

Stem Casters — 11.20

Use with Super Erecta posts and shelves (see pages 37 and 42) to create a mobile shelving unit to meet your special needs. Stem casters are shipped with donut bumper at no additional charge.



5M



5MB

Rigid stem casters are often ordered two per unit for improved tracking and handling. Rigid caster channels are provided with each two rigid stem casters at no charge.

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)	Type	Wheel Tread	Temperature Range (Continuous Usage) (Fahrenheit) (Celsius)	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.
4	102 1/2	12 125 56	Stem/Swivel	Resilient Donut	-30°-160° -34°-74°	1 1/2 0.6	4LD
5	127 1/2	12 125 56	Stem/Swivel	Resilient Donut	-30°-160° -34°-74°	2 0.9	5LD
5	127 1 1/4	32 200 90	Stem/Swivel	Resilient, Flat	-30°-160° -34°-74°	2 1/2 1.1	5M
5	127 1 1/4	32 200 90	Stem/Brake	Resilient, Flat	-30°-160° -34°-74°	2 5/8 1.2	5MB
5	127 1 1/4	32 200 90	Stem/Rigid	Resilient, Flat	-30°-160° -34°-74°	3 1/2 1.5	5MR
5	127 1 1/4	32 200 111	Stem/Swivel	High Modulus Donut	-40°-180° -40°-82°	2 1/2 1.1	5MDA
5	127 1 1/4	32 200 111	Stem/Brake	High Modulus Donut	-40°-180° -40°-82°	2 5/8 1.2	5MDBA
5	127 1 1/4	32 200 111	Stem/Rigid	High Modulus Donut	-40°-180° -40°-82°	2 3/8 1.1	5MDRA
5	127 1 1/4	32 300 135	Stem/Swivel	Polyurethane, Flat	-30°-180° -34°-82°	2 1/8 0.9	5MP
5	127 1 1/4	32 300 135	Stem/Brake	Polyurethane, Flat	-30°-180° -34°-82°	2 1/4 1	5MPB
5	127 1 1/4	32 300 135	Stem/Rigid	Polyurethane, Flat	-30°-180° -34°-82°	2 0.9	5MPR
6	152 1 1/4	32 200 135	Stem/Swivel	Polyurethane, Flat	-30°-180° -34°-82°	2 1/4 1.1	6MP
6	152 1 1/4	32 200 135	Stem/Brake	Polyurethane, Flat	-30°-180° -34°-82°	2 1/2 0.9	6MPB
6	152 1 1/4	32 200 135	Stem/Rigid	Polyurethane, Flat	-30°-180° -34°-82°	2 1/4 1	6MPR

Note 1: Rigid casters are held in position by a connecting channel. When ordering rigid casters, shelf width must be known.  
 Note 2: Load Height for all 5M and 5MP casters — 6 3/32" ± 1/16" (155 ± 1.5mm).  
 Note 3: Load Height for 4LD caster — 4 5/8" ± 1/16" (118 ± 1.5mm).  
 Note 4: Load Height for 5LD caster — 5 5/8" ± 1/16" (143 ± 1.5mm).  
 Note 5: Brakes are foot-operated.

Polymer Casters — 11.20

Innovative polymer stem casters offer corrosion resistance and enhanced durability. Appropriate for all medium-duty mobile applications. Donut bumpers included.

- All-polymer horn, stainless steel axle and hardware.
- 5" (127mm) diameter polyurethane wheel, sleeve-style axle bearing and an optional toe-operated brake mechanism.
- Polyurethane, flat wheel tread.



5PC

5PCB

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)	Type	Wheel Tread	Temperature Range (Continuous Usage) (Fahrenheit) (Celsius)	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.	Antimicrobial
5	127 1 1/4	32 300 135	Stem/Swivel	High Modulus Donut	-20°-120° -49°-49°	2 0.9	5PC	5PCM
5	127 1 1/4	32 300 135	Stem/Brake	High Modulus Donut	-20°-120° -49°-49°	2 0.9	5PCB	5PCBM
5	127 1 1/4	32 300 135	Stem/Rigid	High Modulus Donut	-20°-120° -49°-49°	2 0.9	5PCR	

Note 1: Rigid casters are held in place by a connecting channel. When ordering, shelf depth must be provided.

Stainless Steel Cart-Washable Stem Casters — 11.20

Stem casters are shipped with donut bumpers at no extra charge.



