

**Conveyer
& Caster**
EQUIPMENT FOR INDUSTRY

We keep your business rolling.



No matter the application

From concept to reality, we keep your business rolling.



800.777.0600 | www.cc-efi.com

Table of Contents

Furniture Casters - Capacities to 100 lbs

12 Series Nylon Twin Wheel Casters	2
14 Series Zinc Die-Cast Twin Wheel Casters	4
15 Series Spherical Ball Casters	6
16 Series Metal Ball Casters	8

Institutional Casters - Capacities to 450 lbs

20 Series Light Duty Single Wheel Casters	10
22 Series Institutional Stem Casters	12
32 Series Institutional Plate Casters	14
34 Series Premium Institutional Total Lock Plate Casters	16
30 Series General Duty Dolly Casters	18

Industrial Casters - Capacities to 5,400 lbs

44 Series Medium Duty Industrial Casters	20
50 Series Medium Heavy Duty Industrial Casters	24
71 Series Medium Duty Kingpinless Industrial Casters	28
75 Series Heavy Duty Kingpinless Industrial Casters	32
76 Series Extreme Duty Kingpinless Industrial Casters	34

Ergonomic Casters - Capacities to 1,800 lbs

38 Series Institutional Ergonomic Casters	36
48 Series Medium Duty Industrial Ergonomic Casters	38
68 Series Heavy Duty Industrial Ergonomic Casters	40

Medical Casters - Capacities to 260 lbs

CN18 Series Medical Furniture Casters	42
CH21 Series Medical Stem Total Lock Casters	44
CH32 Series Medical Plate Total Lock Casters	46

Accessories

Floor Locks	48
Brakes & Locks	49
Sockets	50
Threaded Tube Ends	51
Wheel Guide	52

12 Series

Nylon Twin Wheel Furniture Casters
Capacity to 100 lbs

12 Series Nylon Twin Wheel Furniture Casters are made of injection molded, nylon reinforced plastic wheels and bodies. Available with a variety of mounting options like: grip ring stems, threaded stems, grip neck stems, and top plates.

These casters are commonly used on light duty furniture for home or office and on store fixtures.

Series Specifications

Capacity	up to 100 lbs
Wheel Size	50mm and 60mm
Available Mounting Types	Grip Ring, Threaded, Grip Neck (Wood), Top Plate
Bearings	Plain
Brake Available?	Yes

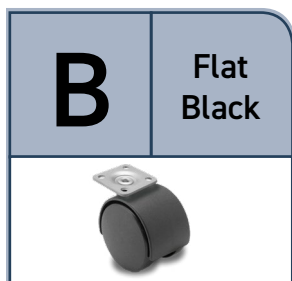


Building a Caster Part Number

To build your caster part number, use the series code 12 then add the finish code B (it's the only one in this series). You'll find the wheel code in the wheel options section. Then add the brake indicator if you'd like a brake. Select your mounting from the next page and add the stem code to the end of the part number.



Finish



12 Series

Nylon Twin Wheel Furniture Casters
Capacity to 100 lbs

Wheel Options

H	Hard Nylon Wheels
Bearing: Plain	



An economical and durable wheel. Excellent for carpet or vinyl floors. Do not use on carpet without a floor mat. Not recommended for use on hardwood floors.

50 mm

Cap: **75 lbs**
OAH: **2-3/8"**
Code: **H50**

60 mm

Cap: **100 lbs**
OAH: **2-3/4"**
Code: **H60**

Mounting Options

G	Grip Ring Stem
Append stem code to part number	



Commonly found on chairs, rotationally molded plastic furniture, and some extruded metal products.

G616

Diameter: **3/8"**
Length: **1"**
Stem: **-G616**

G723

Diameter: **7/16"**
Length: **1-7/16"**
Stem: **-G723**

G714

Diameter: **7/16"**
Length: **7/8"**
Stem: **-G714**

T	Threaded Stem
Append stem code to part number	



Normally found on formed and welded metal furniture. Occassional on wood furniture attached with a t-nut.

T516

Thread: **5/16-18**
Length: **1"**
Stem: **-T516**

T624

Thread: **3/8-24**
Length: **1-1/2"**
Stem: **-T624**

P	Top Plate
Append stem code to part number	



Excellent for retrofitting casters to existing furniture. So long as you have a flat surface, you can mount these casters.

P2424

Width: **1-1/2"**
Length: **1-1/2"**
Stem: **-P2424**

P1932

Width: **1-3/16"**
Length: **2"**
Stem: **-P1932**

W	Grip Neck (Wood) Stem
Append stem code to part number	



For solid wood furniture, there's really not a better attachment. Wood stem casters come complete with the necessary metal socket (shown on page 50).

W524

Diameter: **5/16"**
Length: **1-1/2"**
Stem: **-W524**

14 Series

Die Cast Twin Wheel Furniture Casters
Capacity to 100lbs

14 Series Die Cast Twin Wheel Furniture Casters are constructed of a die-cast metal body and nylon wheels. Optional soft tread urethane wheels are available for hardwood or tile floor applications.

This series boasts a variety of attractive finishes, a huge selection of stems, and stylish design.

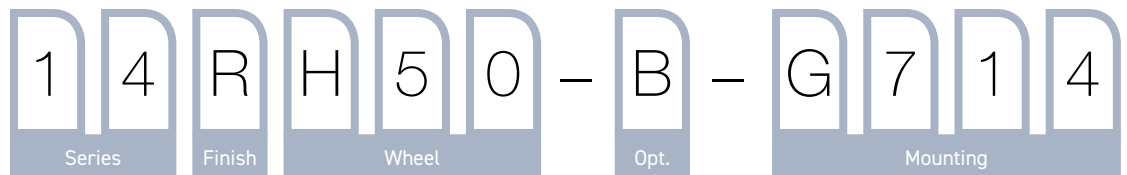
Series Specifications

Capacity	up to 100 lbs
Wheel Size	50mm and 60mm
Available Mounting Types	Grip Ring, Threaded, Grip Neck (Wood), Top Plate
Bearings	Plain
Brake Available?	Yes








Building a Caster Part Number

To build your caster part number, use the series code 14 then add the finish code. You'll find the wheel code in the wheel options section. Then add the brake indicator if you'd like a brake. Select your mounting from the next page and add the stem code to the end of the part number.



Finishes

R	Bright Brass	
A	Windsor Antique	
C	Bright Chrome	
S	Satin Chrome	
B	Flat Black	

14 Series

Die Cast Twin Wheel Furniture Casters
Capacity to 100lbs

Wheel Options

H	Hard Nylon Wheels
Bearing: Plain	



An economical and durable wheel. Excellent for carpet or vinyl floors. Do not use on carpet without a floor mat. Not recommended for use on hardwood floors.

50 mm

Cap: **75 lbs**
OAH: **2-3/8"**
Code: **H50**

60 mm

Cap: **100 lbs**
OAH: **2-3/4"**
Code: **H60**

S	Soft Urethane Wheels
Bearing: Plain	



Perfect for hardfloors like tile, hardwood, and laminate. Will not scuff or mark floors.

50 mm

Cap: **75 lbs**
OAH: **2-3/8"**
Code: **S50**

60 mm

Cap: **100 lbs**
OAH: **2-3/4"**
Code: **S60**

Mounting Options

G	Grip Ring Stem
Append stem code to part number	



Commonly found on chairs, rotationally molded plastic furniture, and some extruded metal products.

G616

Diameter: **3/8"**
Length: **1"**
Stem: **-G616**

G723

Diameter: **7/16"**
Length: **1-7/16"**
Stem: **-G723**

G714

Diameter: **7/16"**
Length: **7/8"**
Stem: **-G714**

T	Threaded Stem
Append stem code to part number	



Normally found on formed and welded metal furniture. Occasionally found on wood furniture and attached with a t-nut. [*only available on 50mm bodies]

T410*

Thread: **1/4*-20**
Length: **5/8"**
Stem: **-T410**

T508

Thread: **5/16-18**
Length: **1/2"**
Stem: **-T508**

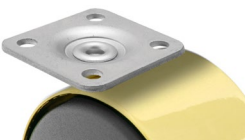
T516

Thread: **5/16-18**
Length: **1"**
Stem: **-T516**

T624

Thread: **3/8-24**
Length: **1-1/2"**
Stem: **-T624**

P	Top Plate
Append stem code to part number	



Excellent for retrofitting casters to existing furniture. So long as you have a flat surface, you can mount these casters.

P2424

Width: **1-1/2"**
Length: **1-1/2"**
Stem: **-P2424**

P1932

Width: **1-3/16"**
Length: **2"**
Stem: **-P1932**

W	Grip Neck (Wood) Stem
Append stem code to part number	



For solid wood furniture, there's really not a better attachment. Wood stem casters come complete with the necessary metal socket (shown on page 50).

W524

Diameter: **5/16"**
Length: **1-1/2"**
Stem: **-W524**

15 Series

Spherical Ball Furniture Casters
Capacity to 80 lbs

15 Series Spherical Ball Furniture casters feature a double ball bearing raceway and a variety of attractive finishes. 2" model is heat treated and threaded stem models feature an octagonal stem washer for easy installation.

Commonly found on store fixtures, furniture, office, and medical equipment

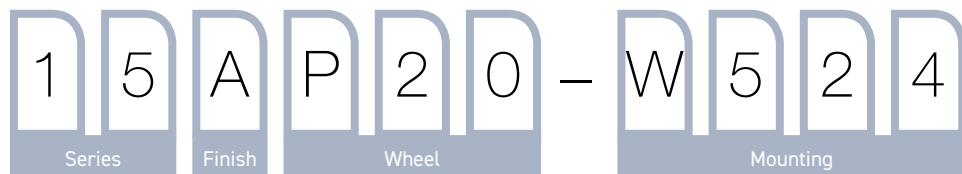
Series Specifications

Capacity	up to 80 lbs
Wheel Size	1-5/8" and 2"
Available Mounting Types	Grip Ring, Threaded, Grip Neck (Wood), Top Plate
Bearings	Plain
Brake Available?	No

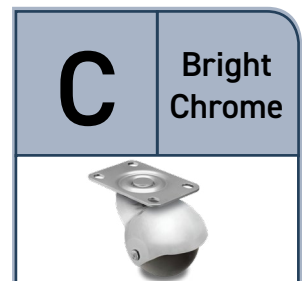
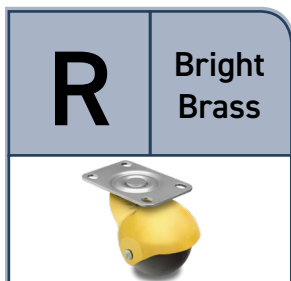


Building a Caster Part Number

To build your caster part number, use the series code 15 then add the finish code You'll find the wheel code in the wheel options section. Select your mounting from the next page and add the stem code to the end of the part number.



Finishes



15 Series

Spherical Ball Furniture Casters
Capacity to 80 lbs

Wheel Options

P	Polyolefin Plastic
Bearing: Plain	



An economical and durable wheel. Excellent for carpet or vinyl floors. Not recommended for use on hardwood floors.

2"
Cap: 80 lbs
OAH: 2-5/8"
Code: P20

S	Soft Rubber
Bearing: Plain	



Perfect for hard floors like tile, hardwood, and laminate. Will not scuff or mark floors.

1-5/8"
Cap: 70 lbs
OAH: 2-5/16"
Code: S16

Mounting Options

G	Grip Ring Stem
Append stem code to part number	



Commonly found on chairs, rotationally molded plastic furniture, and some extruded metal products. [*only available on 2" bodies]

G616*	G723	G714
Diameter: 3/8"	Diameter: 7/16"	Diameter: 7/16"
Length: 1"	Length: 1-7/16"	Length: 7/8"
Stem: -G616	Stem: -G723	Stem: -G714

T	Threaded Stem
Append stem code to part number	



Normally found on formed and welded metal furniture. Occasionally found on wood furniture and attached with a t-nut. [only available on 2" bodies]

T512	T516	T616*	T624*
Thread: 5/16-18	Thread: 5/16-18	Thread: 3/8-24	Thread: 3/8-24
Length: 3/4"	Length: 1"	Length: 1"	Length: 1-1/2"
Stem: -T512	Stem: -T516	Stem: -T616	Stem: -T624

P	Top Plate
Append stem code to part number	



Excellent for retrofitting casters to existing furniture. So long as you have a flat surface, you can mount these casters.

P1932
Width: 1-3/16"
Length: 2"
Stem: -P1932

W	Grip Neck (Wood) Stem
Append stem code to part number	



For solid wood furniture, there's really not a better attachment. Wood stem casters come complete with the necessary metal socket (shown on page 50).

W524
Diameter: 5/16"
Length: 1-1/2"
Stem: -W524

16 Series

Metal Ball Furniture Casters Capacity to 100 lbs

16 Series metal ball casters are made of die cast zinc. Featuring self-lubricating acetyl resin bearings and attractive finishes, these casters will give furniture a modern, clean look.

Available with either a hard metal or soft rubber tread. Soft rubber tread casters are safe for use on hardwood and ceramic tile floors.

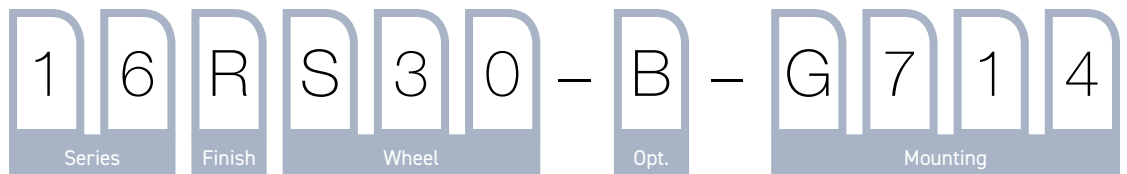
Series Specifications

Capacity	up to 100 lbs
Wheel Size	2", 2-1/4", 2-1/2", and 3"
Available Mounting Types	Grip Ring, Threaded, Grip Neck (Wood), Top Plate
Bearings	Self-lubricating acetyl resin
Brake Available?	Yes, on 2-1/2" and 3" bodies

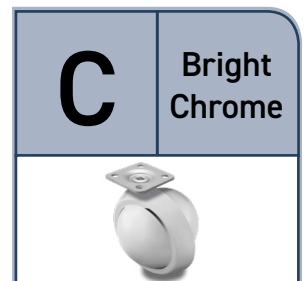
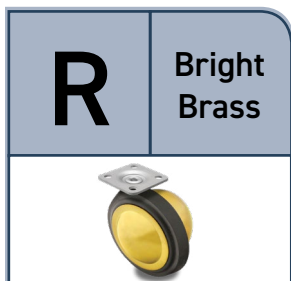


Building a Caster Part Number

To build your caster part number, use the series code 16 then add the finish code You'll find the wheel code in the wheel options section. Then add the brake indicator if you'd like a brake. Select your mounting from the next page and add the stem code to the end of the part number.



Finishes



16 Series

Metal Ball Furniture Casters
Capacity to 100 lbs

Wheel Options

H	Metal Tread
Bearing: Acetyl Resin	



An economical and durable wheel. Excellent for use on carpeted floors. Metal tread ball casters will damage hardwood and ceramic tile floors.

2"
Cap: **75 lbs**
OAH: **up to 2-1/2"**
Code: **H20**

2-1/2"
Cap: **100 lbs**
OAH: **up to 3"**
Code: **H25**

S	Soft Rubber Tread
Bearing: Acetyl Resin	



Perfect for hardfloors like tile, hardwood, and laminate. Will not scuff or mark floors.

2-1/4"
Cap: **75 lbs**
OAH: **up to 2-5/8"**
Code: **S22**

3"
Cap: **100 lbs**
OAH: **up to 3-3/16"**
Code: **S30**

Mounting Options

G	Grip Ring Stem
Append stem code to part number	



Commonly found on chairs, rotationally molded plastic furniture, and some extruded metal products. [*only available on 2" bodies]

G616*
Diameter: **3/8"**
Length: **1"**
Stem: **-G616**

G723
Diameter: **7/16"**
Length: **1-7/16"**
Stem: **-G723**

G714
Diameter: **7/16"**
Length: **7/8"**
Stem: **-G714**

T	Threaded Stem
Append stem code to part number	



Normally found on formed and welded metal furniture. Occasionally found on wood furniture and attached with a t-nut. [*Available on 2" and 2-1/4" bodies only.]

T410*
Thread: **1/4-20**
Length: **5/8"**
Stem: **-T410**

T508
Thread: **5/16-18**
Length: **1/2"**
Stem: **-T508**

T516
Thread: **5/16-18**
Length: **1"**
Stem: **-T516**

T624
Thread: **3/8-24**
Length: **1-1/2"**
Stem: **-T624**

P	Top Plate
Append stem code to part number	



Excellent for retrofitting casters to existing furniture. So long as you have a flat surface, you can mount these casters.

P2424
Width: **1-1/2"**
Length: **1-1/2"**
Stem: **-P2424**

P1932
Width: **1-3/16"**
Length: **2"**
Stem: **-P1932**

W	Grip Neck (Wood) Stem
Append stem code to part number	



For solid wood furniture, there's really not a better attachment. Wood stem casters come complete with the necessary metal socket (shown on page 50).

