rubber	99011-50TP-23B9	*	94011-50TP-23B9	*			

* Please inquire for additional caster variations.

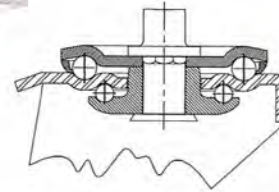
Load Capacity: 175 - 290lbs

Friction Ring Stem Casters



Friction Ring Stem

Friction Ring Stems are a popular means of attachment where casters are mounted to vertical tubular legs. Casters can be applied with or without the use of sockets. In many cases, friction ring stems fit directly into drilled or cast holes.



Full Annular Double Ball Raceways

All swivel casters feature separate, full-annular contact, and upper and lower bearing races. This construction provides maximum strength, mobility and a smooth, quiet operation.

Wheel Diameter	Stem Diameter	Stem Length	Stem Type	Load Capacity	Wheel Type	Caster Part Number	STD	Caster with Brake Part Number	STD	Swivel Radius	Offset
3"	1-1/4"	7/16"	1-3/8" "DD"	175 lbs.	Soft Rubber	99001-31DD-23SD	*	94001-31DD-23SD	*	3-9/16"	1-1/4"
					Conductive	99041-31DD-23SD	*	94041-31DD-23SD	*		
				270 lbs.	Hard Rubber	99011-31DD-23SD	*	94011-31DD-23SD	*		
					Polyolefin	99020-31DD-23SD	*	94020-31DD-23SD	*		
			1-1/2" "DE"	175 lbs.	Soft Rubber	99001-31DE-23SD	*	94001-31DE-23SD	*		
					Conductive	99041-31DE-23SD	*	94041-31DE-23SD	*		
				270 lbs.	Hard Rubber	99011-31DE-23SD	*	94011-31DE-23SD	*		
					Polyolefin	99020-31DE-23SD	*	94020-31DE-23SD	*		
			2" "DG"	175 lbs.	Soft Rubber	99001-31DG-23SD	*	94001-31DG-23SD	*		
					Conductive	99041-31DG-23SD	*	94041-31DG-23SD	*		
				270 lbs.	Hard Rubber	99011-31DG-23SD	*	94011-31DG-23SD	*		
					Polyolefin	99020-31DG-23SD	*	94020-31DG-23SD	*		
4"	1-1/4"	7/16"	1-3/8" "DD"	200 lbs.	Soft Rubber	99001-41DD-23SD	*	94001-41DD-23SD	*	4-3/4"	1-1/2"
					Conductive	99041-41DD-23SD	*	94041-41DD-23SD	*		
				280 lbs.	Hard Rubber	99011-41DD-23SD	*	94011-41DD-23SD	*		
5"	1-1/4"	7/16"	1-3/8" "DD"	210 lbs.	Soft Rubber	99001-51DD-23SD	*	94001-51DD-23SD	*	5-13/16"	1-5/8"
					Conductive	99041-51DD-23SD	*	94041-51DD-23SD	*		
				290 lbs.	Hard Rubber	99011-51DD-23SD	*	94011-51DD-23SD	*		

* Please inquire for additional caster variations.

175 - 290lbs.

3", 4", 5"
Wheel Diameters

Threaded Stem Casters

FEATURES

- Double Ball Bearing Raceway Construction
- Nut & Bolt Assembly
- Friction Brakes Available
- Zinc Plated Finish standard on all sizes

Wheel Options

Soft Rubber: 3", 4" & 5"

Hard Rubber: 3", 4" & 5"

Polyolefin: 3"

Conductive: 3", 4" & 5"



