

# Rhombus

**By**

**SERVICE  
CASTER  
CORP.**

**1-800-215-8220**



**Service Caster Corp., 9 First Avenue, West Reading, PA 19611**

# RHOMBUS CASTER NUMBERING SYSTEM

367	H	32	C	125	B	Z	PF
HOUSING SERIES	BRAKE SYSTEM	WHEEL SERIES	WHEEL BEARING TYPES	WHEEL DIAMETER	TREAD-WHEEL MATERIAL	CASTER FINISH	MOUNTING INSTALLATION TYPES
<p>"300-399, 600" Institutional and Medical Light-Duty Industrial Casters Load Capacity to 220lbs.</p>	"A" Without Brake	"OO" Solid Nylon	"C" Formed Cup and Cone Bearings	<p>Two Inch (50mm) Through Eight Inch (200mm) Diameter Available</p>	"A" Conductive, Black	"C" Chrome	Top Plate Specify either "PB, PC, PD, PF, PK
	"B" Wheel Brake	29" Polyurethane & TPR	"G" Plain Bearings		"B" Grey, Non-Marking		"K" Composite Nylon
	"H" Total Lock: Combination Swivel Locks & Wheel Brakes				"C" Black	<p>Bolt Hole Fitting "LC"=3/8" Dia. "LD"=7/16" Dia. "LU"=1/2" Dia.</p>	
	"R" Steering or Directional Swivel Locks	"35" Polyurethane	"K" Precision Ball Bearings		"P" Nylon, White		
					"Q, R" Wheel, Swivel & Directional Locks for Central Locking System Casters	"30, 32" Steel Discs	"R" Roller Bearings
	"V" Polyurethane						
"W" Extra-Soft Grey Rubber							
"400-499" Medium-Duty Industrial Casters Load Capacity to 1300lbs.	"Q, R" Wheel, Swivel & Directional Locks for Central Locking System Casters	"30, 32" Steel Discs	"R" Roller Bearings		"X" Nylon, Black		
					"14, 33, Nylon, Plastic Mold-Ons		

**Series 340/345/341/346**

**Load Capacity 90-145 Lbs.**



#341H...

**Product Features:**

- Large Double Ball Bearing Raceway
- Sturdy, Resistant to corrosion
- Large Selection of mounting and wheel options
- Standard Zinc Chromatized Finish & others optional
- Nut and Bolt axle, standard with cup/cone bearings
- Riveted axle, standard with plain bore wheels and 50mm/2" casters

**Brakes/Locks**

All brakes are trailing style (brake lever over the wheel)  
 340B Plastic red coated "wheel brake" - 2"  
 341H Plastic black "total lock brake" - 3" & 4"

**Wheels**

	Diameter	Profile	Bearings	Tread	Durometer	Threadguards
00G/x	2" - 4" 50 mm - 100 mm	Flat	Plain Bore	Black Nylon	100	None
33G/b	2" - 4" 50 mm - 100 mm	Flat	Plain Bore	Grey Rubber	80	None
33C/b	2" - 3" 50 mm - 100 mm	Flat	Cup & Cone	Grey Rubber	80	Metal
30C/b	3" - 4" 75 mm - 100 mm	Flat	Cup & Cone	Grey Rubber	80	Metal
30C/a	3" - 4" 100 mm	Flat	Cup & Cone	Black Antistatic	80	Metal
34C/r	3" 75 mm	Round	Ball	Grey TPR	80	Plastic
34C/v	3" 75 mm	Round	Ball	Grey PU	95	Plastic

Nylon Wheels are resistant to gasoline, diesel oils, vegetable and animal fats.  
 Gray Rubber Wheels are non-marking to floors.

Wheel dimensions in inches are approximate but exact in millimeters.

# FAULTLESS/ RHOMBUS DIVISION

## Series 341/340/345/346

Load Capacity 90-145 Lbs.



CASTERS

Wheel Diameter (In.)	Tread Width (In.)	Wheel Material	Wheel Bearing	Load Rating (Lbs.)	Load Rating (Kg)	Swivel Caster	Rigid Caster	Total Lock Caster
2 (50 mm)	3/4 (18 mm)	Nylon/Black	Plain Bore	90	40	340a 00G050xZPB	345a 00G050xZPB	340b 00G050xZPB
		Rubber/Nylon	Plain Bore	90	40	340a 33G050bZPB	345a 33G050bZPB	340b 33G050bZPB
		Rubber/Nylon	Cup & Cone	90	40	340a 33C050bZPB	345a 33C050bZPB	340b 33C050bZPB
3 (75 mm)	3/4 (23 mm)	Nylon/Black	Plain Bore	110	50	341a 00G075xZPC	346a 00G075xZPC	341h 00G075xZPC
		Rubber/Nylon	Plain Bore	110	50	341a 33G075bZPC	346a 33G075bZPC	341h 33G075bZPC
		Rubber/Steel	Cup & Cone	110	50	341a 30C075BZPC	346a 30C075BZPC	341h 30C075BZPC
		TPR/Nylon	Ball	110	50	341a 34C075rZPC	346a 34C075rZPC	341h 34C075rZPC
		PU/Nylon	Ball	110	50	341a 34C075vZPC	346a 34C075vZPC	341h 34C075vZPC
		Rubber/Nylon	Cup & Cone	110	50	341a 33C075bZPC	346a 33C075bZPC	341h 33C075bZPC
4 (100 mm)	3/4 (23 mm)	Nylon/Black	Plain Bore	145	66	341a 00G100xZPC	346a 00G100xZPC	341h 00G100xZPC
		Rubber/Nylon	Plain Bore	145	66	341a 33G100bZPC	346a 33G100bZPC	341h 33G100bZPC
		Rubber/Steel	Cup & Cone	145	66	341a 30C100BZPC	346a 30C100BZPC	341h 30C100BZPC