W524
Diameter: **5/16"**
Length: **1-1/2"**
Stem: **-W524**

20 Series

Light Duty Single Wheel Casters
Capacities to 150 lbs

20 Series light duty single wheel casters are perfect for light duty office and commercial carts and fixtures. Casters in this series feature floor protective wheels with plain bore bearings. Swivel sections are riveted double ball race.

Available with a variety of mounting and brake options.

Series Specifications

Capacity	up to 150 lbs
Wheel Size	2", 3", 4", 5" diameter x 13/16" to 15/16" tread width
Available Mounting Types	Grip Ring, Threaded Stem, Top Plate
Bearings	Plain Bore (P)



Options

Option Code	Description
TB	Tread Brake, 4" and 5" wheels only
CB	Cam Brake, 2" and 3" wheels only

Top Plate Sizes

Wheel Size	Top Plate	Bolt Holes
2"	2" x 1-13/16"	2" x 1-13/16"
3", 4", 5"	2-5/8" x 3-3/4"	1-3/4" x 2-3/4" to 3"

Building a Caster Part Number

To build your caster part number, use the base part number marked in the data block and add S for Swivel or R for Rigid and any options you would like. Multiple options can be appended, separate with a hyphen. Stem casters are swivel (S) only.



Stem Casters

2	0	T	R	P	4	0	S	-	T	6	2	4	-	T	B
Series		Wheel Material		Brg	Wheel Size		Rig		Stem Code					Options	



Plate Casters

2	0	T	R	P	4	0	S	-	T	B
Series		Wheel Material		Brg	Wheel Size		Rig		Options	

20 Series

Light Duty Single Wheel Casters
Capacities to 150 lbs

For rigid plate casters (3", 4", 5" only)
change **S** to **R**, ex. 20TRP30**R**

Wheel Options

TR

**Thermoplastic
Rubber
on Plastic**

Standard Bearing: Plain (P)



Quiet and smooth rolling, thermoplastic rubber wheels are floor protective and easy to start.

2"x13/16"

Cap: **80 lbs**
OAH: **2-5/8"**
PN: **20TRP20S**

3"x13/16"

Cap: **110 lbs**
OAH: **3-1/2"**
PN: **20TRP30S**

4"x15/16"

Cap: **125 lbs**
OAH: **4-3/4"**
PN: **20TRP40S**

5"x15/16"

Cap: **130 lbs**
OAH: **5-3/4"**
PN: **20TRP50S**

SR

Soft Rubber

Standard Bearing: Plain (P)



Durable and easy to roll, soft rubber wheels are excellent for indoor or outdoor applications.

2"x13/16"

Cap: **80 lbs**
OAH: **2-5/8"**
PN: **20SRP20S**

3"x13/16"

Cap: **110 lbs**
OAH: **3-1/2"**
PN: **20SRP30S**

4"x15/16"

Cap: **125 lbs**
OAH: **4-3/4"**
PN: **20SRP40S**

5"x15/16"

Cap: **130 lbs**
OAH: **5-3/4"**
PN: **20SRP50S**

PO

**Polypropylene
Plastic**

Standard Bearing: Plain (P)



Solid polypropylene plastic wheels are ideal for wash-down and wet environments.

2"x13/16"

Cap: **90 lbs**
OAH: **2-5/8"**
PN: **20POP20S**

3"x13/16"

Cap: **120 lbs**
OAH: **3-1/2"**
PN: **20POP30S**

4"x15/16"

Cap: **150 lbs**
OAH: **4-3/4"**
PN: **20POP40S**

5"x15/16"

Cap: **150 lbs**
OAH: **5-3/4"**
PN: **20POP50S**

Stem Mounting Options

G

**Grip Ring
Stem**

Append stem code to part number



Commonly found on chairs, rotationally molded plastic furniture, and some extruded metal products.

G714

Diameter: **7/16"**
Length: **7/8"**
Stem: **-G714**

G723

Diameter: **7/16"**
Length: **1-7/16"**
Stem: **-G723**

G732

Diameter: **7/16"**
Length: **2"**
Stem: **-G732**

T

**Threaded
Stem**

Append stem code to part number



Normally found on formed and welded metal furniture.

T624

Thread: **3/8-16**
Length: **1-1/2"**
Stem: **-T624**

T736

Thread: **7/16-14**
Length: **2-1/4"**
Stem: **-T736**

T824

Thread: **1/2-13**
Length: **1-1/2"**
Stem: **-T824**

T845

Thread: **1/2-13**
Length: **2-13/16"**
Stem: **-T845**

22 Series

Institutional Stem Casters
Capacity to 325 lbs

The 22 Series Institutional Stem Casters feature high quality, durable, and quiet wheels and optional total lock brakes. A variety of mounting options are available. Total lock brakes provide positive braking of both the wheel and the swivel section.

High quality wheels featuring precision ball bearings and optional delrin bearings make this series versatile and universal.

Series Specifications

Capacity	up to 325 lbs
Wheel Size	3½", 4", 5" diameter x 1-1/4" tread width
Bearings	Precision Ball (B), Delrin (D)



Options

Option Code	Description
TB	Tread Brake
TLB	Total Lock Brake
SS	Stainless Steel, add to front of part number

Grip Ring and Threaded Stems

Stem Code	Description
G724	Grip Ring Stem, 7/16" x 1-1/2"
T824	Threaded Stem, 1/2-13UNC x 1-1/2"
T1024	Threaded Stem, 5/8-11UNC x 1-1/2"

More options are available, contact us!

Expanding Adapter Stems

Stem Code	Description
EXRD1213	Round, 3/4" to 13/16" diameter
EXRD1415	Round, 7/8" to 15/16" diameter
EXRD1617	Round, 1" to 1-1/16" diameter
EXRD1819	Round, 1-1/8" to 1-3/16" diameter
EXRD2021	Round, 1-1/4" to 1-5/16" diameter
EXRD2223	Round, 1-3/8" to 1-7/16" diameter
EXRD2425	Round, 1-1/2" to 1-9/16" diameter
EXRD2627	Round, 1-5/8" to 1-11/16" diameter
EXSQ1415	Square, 7/8" to 15/16"
EXSQ1617	Square, 1" to 1-1/16"
EXSQ1819	Square, 1-1/8" to 1-3/16"
EXSQ2021	Square, 1-1/4" to 1-5/16"
EXSQ2223	Square, 1-3/8" to 1-7/16"

Building a Caster Part Number

To build your caster part number, use the base part number marked in the data block and add S for Swivel, there are no rigid casters in this series, then add a stem code from the stems or expanding adapters above. Append the part number with a brake, if desired.



2	2	P	P	B	4	0	S	—	G	7	2	4	—	T	B
Series		Wheel Material	Brg	Wheel Size	Rig				Stem Code					Options	

22 Series

Institutional Stem Casters
Capacity to 325 lbs

TR

Thermoplastic Rubber

Standard Bearing: Precision Ball (B)
Optional Bearings: Delrin (D)



Quiet and smooth rolling, thermoplastic rubber wheels are floor protective and easy to start. Flat tread adds capacity.

3½"x1¼"

Cap: **250 lbs**
OAH: **4-11/16"**
PN: **22TRB35S**

4"x1¼"

Cap: **300 lbs**
OAH: **5-1/8"**
PN: **22TRB40S**

5"x1¼"

Cap: **325 lbs**
OAH: **6-3/16"**
PN: **22TRB50S**

PP

Polyurethane on Plastic

Standard Bearing: Precision Ball (B)
Optional Bearings: Delrin (D)



Durable and easy to roll, polyurethane wheels are excellent for indoor or outdoor applications.

3½"x1¼"

Cap: **250 lbs**
OAH: **4-11/16"**
PN: **22PPB35S**

4"x1¼"

Cap: **275 lbs**
OAH: **5-1/8"**
PN: **22PPB40S**

5"x1¼"

Cap: **300 lbs**
OAH: **6-3/16"**
PN: **22PPB50S**

PO

Polypropylene Plastic

Standard Bearing: Delrin (D)
Optional Bearing: Precision Ball (B)



Solid polypropylene plastic wheels are ideal for wash-down and wet environments. When paired with stainless steel, they can handle almost any environment.

3½"x1¼"

Cap: **230 lbs**
OAH: **4-11/16"**
PN: **22POD35S**

4"x1¼"

Cap: **275 lbs**
OAH: **5-1/8"**
PN: **22POD40S**

5"x1¼"

Cap: **300 lbs**
OAH: **6-3/16"**
PN: **22POD50S**

Mounting Options



Grip Ring Stems

Most commonly found on injection or rotationally molded plastic equipment, some wood casework, and commercial furniture. Retains with a ring clip and clearance fit.



Expanding Adapter

Use on round or square metal or plastic tube stock. Adapter expand to create a friction fit with the inside diameter of the material.



Threaded Stems

Used on commercially distributed and custom fabricated equipment.

32 Series

Institutional Plate Casters
Capacity to 300 lbs

Our 32 Series casters are a great fit for so many applications, including: food service carts, light duty industrial carts, automotive service equipment, and toolboxes.

Many wheels feature integral precision ball bearings and high quality polymer treads, like polyurethane or thermoplastic rubber. These casters will quietly and effortlessly move through your facility.

Series Specifications

Capacity	up to 300 lbs
Wheel Size	3", 3½", 4", 5" diameter x 1-3/8" tread width
Top Plate Size	2-1/2" x 3-5/8"
Bolt Hole Spacing	1-3/4" x 2-13/16" slotted to 3-1/16"
Bearings	Precision Ball (B), Delrin (D), Plain (P)



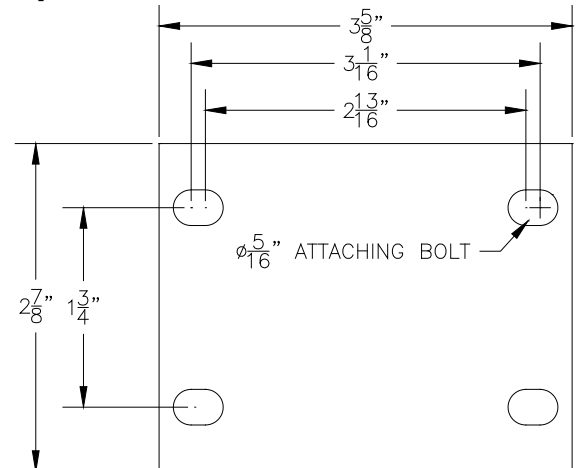
Options

Option Code	Description
TB	Tread Brake (swivel only)

Optional Top Plates

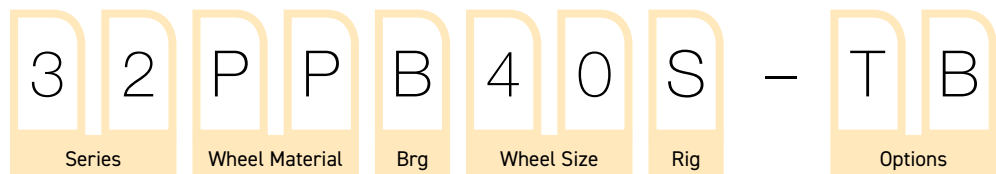
Series Code	Size
31	3-3/4" x 4-5/8", Bolts 3" x 3" (nominal)
33	3-1/8" x 4-1/8", Bolts 2-3/8" x 3-13/32"

Top Plate



Building a Caster Part Number

To build your caster part number, use the base part number marked in the data block and add S for Swivel or R for Rigid and any options you would like. To change to an optional top plate, change the 32 to an alternate series code as listed above.



32 Series

Institutional Plate Casters
Capacity to 300 lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 32TRB42**R**

TR

**Thermoplastic
Rubber
on Plastic**

Standard Bearing: Precision Ball (B)
Optional Bearings: Delrin (D)



Quiet and smooth rolling, thermoplastic rubber wheels are floor protective and easy to start.

3"x1¼"

Cap: 225 lbs
OAH: 3-13/16"
PN: 32TRB30S

3½"x1¼"

Cap: 250 lbs
OAH: 4-3/4"
PN: 32TRB35S

4"x1¼"

Cap: 300 lbs
OAH: 5"
PN: 32TRB40S

5"x1¼"

Cap: 300 lbs
OAH: 6-1/8"
PN: 32TRB50S

PP

**Polyurethane
on Plastic**

Standard Bearing: Precision Ball (B)
Optional Bearings: Delrin (D)



Durable and easy to roll, polyurethane wheels are excellent for indoor or outdoor applications.

3"x1¼"

Cap: 225 lbs
OAH: 3-13/16"
PN: 32PPB30S

3½"x1¼"

Cap: 250 lbs
OAH: 4-3/4"
PN: 32PPB35S

4"x1¼"

Cap: 300 lbs
OAH: 5"
PN: 32PPB40S

5"x1¼"

Cap: 300 lbs
OAH: 6-1/8"
PN: 32PPB50S

PO

**Polypropylene
Plastic**

Standard Bearing: Plain (P)



Solid polypropylene plastic wheels are ideal for wash-down and wet environments.

3"x1¼"

Cap: 225 lbs
OAH: 3-13/16"
PN: 32POP30S

3½"x1¼"

Cap: 250 lbs
OAH: 4-3/4"
PN: 32POP35S

4"x1¼"

Cap: 300 lbs
OAH: 5"
PN: 32POP40S

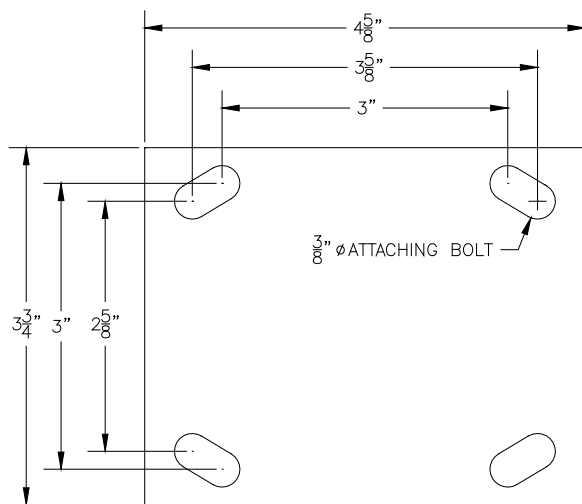
5"x1¼"

Cap: 300 lbs
OAH: 6-1/8"
PN: 32POP50S

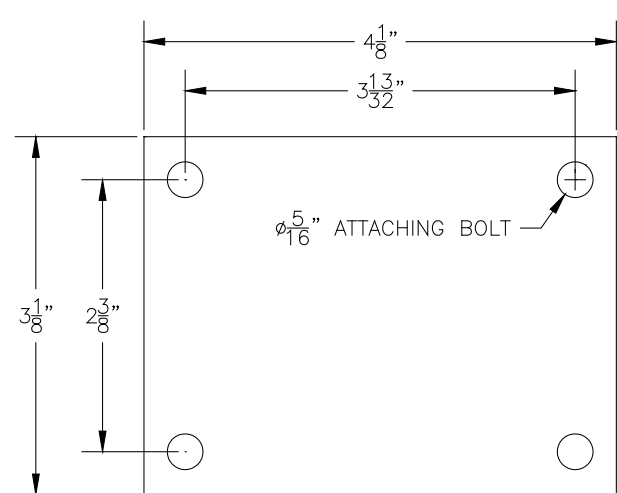
Optional Top Plates

Available for 3½", 4", and 5" casters.

31 Series Top Plate



33 Series Top Plate



34 Series

Premium Institutional Plate Casters
Capacity to 325 lbs

The 34 Series Premium Institutional Plate Casters feature high quality, durable, and quiet wheels and optional total lock brakes. Total lock brakes provide positive braking of both the wheel and the swivel section.

High quality wheels featuring precision ball bearings and optional delrin bearings make this series versatile and universal.

Series Specifications

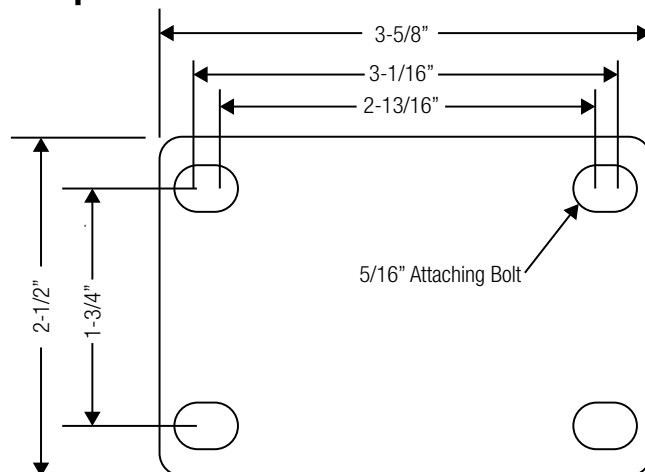
Capacity	up to 325 lbs
Wheel Size	3½", 4", 5" diameter x 1-1/4" tread width
Top Plate Size	2-1/2" x 3-5/8"
Bolt Hole Spacing	1-3/4" x 2-13/16" slotted to 3-1/16", 5/16" bolt
Bearings	Precision Ball (B), Delrin (D)

Options

Option Code	Description
TB	Tread Brake
TLB	Total Lock Brake
SS	Stainless Steel, add to front of part number

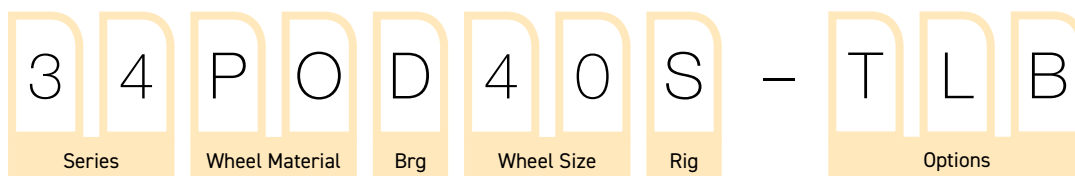


Top Plate



Building a Caster Part Number

To build your caster part number, use the base part number marked in the data block and add S for Swivel or R for Rigid and any options you would like.



