

# MATERIAL HANDLING

## Standard Stem Casters

For information on selecting casters, see page 1191.

Scan. Order. Done.  
Details on page A1.



**Antimicrobial Friction-Ring w/ Total Lock 455U35**



**Quiet-Roll Expanding Stem 455U22**



**Quiet-Roll Friction-Ring Stem 455U30**



**Single-Wheel Threaded Stem w/ Total Lock 454M80**



**Twin-Wheel Threaded Stem 54JE12**

## Medical Stem Casters

Casters roll quietly and smoothly to minimize noise that can disturb patients. Use on beds, gurneys, IV poles, maintenance carts, food-service equipment, and other items in areas such as hospitals, rehabilitation centers, and laboratories. All are swivel casters and can rotate 360°. **Antimicrobial** casters have wheels that are impregnated with an antimicrobial compound that stops damaging or odor-causing microbes from growing on them. **Corrosion-resistant** casters will not rust or corrode when exposed to water or cleaning chemicals. **Debris-resistant** casters have a thread guard that keeps debris from getting inside the casters and damaging or contaminating them. **Maintenance-free** casters have sealed precision ball bearings that do not need to be routinely greased. **Single-wheel** casters each have one wheel. **Twin-wheel** casters each have two wheels that let them swivel and start rolling more easily than single-wheel casters.

Wheel Dia.	Load Rating	Mounting Height	Caster Stem Size	SWIVEL CASTER Item No.	SWIVEL CASTER WITH BRAKE Item No.
<b>Antimicrobial Corrosion- &amp; Debris-Resistant Friction-Ring Stem</b>					
<b>Thermoplastic Rubber Tread</b>					
3"	165 lb	4 1/16"	2 1/2" x 2 1/4"	455U36	455U35 *
4"	190 lb	5 1/16"	2 1/2" x 2 1/4"	455U32	455U37 *
5"	220 lb	6 1/16"	2 1/2" x 2 1/4"	—	455U38 *
<b>Maintenance-Free High-Performance Friction-Ring Stem</b>					
<b>Thermoplastic Rubber Tread</b>					
3"	165 lb	4 3/8"	7/16" x 1 1/8"	—	454Y41 *
4"	165 lb	4 7/8"	7/16" x 1/8"	—	454Y39 *
5"	220 lb	6 1/8"	2 1/2" x 2 3/16"	1MMN1	1MMN2 *
<b>Polyurethane Tread</b>					
3"	165 lb	4 7/8"	7/16" x 7/8"	487H12	487H13 *
<b>Polyolefin Tread</b>					
3"	165 lb	4 7/8"	7/16" x 1 1/8"	454Y40	—
4"	165 lb	4 7/8"	7/16" x 3/8"	454Y38	—
4"	190 lb	5 13/16"	7/16" x 1 1/8"	19YX01	19YX05 *
5"	220 lb	6 7/8"	7/16" x 1 1/8"	19YX03	19YX07 *
<b>Quiet-Roll Expanding Stem</b>					
<b>Thermoplastic Rubber Tread</b>					
3"	165 lb	4 3/16"	1/2" x 13 x 2 1/4"	455U22	455U29 *
4"	190 lb	5 1/16"	1/2" x 13 x 2 1/4"	455U26	455U46 *
6"	240 lb	7 1/16"	1/2" x 13 x 2 1/4"	455U42	455U43 *
<b>Rubber Tread</b>					
5"	175 lb	6 1/16"	1/2" x 13 x 2 3/16"	—	490W39 *
<b>Polyurethane Tread</b>					
3"	250 lb	4 1/4"	1 3/16" x 2 3/16"	—	49H627
<b>Quiet-Roll Friction-Ring Stem</b>					
<b>Thermoplastic Rubber Tread</b>					
3"	165 lb	4 1/16"	2 1/2" x 2 1/4"	455U31	455U30 *
4"	190 lb	5 1/16"	2 1/2" x 2 1/4"	455U28	455U47 *
6"	240 lb	7 1/16"	2 1/2" x 2 1/4"	455U45	455U44 *
<b>Neoprene Tread</b>					
2"	125 lb	2 13/16"	7/16" x 3/8"	—	38R621 *
3"	175 lb	4 3/8"	7/16" x 3/8"	454Y13	454Y44 *

\* With total lock.