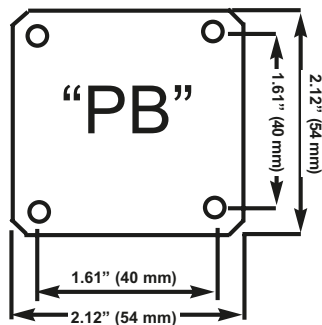
### Specification

Diameter	2" (341) 50 mm	3" (341) 75 mm	4" (341) 100mm
Load Height	2.76" 70mm	4.06" 103 mm	4.88" 124 mm
Offset	.944" 24mm	1.44" 36 mm	1.45" 37 mm
Caster Weight	8.9 oz 250 gr	14.2 oz 403 gr	1 lb/5 oz 597 gr

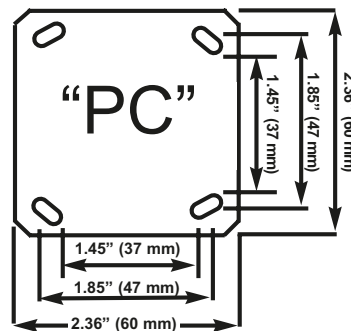
Brakes: B= Wheel Brake      Bearings: G= Plain Bore  
H= Total Lock                      C= Cup & Cone

Axle Diameter: .236" - 6 mm  
.315" - 8 mm

### Plate Sizes:



PB - Top Plate only available for series 340/345



PC - Top Plate only available for series 341/346

Plate / Thick  
.0937"  
2.37 mm

**Series 340/345/341/346**

Load Capacity 90-145 Lbs.

**Hollow/Kingpin/Stem Mount**

(alter suffix "PB" or "PC" with one of the following options)

Part #	Mounting Style	Description
LC	Hollow Kingpin	.401" - fits 3/8 or 10 mm bolt
GC	Threaded metric stem	.393" x .984" 10 mm x 25 mm (stem pitch 1.5)
RO	Expansion Stem	10 mm x 25mm riveted bolt <i>See Chart for expansion ranges available</i>



#341A...

**Expansion Hardware Fittings**

(alter suffix "PB" or "PC" with one of the following catalog # options)

EXPANSION STEM ADAPTERS		
ROUND TUBING		
Catalog #	Range (Inches)	RANGE (Metric)
R10	.547 - .582	13.9 - 14.8
R11	.586 - .622	14.9 - 15.8
R12	.625 - .661	15.9 - 16.8
R13	.665 - .700	16.9 - 17.8
R14	.704 - .740	17.9 - 18.8
R15	.744 - .779	18.9 - 19.8
R16	.783 - .858	19.9 - 21.8
R17	.862 - .897	21.9 - 22.8
R18	.901 - .937	22.9 - 23.8
R19	.940 - 1.01	23.9 - 25.8
R20	1.01 - 1.13	25.9 - 28.8
R21	1.13 - 1.25	28.9 - 32.0
SQUARE TUBING		
R22	.653 - .736	16.6 - 18.7
R23	.740 - .767	18.8 - 19.5
R24	.771 - .846	19.6 - 21.5
R25	.850 - .885	21.6 - 22.5
R26	.889 - .964	22.6 - 24.5
R27	.968 - 1.04	24.6 - 26.5
R28	1.04 - 1.12	26.6 - 28.5
R29	1.12 - 1.29	28.6 - 33.0

CASTERS

Wheel dimensions in inches are approximate but exact in millimeters.

## Series 360/361

Load Capacity 135-240 Lbs.

### Product Features:

- Double Ball Bearing Raceway
- Use for low profile applications
- Increased Load Capacity / Mobility
- Easy movement over threshold / elevators
- Nut and Bolt axle



#361A...



#361B...

## Wheels

	Diameter	Profile	Bearings	Tread	Durometer	Threadguards
30C/b	3" (75 mm)	Flat	Cup & Cone	Grey Rubber	80	Metal
33C/b	2" - 3" (50 - 75 mm)	Flat	Cup & Cone	Grey Rubber	80	Metal
33G/b	2" (50mm)	Flat	Plain Bore	Grey Rubber	80	None
34C/r	3" (75 mm)	Round	Ball	Grey TPR	80	Plastic

Wheel Diameter (In.)	Wheel Material	Wheel Bearing	Load Rating (Lbs.)	Load Rating (Kg)	Swivel Caster	Tread Width (mm)	Tread Width (inches)
2 (50 mm)	Rubber Grey/Nylon	Plain Bore	135	60	360a 33G050bZPC	2 x 18 mm	2 x 0.7"
	Rubber Grey/Nylon	Cup & Cone	135	60	360a 33C050bZPC	2 x 18 mm	2 x 0.7"
3 (75 mm)	Rubber Grey/Nylon	Cup & Cone	220	100	361a 33C075bZPF	2 x 23 mm	2 x 0.91"
	Rubber Grey/Steel	Cup & Cone	220	100	361a 30C075bZPF	2 x 23 mm	2 x 0.91"
	Polyurethane	Cup & Cone	240	120	361a 35C075vZPF	1 x 45 mm	1 x 1.77"
	TPR Grey/Nylon	Ball	180	80	361a 34C075rZPF	2 x 23 mm	2 x 0.91"
3 (75 mm)	<b>Airline Trolley Caster</b>						
	Rubber Grey	Freeway	220	100	361a 33C075pZPS	2 x 23 mm	2 x 0.91"
					361b 33C075pZPS		

\*\* Wheel Brake

\*361B Plunger style wheel brake available for airline food service carts.

These special casters have Wheel series #33 rubber tire, freeway bearing, blue-gray on polypropylene center, with metal threadguards. Powder coated finish and aluminum styles available upon request. Minimum quantity required.

Note: The standard wheel treads on the airline casters are "ribbed." Smooth tread is optional. Threadguards are standard on airline wheels.