34 Series

Premium Institutional Plate Casters
Capacity to 325 lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 34TRB42**R**

TR

Thermoplastic Rubber

Standard Bearing: Precision Ball (B)
Optional Bearings: Delrin (D)



Quiet and smooth rolling, thermoplastic rubber wheels are floor protective and easy to start. Flat tread adds capacity.

3½"x1¼"

Cap: **250 lbs**
OAH: **4-11/16"**
PN: **34TRB35S**

4"x1¼"

Cap: **300 lbs**
OAH: **5-1/8"**
PN: **34TRB40S**

5"x1¼"

Cap: **325 lbs**
OAH: **6-3/16"**
PN: **34TRB50S**

PP

Polyurethane on Plastic

Standard Bearing: Precision Ball (B)
Optional Bearings: Delrin (D)



Durable and easy to roll, polyurethane wheels are excellent for indoor or outdoor applications.

3½"x1¼"

Cap: **250 lbs**
OAH: **4-11/16"**
PN: **34PPB35S**

4"x1¼"

Cap: **275 lbs**
OAH: **5-1/8"**
PN: **34PPB40S**

5"x1¼"

Cap: **300 lbs**
OAH: **6-3/16"**
PN: **34PPB50S**

PO

Polypropylene Plastic

Standard Bearing: Delrin (D)
Optional Bearing: Precision Ball (B)



Solid polypropylene plastic wheels are ideal for wash-down and wet environments. When paired with stainless steel, they can handle almost any environment.

3½"x1¼"

Cap: **230 lbs**
OAH: **4-11/16"**
PN: **34POD35S**

4"x1¼"

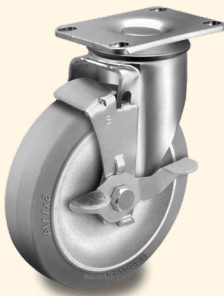
Cap: **275 lbs**
OAH: **5-1/8"**
PN: **34POD40S**

5"x1¼"

Cap: **300 lbs**
OAH: **6-3/16"**
PN: **34POD50S**

Brake Options

Available on swivel models only.



Tread Brake

Tread brakes secure casters from rolling by applying positive force the tread of the wheel. They are activated by a foot pedal on the side of the caster.



Total Lock Brake

Total lock brakes secure casters from rolling and swiveling. They do this by applying positive pressure to the tread of the wheel and locking the swivel section. They are activated by a foot pedal on the trailing end of the caster.

30 Series

General Duty Dolly Casters
Capacity to 450 lbs

Our 30 Series General Duty Dolly Casters are great for shop equipment and, well, dollies. They feature high capacities, a wide variety of tread materials, and low overall heights relative to their size.

Top plates vary by wheel size and rig type, see chart for exact bolt hole pattern and top plate dimensions. Available with an optional cam brake. All bearings are plain bore.

Series Specifications

Capacity	up to 450 lbs
Wheel Size	2", 2-1/2", 3", 4" diameter x varying tread widths
Available Mounting Types	Top Plate
Bearings	Plain (P)



Options

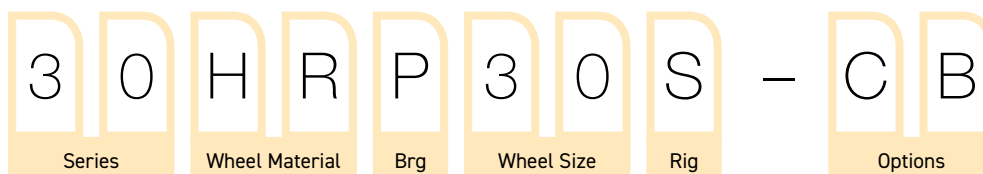
Option Code	Description
CB	Cam Brake, swivel only

Top Plate Sizes

Wheel Diameter	Swivel Plate	Rigid Plate	Bolt Size
2"	1-7/8" x 2-9/16", Bolts 15/16" x 2-1/8"	1-1/2" x 2-21/32", Bolts 15/16" x 2-1/8"	1/4"
2½"	2-3/4" x 3-13/16", Bolts 1-3/4" x 3"	2-1/4" x 4-7/16", Bolts 1-1/16" x 3-1/2"	5/16"
3"	3-1/8" x 4-1/8", Bolts 2-3/8" x 3-3/8"	2-1/2" x 4-15/16", Bolts 1-3/16" x 4"	5/16"
4"	4" x 5-1/8", Bolts 3" x 4"	3-1/8" x 6-1/4", Bolts 1-3/4" x 5"	3/8"

Building a Caster Part Number

To build your caster part number, use the base part number marked in the data block and add S for Swivel or R for Rigid and if you would like an optional brake.



30 Series

General Duty Dolly Casters
Capacity to 450 lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 30POP40**R**

HR

Hard Rubber

Standard Bearing: Plain (P)
Optional Bearings: None



Hard rubber wheels offer high capacity and floor protection at an economical price point.

2" x 13/16"

Cap: **150 lbs**
OAH: **2-1/2"**
PN: **30HRP20S**

2½" x 1-1/8"

Cap: **200 lbs**
OAH: **3-1/4"**
PN: **30HRP25S**

3" x 1¼"

Cap: **270 lbs**
OAH: **3-13/16"**
PN: **30HRP30S**

4" x 1-3/8"

Cap: **350 lbs**
OAH: **5"**
PN: **30HRP40S**

SR

Soft Rubber

Standard Bearing: Plain (P)
Optional Bearings: None



Soft rubber wheels provide a quieter, cushioned ride for more sensitive loads or environments.

2" x 13/16"

Cap: **90 lbs**
OAH: **2-1/2"**
PN: **30SRP20S**

2½" x 1-1/8"

Cap: **100 lbs**
OAH: **3-1/4"**
PN: **30SRP25S**

3" x 1¼"

Cap: **175 lbs**
OAH: **3-13/16"**
PN: **30SRP30S**

4" x 1-3/8"

Cap: **225 lbs**
OAH: **5"**
PN: **30SRP40S**

PO

Polypropylene Plastic

Standard Bearing: Plain (P)
Optional Bearings: None



Solid polypropylene plastic wheels are ideal for wash-down and wet environments.

2" x 13/16"

Cap: **150 lbs**
OAH: **2-1/2"**
PN: **30POP20S**

2½" x 1-1/8"

Cap: **200 lbs**
OAH: **3-1/4"**
PN: **30POP25S**

3" x 1¼"

Cap: **270 lbs**
OAH: **3-13/16"**
PN: **30POP30S**

4" x 1-3/8"

Cap: **350 lbs**
OAH: **5"**
PN: **30POP40S**

CI

Sintered (Cast) Iron

Standard Bearing: Plain (P)
Optional Bearings: None



High capacity at a low price, Cast Iron wheels are ideal for heavy loads in industrial environments. May damage floors.

2" x 13/16"

Cap: **150 lbs**
OAH: **2-1/2"**
PN: **30CIP20S**

2½" x 1-1/8"

Cap: **200 lbs**
OAH: **3-1/4"**
PN: **30CIP25S**

3" x 1¼"

Cap: **300 lbs**
OAH: **3-13/16"**
PN: **30CIP30S**

4" x 1-3/8"

Cap: **450 lbs**
OAH: **5"**
PN: **30CIP40S**

44 Series

Medium Duty Industrial Casters
Capacity to 1,250lbs

44 Series Medium Duty Industrial Casters are used in a wide range of industries on an equally diverse breadth of applications. A great all around caster, they are commonly found on equipment like platform trucks, shop carts, u-boats, industrial equipment, custom fabricated equipment, and much more.

44 Series Specifications

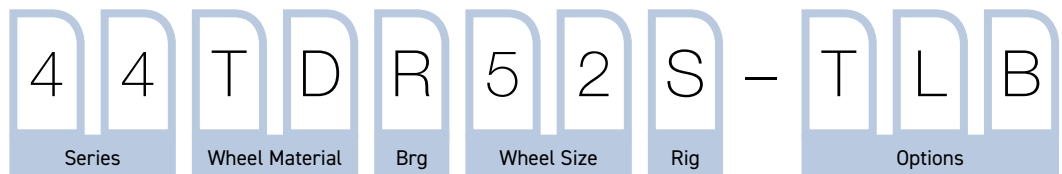
Capacity	up to 1,250 lbs
Wheel Size	4", 5", 6", 8" diameter x 2" tread width
Top Plate Size	4" x 4-1/2"
Bolt Hole Spacing	2-5/8" x 3-5/8" slotted to 3" x 3", 3/8" bolt
Bearings Avail.	Roller (R), Ball (B), Delrin (D), Caged (C)

44 Series Options

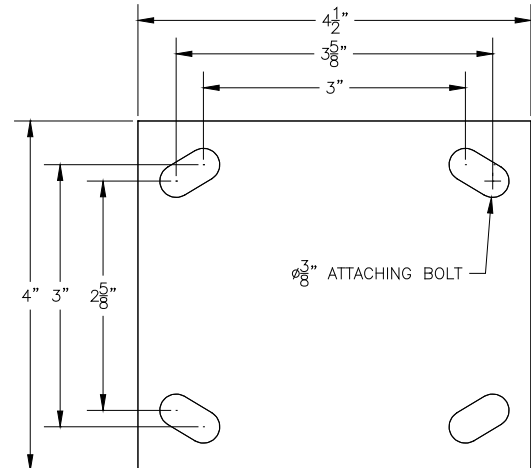
Option Code	Description
SLFI	Swivel Lock, field installable
CB	Cam Brake (incompatible with ball bearing)
FB	Face Brake
TB	Tread Brake
TLB	Total Lock Brake
GS	Grease Seals, swivel section
SS	Stainless Steel, rigs and bearings, add to front of part number
712	7-1/2" overall height, 6" models
43	43 Top plate, change 44 to 43 in part number. Top plate: 5" x 5-1/2"; Bolt Holes: 4-1/8" x 4-1/2"; Bolt: 3/8"

Building a Caster Part Number

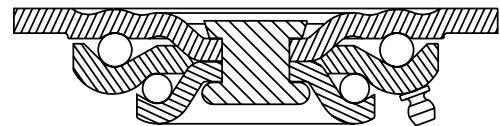
To build your caster part number, use the base part number marked in the data block and add S for Swivel or R for Rigid and any options listed above you would like. To add multiple options, like a brake and swivel lock, add the codes to the end and separate with a hyphen.



Top Plate



Swivel Cross Section



44 Series

Medium Duty Industrial Casters
Capacity to 1,250lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 44TRR42**R**

RI	Rubber on Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Economical, quiet wheel ideal for use on platform trucks or stock dollies. Floor protective, may leave rubber scuffs when skidded. Capacity to 500 lbs.

4"x2"

Cap: **350 lbs**
OAH: **5-5/8"**
PN: **44RIR42S**

5"x2"

Cap: **400 lbs**
OAH: **6-1/2"**
PN: **44RIR52S**

6"x2"

Cap: **500 lbs**
OAH: **7-1/4"**
PN: **44RIR62S**

8"x2"

Cap: **600 lbs**
OAH: **9-1/2"**
PN: **44RIR82S**

TR	Flat Tread Thermoplastic Rubber
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Flat tread thermoplastic rubber wheels provide smooth and quiet operation. They are safe for use on all floors. Capacity to 675 lbs.

4"x2"

Cap: **400 lbs**
OAH: **5-5/8"**
PN: **44TRR42S**

5"x2"

Cap: **500 lbs**
OAH: **6-1/2"**
PN: **44TRR52S**

6"x2"

Cap: **500 lbs**
OAH: **7-1/4"**
PN: **44TRR62S**

8"x2"

Cap: **675 lbs**
OAH: **9-1/2"**
PN: **44TRR82S**

TD	Round Tread Thermoplastic Rubber
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Round tread thermoplastic rubber wheels provide smooth and quiet operation. The aggressive crown tread provides for easy starts and steering. Capacity to 600 lbs.

4"x2"

Cap: **400 lbs**
OAH: **5-5/8"**
PN: **44TDR42S**

5"x2"

Cap: **425 lbs**
OAH: **6-1/2"**
PN: **44TDR52S**

6"x2"

Cap: **450 lbs**
OAH: **7-1/4"**
PN: **44TDR62S**

8"x2"

Cap: **600 lbs**
OAH: **9-1/2"**
PN: **44TDR82S**

PP	Polyurethane on Plastic
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



A great all around wheel. Floor protective, chemically resistant, and high capacity. Capacity to 1,000 lbs.

4"x2"

Cap: **600 lbs**
OAH: **5-5/8"**
PN: **44PPR42S**

5"x2"

Cap: **750 lbs**
OAH: **6-1/2"**
PN: **44PPR52S**

6"x2"

Cap: **900 lbs**
OAH: **7-1/4"**
PN: **44PPR62S**

8"x2"

Cap: **1,000 lbs**
OAH: **9-1/2"**
PN: **44PPR82S**

PI	Polyurethane on Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Durable, high capacity wheels that fit almost any budget. Polyurethane tread is floor protective and non-scuffing. Capacity to 1,250 lbs

4"x2"

Cap: **700 lbs**
OAH: **5-5/8"**
PN: **44PIR42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **44PIR52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/4"**
PN: **44PIR62S**

8"x2"

Cap: **1,250 lbs**
OAH: **9-1/2"**
PN: **44PIR82S**

PA	Polyurethane on Aluminum
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Chemical and corrosion resistant, high capacity, and floor protection. Capacity to 1,250 lbs.

4"x2"

Cap: **700 lbs**
OAH: **5-5/8"**
PN: **44PAR42S**

5"x2"

Cap: **1,050 lbs**
OAH: **6-1/2"**
PN: **44PAR52S**

6"x2"

Cap: **1,230 lbs**
OAH: **7-1/4"**
PN: **44PAR62S**

8"x2"

Cap: **1,250 lbs**
OAH: **9-1/2"**
PN: **44PAR82S**

44 Series

Medium Duty Industrial Casters Capacity to 1,250lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 44TRR42**S**

XM	Advanced Ergonomic
Standard Bearing: Ball (B) Optional Bearings: None	



Easy to push, effortless rolling, and standard precision bearings. Excellent for manual push and towing applications (consult us about towing). Capacity to 1,250 lbs.

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **44XMB42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **44XMB52S**

6"x2"

Cap: **1,250 lbs**
OAH: **7-1/4"**
PN: **44XMB62S**

8"x2"

Cap: **1,250 lbs**
OAH: **9-1/2"**
PN: **44XMB82S**

SU	Solid Polyurethane
Standard Bearing: Caged (C) Optional Bearings: Ball (B), Delrin (D)	



Easy to roll and high capacity, solid urethane wheels are also floor protective and relatively quiet. Capacity to 1,250 lbs.

4"x2"

Cap: **700 lbs**
OAH: **5-5/8"**
PN: **44SUC42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **44SUC52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/4"**
PN: **44SUC62S**

8"x2"

Cap: **1,250 lbs**
OAH: **9-1/2"**
PN: **44SUC82S**

SE	Solid Elastomer
Standard Bearing: Ball (B) Optional Bearings: None	



Great for shock loading and towline applications. Smooth rolling and easy to start. Capacity to 1,250 lbs.

4"x2"

Cap: **1,050 lbs**
OAH: **5-5/8"**
PN: **44SEB42S**

5"x2"

Cap: **1,200 lbs**
OAH: **6-1/2"**
PN: **44SEB52S**

6"x2"

Cap: **1,250 lbs**
OAH: **7-1/4"**
PN: **44SEB62S**

8"x2"

Cap: **1,250 lbs**
OAH: **9-1/2"**
PN: **44SEB82S**

PO	Polypropylene Plastic
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



One piece plastic wheel ideal for use in wet and chemical environments. Polypropylene is non reactive and non marking. Capacities to 800 lbs.

4"x2"

Cap: **450 lbs**
OAH: **5-5/8"**
PN: **44POR42S**

5"x2"

Cap: **550 lbs**
OAH: **6-1/2"**
PN: **44POR52S**

6"x2"

Cap: **650 lbs**
OAH: **7-1/4"**
PN: **44POR62S**

8"x2"

Cap: **800 lbs**
OAH: **9-1/2"**
PN: **44POR82S**

GP	Reinforced Polypropylene
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



High capacity and impact resistant, Reinforced Polypropylene wheels are great for abusive applications. Capacities to 1,250 lbs.

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **44GPR42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **44GPR52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/4"**
PN: **44GPR62S**

8"x2"

Cap: **1,250 lbs**
OAH: **9-1/2"**
PN: **44GPR82S**

PN	Phenolic
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Inexpensive and durable, Phenolic wheels are high capacity and floor protective. Do not use in wet or moist applications. Capacity to 1,250 lbs.

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **44PNR42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **44PNR52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/4"**
PN: **44PNR62S**

8"x2"

Cap: **1,250 lbs**
OAH: **9-1/2"**
PN: **44PNR82S**

44 Series

Medium Duty Industrial Casters
Capacity to 1,250lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 44TRR42**R**

CI	Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



High capacity at a low price, Cast Iron wheels are ideal for heavy loads in industrial environments. May damage floors. Capacity to 1,250 lbs.