5MDGSA

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)	Type	Wheel Tread	Temperature Range (Continuous Usage) (Fahrenheit) (Celsius)	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.
5	127 1 1/4	32 200 111	Stem/Swivel	High Modulus Donut	-40°-180° -40°-82°	2 1/2 1.1	5MDGSA
5	127 1 1/4	32 200 111	Stem/Brake	High Modulus Donut	-40°-180° -40°-82°	2 5/8 1.2	5MDBGSA
5	127 1 1/4	32 200 111	Stem/Rigid	High Modulus Donut	-40°-180° -40°-82°	2 3/8 1.1	5MDRGSA
5	127 1 1/4	32 300 135	Stem/Swivel	Polyurethane, Flat	-30°-180° -34°-82°	2 1/8 0.9	5MPGSA
5	127 1 1/4	32 300 135	Stem/Brake	Polyurethane, Flat	-30°-180° -34°-82°	2 1/4 1	5MPBGSA
5	127 1 1/4	32 300 135	Stem/Rigid	Polyurethane, Flat	-30°-180° -34°-82°	2 0.9	5MPRGSA

Note 1: Rigid casters are held in position by a connecting channel. When ordering rigid casters, shelf width must be known.  
 Note 2: Load Height for all 5MD and 5MP casters — 6 3/32" ± 1/16" (155 ± 1.5mm).  
 Note 3: All casters are grease sealed with zerk fittings in swivel and axle.  
 Note 4: Brakes are foot-operated.

Indicates antimicrobial product.

High-temperature Autoclave Stem Casters



5MHTPB

5MHTNB

Wheel Diameter (in.) (mm)	Face (in.) (mm)	Load Rating (lbs.) (kg)	Type	Wheel Tread	Temperature Range (Continuous Usage) (Fahrenheit) (Celsius)	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No.
5	127 1 1/2	38 300 135	Stem/Swivel	Polyurethane Flat	-45°-475° -43°-250°	2 1/8 1	5MHTPB
5	127 1 1/2	38 300 135	Stem/Brake	Polyurethane Flat	-45°-475° -43°-250°	2 1/8 1.3	5MHTPB
5	127 1 1/2	38 300 135	Stem/Swivel	Polyurethane Flat	-20°-475° -29°-250°	2 2/8 1.1	5MHTN
5	127 1 1/2	38 300 135	Stem/Brake	Polyurethane Flat	-20°-475° -29°-250°	3 1.4	5MHTNB

Swaged Posts — For cart wash and autoclave applications

Each Type 304 stainless post has an aluminum cap swaged into the top of the post. For use with standard stem casters.



Swaged Post

Description	Dimensions (in.) (mm)		Cat. No.
Stem Caster Post	33	875	33UPS-SW
Stem Caster Post	54	1370	54UPS-SW
Stem Caster Post	63	1600	63UPS-SW

## Donut Bumpers — 11.40

Diameter (in.) (mm)		Height (lbs.) (kg)		Cat. No.
3 1/2	89	3/4	19	9992DB*
5 1/2	140	1 3/16	21	9992N

\*Included with each Super Erecta stem caster as noted on previous page.



Donut Bumper

## Decorative Casters — 10.06

- Black nylon housing with non-marking polymer tread.
- 2 1/2" (63mm) models have threaded stem and attach to stationary shelving posts.
- 4" (100mm) casters include threaded insert for use with mobile posts.



HDC5B

HDC5BB

Type	Diameter (in.) (mm)		Fits Post Type	Cat. No.
Swivel/Brake	2 1/2	63	Stationary	HDC3BB
Swivel	4	100	Mobile	HDC5B
Swivel/Brake	4	100	Mobile	HDC5BB

Castors shipped with post inserts (as shown left) for adaptability to mobile posts.

The following information is to assist you in the selection of the appropriate caster for your specific application. Remember, the selection of the proper caster is determined by the load requirements, the operating environment, and other special conditions.

Wheel Material	Resistance to Oil & Grease	Rollability	Floor Protection	Noise
Resilient Rubber	Low	Fair	Good	Low
Neoprene	High	Good	Good	Low
Polyurethane	High	Good	Good	Moderate
High Modulus Rubber	High	Good	Good	Low
Conductive	Low	Fair	Good	Low

### Caster Tips:

1. The total weight of the equipment and its load should not exceed three times the load rating per caster.
2. Given the same wheel material, the larger the wheel diameter, the greater the load capacity and the better the rollability.
3. Caster mounting patterns affect maneuverability and steering of the equipment.
 



For maneuverability, use 4 swivel casters.



For steering control use 2 swivel and 2 rigid casters.
4. Plate casters generally have wheels of larger diameter and can usually carry more weight and take more abuse than stem casters.
5. Ball bearings and roller bearings in the wheel generally perform better and carry more weight than engineered plastic bearings or sintered metal bearings. Metro stem casters in the 5MP and the 5MDA series have ball bearings in the swivel and the wheel. Most plate casters have ball bearings in the swivel and ball or roller bearings in the wheel.
6. Wheel tread shapes are generally flat, rounded or tapered. Tapered wheels, like donut-shaped wheels, tend to roll more easily. High-modulus donut wheels offer resiliency and mobility, reduce noise, and absorb shock on uneven or rough floors.

Additional stem and plate casters, in various sizes, are available.

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