## Series 360/361

Load Capacity 135-240 Lbs.



### Specification

	360	361	Airline
Diameter	2" 50 mm	3" 75 mm	3" 75 mm
Load Height	2.75" 70 mm	3.85" 98 mm	4" 102 mm
Offset	1.25" 32 mm	1.12" 28.5 mm	1.12" 28.5 mm
Caster Weight	12 oz. 340 gr.	1 lb/7 oz. 652 gr.	1 lb/10 oz. 737 gr.

### Hollow/Kingpin/Stem Mount

(alter suffix "PB" or "PC" with one of the following options)

Part #	Mounting Style	Description
LD	Hollow Kingpin	.480" - fits 7/16" or 12 mm bolts
LU	Hollow Kingpin	.501" - fits 1/2" or 13 mm bolts
GU	Threaded Stem (riveted)	1/2" - 13x1" (stem pitch 1.95)
LC	Hollow Kingpin	.401" - fits 3/8" or 10 mm bolts

• Consult factory for other top fittings.

### Plate Sizes:

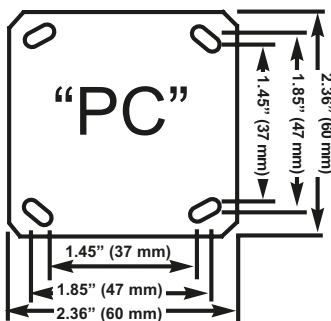


Plate / Thick  
.093"  
2.38 mm

PC - Top Plate only available for series 360

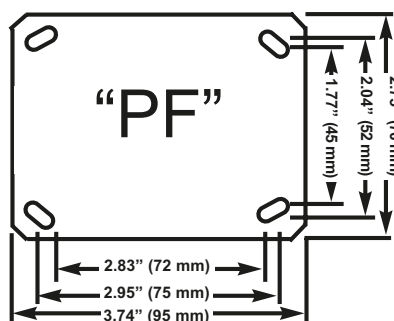


Plate / Thick  
.124"  
3.17 mm

PF - Top Plate only available for series 361

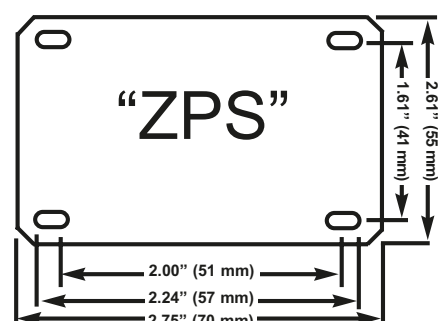


Plate / Thick  
.124"  
3.17 mm

Airline Trolley Caster Top Plate

## Series 600

Load Capacity 220 Lbs.

### Product Features:

- Great for Medical/Hospital equipment; kitchen and catering carts
- Standard Color Gray; Colors Optional
- Non-corrosive; washable
- Free from non-soluble dirt to enter
- All steel fittings are galvanized;
  - \*Stainless Optional

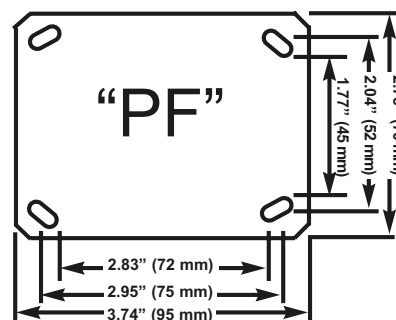


• Easy to maneuver with precision ball bearing wheel  
All Synthetics used have the following characteristics:

- High Strength & Hardness
- High Thermoform resistance
- High Impact Resistance chemicals
- Recyclable
- High Load Capacity
- Resistant against many

### Brakes/Locks:

- 600A Swivel Caster only
- 600H Trailing Total Lock Brake (Black Pedal Standard)
- 600R Directional Lock (Green Pedal Standard)



Mounting Hole Diameter: .354" - 9 mm  
Plate/Thick: .234" - 5.95 mm

CASTERS

Wheel Diameter (In.)	Tread Width (In.)	Wheel Material	Wheel Bearing	Load Rating (Lbs.)	Load Rating (Kg)	Swivel Caster	Total Lock Caster	Directional Lock Caster
5 (125 mm)	1 1/4 (32 mm)	TPR-80	Precision	220	100	600a 29K125rKPF	600h29K125rKPF	600r 29K125rKPF
		PU-95	Precision	220	100	600a 29K125vKPF	600h 29K125vKPF	600r 29K125vKPF
		TPR Antistatic	Precision	220	100	600a 29K125aKPF	600h 29K125aKPF	600r 29K125aKPF
		PU Antistatic	Precision	220	100	600a 29K125yKPF	600h 29K125yKPF	600r 29K125yKPF
Overall Height: 6.45" - 164 mm								
Offset: 1.67" - 42.5 mm								

### Stem Mount

(alter suffix "PF" with one of the following options)

Part #	Mounting Style	Description
GD	Threaded Stem	.472" x .984" - 12 mm x 25 mm
GU	Threaded Stem (riveted)	1/2" - 13 x 1 (stem pitch 1.95)
422*	Solid Stem/metric	.708" x 1.77" - 18 mm; M8/19
522*	Solid Stem/metric	.944" x 1.77" - 24 mm x 45 mm; M8/19

\*Adapters to fit larger diameter tubing sizes.



## Series 364/367/378

Load Capacity 180-220 Lbs.



#378H...



#364A...



#367H...

### Product Features:

- Strong Apparatus Casters with double ball bearing, swivel raceway
- Dust and splash protected by extra plastic ring seal
- Large selection of mounting and wheel options
- Standard Zinc Chromatized Finish & others optional
- Nut and Bolt axle on all diameters
- Easy maneuverability

### Brakes/Locks

367H-378H

Trailing Total Lock Brake - locks wheel and swivel simultaneously with gray release tab on 367 and black on 378

367R-378R

Directional Lock—locks raceway for straight line tracking. Appearance same as 367H, 378H total lock brake except the release tab is green on 378 and gray on 367 with green brake shoe.