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **44CIR42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **44CIR52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/4"**
PN: **44CIR62S**

8"x2"

Cap: **1,250 lbs**
OAH: **9-1/2"**
PN: **44CIR82S**

VI	V-Groove Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Designed to ride on inverted angle-iron track, v-groove cast iron wheels are ideal for transfer carts, shuttle conveyors, and other process equipment. Capacity to 1,000 lbs

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **44VIR42R**

5"x2"

Cap: **800 lbs**
OAH: **6-1/2"**
PN: **44VIR52R**

6"x2"

Cap: **1,000 lbs**
OAH: **7-1/4"**
PN: **44VIR62R**

8"x2"

Cap: **1,200 lbs**
OAH: **9-1/2"**
PN: **44VIR8R**

Stainless steel casters

All of our caster series feature corrosion resistant plating or paint. Zinc plating is the most common, it provides reasonable protection against oxidation. However, in caustic or very wet applications, it does not perform well. That's when we recommend stainless steel.

Our customer, a fabricator of custom stainless equipment, was approached by a pharmaceutical manufacturer. They needed to design an FDA-compliant, auto-clave capable cart. The cart had to withstand 270°F pressurized steam so that its surfaces could be disinfected.

To find out more about how our stainless steel casters helped solve this problem, read the case study on our website: <http://ccefi.co/AutoClave>

Find out more!

<http://ccefi.co/AutoClave>



50 Series

Medium Heavy Duty Industrial Casters
Capacity to 1,500 lbs

50 Series Medium Heavy Duty Industrial Casters have higher capacities at an excellent value. They feature cold forged steel construction and heat treated swivel raceways. Commonly found on industrial and shop equipment. Our entire selection of 2" wide wheels is available on this series!

50 Series Specifications

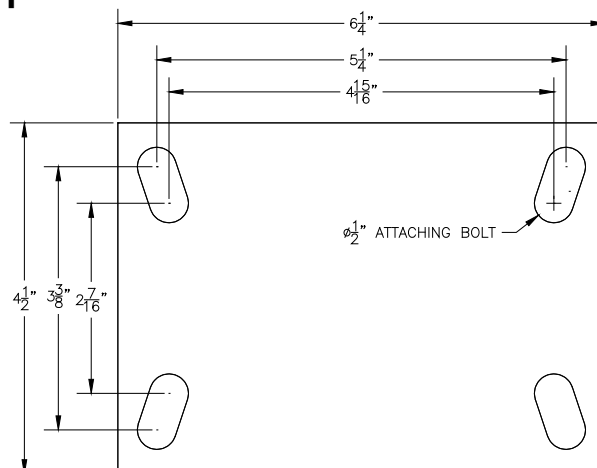
Capacity	up to 1,500 lbs
Wheel Size	4", 5", 6", 8" diameter x 2" tread width
Top Plate Size	4-1/2" x 6-1/4"
Bolt Hole Spacing	2-7/16" x 4-15/16" slotted to 3-3/8" x 5-1/4", 1/2" bolt
Bearings Avail.	Roller (R), Ball (B), Delrin (D), Caged (C)

50 Series Options

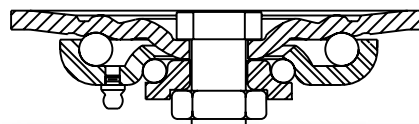
Option Code	Description
SLFI	Swivel Lock, field installable
CB	Cam Brake, incompatible with ball bearing
FB	Face Brake
FBB	HD Face Brake
734	7-3/4" Overall Height (6" x 2" models)



Top Plate



Swivel Cross Section



Building a Caster Part Number

To build your caster part number, use the base part number marked in the data block and add S for Swivel or R for Rigid and any options listed above you would like. To add multiple options, like a brake and swivel lock, add the codes to the end and separate with a hyphen.



50 Series

Medium Heavy Duty Industrial Casters
Capacity to 1,500 lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 50TRR42**R**

PP

**Polyurethane
on Plastic**

Standard Bearing: Roller (R)
Optional Bearings: Ball (B), Delrin (D)



A great all around wheel. Floor protective, chemically resistant, and high capacity. Capacity to 1,000 lbs.

4"x2"

Cap: **600 lbs**
OAH: **5-5/8"**
PN: **50PPR42S**

5"x2"

Cap: **750 lbs**
OAH: **6-1/2"**
PN: **50PPR52S**

6"x2"

Cap: **900 lbs**
OAH: **7-1/2"**
PN: **50PPR62S**

8"x2"

Cap: **1,000 lbs**
OAH: **10-1/8"**
PN: **50PPR82S**

PI

**Polyurethane
on Iron**

Standard Bearing: Roller (R)
Optional Bearings: Ball (B), Delrin (D)



Durable, high capacity wheels that fit almost any budget. Polyurethane tread is floor protective and non-scuffing. Capacity to 1,500 lbs

4"x2"

Cap: **700 lbs**
OAH: **5-5/8"**
PN: **50PIR42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **50PIR52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/2"**
PN: **50PIR62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **50PIR82S**

PA

**Polyurethane
on Aluminum**

Standard Bearing: Roller (R)
Optional Bearings: Ball (B), Delrin (D)



Chemical and corrosion resistant, high capacity, and floor protection. Capacity to 1,500 lbs.

4"x2"

Cap: **700 lbs**
OAH: **5-5/8"**
PN: **50PAR42S**

5"x2"

Cap: **1,050 lbs**
OAH: **6-1/2"**
PN: **50PAR52S**

6"x2"

Cap: **1,230 lbs**
OAH: **7-1/2"**
PN: **50PAR62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **50PAR82S**

SE

**Solid
Elastomer**

Standard Bearing: Ball (B)
Optional Bearings: None



Great for shock loading and towline applications. Smooth rolling and easy to start. Capacity to 1,500 lbs.

4"x2"

Cap: **1,050 lbs**
OAH: **5-5/8"**
PN: **50SEB42S**

5"x2"

Cap: **1,200 lbs**
OAH: **6-1/2"**
PN: **50SEB52S**

6"x2"

Cap: **1,250 lbs**
OAH: **7-1/2"**
PN: **50SEB62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **50SEB82S**

SU

**Solid
Polyurethane**

Standard Bearing: Caged (C)
Optional Bearings: Ball (B), Delrin (D)



Easy to roll and high capacity, solid urethane wheels are also floor protective and relatively quiet. Capacity to 1,500 lbs.

4"x2"

Cap: **700 lbs**
OAH: **5-5/8"**
PN: **50SUC42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **50SUC52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/2"**
PN: **50SUC62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **50SUC82S**

NX

Solid Nylon

Standard Bearing: Precision Ball (B)
Optional Bearings: None



High impact polymer wheels are excellent for heavy-duty, abusive applications. Solid nylon wheels are resistant to most chemicals and corrosion. Capacity to 1,500 lbs

4"x2"

Cap: **1,500 lbs**
OAH: **5-5/8"**
PN: **50NXB42S**

5"x2"

Cap: **1,500 lbs**
OAH: **6-1/2"**
PN: **50NXB52S**

6"x2"

Cap: **1,500 lbs**
OAH: **7-1/2"**
PN: **50NXB62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **50NXB82S**

50 Series

Medium Heavy Duty Industrial Casters
Capacity to 1,500 lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 50TRR42**S**

XM	Advanced Ergonomic
Standard Bearing: Ball (B) Optional Bearings: None	



Easy to push, effortless rolling, and standard precision bearings. Excellent for manual push and towing applications (consult us about towing). Capacity to 1,500 lbs.

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **50XMB42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **50XMB52S**

6"x2"

Cap: **1,250 lbs**
OAH: **7-1/2"**
PN: **50XMB62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **50XMB82S**

GP	Reinforced Polypropylene
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



High capacity and impact resistant, Reinforced Polypropylene wheels are great for abusive applications. Capacities to 1,500 lbs.

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **50GPR42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **50GPR52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/2"**
PN: **50GPR62S**

8"x2"

Cap: **1,400 lbs**
OAH: **10-1/8"**
PN: **50GPR82S**

PN	Phenolic
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Inexpensive and durable, Phenolic wheels are high capacity and floor protective. Do not use in wet or moist applications. Capacity to 1,500 lbs.

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **50PNR42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **50PNR52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/2"**
PN: **50PNR62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **50PNR82S**

RI	Rubber on Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Economical, quiet wheel ideal for use on platform trucks or stock dollies. Floor protective, may leave rubber scuffs when skidded. Capacity to 500 lbs.

4"x2"

Cap: **350 lbs**
OAH: **5-5/8"**
PN: **50RIR42S**

5"x2"

Cap: **400 lbs**
OAH: **6-1/2"**
PN: **50RIR52S**

6"x2"

Cap: **410 lbs**
OAH: **7-1/2"**
PN: **50RIR62S**

8"x2"

Cap: **500 lbs**
OAH: **10-1/8"**
PN: **50RIR82S**

TR	Thermoplastic Rubber on Polypropylene
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Flat tread thermoplastic rubber wheels provide smooth and quiet operation. They are safe for use on all floors. Capacity to 675 lbs.

4"x2"

Cap: **350 lbs**
OAH: **5-5/8"**
PN: **50TRR42S**

5"x2"

Cap: **375 lbs**
OAH: **6-1/2"**
PN: **50TRR52S**

6"x2"

Cap: **600 lbs**
OAH: **7-1/2"**
PN: **50TRR62S**

8"x2"

Cap: **675 lbs**
OAH: **10-1/8"**
PN: **50TRR82S**

FS	Forged Steel
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Forged steel wheels provide the highest capacity, greatest impact strength, and easiest rollability. Wheels are die-formed from pre-heated billets. Capacity to 1,500 lbs.

4"x1½"

Cap: **1,400 lbs**
OAH: **5-5/8"**
PN: **50FSR41S**

5"x1¾"

Cap: **1,500 lbs**
OAH: **6-1/2"**
PN: **50FSR52S**

6"x2"

Cap: **1,500 lbs**
OAH: **7-1/2"**
PN: **50FSR62S**

50 Series

Medium Heavy Duty Industrial Casters
Capacity to 1,500 lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 50TRR42**R**

CI	Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



High capacity at a low price, Cast Iron wheels are ideal for heavy loads in industrial environments. May damage floors. Capacity to 1,500 lbs.

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **50CIR42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **50CIR52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/2"**
PN: **50CIR62S**

8"x2"

Cap: **1,250 lbs**
OAH: **10-1/8"**
PN: **50CIR82**

VI	V-Groove Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Designed to ride on inverted angle-iron track, v-groove cast iron wheels are ideal for transfer carts, shuttle conveyors, and other process equipment. Capacity to 1,000 lbs

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **50VIR42R**

5"x2"

Cap: **800 lbs**
OAH: **6-1/2"**
PN: **50VIR52R**

6"x2"

Cap: **1,000 lbs**
OAH: **7-1/2"**
PN: **50VIR62R**

8"x2"

Cap: **1,000 lbs**
OAH: **10-1/8"**
PN: **50VIR82R**

Sometimes the answers aren't in the book

We think that this catalog represents a wide selection of casters that will work for most applications. Most doesn't mean all, and we know that. No matter what your caster application requires, we can help:

- Spring-loaded, shock absorbing casters
- MRI compatible casters
- Wash-down duty casters
- High-temperature casters
- Dual wheel rigs
- Cantilevered wheels
- Tapered bearing swivel sections

Our team of caster experts have over 400 years' combined experience. No matter your application, our team is able to get you the caster you need to solve your problem.

Call us at 800.777.0600

Visit www.cc-efi.com/rfq



71 Series

Medium Duty Kingpinless Casters
Capacity to 2,000lbs

For applications that require a rugged, impact resistant swivel section our 71 Series Medium Duty Kingpinless Casters are the perfect solution. The single greatest point of failure in a swivel caster is the kingpin – the rivet or bolt that ties the fork and top plate together with the bearings between. Kingpinless casters, as the name implies, swivel without a kingpin. The swivel section of a kingpinless caster ties the yoke and top plate together with a single race of ball bearings.

71 Series Specifications

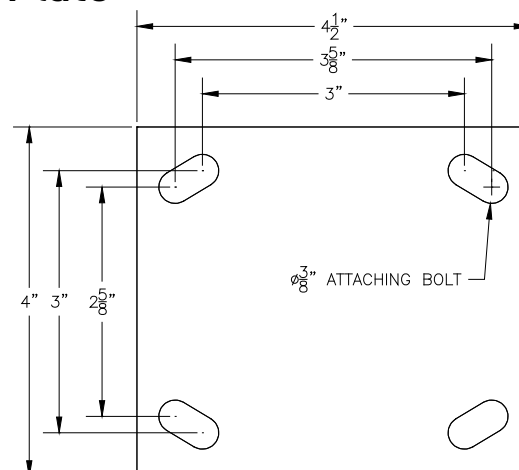
Capacity	up to 2,000 lbs
Wheel Size	4", 5", 6", 8" diameter x 2" tread width
Top Plate Size	4" x 4-1/2"
Bolt Hole Spacing	2-5/8" x 3-5/8" slotted to 3" x 3", 3/8" bolt
Bearings Avail.	Roller (R), Ball (B), Delrin (D), Caged (C)

71 Series Options

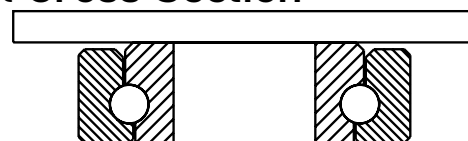
Option Code	Description
SLFI	Swivel Lock, field installable
CB	Cam Brake, incompatible with ball bearing
FB	Face Brake
FBB	HD Face Brake
TB	Tread Brake
SS	Stainless Steel, rigs and bearings, add to front of part number
912	9-1/2" overall height on 8" models
72	72 Top plate, change 71 to 72 in part number. Top plate: 4-1/2" x 6-1/4"; Bolt Holes: 2-7/16" x 4-15/16" slotted to 3-3/8" x 5-1/4"; Bolt: 3/8"



Top Plate



Swivel Cross Section



Building a Caster Part Number

To build your caster part number, use the base part number marked in the data block and add S for Swivel or R for Rigid and any options listed above you would like. To add multiple options, like a brake and swivel lock, add the codes to the end and separate with a hyphen.



7	1	P	P	R	6	2	S	-	F	B	B
Series		Wheel Material		Brg	Wheel Size		Rig		Options		

71 Series

Medium Duty Kingpinless Casters Capacity to 2,000lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 71TRR42**R**

NX	Solid Nylon
Standard Bearing: Ball (B) Optional Bearings: None	



High impact polymer wheels are excellent for heavy-duty, abusive applications. Solid nylon wheels are resistant to most chemicals and corrosion. Capacity to 2,000 lbs

4"x2"

Cap: **2,000 lbs**
OAH: **5-5/8"**
PN: **71NXB42S**

5"x2"

Cap: **2,000 lbs**
OAH: **6-1/2"**
PN: **71NXB52S**

6"x2"

Cap: **2,000 lbs**
OAH: **7-1/2"**
PN: **71NXB62S**

8"x2"

Cap: **2,000 lbs**
OAH: **10-1/8"**
PN: **71NXB82S**

XM	Advanced Ergonomic
Standard Bearing: Ball (B) Optional Bearings: None	



Easy to push, effortless rolling, and standard precision bearings. Excellent for manual push and towing applications (consult us about towing). Capacity to 1,500 lbs.

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **71XMB42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **71XMB52S**

6"x2"

Cap: **1,250 lbs**
OAH: **7-1/2"**
PN: **71XMB62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **71XMB82S**

SE	Solid Elastomer
Standard Bearing: Ball (B) Optional Bearings: None	



Great for shock loading and towline applications. Smooth rolling and easy to start. Capacity to 1,800 lbs.

4"x2"

Cap: **1,050 lbs**
OAH: **5-5/8"**
PN: **71SEB42S**

5"x2"

Cap: **1,200 lbs**
OAH: **6-1/2"**
PN: **71SEB52S**

6"x2"

Cap: **1,500 lbs**
OAH: **7-1/2"**
PN: **71SEB62S**

8"x2"

Cap: **1,800 lbs**
OAH: **10-1/8"**
PN: **71SEB82S**

GP	Reinforced Polypropylene
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



High capacity and impact resistant, Reinforced Polypropylene wheels are great for abusive applications. Capacities to 1,400 lbs.

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **71GPR42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **71GPR52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/2"**
PN: **71GPR62S**

8"x2"

Cap: **1,400 lbs**
OAH: **10-1/8"**
PN: **71GPR82S**

SU	Solid Polyurethane
Standard Bearing: Caged (C) Optional Bearings: Ball (B), Delrin (D)	



Easy to roll and high capacity, solid urethane wheels are also floor protective and relatively quiet. Capacity to 1,250 lbs.

4"x2"

Cap: **700 lbs**
OAH: **5-5/8"**
PN: **71SUC42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **71SUC52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/2"**
PN: **71SUC62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **71SUC82S**

PI	Polyurethane on Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Durable, high capacity wheels that fit almost any budget. Polyurethane tread is floor protective and non-scuffing. Capacity to 1,500 lbs

4"x2"

Cap: **700 lbs**
OAH: **5-5/8"**
PN: **71PIR42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **71PIR52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/2"**
PN: **71PIR62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **71PIR82S**

71 Series

Medium Duty Kingpinless Casters

Capacity to 2,000 lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 71TRR42**S**

PA	Polyurethane on Aluminum
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Chemical and corrosion resistant, high capacity, and floor protection. Capacity to 1,500 lbs.