Wheel Diameter	Stem Diameter	Stem Length	Load Capacity	Wheel Type	Caster Part Number	STD	Caster with Brake Part Number	STD	Swivel Radius	Offset
3"	1-1/4"	1/2"	175 lbs.	Soft Rubber	99001-31EC-2313	*	94001-31EC-2313	*	3-9/16"	3-9/16" w/brake
				Conductive	99041-31EC-2313	*	94041-31EC-2313	*		
				Hard Rubber	99011-31EC-2313	*	94011-31EC-2313	*		
				Polyolefin	99020-31EC-2313	*	94020-31EC-2313	*		
			270 lbs.	Soft Rubber	99001-31EE-2313	*	94001-31EE-2313	*		2-3/4" w/o brake
				Conductive	99041-31EE-2313	*	94041-31EE-2313	*		
				Hard Rubber	99011-31EE-2313	*	94011-31EE-2313	*		
				Polyolefin	99020-31EE-2313	*	94020-31EE-2313	*		
4"	1-1/4"	1/2"	200 lbs.	Soft Rubber	99001-41EC-2313	*	94001-41EC-2313	*	4-3/4"	3-9/16"
				Conductive	99041-41EC-2313	*	94041-41EC-2313	*		
				Hard Rubber	99011-41EC-2313	*	94011-41EC-2313	*		
				Soft Rubber	99001-41EE-2313	*	94001-41EE-2313	*		
			280 lbs.	Conductive	99041-41EE-2313	*	94041-41EE-2313	*		
				Hard Rubber	99011-41EE-2313	*	94011-41EE-2313	*		
				Soft Rubber	99001-51EC-2313	*	94001-51EC-2313	*		
				Conductive	99041-51EC-2313	*	94041-51EC-2313	*		
5"	1-1/4"	1/2"	210 lbs.	Hard Rubber	99011-51EC-2313	*	94011-51EC-2313	*	5-13/16"	4-1/8"
				Soft Rubber	99001-51EE-2313	*	94001-51EE-2313	*		
				Conductive	99041-51EE-2313	*	94041-51EE-2313	*		
				Hard Rubber	99011-51EE-2313	*	94011-51EE-2313	*		
			290 lbs.	Soft Rubber	99001-51EC-2313	*	94001-51EC-2313	*		
				Conductive	99041-51EC-2313	*	94041-51EC-2313	*		
				Hard Rubber	99011-51EC-2313	*	94011-51EC-2313	*		
				Soft Rubber	99001-51EE-2313	*	94001-51EE-2313	*		

* Please inquire for additional caster variations.

Top Plate Casters

FEATURES

- Double Ball Bearing Raceway Construction
- Nut & Bolt Assembly
- Friction Brakes available
- Zinc Plated Finish standard