Wheel Dia.	Load Rating	Mounting Height	Caster Stem Size	SWIVEL CASTER Item No.	SWIVEL CASTER WITH BRAKE Item No.
<b>Single-Wheel Threaded Stem</b>					
<b>Thermoplastic Rubber Tread</b>					
4"	190 lb	5 13/16"	M12-20 x 2 5/32"	—	454M80 *
5"	220 lb	6 7/8"	M12-20 x 2 5/32"	454Y29	—
<b>Polyurethane Tread</b>					
3"	165 lb	4 7/8"	5/16" x 18 x 1"	487H14	487H15 *
<b>Polyolefin Tread</b>					
4"	190 lb	5 13/16"	M12-20 x 2 5/32"	454M79	—
4"	190 lb	5 13/16"	1/2" x 13 x 1"	—	19YX06 *
5"	220 lb	6 7/8"	1/2" x 13 x 1 1/2"	—	19YX08 *
<b>Neoprene Tread</b>					
3"	175 lb	4 1/8"	3/8" x 16 x 1"	455T49	455T50 *
<b>Twin-Wheel Threaded Stem</b>					
<b>Polyurethane Tread</b>					
2 13/16"	165 lb	3 13/16"	1 5/32" x 8 3/16"	490W44	—
3"	195 lb	3 9/16"	M10-15 x 3/16"	2GU84	—
3 13/16"	220 lb	5 1/8"	1 9/32" x 8 3/16"	—	483N15 *
	220 lb	5 1/16"	1 9/32" x 8 3/16"	490W40	—
4"	175 lb	4 7/8"	2 5/16" x 9/16"	2GU76	2GU77 *
	220 lb	4 3/4"	3/8" x 2 5/32"	—	16D127
	275 lb	4 11/16"	3/16" x 1 5/32"	—	24WA54 *
	275 lb	4 3/4"	3/16" x 2 5/32"	—	24WA87 *
	275 lb	4 3/4"	5/32" x 2 5/32"	2GU86	—
4 13/16"	220 lb	6 1/16"	M12-25 x 2 5/32"	—	54JE11 *
	275 lb	6 1/16"	1 9/32" x 8 3/16"	490W42	490W43 *
	220 lb	5 3/4"	5/32" x 2 5/32"	2GU78	—
5"	295 lb	5 13/16"	3/16" x 5 5/8"	24WA56	24WA57 *
	<b>Nylon Tread</b>				
3 13/16"	220 lb	5 1/8"	M12-25 x 2 5/32"	—	54JE09
4"	220 lb	5 1/8"	9/8" x 18 x 1 9/32"	54JE12	—



Plate I



Plate K



22W968

## Side-Mount Casters

Casters have vertical mounting plates that attach to the sides of gates, doors, fences, and other heavy equipment that won't support a traditional plate or stem caster. Spring-loaded suspension absorbs shocks to provide a smooth ride even when the casters are rolling on uneven surfaces. All have rubber tread.

Wheel Dia.	Load Rating	Mounting Plate Size	Mounting Plate Bolt Hole Pattern	Wheel Bearing Type	Item No.
2"	100 lb	5 3/4" x 2"	I	Delrin	32J780
3"	100 lb	4" x 1"	I	Plain	32J778
4"	125 lb	5 3/8" x 2"	I	Plain	32J781
4"	125 lb	4" x 1"	I	Plain	22W968
8"	210 lb	5 1/2" x 3 3/4"	K	Precision Ball	22W969