364A

Rigid Casters.

### 364/367/378 Wheels

	Diameter	Profile	Bearings	Tread	Durometer	Threadguards
29K/v	3" - 6"	Round	Precision	PU Gray	95	Plastic
29K/r	3" - 6"	Round	Precision	TPR Gray	80	Plastic
29K/a	3" - 6"	Round	Precision	TPR Gray	80	Plastic
29K/y	4" - 6"	Round	Precision	PU Gray	95	Plastic
29G/r	3" - 5"	Round	Plain Bore	TPR Gray	80	None
29G/v	4" - 5"	Round	Plain Bore	PU Gray	95	None
29G/a	5"	Round	Plain Bore	TPR Gray	95	None
32C/a	3" - 8"	Flat	Cup & Cone	Rubber Black	80	Metal
32C/b	3" - 8"	Flat	Cup & Cone	Std Rubber Gray	80	Metal
32C/w	4" - 8"	Flat	Cup & Cone	Extra Soft Gray	55	Metal
00G/x	3" - 5"	Flat	Plain Bore	Black Nylon	100	None
00G/p	3" - 5"	Flat	Plain Bore	White Nylon	100	None

CASTERS

# FAULTLESS/ RHOMBUS DIVISION

## Series 367/364

Load Capacity 220 Lbs.

Wheel Diameter (In.)	Tread Width (In.)	Wheel Material	Wheel Bearing	Load Rating (Lbs.) (Kg)		Swivel Caster	Rigid Caster	Total Lock Caster	Directional Lock Caster
3 (80 mm)	1 1/4" (32 mm)	Nylon/Black	Plain Bore	220	100	367a 00G080xZPF	364a 00G080xZPF	367h 00G080xZPF	367r 00G080xZPF
		Nylon/White	Plain Bore	220	100	367a 00G080pZPF	364a 00G080pZPF	367h 00G080pZPF	367r 00G080pZPF
		TPR/Nylon	Plain Bore	220	100	367a 29G080rZPF	364a 29G080rZPF	367h 29G080rZPF	367r 29G080rZPF
		TPR/Nylon	Precision	220	100	367a 29K080rZPF	364a 29K080rZPF	367h 29K080rZPF	367r 29K080rZPF
		TPR/Nylon Antistatic	Precision	220	100	367a 29K080vZPF	364a 29K080aZPF	367h 29K080aZPF	367r 29K080aZPF
		PU/Nylon	Precision	220	100	367a 29K080vZPF	364a 29K080vZPF	367h 29K080vZPF	367r 29K080vZPF
		Rubber/Steel	Cup & Cone	220	100	367a 32C080bZPF	364a 32C080bZPF	367h 32C080bZPF	367r 32C080bZPF
Rubber/Steel Antistatic	Cup & Cone	220	100	367a 32C080aZPF	364a 32C080aZPF	367h 32C080aZPF	367r 32C080aZPF		
4 (100 mm)	1 1/4" (32 mm)	Nylon/Black	Plain Bore	220	100	367a 00G100xZPF	364a 00G100xZPF	367h 00G100xZPF	367r 00G100xZPF
		Nylon/White	Plain Bore	220	100	367a 00G100pZPF	364a 00G100pZPF	367h 00G100pZPF	367r 00G100pZPF
		TPR/Nylon	Plain Bore	220	100	367a 29G100rZPF	364a 29G100rZPF	367h 29G100rZPF	367r 29G100rZPF
		TPR/Nylon	Precision	220	100	367a 29K100rZPF	364a 29K100rZPF	367h 29K100rZPF	367r 29K100rZPF
		TPR/Nylon Antistatic	Precision	220	100	367a 29K100aZPF	364a 29K100aZPF	367h 29K100aZPF	367r 29K100aZPF
		PU/Nylon	Plain Bore	220	100	367a 29G100vZPF	364a 29G100vZPF	367h 29G100vZPF	367r 29G100vZPF
		PU/Nylon	Precision	220	100	367a 29K100vZPF	364a 29K100vZPF	367h 29K100vZPF	367r 29K100vZPF
		PU/Nylon Antistatic	Precision	220	100	367a 29K100yZPF	364a 29K100yZPF	367h 29K100yZPF	367r 29K100yZPF
		Rubber/Steel	Cup & Cone	220	100	367a 32C100bZPF	364a 32C100bZPF	367h 32C100bZPF	367r 32C100bZPF
Rubber/Steel Antistatic	Cup & Cone	220	100	367a 32C100aZPF	364a 32C100aZPF	367h 32C100aZPF	367r 32C100aZPF		
Rubber/Steel Soft	Cup & Cone	220	100	367a 32C100wZPF	364a 32C100wZPF	367h 32C100wZPF	367r 32C100wZPF		
5 (125 mm)	1 1/4" (32 mm)	Nylon/Black	Plain Bore	220	100	367a 00G125xZPF	364a 00G125xZPF	367h 00G125xZPF	367r 00G125xZPF
		Nylon/White	Plain Bore	220	100	367a 00G125pZPF	364a 00G125pZPF	367h 00G125pZPF	367r 00G125pZPF
		TPR/Nylon	Plain Bore	220	100	367a 29G125rZPF	364a 29G125rZPF	367h 29G125rZPF	367r 29G125rZPF
		TPR/Nylon	Precision	220	100	367a 29K125rZPF	364a 29K125rZPF	367h 29K125rZPF	367r 29K125rZPF
		TPR/Nylon Antistatic	Plain Bore	220	100	367a 29G125aZPF	364a 29G125aZPF	367h 29G125aZPF	367r 29G125aZPF
		TPR/Nylon Antistatic	Precision	220	100	367a 29K125aZPF	364a 29K125aZPF	367h 29K125aZPF	367r 29K125aZPF
		PU/Nylon	Plain Bore	220	100	367a 29G125vZPF	364a 29G125vZPF	367h 29G125vZPF	367r 29G125vZPF
		PU/Nylon	Precision	220	100	367a 29K125vZPF	364a 29K125vZPF	367h 29K125vZPF	367r 29K125vZPF
		PU/Nylon Antistatic	Precision	220	100	367a 29K125yZPF	364a 29K125yZPF	367h 29K125yZPF	367r 29K125yZPF
Rubber/Steel	Cup & Cone	220	100	367a 32C125bZPF	364a 32C125bZPF	367h 32C125bZPF	367r 32C125bZPF		
Rubber/Steel Antistatic	Cup & Cone	220	100	367a 32C125aZPF	364a 32C125aZPF	367h 32C125aZPF	367r 32C125aZPF		
Rubber/Steel Soft	Cup & Cone	220	100	367a 32C125wZPF	364a 32C125wZPF	367h 32C125wZPF	367r 32C125wZPF		
6 (150 mm)	1 1/4" (32 mm)	TPR/Nylon	Precision	220	100	367a 29K150rZPF	364a 29K150rZPF	367h 29K150rZPF	367r 29K150rZPF
		TPR/Nylon Antistatic	Precision	220	100	367a 29K150aZPF	364a 29K150aZPF	367h 29K150aZPF	367r 29K150aZPF
		PU/Nylon	Precision	220	100	367a 29K150vZPF	364a 29K150vZPF	367h 29K150vZPF	367r 29K150vZPF
		PU/Nylon Antistatic	Precision	220	100	367a 29K150yZPF	364a 29K150yZPF	367h 29K150yZPF	367r 29K150yZPF
		Rubber/Steel	Cup & Cone	220	100	367a 32C150bZPF	364a 32C150bZPF	367h 32C150bZPF	367r 32C150bZPF
		Rubber/Steel Antistatic	Cup & Cone	220	100	367a 32C150aZPF	364a 32C150aZPF	367h 32C150aZPF	367r 32C150aZPF
Rubber/Steel Soft	Cup & Cone	220	100	367a 32C150wZPF	364a 32C150wZPF	367h 32C150wZPF	367r 32C150wZPF		
8 (200 mm)	1 1/4" (32 mm)	Rubber/Steel	Cup & Cone	220	100	367a 32C200bZPF	364a 32C200bZPF	367h 32C200bZPF	367r 32C200bZPF
		Rubber/Steel Antistatic	Cup & Cone	220	100	367a 32C200aZPF	364a 32C200aZPF	367h 32C200aZPF	367r 32C200aZPF
		Rubber/Steel Soft	Cup & Cone	220	100	367a 32C200wZPF	364a 32C200wZPF	367h 32C200wZPF	367r 32C200wZPF