4"x2"

Cap: **700 lbs**
OAH: **5-5/8"**
PN: **71PAR42S**

5"x2"

Cap: **1,050 lbs**
OAH: **6-1/2"**
PN: **71PAR52S**

6"x2"

Cap: **1,230 lbs**
OAH: **7-1/2"**
PN: **71PAR62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **71PAR82S**

PP	Polyurethane on Plastic
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



A great all around wheel. Floor protective, chemically resistant, and high capacity. Capacity to 1,000 lbs.

4"x2"

Cap: **600 lbs**
OAH: **5-5/8"**
PN: **71PPR42S**

5"x2"

Cap: **750 lbs**
OAH: **6-1/2"**
PN: **71PPR52S**

6"x2"

Cap: **900 lbs**
OAH: **7-1/2"**
PN: **71PPR62S**

8"x2"

Cap: **1,000 lbs**
OAH: **10-1/8"**
PN: **71PPR82S**

RI	Rubber on Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Economical, quiet wheel ideal for use on platform trucks or stock dollies. Floor protective, may leave rubber scuffs when skidded. Capacity to 500 lbs.

4"x2"

Cap: **350 lbs**
OAH: **5-5/8"**
PN: **71RIR42S**

5"x2"

Cap: **400 lbs**
OAH: **6-1/2"**
PN: **71RIR52S**

6"x2"

Cap: **410 lbs**
OAH: **7-1/2"**
PN: **71RIR62S**

8"x2"

Cap: **500 lbs**
OAH: **10-1/8"**
PN: **71RIR82S**

TR	Thermoplastic Rubber on Polypropylene
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Flat tread thermoplastic rubber wheels provide smooth and quiet operation. They are safe for use on all floors. Capacity to 675 lbs.

4"x2"

Cap: **350 lbs**
OAH: **5-5/8"**
PN: **71TRR42S**

5"x2"

Cap: **375 lbs**
OAH: **6-1/2"**
PN: **71TRR52S**

6"x2"

Cap: **600 lbs**
OAH: **7-1/2"**
PN: **71TRR62S**

8"x2"

Cap: **675 lbs**
OAH: **10-1/8"**
PN: **71TRR82S**

PN	Phenolic
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Inexpensive and durable, Phenolic wheels are high capacity and floor protective. Do not use in wet or moist applications. Capacity to 1,250 lbs.

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **71PNR42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **71PNR52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/2"**
PN: **71PNR62S**

8"x2"

Cap: **1,400 lbs**
OAH: **10-1/8"**
PN: **71PNR82S**

FS	Forged Steel
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Forged steel wheels provide the highest capacity, greatest impact strength, and easiest rollability. Wheels are die-formed from pre-heated billets. Capacity to 1,500 lbs.

4"x1½"

Cap: **1,400 lbs**
OAH: **5-5/8"**
PN: **71FSR42S**

5"x1¾"

Cap: **1,500 lbs**
OAH: **6-1/2"**
PN: **71FSR52**

6"x2"

Cap: **1,700 lbs**
OAH: **7-1/2"**
PN: **71FSR62S**

71 Series

Medium Duty Kingpinless Casters
Capacity to 2,000 lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 71TRR42**R**

CI	Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



High capacity at a low price, Cast Iron wheels are ideal for heavy loads in industrial environments. May damage floors. Capacity to 900 lbs.

4"x2"

Cap: **1,000 lbs**
OAH: **5-5/8"**
PN: **71CIR42S**

5"x2"

Cap: **1,300 lbs**
OAH: **6-1/2"**
PN: **71CIR52S**

6"x2"

Cap: **1,400 lbs**
OAH: **7-1/2"**
PN: **71CIR62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **71CIR82S**

VI	V-Groove Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Designed to ride on inverted angle-iron track, v-groove cast iron wheels are ideal for transfer carts, shuttle conveyors, and other process equipment. Capacity to 1,000 lbs

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **71VIR42R**

5"x2"

Cap: **800 lbs**
OAH: **6-1/2"**
PN: **71VIR52R**

6"x2"

Cap: **1,000 lbs**
OAH: **7-1/2"**
PN: **71VIR62R**

8"x2"

Cap: **1,000 lbs**
OAH: **10-1/8"**
PN: **71VIR82R**

Why Kingpinless Casters?

Swivel casters come in two distinct styles: traditional and kingpinless. In function they are identical, both providing an axis of rotation and directional control of the rolling stock. However, this is where the similarity ends. In design and form they are very different.

Traditional swivel sections employ riveted or nut-and-bolt kingpins to tie the upper and lower swivel races together. On our 44 series, this is a 3/4" diameter spun or staked rivet. As the casters are moved under load, shock loaded, or bounce on rougher terrain, a good amount of force is exerted on the kingpin. Over time the kingpin stretches and deforms. This loosens the swivel section and prevents proper swivel action.

Compared to the traditional swivel section, a kingpinless swivel section is by far much simpler. It is constructed of a top plate with a forged inner race, an outer race to which the legs are attached, and the ball bearings between the two pieces. This design completely eliminates the need for a kingpin, as the name kingpinless implies.

To find out more about how kingpinless casters are made and how they out-perform their traditional counterparts, read the technical article on our web-site: <http://ccefi.co/Kingpinless>

Find out more!

<http://ccefi.co/Kingpinless>



75 Series

Heavy Duty Kingpinless Casters
Capacity to 4,100 lbs

Heavy and abusive applications call for a rugged, sturdy caster. Our 75 Series Heavy Duty Kingpinless Industrial Casters feature a single-ball bearing, precision machined, 3" raceway hardened to 50 Rockwell C with 1/2" ball bearings. This creates an incredibly strong swivel section that will stand up to heavy use.

75 Series Specifications

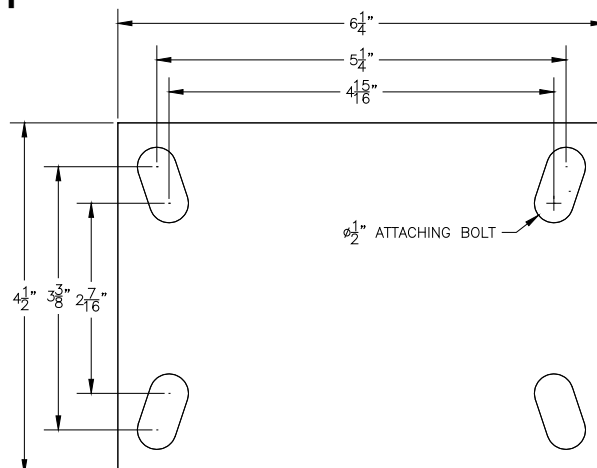
Capacity	up to 4,100 lbs
Wheel Size	6", 8", 10" diameter x 2-1/2" to 3" tread width
Top Plate Size	4-1/2" x 6-1/4"
Bolt Hole Spacing	2-7/16" x 4-15/16" slotted to 3-3/8" x 5-1/4", 1/2" bolt
Bearings Avail.	Roller (R), Ball (B), Tapered (T)

75 Series Options

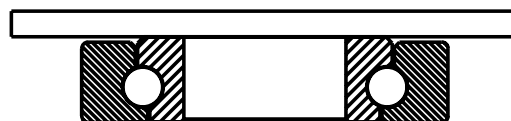
Option Code	Description
SLFI	Swivel Lock, field installable
FBB	HD Face Brake
SS	Stainless steel, rigs and bearings, add to front of part number



Top Plate

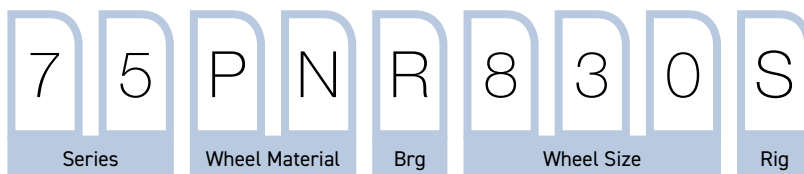


Swivel Cross Section



Building a Caster Part Number

To build your caster part number, use the base part number marked in the data block and add S for Swivel or R for Rigid and any options listed above you would like. Multiple options like having a brake and swivel lock, can be appended, separate with a hyphen.



75 Series

Heavy Duty Kingpinless Casters
Capacity to 4,100 lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 75PNR830**R**

PI	Polyurethane on Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Tapered (T)	



Durable, high capacity wheels that fit almost any budget. Polyurethane tread is floor protective and non-scuffing. Capacity to 3,000 lbs

6"x3"

Cap: **2,000 lbs**
OAH: **7-1/2"**
PN: **75PIR630S**

8"x3"

Cap: **2,500 lbs**
OAH: **10-1/8"**
PN: **75PIR830S**

10"x3"

Cap: **3,000 lbs**
OAH: **11-1/2"**
PN: **75PIR1030S**

PN	Phenolic
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Tapered (T)	



Inexpensive and durable, Phenolic wheels are high capacity and floor protective. Do not use in wet or moist applications. Capacity to 2,900 lbs.

6"x3"

Cap: **2,000 lbs**
OAH: **7-1/2"**
PN: **75PNR630S**

8"x3"

Cap: **2,500 lbs**
OAH: **10-1/8"**
PN: **75PNR830S**

10"x3"

Cap: **2,900 lbs**
OAH: **11-1/2"**
PN: **75PNR1030S**

NX	Solid Nylon
Standard Bearing: Precision Ball (B) Optional Bearings: None	



High impact polymer wheels are excellent for heavy-duty, abusive applications. Solid nylon wheels are resistant to most chemicals and corrosion. Capacity to 4,100 lbs

6"x3"

Cap: **4,100 lbs**
OAH: **7-1/2"**
PN: **75NXB630S**

8"x3"

Cap: **4,100 lbs**
OAH: **10-1/8"**
PN: **75NXB830S**

10"x3"

Cap: **4,100 lbs**
OAH: **11-1/2"**
PN: **75NXB1030S**

CI	Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Tapered (T)	



High capacity at a low price, Cast Iron wheels are ideal for heavy loads in industrial environments. May damage floors. Capacity to 2,800 lbs.

6"x3"

Cap: **2,800 lbs**
OAH: **7-1/2"**
PN: **75CIR630S**

8"x3"

Cap: **2,800 lbs**
OAH: **10-1/8"**
PN: **75CIR830S**

10"x3"

Cap: **2,800 lbs**
OAH: **11-1/2"**
PN: **75CIR1030S**

FS	Forged Steel
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Tapered (T)	



Hot forged from a single billet of steel, forged steel wheels are ideal for abusive and high impact applications. May damage floors. Capacity to 4,100 lbs.

6"x2 1/2"

Cap: **4,000 lbs**
OAH: **7-1/2"**
PN: **75FSR625S**

8"x3"

Cap: **4,100 lbs**
OAH: **10-1/8"**
PN: **75FSR830S**

10"x3"

Cap: **4,100 lbs**
OAH: **11-1/2"**
PN: **75FSR1030S**

VI	V-Groove Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Tapered (T)	



Designed to ride on inverted angle-iron track, v-groove cast iron wheels are ideal for transfer carts, shuttle conveyors, and other process equipment. Capacity to 2,500 lbs.

6"x2 1/2"

Cap: **2,500 lbs**
OAH: **7-1/2"**
PN: **75VIR625S**

8"x3"

Cap: **2,500 lbs**
OAH: **10-1/8"**
PN: **75VIR830S**

76 Series

Extreme Duty Kingpinless Casters
Capacity to 5,400 lbs

Our 76 Series Extreme Duty Kingpinless Casters feature a 3/8" thick top plate, a precision machined and heat treated swivel raceway, 1/2" diameter ball bearings, and legs welded inside and out.

Excellent for abusive applications like towing and impact loading.

76 Series Specifications

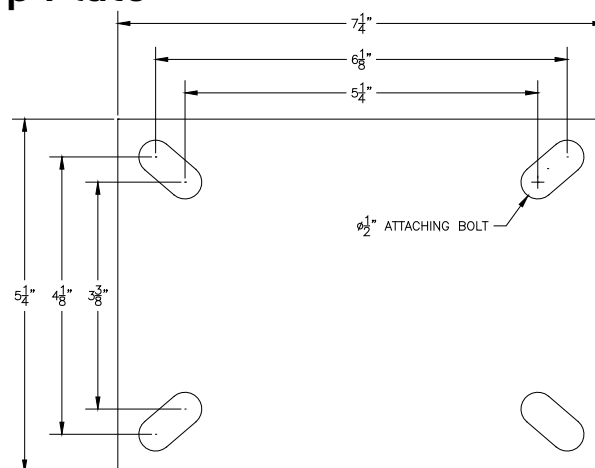
Capacity	up to 5,400 lbs
Wheel Size	6", 8", 10" diameter x 2-1/2" to 3" tread width
Top Plate Size	5-1/4" x 7-1/4"
Bolt Hole Spacing	3-3/8" x 5-1/4" slotted to 4-1/8" x 6-1/8"
Bearings Avail.	Roller (R), Ball (B), Tapered (T)

76 Series Options

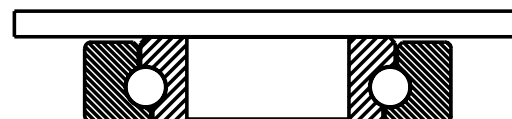
Option Code	Description
SLFI	Swivel Lock, field installable
FBB	HD Face Brake
SS	Stainless steel, rigs and bearings, add to front of part number



Top Plate



Swivel Cross Section



Building a Caster Part Number

To build your caster part number, use the base part number marked in the data block and add S for Swivel or R for Rigid and any options listed above you would like. Multiple options like having a brake and swivel lock, can be appended, separate with a hyphen.



7	6	P	N	R	8	3	0	S
Series	Wheel Material	Brg	Wheel Size	Rig				

76 Series

Extreme Duty Kingpinless Casters
Capacity to 5,400 lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 75PNR830**R**

PI	Polyurethane on Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Tapered (T)	



Durable, high capacity wheels that fit almost any budget. Polyurethane tread is floor protective and non-scuffing. Capacity to 3,000 lbs

6"x3"

Cap: **2,000 lbs**
OAH: **8"**
PN: **76PIR630S**

8"x3"

Cap: **2,500 lbs**
OAH: **10-1/2"**
PN: **76PIR830S**

10"x3"

Cap: **3,000 lbs**
OAH: **12-1/2"**
PN: **76PIR1030S**

PN	Phenolic
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Tapered (T)	



Inexpensive and durable, Phenolic wheels are high capacity and floor protective. Do not use in wet or moist applications. Capacity to 2,900 lbs.

6"x3"

Cap: **2,000 lbs**
OAH: **8"**
PN: **76PNR630S**

8"x3"

Cap: **2,500 lbs**
OAH: **10-1/2"**
PN: **76PNR830S**

10"x3"

Cap: **2,900 lbs**
OAH: **12-1/2"**
PN: **76PNR1030S**

NX	Solid Nylon
Standard Bearing: Precision Ball (B) Optional Bearings: None	



High impact polymer wheels are excellent for heavy-duty, abusive applications. Solid nylon wheels are resistant to most chemicals and corrosion. Capacity to 5,400 lbs

6"x3"

Cap: **5,400 lbs**
OAH: **8"**
PN: **75NXB630S**

8"x3"

Cap: **5,400 lbs**
OAH: **10-1/2"**
PN: **75NXB830S**

10"x3"

Cap: **5,400 lbs**
OAH: **12-1/2"**
PN: **75NXB1030S**

CI	Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Tapered (T)	



High capacity at a low price, Cast Iron wheels are ideal for heavy loads in industrial environments. May damage floors. Capacity to 2,800 lbs.

6"x3"

Cap: **2,800 lbs**
OAH: **8"**
PN: **76CIR630S**

8"x3"

Cap: **2,800 lbs**
OAH: **10-1/2"**
PN: **76CIR830S**

10"x3"

Cap: **2,800 lbs**
OAH: **12-1/2"**
PN: **76CIR1030S**

FS	Forged Steel
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Tapered (T)	



Hot forged from a single billet of steel, forged steel wheels are ideal for abusive and high impact applications. May damage floors. Capacity to 5,000 lbs.

6"x2 1/2"

Cap: **4,000 lbs**
OAH: **8"**
PN: **76FSR625S**

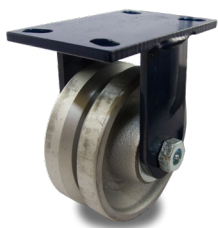
8"x3"

Cap: **4,500 lbs**
OAH: **10-1/2"**
PN: **76FSR830S**

10"x3"

Cap: **5,000 lbs**
OAH: **12-1/2"**
PN: **76FSR1030S**

VI	V-Groove Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Tapered (T)	



Designed to ride on inverted angle-iron track, v-groove cast iron wheels are ideal for transfer carts, shuttle conveyors, and other process equipment. Capacity to 2,500 lbs.