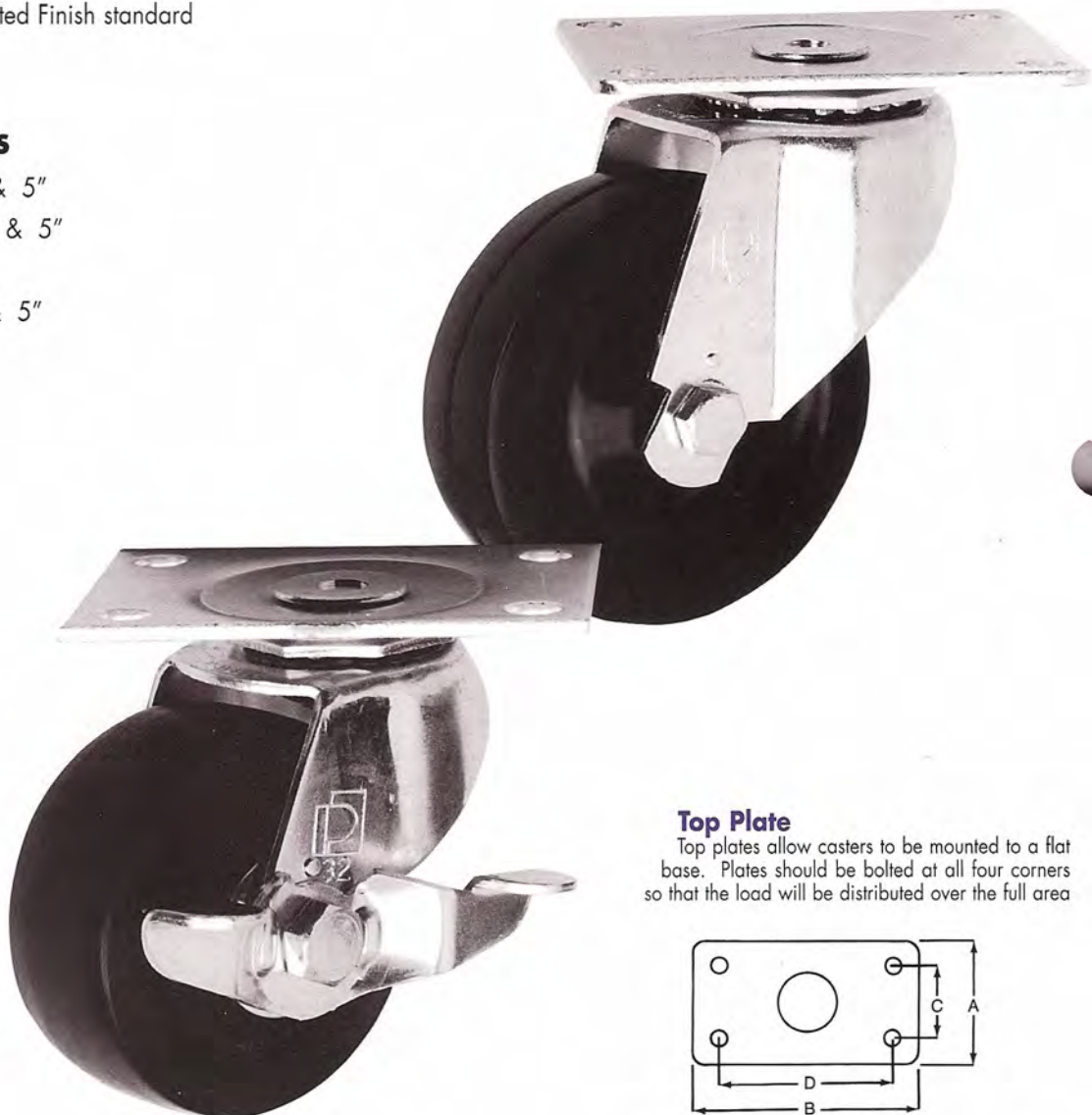
Wheel Options

Soft Rubber: 3", 4" & 5"

Hard Rubber: 3", 4" & 5"

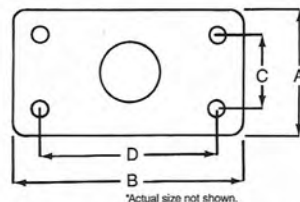
Polyolefin: 3"

Conductive: 3", 4" & 5"



Top Plate

Top plates allow casters to be mounted to a flat base. Plates should be bolted at all four corners so that the load will be distributed over the full area



Outside Dimensions

A & B

"B7" 2¹/₂" x 3³/₄"

"B9" 3¹/₈" x 4¹/₈"

Hole Spacing

C & D

1³/₄" x 2⁷/₈" - 3"

2³/₈" x 3⁷/₁₆"

* Specify swivel or rigid when inquiring.

175 - 290lbs.

3", 4" & 5"
Wheel Diameters



TYPICAL APPLICATIONS

- Maintenance Carts/Trucks
- Display Racks/Stands/Bins
- Tool Chest/Stands
- Trash Containers
- Housekeeping Carts