## Series 378/364

Load Capacity 220 Lbs.



#378H...

Wheel Diameter (In.)	Tread Width (In.)	Wheel Material	Wheel Bearing	Load Rating (Lbs.) (Kg)		Swivel Caster	Rigid Caster No.	Total Lock	Directional Lock
4 (100 mm)	1 1/4" (32 mm)	Nylon/Black	Plain Bore	220	100	378a 00G100xZPF	364a 00G100xZPF	378h 00G100xZPF	378r 00G100xZPF
		Nylon/White	Plain Bore	220	100	378a 00G100pZPF	364a 00G100pZPF	378h 00G100pZPF	378r 00G100pZPF
		TPR/Nylon	Plain Bore	220	100	378a 29G100rZPF	364a 29G100rZPF	378h 29G100rZPF	378r 29G100rZPF
		TPR/Nylon	Precision	220	100	378a 29K100rZPF	364a 29K100rZPF	378h 29K100rZPF	378r 29K100rZPF
		TPR/Nylon Antistatic	Precision	220	100	378a 29K100aZPF	364a 29K100aZPF	378h 29K100aZPF	378r 29K100aZPF
		PU/Nylon	Plain Bore	220	100	378a 29G100vZPF	364a 29G100vZPF	378h 29G100vZPF	378r 29G100vZPF
		PU/Nylon	Precision	220	100	378a 29K100vZPF	364a 29K100vZPF	378h 29K100vZPF	378r 29K100vZPF
		PU/Nylon Antistatic	Precision	220	100	378a 29K100yZPF	364a 29K100yZPF	378h 29K100yZPF	378r 29K100yZPF
		Rubber/Steel	Cup & Cone	220	100	378a 32C100bZPF	364a 32C100bZPF	378h 32C100bZPF	378r 32C100bZPF
		Rubber/Steel Antistatic	Cup & Cone	220	100	378a 32C100aZPF	364a 32C100aZPF	378h 32C100aZPF	378r 32C100aZPF
Rubber/Steel Soft	Cup & Cone	220	100	378a 32C100wZPF	364a 32C100wZPF	378h 32C100wZPF	378r 32C100wZPF		
5 (125 mm)	1 1/4" (32 mm)	Nylon/Black	Plain Bore	220	100	378a 00G125xZPF	364a 00G125xZPF	378h 00G125xZPF	378r 00G125xZPF
		Nylon/White	Plain Bore	220	100	378a 00G125pZPF	364a 00G125pZPF	378h 00G125pZPF	378r 00G125pZPF
		TPR/Nylon	Plain Bore	220	100	378a 29G125rZPF	364a 29G125rZPF	378h 29G125rZPF	378r 29G125rZPF
		TPR/Nylon	Precision	220	100	378a 29K125rZPF	364a 29K125rZPF	378h 29K125rZPF	378r 29K125rZPF
		TPR/Nylon Antistatic	Plain Bore	220	100	378a 29G125aZPF	364a 29G125aZPF	378h 29G125aZPF	378r 29G125aZPF
		TPR/Nylon Antistatic	Precision	220	100	378a 29K125aZPF	364a 29K125aZPF	378h 29K125aZPF	378r 29K125aZPF
		PU/Nylon	Plain Bore	220	100	378a 29G125vZPF	364a 29G125vZPF	378h 29G125vZPF	378r 29G125vZPF
		PU/Nylon	Precision	220	100	378a 29K125vZPF	364a 29K125vZPF	378h 29K125vZPF	378r 29K125vZPF
		PU/Nylon Antistatic	Precision	220	100	378a 29K125yZPF	364a 29K125yZPF	378h 29K125yZPF	378r 29K125yZPF
		Rubber/Steel	Cup & Cone	220	100	378a 32C125bZPF	364a 32C125bZPF	378h 32C125bZPF	378r 32C125bZPF
Rubber/Steel Antistatic	Cup & Cone	220	100	378a 32C125aZPF	364a 32C125aZPF	378h 32C125aZPF	378r 32C125aZPF		
Rubber/Steel Soft	Cup & Cone	220	100	378a 32C125wZPF	364a 32C125wZPF	378h 32C125wZPF	378r 32C125wZPF		