6"x2 1/2"

Cap: **2,500 lbs**
OAH: **8"**
PN: **76VIR625R**

8"x3"

Cap: **2,500 lbs**
OAH: **10-1/2"**
PN: **76VIR830R**

38 Series

Institutional Ergonomic Precision Casters
Capacity to 325 lbs

Reduce back strain, push-pull force, and reduce workplace injuries by choosing a smooth rolling, ergonomic caster. The swivel section contains a sealed precision bearing for easy swivel action. Wheels are complete with integral precision ball bearings and thread guards.

38 Series Specifications

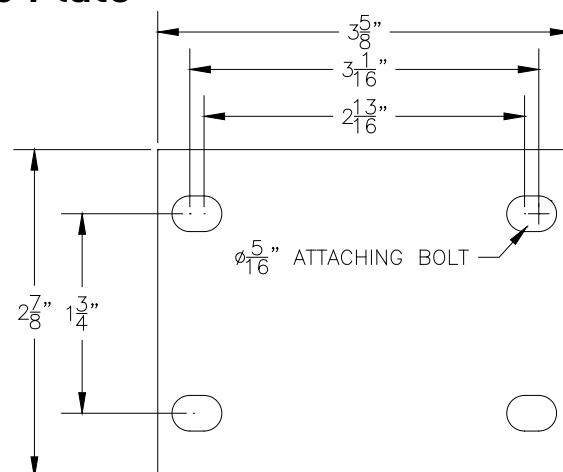
Capacity	up to 325 lbs
Wheel Size	3", 3-1/2", 4", 5" diameter x 1-3/8" tread width
Top Plate Size	3-5/8" x 2-7/8"
Bolt Hole Spacing	2-15/16" x 2-1/16" slotted to 2-13/16" x 1-3/4"
Bearings Avail.	Ball (B)

38 Series Options

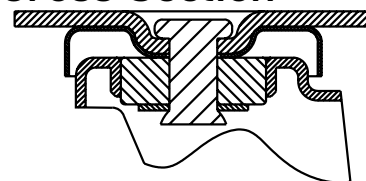
Option Code	Description
TLB	Total Lock Brake
DL	Direction Lock
SS	Stainless Steel, rig and swivel bearing, add to front of part number



Top Plate

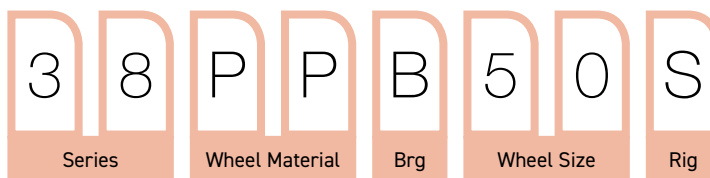


Swivel Cross Section



Building a Caster Part Number

To build your caster part number, use the base part number marked in the data block and add S for Swivel or R for Rigid and any options listed above you would like.



38 Series

Institutional Ergonomic Precision Casters
Capacity to 325 lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 38TRB40**R**

PP

**Polyurethane
on Plastic**

Standard Bearing: Ball (B)
Optional Bearings: None



Durable and easy to roll, polyurethane wheels are excellent for indoor or outdoor applications.

3"x1¼"

Cap: **225 lbs**
OAH: **4-3/8"**
PN: **38PPB30S**

3½"x1¼"

Cap: **250 lbs**
OAH: **4-15/16"**
PN: **38PPB35S**

4"x1¼"

Cap: **300 lbs**
OAH: **5-7/16"**
PN: **38PPB40S**

5"x1¼"

Cap: **325 lbs**
OAH: **6-1/2"**
PN: **38PPB50S**

TR

**Thermoplastic
Rubber**

Standard Bearing: Ball (B)
Optional Bearings: None



Quiet and smooth rolling, thermoplastic rubber wheels are floor protective and easy to start. Flat tread adds capacity.

3"x1¼"

Cap: **180 lbs**
OAH: **4-3/8"**
PN: **38TRB30S**

3 ½"x1¼"

Cap: **225 lbs**
OAH: **4-15/16"**
PN: **38TRB35S**

4"x1¼"

Cap: **250 lbs**
OAH: **5-7/16"**
PN: **38TRB40S**

5"x1¼"

Cap: **325 lbs**
OAH: **6-1/2"**
PN: **38TRB50S**

What Size Caster Do I Need?

Casters come in a variety of sizes, from as small as 2" to as big as 24" in diameter and everything between. Choosing the right caster size is an important part of caster selection. Caster size affects capacity, rollability, weight, and price. Casters that are undersized can fail under load, be difficult to push, or seize up while rolling. When casters are oversized, rolling stock may roll too easily and equipment becomes taller than it needs to be. The advanced materials in our ergonomic casters make them easy to roll and maneuver. Even with these advanced materials and designs, a caster that is sized incorrectly will perform poorly.

Here are four questions you should keep in mind when sizing casters for your next project:

- What is the total load of the cart, including material being transported and the empty weight of the cart?
- Will the cart be manually pushed and pulled or will it be towed by powered equipment?
- What kind of floors will the cart traverse?
- What kind of ride does the load require?

In general, heavier loads require larger casters. Your office chair works great with 50mm twin wheel caster, a shop cart wouldn't. The load also affects bearing selection. Heavier loads perform better with precision bearings like precision ball bearings or tapered bearings.

Find out more!

<http://ccefi.co/Ergonomic>



48 Series

Medium Duty Ergonomic Precision Casters
Capacity to 1,250 lbs

48 Series Medium Duty Ergonomic Precision Casters are designed for smooth, effortless rolling and swiveling. Sealed precision ball bearings in the swivel section and wheels makes these casters maintenance free and eliminates noisy swivel chatter.

Reduce back strain, push-pull force, and reduce workplace injuries by choosing a smooth rolling, ergonomic caster.

48 Series Specifications

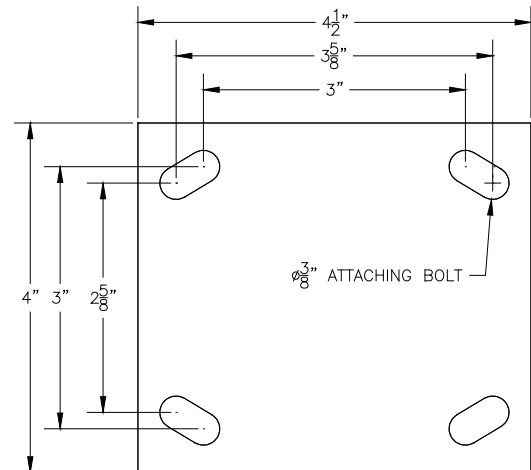
Capacity	up to 1,250 lbs
Wheel Size	4", 5", 6", 8" diameter x 2" tread width
Top Plate Size	4" x 4-1/2"
Bolt Hole Spacing	2-5/8" x 3-5/8" slotted to 3" x 3", 3/8" bolt
Bearings Avail.	Ball (B)

48 Series Options

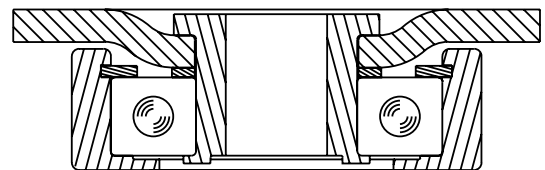
Option Code	Description
SLFI	Swivel Lock, field installable
FB	Face Brake
TB	Tread Brake



Top Plate

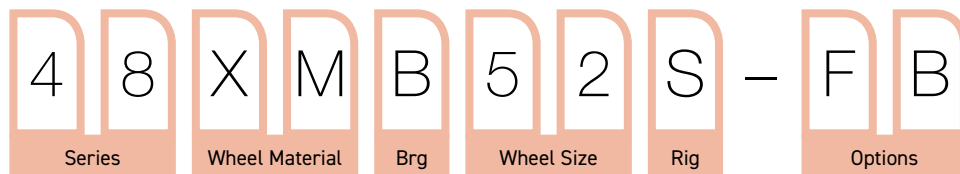


Swivel Cross Section



Building a Caster Part Number

To build your caster part number, use the base part number marked in the data block and add S for Swivel or R for Rigid and any options listed above you would like. Multiple options like having a brake and swivel lock, can be appended, separate with a hyphen.



48 Series

Medium Duty Ergonomic Precision Casters
Capacity to 1,250 lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 48TRB42**R**

XM

**Advanced
Ergonomic**

Standard Bearing: Ball (B)
Optional Bearings: None



Easy to push, effortless rolling, and standard precision bearings. Excellent for manual push and towing applications (consult us about towing). Capacity to 1,250 lbs.

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **48XMB42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **48XMB52S**

6"x2"

Cap: **1,250 lbs**
OAH: **7-1/2"**
PN: **48XMB62S**

8"x2"

Cap: **1,250 lbs**
OAH: **9-1/2"**
PN: **48XMB82S**

TR

**Flat Tread
Thermoplastic
Rubber**

Standard Bearing: Ball (B)
Optional Bearings: None



Flat tread thermoplastic rubber wheels provide smooth and quiet operation. They are safe for use on all floors. Capacity to 675 lbs.

4"x2"

Cap: **400 lbs**
OAH: **5-5/8"**
PN: **48TRB42S**

5"x2"

Cap: **500 lbs**
OAH: **6-1/2"**
PN: **48TRB52S**

6"x2"

Cap: **500 lbs**
OAH: **7-1/2"**
PN: **48TRB62S**

8"x2"

Cap: **675 lbs**
OAH: **9-1/2"**
PN: **48TRB82S**

SU

**Solid
Urethane**

Standard Bearing: Ball (B)
Optional Bearings: None



Easy to roll and high capacity, solid urethane wheels are also floor protective and relatively quiet. Capacity to 1,250 lbs.

4"x2"

Cap: **700 lbs**
OAH: **5-5/8"**
PN: **48SUB42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **48SUB52S**

6"x2"

Cap: **1,000 lbs**
OAH: **7-1/2"**
PN: **48SUB62S**

8"x2"

Cap: **1,250 lbs**
OAH: **9-1/2"**
PN: **48SUB82S**

PP

**Polyurethane
on Plastic**

Standard Bearing: Ball (B)
Optional Bearings: None



A great all around wheel. Floor protective, chemically resistant, and high capacity. Capacity to 1,000 lbs.

4"x2"

Cap: **600 lbs**
OAH: **5-5/8"**
PN: **48PPB42S**

5"x2"

Cap: **750 lbs**
OAH: **6-1/2"**
PN: **48PPB52S**

6"x2"

Cap: **900 lbs**
OAH: **7-1/2"**
PN: **48PPB62S**

8"x2"

Cap: **1,000 lbs**
OAH: **9-1/2"**
PN: **48PPB82S**

SE

**Solid
Elastomer**

Standard Bearing: Ball (B)
Optional Bearings: None



Great for shock loading and towline applications. Smooth rolling and easy to start. Capacity to 1,250 lbs.

4"x2"

Cap: **1,050 lbs**
OAH: **5-5/8"**
PN: **48SEB42S**

5"x2"

Cap: **1,200 lbs**
OAH: **6-1/2"**
PN: **48SEB52S**

6"x2"

Cap: **1,250 lbs**
OAH: **7-1/2"**
PN: **48SEB62S**

8"x2"

Cap: **1,250 lbs**
OAH: **9-1/2"**
PN: **48SEB82S**

GP

**Reinforced
Polypropylene**

Standard Bearing: Ball (B)
Optional Bearings: None



Chemical and corrosion resistant, high capacity, and floor protection. Capacity to 1,250 lbs.

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **48GPB42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **48GPB52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/2"**
PN: **48GPB62S**

8"x2"

Cap: **1,250 lbs**
OAH: **9-1/2"**
PN: **48GPB82S**

68 Series

Heavy Duty Ergonomic Precision Casters
Capacity to 1,800 lbs

68 Series Heavy Duty Ergonomic Precision Casters are designed for smooth, effortless rolling and swiveling. Sealed precision ball bearings in the swivel section and wheels makes these casters maintenance free. The Type II zinc dye chromate finish provides extended corrosion resistance.

68 Series casters are towing capable. Consult us for application assistance.

68 Series Specifications

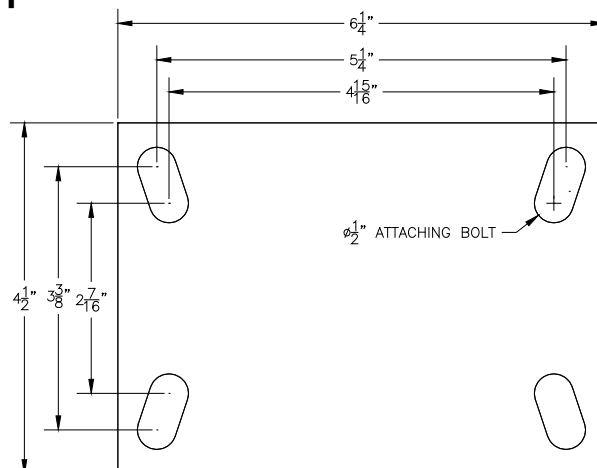
Capacity	up to 1,800 lbs
Wheel Size	6", 8" diameter x 2" tread width
Top Plate Size	4-1/2" x 6-1/4"
Bolt Hole Spacing	2-7/16" x 4-15/16" slotted to 3-3/8" x 5-1/4"
Bearings Avail.	Ball (B)

68 Series Options

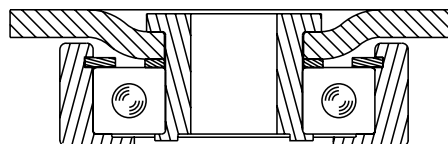
Option Code	Description
SLFI	Swivel Lock, field installable



Top Plate

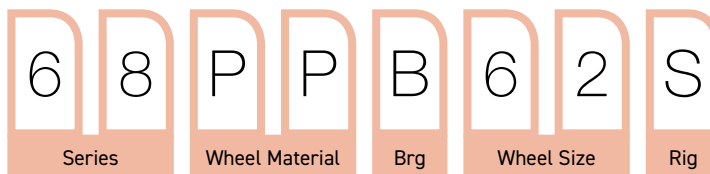


Swivel Cross Section



Building a Caster Part Number

To build your caster part number, use the base part number marked in the data block and add S for Swivel or R for Rigid and any options listed above you would like. Multiple options like having a brake and thread guards, can be appended, separate with a hyphen.



68 Series

Heavy Duty Ergonomic Precision Casters
Capacity to 1,800 lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 68TRB62**R**

XM	Advanced Ergonomic
Standard Bearing: Ball (B) Optional Bearings: None	



Easy to push, effortless rolling, and standard precision bearings. Excellent for manual push and towing applications (consult us about towing). Capacity to 1,500 lbs.

6"x2"

Cap: **1,250 lbs**
OAH: **8-1/4"**
PN: **68XMB62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/4"**
PN: **68XMB82S**

TR	Flat Tread Thermoplastic Rubber
Standard Bearing: Ball (B) Optional Bearings: None	



Flat tread thermoplastic rubber wheels provide smooth and quiet operation. They are safe for use on all floors. Capacity to 675 lbs.

6"x2"

Cap: **500 lbs**
OAH: **8-1/4"**
PN: **68TRB62S**

8"x2"

Cap: **675 lbs**
OAH: **10-1/4"**
PN: **68TRB82S**

SU	Solid Urethane
Standard Bearing: Ball (B) Optional Bearings: None	



Easy to roll and high capacity, solid urethane wheels are also floor protective and relatively quiet. Capacity to 1,250 lbs.

6"x2"

Cap: **1,000 lbs**
OAH: **8-1/4"**
PN: **68SUB62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/4"**
PN: **68SUB82S**

PP	Polyurethane on Plastic
Standard Bearing: Ball (B) Optional Bearings: None	



A great all around wheel. Floor protective, chemically resistant, and high capacity. Capacity to 1,000 lbs.

6"x2"

Cap: **900 lbs**
OAH: **8-1/4"**
PN: **68PPB62S**

8"x2"

Cap: **1,000 lbs**
OAH: **10-1/4"**
PN: **68PPB82S**

SE	Solid Elastomer
Standard Bearing: Ball (B) Optional Bearings: None	



Great for shock loading and towline applications. Smooth rolling and easy to start. Capacity to 1,800 lbs.

6"x2"

Cap: **1,500 lbs**
OAH: **8-1/4"**
PN: **68SEB62S**

8"x2"

Cap: **1,800 lbs**
OAH: **10-1/4"**
PN: **68SEB82S**

GP	Reinforced Polypropylene
Standard Bearing: Ball (B) Optional Bearings: None	



Chemical and corrosion resistant, high capacity, and floor protection. Capacity to 1,500 lbs.

6"x2"

Cap: **1,200 lbs**
OAH: **8-1/4"**
PN: **68GPB62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/4"**
PN: **68GPB82S**

CN18 Series

Chrome Plated Medical Furniture Casters
Capacity to 175 lbs

The CN18 Series Chrome Plated Medical Furniture casters provide a smooth, quiet ride for light duty equipment, like chairs and IV poles. A variety of mounting options, including grip ring stems, threaded stems, and top plates make these easy to fit. Available total lock brake restrains wheel and swivel section.

Series Specifications

Capacity	up to 175 lbs
Wheel Size	2", 2-1/2", 3" diameter x 1" tread width
Available Mounting Types	Grip Ring, Threaded Stem, Hollow Kingpin, Top Plate
Brake Available?	Yes
Bearings	Precision Ball (B)



Options

Option Code	Description
TLB	Total Lock Brake

Top Plate Sizes

Wheel Size	Top Plate	Bolt Holes
2"	1-1/4" x 2-3/8"	13/16" x 1-7/8"
2-1/2", 3"	2-1/2" x 3-5/8"	1-3/4" x 3"

Building a Caster Part Number

To build your caster part number, use the base part number marked in the data block and add S for Swivel and any options you would like.