				Load Capacity	Wheel Type	Caster Part Number	STD	Caster with Brake Part Number	STD		Swivel Radius	Offset			
3"	1-1/4"	2-1/2"x3-3/4" "B7" Swivel	1-3/4"x2-7/8"to3"	175 lbs.	Soft Rubber	99001-31TP-23B7	*	94001-31TP-23B7	*	3-3/4"	3-9/16" w/brake	1-1/4"			
					Conductive	99020-31TP-23B7	*	94020-31TP-23B7	*						
					Hard Rubber	99011-31TP-23B7	*	94011-31TP-23B7	*						
		270 lbs.	Polyolefin	99020-31TP-23B7	*	94020-31TP-23B7	*								
			2-1/2"x3-3/4" "B7" Rigid	1-3/4"x2-7/8"to3"	175 lbs.	Soft Rubber	99401-31TP-23B7	*	N/A		*		2-3/4" w/o brake		
						Conductive	99441-31TP-23B7	*	N/A		*				
		Hard Rubber				99411-31TP-23B7	*	N/A	*						
		270 lbs.	Polyolefin	99420-31TP-23B7	*	N/A	*								
			3-1/8"x4-1/8" "B9" Swivel	2-3/8"x3-7/16"	175 lbs.	Soft Rubber	99001-31TP-23B9	*	94001-31TP-23B9		*				
						Conductive	99041-31TP-23B9	*	94041-31TP-23B9		*				
		Hard Rubber				99011-31TP-23B9	*	94011-31TP-23B9	*						
		270 lbs.			Polyolefin	99020-31TP-23B9	*	94020-31TP-23B9	*						
4"	1-1/4"				2-1/2"x3-3/4" "B7" Swivel	1-3/4"x2-7/8"to3"	200 lbs.	Soft Rubber	99001-41TP-23B7	*	94001-41TP-23B7	*	5"	3-9/16"	1-1/2"
								Conductive	99020-41TP-23B7	*	94020-41TP-23B7	*			
		Hard Rubber	99011-41TP-23B7	*				94011-41TP-23B7	*						
		280 lbs.	Soft Rubber	99401-41TP-23B7	*	N/A	*								
			Conductive	99441-41TP-23B7	*	N/A	*								
			Hard Rubber	99411-41TP-23B7	*	N/A	*								
		3-1/8"x4-1/8" "B9" Swivel	2-3/8"x3-7/16"	200 lbs.	Soft Rubber	99001-41TP-23B9	*	94001-41TP-23B9	*						
					Conductive	99041-41TP-23B9	*	94041-41TP-23B9	*						
					Hard Rubber	99011-41TP-23B9	*	94011-41TP-23B9	*						
5"	1-1/4"	2-1/2"x3-3/4" "B7" Swivel	1-3/4"x2-7/8"to3"	210 lbs.	Soft Rubber	99001-51TP-23B7	*	94001-51TP-23B7	*	6"	4-1/8"	1-5/8"			
					Conductive	99041-51TP-23B7	*	94041-51TP-23B7	*						
					Hard Rubber	99011-51TP-23B7	*	94011-51TP-23B7	*						
		290 lbs.	Soft Rubber	99401-51TP-23B7	*	N/A	*								
			Conductive	99441-51TP-23B7	*	N/A	*								
			Hard Rubber	99411-51TP-23B7	*	N/A	*								
		3-1/8"x4-1/8" "B9" Swivel	2-3/8"x3-7/16"	210 lbs.	Soft Rubber	99001-51TP-23B9	*	94001-51TP-23B9	*						
					Conductive	99041-51TP-23B9	*	94041-51TP-23B9	*						
					Hard Rubber	99011-51TP-23B9	*	94011-51TP-23B9	*						
				290 lbs.	Soft Rubber	99001-51TP-23B9	*	94001-51TP-23B9	*						
					Conductive	99041-51TP-23B9	*	94041-51TP-23B9	*						
					Hard Rubber	99011-51TP-23B9	*	94011-51TP-23B9	*						

* Please inquire for additional caster variations.

50mm Twin Wheel Casters

1-800-215-8220

2"
LOAD CAPACITY
75LBS. - 200LBS.

ITW'S 50mm twin wheel casters are constructed of high quality nylon. The full hood twin wheel design provides a clean, contemporary look for many applications.



Furniture Twin wheel Plastic - Full Hood

Gemini I: 2" Diameter twin wheel casters

Black (All Plastic)

Load Capacity: Mobile: 75 lbs. Static: 200 lbs.

Mounting Height: 2⁵/₁₆"

ITW'S twin wheel brake casters offer the most advanced developments in caster brake design. Unlike many twin wheels featuring a "light switch" brake, our American made casters offer a full lever for easy application.



Furniture Twin Wheel Plastic - w/Brake-Full Hood

Gemini I: 2" Diameter twin wheel casters w/brake

Black (All Plastic)

Load Capacity: Mobile: 75 lbs. Static: 200 lbs.