## Series 367/364/378

Load Capacity 180-220 Lbs.



#367H...

#378H...

#364A...

### Specification

Diameter	3" 80 mm	4" 100 mm	5" 125 mm	6" 150 mm	8" 200 mm
Load Height	4.60" 117 mm	5.39" 137 mm	6.39" 162.5 mm	7.44" 189 mm	9.48" 241 mm
Offset	1.73" 44 mm	1.65" 42 mm	1.73" 44 mm	2.00" 51 mm	2.40" 61 mm
Caster Weight	1 lb/14 oz. 851 gr.	2 lb/5 oz. 1048 gr.	2 lb/9 oz. 1,162 gr.	3 lb/2 oz. 1,418 gr.	5 lb 2,268 gr.

Axle Diameter: .314" - 8mm

Plate Sizes:

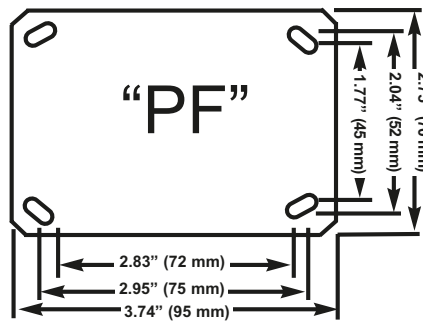
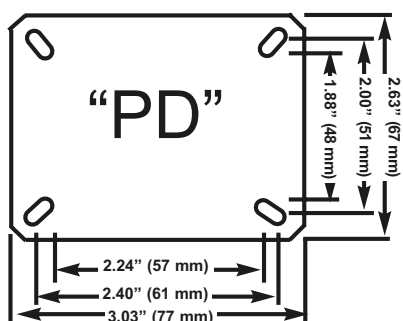


Plate / Thick  
.0937"  
2.37 mm

Hollow Kingpin/Stem Mount (alter suffix "PF" with one of the following options)

Part #	Mounting Style	Description
LD	Hollow Kingpin	.480" - fits 7/16" or 12 mm bolts
LU	Hollow Kingpin	.501" - fits 1/2" bolts
GU	Threaded Stem (riveted)	1/2" - 13 x 1 (stem pitch 1.95) 12.7 mm x 25.4 mm
R1	Expansion Stem	See chart on next page for sizes
029	Solid Stem	1" x 1-3/4" - Threaded hole M8/19 mm
422*	Solid Stem/metric	18 mm x 45 mm (.708" x 1.77"); M8/19
522*	Solid Stem/metric	24 mm x 45 mm (.944" x 1.77" ); M8/19
116*	Solid Stem/metric	18 mm x 60 mm (.708" x 2.36"); M6/30

\*Reducer bushing to fit 10 mm or 3/8" bolts please order part #09456 (Bushing is compatible with all "LD" - Hollow King Pin mounts.

\*10 mm bolt available please order part # 09516

\*12 mm bolt available please order part # 09509

## Series 367/364/378

Load Capacity 180-220 Lbs.



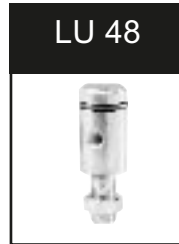
#367A...



LU 37



LU 40



LU 48

Other Stems available used with "LU" hollow kingpin casters shown above.

Part #	Mounting Style	Description
LU 37	Grip Ring Pin	7/16" x 1-29/32
LU 40	Grip Ring Pin	7/16" x 1-3/8"
LU 48	Grip Ring Pin	1" x 1-3/4" Solid Stem with Threaded Hole (M8/19 mm)

\*All above stems supplied separately with nut, unassembled (nut part # 09427)

## Expansion Hardware Fittings



#367A...

EXPANSION STEM ADAPTERS		
ROUND TUBING		
Catalog #	Range (Inches)	RANGE (Metric)
R66	.700 - .775	17.8 - 19.7
R67	.779 - .854	19.8 - 21.7
R68	.858 - .972	21.8 - 24.7
R69	.976 - 1.12	24.8 - 28.7
R70	1.13 - 1.28	28.8 - 32.7
SQUARE TUBING		
R71	.771 - .822	19.6 - 20.9
R72	.826 - .862	21.0 - 21.9
R73	.866 - .944	22.0 - 24.0
R75	1.01 - 1.12	25.8 - 28.5
R76	1.12 - 1.16	28.6 - 29.5
R77	1.16 - 1.28	29.6 - 32.7
R79	1.36 - 1.45	34.6 - 37.0

All above adapters supplied separately, unassembled.