Stem Casters

C	N	1	8	N	P	B	3	0	S	-	T	6	1	6	-	T	L	B
Series				Wheel Mtl		Brg	Wheel Size		Rig	Stem Code					Stem Code			



Plate Casters

C	N	1	8	N	P	B	3	0	S	-	T	L	B
Series				Wheel Mtl		Brg	Wheel Size		Rig	Stem Code			

CN18 Series

Chrome Plated Medical Furniture Casters
Capacity to 175 lbs

NP

Neoprene Rubber

Standard Bearing: Precision Ball (B)



Quiet and smooth rolling, neoprene rubber wheels are floor protective and easy to start. Donut tread makes them easy to turn. (Overall heights are for top plate casters)

2"x1"

Cap: **125 lbs**
OAH: **2-15/16**
PN: **CN18NPB20S**

2½"x1"

Cap: **165 lbs**
OAH: **3-1/2"**
PN: **CN18NPB25S**

3"x1"

Cap: **175 lbs**
OAH: **4-5/32"**
PN: **CN18NPB30S**

Stem Mounting Options

G

Grip Ring Stem

Append stem code to part number



Commonly found on chairs, rotationally molded plastic furniture, and some extruded metal products.

G714

Diameter: **7/16"**
Length: **7/8"**
Stem: **-G714**

G723

Diameter: **7/16"**
Length: **1-7/16"**
Stem: **-G723**

T

Threaded Stem

Append stem code to part number



Normally found on formed and welded metal furniture. Occasionally found on wood furniture and attached with a t-nut.

T616

Thread: **3/8-16**
Length: **1"**
Stem: **-T616**

HK

Hollow Kingpin

Append stem code to part number



Hollow rivet accepts a 3/8" diameter bolt. Perfect for applications where long or short stems are required.

HK07

Diameter: **7/16"**
Stem: **-HK07**

Stem Mount Overall Heights

Wheel Size	Overall Height
2"	2-11/16"
2-1/2"	3-3/8"
3"	4"

CH21 Series

Total Lock Brake Stem Hospital Casters
Capacity to 260 lbs

Our CH21 Series Total Lock Brake Stem Hospital Casters are designed for use on crash carts, case carts, and other hospital and medical equipment. This series features double ball race swivel sections, a variety of mounting options, and optional direction locks and total lock brakes. All wheels in this series feature integral precision ball bearings and thread guards.

An antimicrobial treated thermoplastic wheel is available.

Series Specifications

Capacity	up to 260 lbs
Wheel Size	3", 4", 5", 6" diameter x 1-1/4" tread width
Bearings	Precision Ball (B), Delrin (D), Plain (P)



Options

Option Code	Description
DL	Direction Lock
TLB	Total Lock Brake
SS	Stainless Steel (Change CH to SS)

Building a Caster Part Number

To build your caster part number, use the base part number marked in the data block and add S for Swivel, there are no rigid casters in this series, then add a stem code from the stems or expanding adaptaters above. Append the part number with a brake, if desired.



C	H	2	1	P	P	B	4	0	S	-	G	7	2	3	-	T	L	B
Series				Wheel Mtl		Brg	Wheel Size		Riq		Stem Code				Options			

CH21 Series

Total Lock Brake Stem Hospital Casters
Capacity to 260 lbs

Wheel Options

TR

Thermoplastic Rubber

Standard Bearing: Precision Ball (B)



Quiet and smooth rolling, thermoplastic rubber wheels are floor protective and easy to start. Flat tread adds capacity.

3"x1¼"

Cap: **190 lbs**
OAH: **4-7/16"**
PN: **CH21TRB30S**

4"x1¼"

Cap: **240 lbs**
OAH: **5-7/16"**
PN: **CH21TRB40S**

5"x1¼"

Cap: **260 lbs**
OAH: **6-7/16"**
PN: **CH21TRB50S**

6"x1¼"

Cap: **260 lbs**
OAH: **7-13/32"**
PN: **CH21TRB60S**

PP

Polyurethane on Plastic

Standard Bearing: Precision Ball (B)



Durable and easy to roll, polyurethane wheels are excellent for indoor or outdoor applications.

3"x1¼"

Cap: **190 lbs**
OAH: **4-7/16"**
PN: **CH21PPB30S**

4"x1¼"

Cap: **240 lbs**
OAH: **5-7/16"**
PN: **CH21PPB40S**

5"x1¼"

Cap: **260 lbs**
OAH: **6-7/16"**
PN: **CH21PPB50S**

6"x1¼"

Cap: **260 lbs**
OAH: **7-13/32"**
PN: **CH21PPB60S**

AM

Antimicrobial Thermoplastic Rubber

Standard Bearing: Precision Ball (B)



These wheels are quiet, smooth rolling, and prevent the spread of bacteria and other microbial organisms throughout your facility.

3"x1¼"

Cap: **190 lbs**
OAH: **4-7/16"**
PN: **CH21AMB30S**

4"x1¼"

Cap: **240 lbs**
OAH: **5-7/16"**
PN: **CH21AMB40S**

5"x1¼"

Cap: **260 lbs**
OAH: **6-7/16"**
PN: **CH21AMB50S**

6"x1¼"

Cap: **260 lbs**
OAH: **7-13/32"**
PN: **CH21AMB60S**

Stem Mounting Options

G

Grip Ring Stem

Append stem code to part number



Commonly found on chairs, rotationally molded plastic furniture, and some extruded metal products.

G723

Diameter: **7/16"**
Length: **1-7/16"**
Stem: **-G732**

T

Threaded Stem

Append stem code to part number



Normally found on formed and welded metal furniture. Occasionally found on wood furniture and attached with a t-nut.

T824

Thread: **1/2-13**
Length: **1-1/2"**
Stem: **-T824**

CH32 Series

Total Lock Brake Top Plate Hospital Casters
Capacity to 260 lbs

Our CH32 Series Total Lock Brake Top Plate Hospital Casters are designed for use on crash carts, case carts, and other hospital and medical equipment. This series features double ball race swivel sections and optional direction locks and total lock brakes. All wheels in this series feature integral precision ball bearings and thread guards.

An antimicrobial treated thermoplastic wheel is available.

Series Specifications

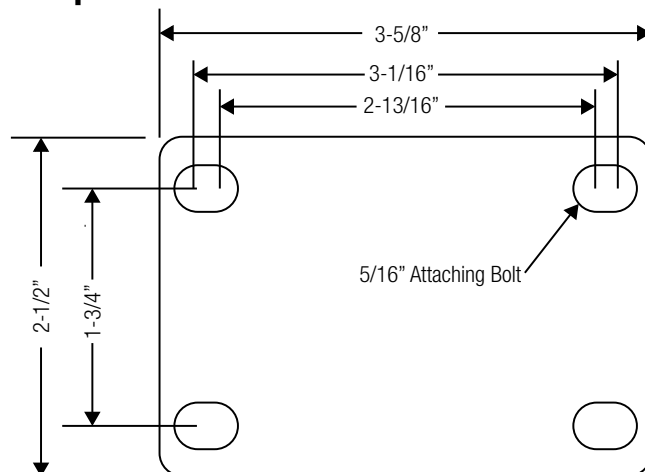
Capacity	up to 260 lbs
Wheel Size	3", 4", 5", 6" diameter x 1-1/4" tread width
Top Plate Size	2-1/2" x 3-5/8"
Bolt Hole Spacing	1-3/4" x 2-13/16" slotted to 3-1/16", 5/16" bolt
Bearings	Precision Ball (B)

Options

Option Code	Description
TLB	Total Lock Brake
DL	Direction Lock
SS	Stainless Steel (Change CH to SS)



Top Plate



Building a Caster Part Number

To build your caster part number, use the base part number marked in the data block and add S for Swivel or R for Rigid and any options you would like. Multiple options can be appended, separate with a hyphen.



CH32 Series

Total Lock Brake Top Plate Hospital Casters
Capacity to 260 lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. CH32TRB40**R**

TR

Thermoplastic Rubber

Standard Bearing: Precision Ball (B)



Quiet and smooth rolling, thermoplastic rubber wheels are floor protective and easy to start. Flat tread adds capacity.

3"x1¼"

Cap: **190 lbs**
OAH: **4-7/16"**
PN: **CH32TRB30S**

4"x1¼"

Cap: **240 lbs**
OAH: **5-7/16"**
PN: **CH32TRB40S**

5"x1¼"

Cap: **260 lbs**
OAH: **6-7/16"**
PN: **CH32TRB50S**

6"x1¼"

Cap: **260 lbs**
OAH: **7-13/32"**
PN: **CH32TRB60S**

PP

Polyurethane on Plastic

Standard Bearing: Precision Ball (B)



Durable and easy to roll, polyurethane wheels are excellent for indoor or outdoor applications.

3"x1¼"

Cap: **190 lbs**
OAH: **4-7/16"**
PN: **CH32PPB30S**

4"x1¼"

Cap: **240 lbs**
OAH: **5-7/16"**
PN: **CH32PPB40S**

5"x1¼"

Cap: **260 lbs**
OAH: **6-7/16"**
PN: **CH32PPB50S**

6"x1¼"

Cap: **260 lbs**
OAH: **7-13/32"**
PN: **CH32PPB60S**

AM

Antimicrobial Thermoplastic Rubber

Standard Bearing: Precision Ball (B)



These wheels are quiet, smooth rolling, and prevent the spread of bacteria and other microbial organisms throughout your facility.

3"x1¼"

Cap: **190 lbs**
OAH: **4-7/16"**
PN: **CH32AMB30S**

4"x1¼"

Cap: **240 lbs**
OAH: **5-7/16"**
PN: **CH32AMB40S**

5"x1¼"

Cap: **260 lbs**
OAH: **6-7/16"**
PN: **CH32AMB50S**

6"x1¼"

Cap: **260 lbs**
OAH: **7-13/32"**
PN: **CH32AMB60S**

Options



Direction Lock

Direction locks use a fork to engage teeth on the bottom of the swivel section. When engaged the swivel caster will not rotate, effectively making it a rigid caster. This makes rolling stock easier to steer and control.



Total Lock Brake

Total lock brakes secure casters from rolling and swiveling. They do this by applying positive pressure to the tread of the wheel and locking the swivel section. They are activated by a foot pedal on the trailing end of the caster.

Floor Locks

For most applications, caster brakes work well. Caster brakes do allow for some movement. Traditional caster brakes, like cam and tread brakes, allow the swivel section to move. Total lock brakes solve this problem, to an extent, by restraining the swivel section. Even with a total lock brake, hard tread wheels can slide across the floor.

Floor locks solve this problem by putting force against the ground. All floor locks feature a rubber coated foot to provide a high coefficient of friction, spring loaded cylinders for easy activation, and ergonomic paddles to reduce activation force.

Stainless steel models available, call for details.

Series Specifications

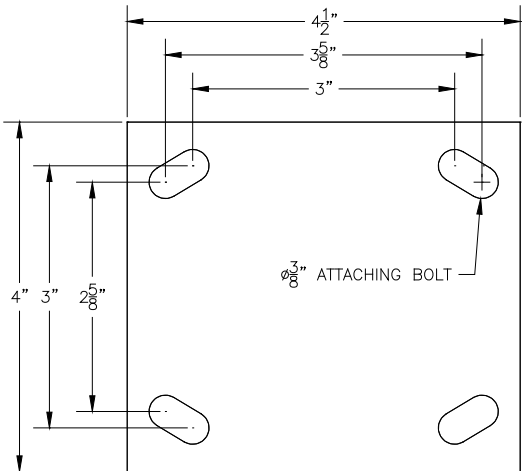
Wheel Size	Compatible with 4" to 8" wheels
Top Plate Size	4" x 4-1/2"
Bolt Hole Spacing	2-5/8" x 3-5/8" slotted to 3" x 3"

Options

Option Code	Description
SS	Stainless Steel, add to front of part number



Top Plate



L1

Type 1 Floor Locks

Optional 7-1/4" OAH available for 6" compatible models



Durable and easy to roll, polyurethane wheels are excellent for indoor or outdoor applications.

4"	5"	6"	8"
OAH: 5-5/8"	OAH: 6-1/2"	OAH: 7-1/2"	OAH: 9-1/2"
PN: 80FTL1-4-5-5/8	PN: 80FTL1-5-6-1/2	PN: 80FTL1-6-7-1/2	PN: 80FTL1-8-9-1/2

L2

Type 2 Floor Locks

Optional 7-1/4" OAH available for 6" compatible models



Durable and easy to roll, polyurethane wheels are excellent for indoor or outdoor applications.

4"	5"	6"	8"
OAH: 5-5/8"	OAH: 6-1/2"	OAH: 7-1/2"	OAH: 9-1/2"
PN: 80FTL2-4-5-5/8	PN: 80FTL2-5-6-1/2	PN: 80FTL2-6-7-1/2	PN: 80FTL2-8-9-1/2

Brakes & Locks

While we know you'll love how well our casters roll, we understand you don't want them doing that all the time. We have a variety of caster brakes and locks to help you secure your rolling stock.

Total Lock Brake (-TLB)



Total lock brakes combine a tread brake and swivel lock, restraining the wheel and swivel section.

Available on

22

34

44

38

CN

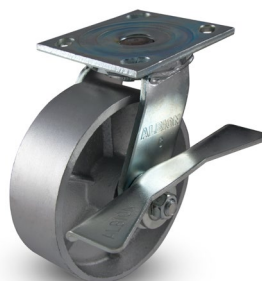
18

CH

32

CH
32

Cam Brake (-CB)



Cam brakes arrest the wheel by applying pressure to the wheel hub. Incompatible with ball bearings.

Available on

30

44

50

71

Face Brake (-FB)



Makes contact with the face of the wheel, the most positive wheel brake available.

Available on

44

50

71

48

68

Tread Brake (-TB)



Makes contact with the wheel at the top. Smallest form factor brake available.

Available on

21

32

44

71

48

68

Face Contact Brake (-FBB)



For heavy duty casters, arrest the wheel by applying a friction plate to the tread of the wheel.

Available on

44

50

71

75

76

Swivel Lock (-SLFI)



Locks the swivel section, turning a swivel caster into a rigid. Excellent for improving steering on 4-swivel carts.

Available on

44

50

71

75

76

48

68

Sockets

Easily add grip stem casters to existing equipment

Adding stem casters to equipment can be challenging, these sockets make it easy. Available for grip ring or wood stems.

Square Tube Grip Ring Sockets



Square tube ends fit metal square tube based on its inside dimension. All sockets in this series are compatible with our G714, G722, and G723 grip ring stems.

0.620" ID
.75" OD x 16ga.
PN: **82SSH660G**

0.652" ID
.75" OD x 18ga.
PN: **82SSH652G**

0.880" ID
1.04" OD x .080"
PN: **82SSH880G**

0.902" ID
1.00" OD x 18ga.
PN: **82SSH902G**

1.010" ID
1.25" OD x 11ga.
PN: **82SSH101G**

1.120" ID
1.25" OD x 16ga.
PN: **82SSH112G**

1.152" ID
1.25" OD x 18ga.
PN: **82SSH1152G**

1.402" ID
1.5" OD x 16ga.
PN: **82SSH1402G**

Round Tube Grip Ring Sockets



Round tube ends fit metal round tube based on its inside dimension. All sockets in this series are compatible with our G714, G722, and G723 grip ring stems.

0.584" ID
.75" OD x .083"
PN: **82SRH584G**

0.777" ID
.875" OD x 18ga.
PN: **82SRH777G**

0.872" ID
1.062" OD x 13ga.
PN: **82SRH872G**

1.072" ID
1.312" OD x 11ga.
PN: **82SRH1072G**

1.120" ID
1.25" OD x 16ga.
PN: **82SRH112G**

1.310" ID
1.5" OD x 13ga.
PN: **82SRH131G**

1.495" ID
1.625" OD x 16ga.
PN: **82SRH1495G**

Tube Insert Grip Neck Sockets



For round and square tube ends, based on its inside dimension. Works with our W524 grip neck (wood) stem.

.433" ID
.563" OD x 16ga.
Type: **Round**
PN: **82SRL433W**

.678" ID
.75" OD x 20ga.
Type: **Square**
PN: **82SRL678W**

.880" ID
1" OD x 16ga.
Type: **Square**
PN: **82SRL880W**

Wood Grip Neck Sockets



Add grip neck (wood) stems to wood furniture with ease. Works with our W524 grip neck (wood) stem.

Wood Press
Plate: **3/4" dia.**
Drill: **3/8" x 1-5/8"**
PN: **820400**



1/4" Screws
Plate: **2-1/8" dia.**
Drill: **9/16" x 1-1/2"**
PN: **820401**

Weld/Bolt-On Grip Ring Brackets



For light duty metal or wood fabrication projects, use these bolt- or weld-on brackets. Work with our G714, G722, or G723 grip ring stems.

BIB
Bolt-on inside angle bracket
PN: **ABIB-49-G**

BFB
Bolt-on flat bracket
PN: **ABFB-81-G**

BOB
Bolt-on outside angle bracket
PN: **ABOB-48-G**

BIW
Welded inside angle bracket
PN: **ABIW-52-G**

Tube Ends

Add threaded stem casters or level mounts

Threaded tube ends add threaded sockets to metal tube equipment. Compatible with threaded stem caster and level mounts.