Mounting Height: 2⁵/₁₆"

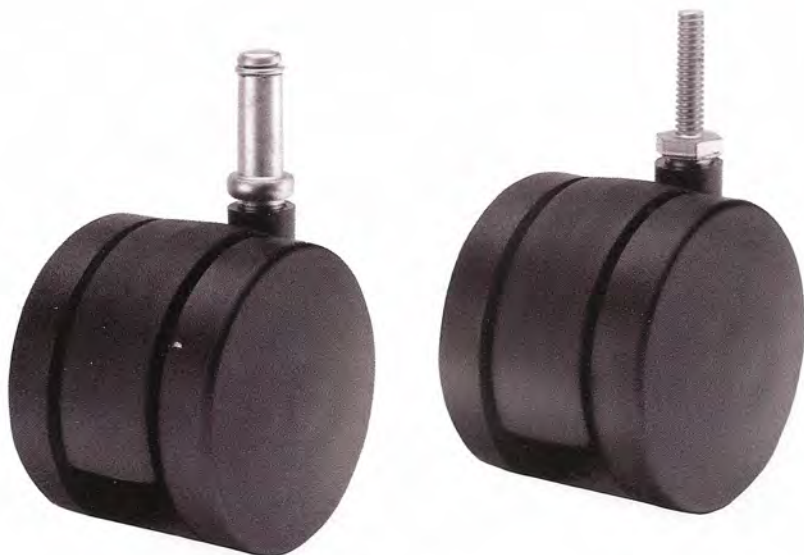
60mm

Twin Wheel Casters

1-800-215-8220

2 3/8"

**LOAD CAPACITY
100LBS. - 300LBS.**



Furniture Twin Wheel Plastic - Center Housing

Gemini II: 2 3/8" Diameter twin wheel casters

Black (All Plastic) • *Soft wheels are available*

Load Capacity: Mobile: 100 lbs. Static: 300 lbs.

Mounting Height: 2 5/8"



Furniture Twin Wheel Plastic - w/Brake-Center Housing

Gemini II: 2 3/8" Diameter twin wheel casters w/brake

Black (All Plastic) • *Soft wheels are available*

Load Capacity: Mobile: 100 lbs. Static: 300 lbs.

Mounting Height: 2 5/8"

ITW'S 60mm twin wheel casters feature a nylon center housing and are available with nylon or soft wheels. Our 60mm soft twin wheels provide maximum floor protection and quiet, smooth operation.

ITW'S twin wheel brake casters offer the most advanced developments in caster brake design. Unlike many twin wheels featuring a "light switch" brake, our American made casters offer a full lever for easy application.

100mm Twin Wheel Casters

1-800-215-8220

4"
LOAD CAPACITY
200LBS. - 440LBS.

Provides the stability required for delicate operations of computer equipment and medical furniture. Available in soft wheel design for a quiet roll on vinyl floor.

Overcomes typical elevator gap problems in hospital and office environments. Dual 4" diameter wheels roll over obstructions easier than single wheel casters.

The chemical resistant nylon housing eliminates corrosion typical in steel constructed casters.



FEATURES

- Institutional: 4" twin wheel casters
- Chemical Resistant Nylon Housing
- Bearing-less construction & Self Lubricating Pintle

Attachment Method	Size	Caster Part Number	Caster with Brake Part Number
Friction Ring Stem	7/16" x 1 3/8"	41000-0078-0000	41100-0078-0000
Threaded Stem	1/2" - 13 x 1"	41000-0091-0000	41100-0091-0000
Top Plate	2 1/2" x 3 3/4"	41000-00B7-0000	41100-00B7-0000

100mm Twin Wheel Casters

1-800-215-8220

4"

**LOAD CAPACITY
200LBS. - 440LBS.**

FEATURES

- Institutional: 4" twin wheel casters
- Chemical Resistant Nylon Housing
- Bearing-less construction & Self Lubricating Pintle
- Brakes: Cam Operated



The bearingless construction and self-lubricating pintle eliminates the possibility of steaming any lubricants out of conventional raceways. Steam cleaning will not affect the finish.

Applications include uses in the following industries:

- Healthcare
- Business Machine
- Food Service
- Display
- General

TEST DATA:

Impact Resistance:

ITW's 4" Twin Wheel Caster is made of a durable plastic material that has a "memory". This enables the caster to return to its original shape after impact.

Rolling Resistance and Swivel Tests:

Compared to a 4" x 1" Single Wheel Caster with dual ball bearing raceways, the 4" Twin Wheel Caster exhibits comparable swivel and lower rolling resistance on both carpeted and vinyl floor coverings.

LOAD RATINGS:
SOFT WHEEL

STATIC
440lbs.

DYNAMIC
200lbs.