Note: add stem suffix and one of the following adapter part # options Example: 367A 32C125bZ422-22.2

SOLID STEM ADAPTERS				
Solid Stem M8/19 mm threaded hole				
Stem #	Stem Diameter	Stem Length	Adapters Available	Adapter Part #
422	18 mm (.708")	45 mm (1.77")	22.2 mm (.866")	-22.2
522	24 mm (.944")	45 mm (1.77")	27.8 mm (1.09")	-27.2
522	24 mm (.944")	45 mm (1.77")	28 mm (1.10")	-28.0
Solid Stem M6/18 mm threaded hole				
116	18 mm (.708")	60 mm (2.36")	22.2 mm (.875") Round/Square	-22.2 Round -22.2 Square
For 1" x 1-3/4" solid stem with M8/19mm (see "029" stem on previous page)				

Wheel dimensions in inches are approximate but exact in millimeters.

CASTERS

## Central Locking Caster

### Central Locking Brakes

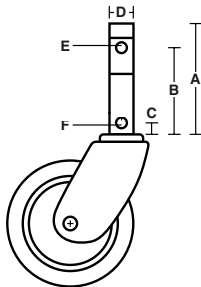
Hospital beds must be reliable and easy to manoeuvre. Modern hospital beds are therefore equipped with central locking brake mechanisms, which enable time and energy-saving operation.

The mechanism allows a central lever to select the following modes of operation:

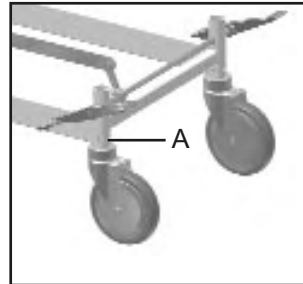
1. Motion straight ahead (only when equipped with directional locking brake mode)
2. Changes of direction: free mobility of all the casters
3. Full locking of all four casters

Type I: Locking lever (hex cam) across travel direction

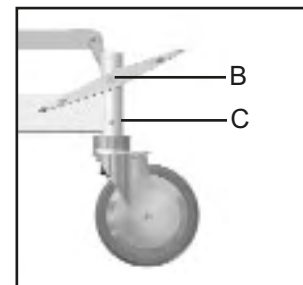
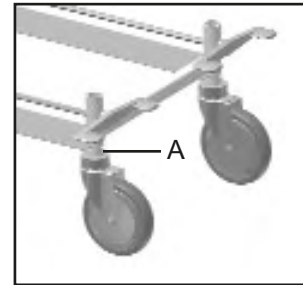
Type II: Locking lever (hex cam) in travel direction



Type I



Type II



### Standard Stem

When ordering, please indicate: options

Stem Type	Metric		
Length of Stem: (A)	99.5 mm	92 mm	50 mm
Hex Cam Height: (B)	78.5 mm	71 mm	34 mm
*Threaded Hole Height: (C)	18 mm or 19 mm	18 mm or 19 mm	7 mm
Diameter of Stem: (D)	27.8 mm*, 27.8 mm*, 32 mm		
**Diameter of Hex Cam: (E)	US standard to fit 7/16" hex rod		
Diameter of Threaded Hole: (F)	M8 or M6, M8 or M6, M6		

\* Stem is supplied with 4 threaded holes

\* Adaptors can be supplied in the following outside diameter:

Round tubing: 28 mm; 28.4 mm; 28.9 mm; 33.65 mm

Square tubing: 33.64 mm

## Series 390

Load Capacity 220-264 Lbs.



#390Q or R...

### Product Features:

- Double Ball bearing swivel raceways.
- Standard with gray TPR, non-marking wheel with precision bearing and plastic threadguards
- Large Selection of mounting and wheel options
- Standard Zinc Chromatized Finish & others optional
- Nut and Bolt axle on all diameters
- Enclosed construction with operating cam to suit 7/16" hex bars
- Protected from dust & water by plastic sealing ring

### Brakes/Locks

- 390Q Central Locking system - Locks wheel and swivel simultaneously  
2 functions - Total Lock or Swivel Free
- 390R Directional Lock - Locks raceway for straight line tracking  
3 functions - Total Lock , Swivel Lock or Swivel Free

Wheel Diameter (In.)	Tread Width (In.)	Wheel Material	Wheel Bearing	Load Rating (Lbs.) (Kg)		Total Lock Caster	Total Directional Lock Caster
3 (80 mm)	1 1/4 (32 mm)	Rubber/Steel	Cup & Cone	220	100	390q32C080bZ	390r32C080bZ
		Rubber/Steel/Antistatic	Cup & Cone	220	100	390q32C080aZ	390r32C080aZ
		TPR/Nylon	Precision	220	100	390q29K080rZ	390r29K080rZ
		TPR/Nylon/Antistatic	Precision	220	100	390q29K080aZ	390r29K080aZ
		Polyurethane/Nylon	Precision	220	100	390q29K080vZ	390r29K080vZ
4 (100 mm)	1 1/4 (32 mm)	Rubber/Steel	Cup & Cone	220	100	390q32C100bZ	390r32C100bZ
		Rubber/Steel/Antistatic	Cup & Cone	220	100	390q32C100aZ	390r32C100aZ
		TPR/Nylon	Precision	220	100	390q29K100rZ	390r29K100rZ
		TPR/Nylon/Antistatic	Precision	220	100	390q29K100aZ	390r29K100aZ
		Polyurethane/Nylon	Precision	220	100	390q29K100vZ	390r29K100vZ
5 (125 mm)	1 1/4 (32 mm)	Rubber/Steel	Cup & Cone	220	100	390q32C125bZ	390r32C125bZ
		Rubber/Steel/Antistatic	Cup & Cone	220	100	390q32C125aZ	390r32C125aZ
		TPR/Nylon	Precision	220	100	390q29K125rZ	390r29K125rZ
		TPR/Nylon/Antistatic	Precision	220	100	390q29K125aZ	390r29K125aZ
		Polyurethane/Nylon	Precision	220	100	390q29K125vZ	390r29K125vZ
6 (150 mm)	1 1/4 (32 mm)	Rubber/Steel	Cup & Cone	264	120	390q32C150bZ	390r32C150bZ
		Rubber/Steel/Antistatic	Cup & Cone	264	120	390q32C150aZ	390r32C150aZ
		TPR/Nylon	Precision	264	120	390q29K150rZ	390r29K150rZ
		TPR/Nylon/Antistatic	Precision	264	120	390q29K150aZ	390r29K150aZ
		Polyurethane/Nylon	Precision	264	120	390q29K150vZ	390r29K150vZ
8 (200 mm)	1 1/4 (32 mm)	Rubber/Steel	Cup & Cone	264	120	390q32C200bZ	390r32C200bZ
		Rubber/Steel/Antistatic	Cup & Cone	264	120	390q32C200aZ	390r32C200aZ
		Polyurethane/Steel	Cup & Cone	264	120	390q32C200vZ	390r32C200vZ