Square Tube, Threaded Brass Nylon Tube Ends



Glass reinforced nylon bodies with brass threaded inserts. Sized by tube outside dimension, wall thickness, and thread type.

3/8-16

1.5" OD x 16ga
PN: **TE1-2A**

3/8-16

1.5" OD x 11ga
PN: **TE1-3A**

3/8-16

2" OD x 16ga
PN: **TE2-1A**

3/8-16

2" OD x 11-12ga
PN: **TE2-3A**

1/2-13

1.5" OD x 16ga
PN: **TE1-2B**

1/2-13

1.5" OD x 11ga
PN: **TE1-3B**

1/2-13

2" OD x 16ga
PN: **TE2-1B**

1/2-13

2" OD x 11-12ga
PN: **TE2-3B**

Round Tube, Threaded Brass Nylon Tube Ends



Glass reinforced nylon bodies with brass threaded inserts. Sized by tube outside diameter, wall thickness, and thread type.

3/8-16

1.5" OD x 16ga
PN: **TE1-1A**

3/8-16

2.0" Sch 10 Pipe
PN: **TE1-10A**

3/8-16

2" OD x 16ga
PN: **TE2-2A**

1/2-13

1.5" OD x 16ga
PN: **TE1-1B**

1/2-13

2.0" Sch 10 Pipe
PN: **TE1-10B**

1/2-13

2" OD x 16ga.
PN: **TE2-2B**

Square Tube, Threaded Nylon Tube Ends



One piece, injection-molded nylon reinforced threaded tube ends. Sized by tube outside dimension, wall thickness, and thread type.

3/8-16

1.5" OD x 16ga
PN: **TEN1-2A**

3/8-16

1.5" OD x 11ga
PN: **TEN1-3A**

3/8-16

2" OD x 16ga
PN: **TEN2-1A**

3/8-16

2" OD x 11-12ga
PN: **TEN2-3A**

1/2-13

1.5" OD x 16ga
PN: **TEN1-2B**

1/2-13

1.5" OD x 11ga
PN: **TEN1-3B**

1/2-13

2" OD x 16ga
PN: **TEN2-1B**

1/2-13

2" OD x 11-12ga
PN: **TEN2-3B**

Round Tube, Threaded Nylon Tube Ends



One piece, injection-molded nylon reinforced threaded tube ends. Sized by tube outside diameter, wall thickness, and thread type.

3/8-16

1.5" OD x 16ga
PN: **TEN1-1A**

3/8-16

2.0" Sch 10 Pipe
PN: **TEN1-10A**

3/8-16

2" OD x 16ga
PN: **TEN2-2A**

1/2-13

1.5" OD x 16ga
PN: **TEN1-1B**

1/2-13

2.0" Sch 10 Pipe
PN: **TEN1-10B**

1/2-13

2" OD x 16ga.
PN: **TEN2-2B**

Wheel Guide

Soft tread wheels deliver a cushioned ride protecting your sensitive and delicate loads

TR • Thermoplastic Rubber - Flat Tread • Capacity to 675 lbs



Non-marking, gray rubber wheels provide a soft cushioned ride. Thermoplastic rubber is chemical, caustic, oil, and acid resistant. TR wheels offer excellent floor protection.

Floor Protection



Impact Resistance



Rollability



Chemical Resistance



Load Capacity



Quiet Operation



Bearings

Straight Roller, Precision Ball, Delrin

Temperature Range

-40°F to 180°F

Series Availability

20

22

32

34

30

44

50

71

75

76

38

48

68

CH21

CH32

TD • Thermoplastic Rubber - Round Tread • Capacity to 600 lbs



Non-marking, gray rubber wheels provide a soft cushioned ride. Thermoplastic rubber is chemical, caustic, oil, and acid resistant. Round tread TD wheels offer easy starts and floor protection.

Floor Protection



Impact Resistance



Rollability



Chemical Resistance



Load Capacity



Quiet Operation



Bearings

Straight Roller, Precision Ball, Delrin

Temperature Range

-40°F to 180°F

Series Availability

20

22

32

34

30

44

50

71

75

76

38

48

68

CH21

CH32

RI • Rubber on Iron • Capacity to 1,200 lbs



Cushioned rubber tread is bonded to a durable cast iron core for quiet movement under light to medium loads. RI wheels are resilient, economical and provide good floor protection.

Floor Protection



Impact Resistance



Rollability



Chemical Resistance



Load Capacity



Quiet Operation



Bearings

Straight Roller, Precision Ball, Tapered

Temperature Range

-40°F to 140°F

Series Availability

20

22

32

34

30

44

50

71

75

76

38

48

68

CH21

CH32

PP • Polyurethane on Plastic • Capacity to 1,500 lbs



Polyurethane tread is chemically and mechanically bonded to a polypropylene core for high load capacity and extended wear. PP wheels are resistant to oils, acids, and caustics.

Floor Protection



Impact Resistance



Rollability



Chemical Resistance



Load Capacity



Quiet Operation



Bearings

Straight Roller, Precision Ball, Delrin

Temperature Range

-40°F to 180°F

Series Availability

20

22

32

34

30

44

50

71

75

76

38

48

68

CH21

CH32

Wheel Guide

Polyurethane tread wheels provide high capacity and excellent rollability

XM • Advanced Ergonomic • Capacity to 1,500 lbs



Lively polyurethane is mechanically and chemically bonded to a light-weight and durable cast aluminum core. XM wheels are great for push-pull and towing applications.

Floor Protection



Impact Resistance



Rollability



Chemical Resistance



Load Capacity



Quiet Operation



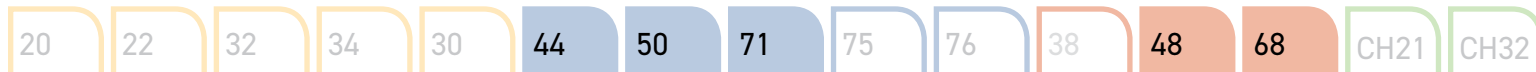
Bearings

Precision Ball

Temperature Range

-40°F to 180°F

Series Availability



PI • Polyurethane on Iron • Capacity to 3,000 lbs



Polyurethane tread is chemically bonded to a cast iron core delivering a cushioned ride, excellent mobility, and long life under heavy loads. PI wheels provide good floor protection.

Floor Protection



Impact Resistance



Rollability



Chemical Resistance



Load Capacity



Quiet Operation



Bearings

Straight Roller, Precision Ball, Tapered

Temperature Range

-40°F to 180°F

Series Availability



PA • Polyurethane on Aluminum • Capacity to 1,500 lbs



Polyurethane is chemically bonded to a cast aluminum core delivering a cushioned ride, excellent mobility and long life under heavy loads. PA wheels offer a corrosion resistant hub.

Floor Protection



Impact Resistance



Rollability



Chemical Resistance



Load Capacity



Quiet Operation



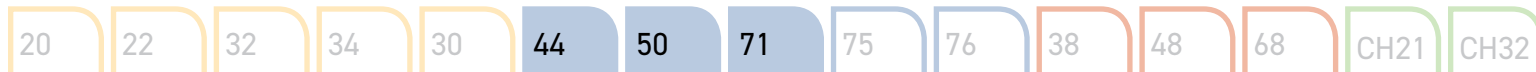
Bearings

Straight Roller, Precision Ball, Delrin

Temperature Range

-40°F to 180°F

Series Availability



SU • Solid Urethane • Capacity to 1,250 lbs



SU wheels are injection molded with high strength urethane that possess the load characteristics of steel, but give a very smooth ride. SU wheels have no core, eliminating tread separation.

Floor Protection



Impact Resistance



Rollability



Chemical Resistance



Load Capacity



Quiet Operation



Bearings

Straight Roller, Precision Ball, Delrin

Temperature Range

-50°F to 180°F

Series Availability



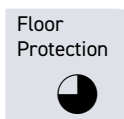
Wheel Guide

Harder tread synthetic wheels offer low rolling resistance and high impact strength

SE • Solid Elastomer • Capacity to 1,800 lbs

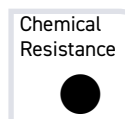


SE wheels feature a one piece construction of high quality blended elastomers. SE wheels carry high loads without breakdown in almost any environment.



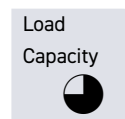
Bearings

Precision Ball



Temperature Range

-50°F to 180°F



Series Availability



PO • Polypropylene / Polyolefin • Capacity to 800 lbs

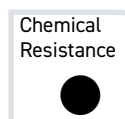


Polypropylene wheels are light weight, inexpensive, and high in impact strength. PO Wheels resist water and chemical absorption and even stand up to steam cleaning. PO wheels are floor protective.



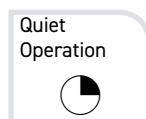
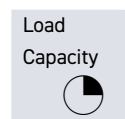
Bearings

Straight Roller, Precision Ball, Delrin



Temperature Range

-20°F to 180°F



Series Availability



GP • Fiberglass Reinforced Polypropylene • Capacity to 1,400 lbs

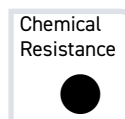


GP wheels offer a high-performance alternative to phenolic and cast iron wheels. These wheels are ideal where moisture and high impact are common.



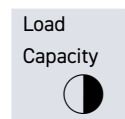
Bearings

Straight Roller, Precision Ball, Delrin



Temperature Range

-20°F to 250°F



Series Availability



PN • Phenolic • Capacity to 2,900 lbs

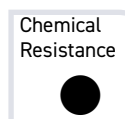


PN wheels offer a high strength, economical alternative for demanding applications. Phenolic wheels are non-marking, non-conductive, and provide good floor protection. Not for use in wet environments.



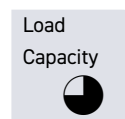
Bearings

Straight Roller, Delrin, Plain Bore



Temperature Range

-40°F to 275°F



Series Availability



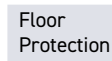
Wheel Guide

Hard tread synthetic and ferrous wheels provide the highest capacities available

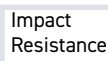
NX • Solid Nylon • Capacity to 5,400 lbs



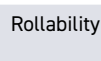
NX wheels are machined from a solid billet of high tensile strength nylon. Excellent for high impact, abusive environment. High capacity with floor protection.



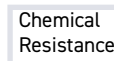
Floor Protection



Impact Resistance



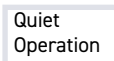
Rollability



Chemical Resistance



Load Capacity



Quiet Operation

Bearings

Precision Ball

Temperature Range

-40°F to 180°F

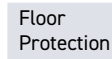
Series Availability



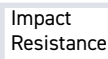
CI • Cast Iron • Capacity to 2,800 lbs



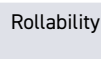
CI wheels are exceptionally long-lasting, highly shock resistant, and a good choice for warehouses and manufacturing plants. Not recommended where floor protection is required.



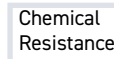
Floor Protection



Impact Resistance



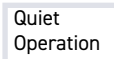
Rollability



Chemical Resistance



Load Capacity



Quiet Operation

Bearings

Straight Roller, Plain Bore, Tapered

Temperature Range

-40°F to 800°F

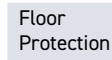
Series Availability



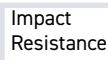
FS • Forged Steel • Capacity to 5,000 lbs



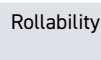
Die formed from pre-heated carbon steel billets, FS wheels offer the highest load capacity, impact resistance, and rollability of any caster wheel.



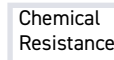
Floor Protection



Impact Resistance



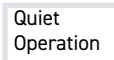
Rollability



Chemical Resistance



Load Capacity



Quiet Operation

Bearings

Straight Roller, Tapered

Temperature Range

-50°F to 800°F

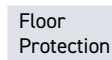
Series Availability



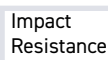
VI • V-Groove Cast Iron • Capacity to 2,500 lbs



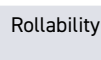
High-strength cast iron wheels with a 90-degree groove for track operations. Track alignment is critical when using VI wheels.



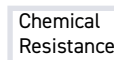
Floor Protection



Impact Resistance



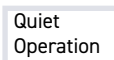
Rollability



Chemical Resistance



Load Capacity



Quiet Operation

Bearings

Straight Roller, Plain Bore, Tapered

Temperature Range

-40°F to 800°F

Series Availability



Didn't Find Your Caster?

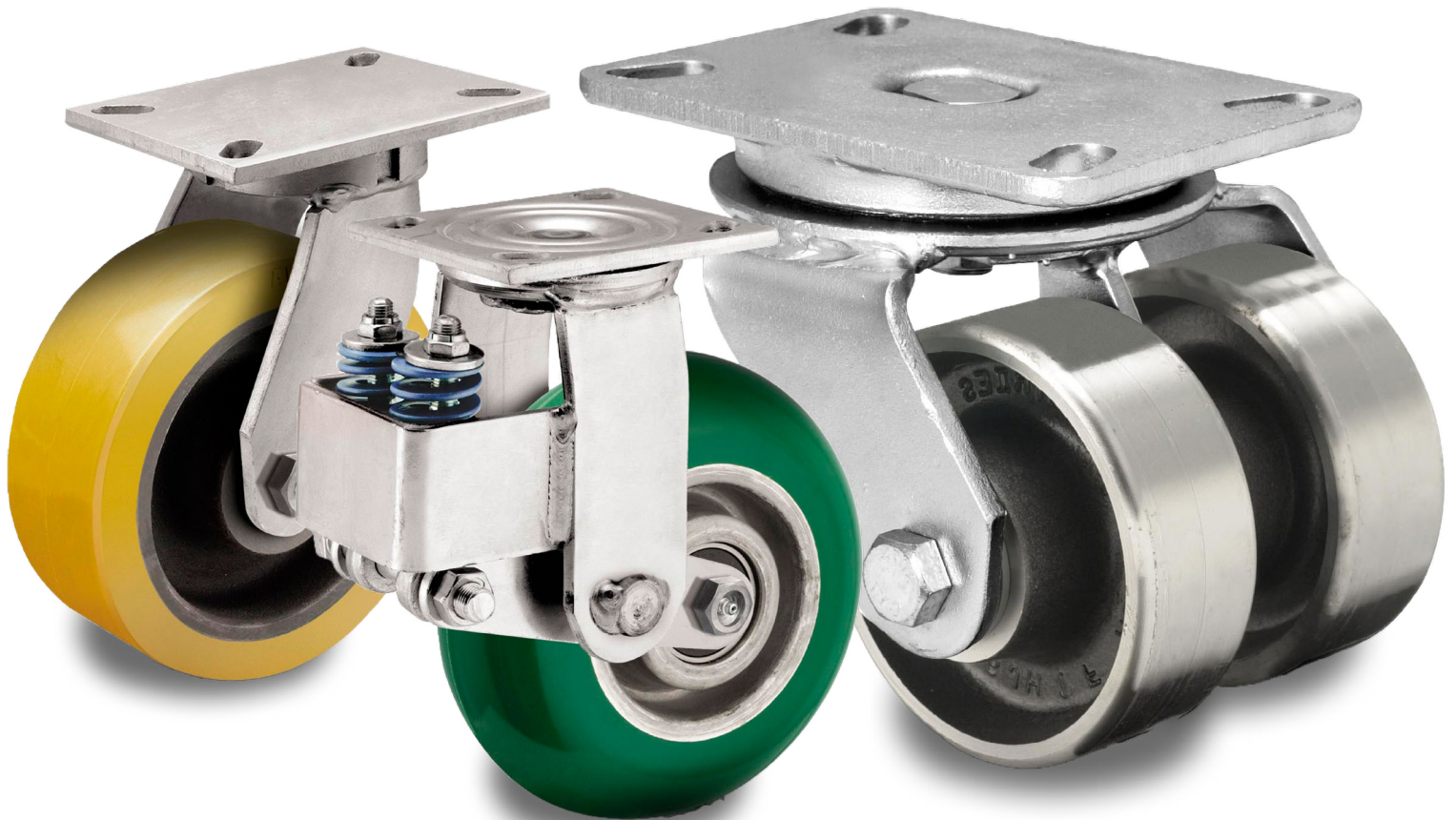
There's a world of casters and wheels beyond these pages

Looking for something with a bit more capacity? Need a spring loaded caster? How about high performance urethanes? No matter the requirement, we can provide a caster that meets your needs.

The best way to solve a difficult caster problem is to get in touch with our caster experts directly. You can call us at **800.777.0600** or submit a request for quote at www.cc-efi.com/rfq.

To help you get your answer as quickly as possible, here's some questions we normally ask:

- What is the total load being transported?
- Is the load sensitive?
- Will the cart be in an oven or freezer?
- Are there any height restrictions?
- Is the environment wet?
- Are chemicals or oils present?
- What kind of floor will the casters be on?
- Are there obstructions on the floor?



Visit www.cc-efi.com/rfq today!



We do more than casters!

We deliver material handling and storage solutions that improve material flow in manufacturing, distribution, and warehousing.

800.777.0600 | www.cc-efi.com



HOME OFFICE
29570 Clemens Rd
Westlake, OH 44145

PHONE: 800.777.0600
FAX: 216.631.4448

WWW.CC-EFI.COM

OFFICES IN
Ohio, New York, Pennsylvania, Michigan

© 2020 Conveyer & Caster Corp. All rights reserved.