

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.*



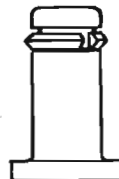
HORNS



Unhooded –
Available on 2", 2½" & 3" casters

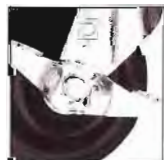


Hooded* –
Available on 2" & 2½" casters (zinc plated)
**Minimum order quantities may apply on hooded casters. Inquire for part numbers and pricing.*



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

				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	*								
					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	*								
					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"

*Minimums apply

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.



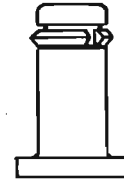
TYPICAL APPLICATIONS

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

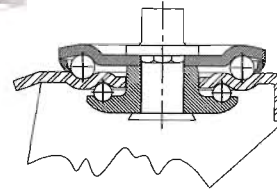
Wheel Diameter	Stem Diameter	Stem Length	Stem Type	Load Capacity	Wheel Type	Caster Part Number	STD	Caster with Brake Part Number	STD	Swivel Radius	Offset	
4"	15/16"	7/16"	1-3/8" "DD"	125 lbs.	Soft Rubber	99001-40DD-23SD	*	94001-40DD-23SD	*	4-9/16"	3-1/2"	1-1/2"
				150 lbs.	Conductive	99041-40DD-23SD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

* Please inquire for additional caster variations.

Friction Ring Stem Casters



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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"	3-9/16"	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"	4-1/8"	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.