Note: Above mentioned casters available with precision ball bearing in raceway. Consult Factory.

CASTERS

**Series 390**

Load Capacity 220 Lbs.



#390Q or R...

**Specification**

<b>Diameter</b>	3" 80 mm	4" 100 mm	5" 125 mm	6" 150 mm	8" 200 mm
<b>Load Height</b>	4.45" 113 mm	5.23" 133 mm	6.22" 158 mm	7.428" 185 mm	9.33" 237 mm
<b>Offset</b>	1.71" 43.5 mm	1.63" 41 mm	1.69" 43 mm	2.00" 51 mm	2.4" 61 mm
<b>Caster Weight</b>	2 lb/1.3 oz. 944 gr.	2 lb/4 oz. 1020 gr.	3 lb/5 oz. 1,503 gr.	3 lb/15 oz. 1,786 gr.	5 lb/9 oz. 2,523.1 gr.

\* All overall height includes raceway support washer.

**Central Locking Caster Accessories**

<b>Part Number</b>	9511077C	9511078C	9511065C	9511066C	9511019
<b>Lever Type</b>	Double	Double	Single	Single	Link*
<b>Pedal Style</b>	Flat	Flat	Flat	Flat	-----
<b>Overall Width</b>	2.32"	2.32"	1.87"	1.87"	1.06"
<b>Overall Length</b>	8.98"	8.98"	4.80"	4.80"	3.42"
<b>Pedal Width</b>	.173"	.173"	4.80"	4.80"	-----
<b>Pedal Length</b>	1.96"	1.96"	-----	-----	-----
<b>Finish</b>	Chrome	Chrome	Chrome	Chrome	Die cast
<b>Left/Right/Both</b>	Left	Right	Right	Left	-----

\* Transmission Link - Center to Center 63.75 mm - 2.5" - Options available  
Central Locking Levers to fit 7/16" Hex Cams

**CASTERS**



## Series 395

Load Capacity 220-264 Lbs.

Hospital bed caster with plunger style central lock brake



#395Q or R...

### Product Features:

- Double ball bearing swivel raceways. Standard with gray TPR, non marking wheel with precision bearing and plastic threadguards
- Large Selection of mounting and wheels options
- Standard Zinc Chromatized Finish & others optional
- Nut and Bolt axle on all diameters

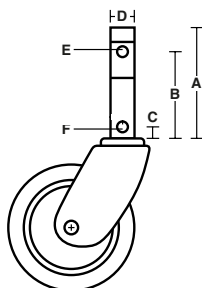
### Brakes/Locks

- 395Q Central locking system - Locks wheel and swivel simultaneously  
2 functions - Total Lock or Swivel Free
- 395R Directional Lock - Locks raceway for straight line tracking  
3 functions - Total Lock , Swivel Lock or Swivel Free

Wheel Diameter (In.)	Tread Width (In.)	Wheel Material	Wheel Bearing	Load Rating (Lbs.) (Kg)		Total Lock Caster	Total Directional Lock Caster
4 (100 mm)	1 1/4 (32 mm)	Rubber/Steel	Cup & Cone	220	100	395q32C100bZ029	395r32C100bZ029
		Rubber/Steel/Antistatic	Cup & Cone	220	100	395q32C100aZ029	395r32C100aZ029
		TPR/Nylon	Precision	220	100	395q29K100rZ029	395r29K100rZ029
		TPR/Nylon/Antistatic	Precision	220	100	395q29K100aZ029	395r29K100aZ029
		Polyurethane/Nylon	Precision	220	100	395q29K100vZ029	395r29K100vZ029
		Polyurethane/Nylon/Antistatic	Precision	220	100	395q29K100yZ029	395r29K100yZ029
5 (125 mm)	1 1/4 (32 mm)	Rubber/Steel	Cup & Cone	220	100	395q32C125bZ029	395r32C125bZ029
		Rubber/Steel/Antistatic	Cup & Cone	220	100	395q32C125aZ029	395r32C125aZ029
		TPR/Nylon	Precision	220	100	395q29K125rZ029	395r29K125rZ029
		TPR/Nylon/Antistatic	Precision	220	100	395q29K125aZ029	395r29K125aZ029
		Polyurethane/Nylon	Precision	220	100	395q29K125vZ029	395r29K125vZ029
		Polyurethane/Nylon/Antistatic	Precision	220	100	395q29K125yZ029	395r29K125yZ029
6 (150 mm)	1 1/4 (32 mm)	Rubber/Steel	Cup & Cone	264	120	395q32C150bZ029	395r32C150bZ029
		Rubber/Steel/Antistatic	Cup & Cone	264	120	395q32C150aZ029	395r32C150aZ029
		TPR/Nylon	Precision	264	120	395q29K150rZ029	395r29K150rZ029
		TPR/Nylon/Antistatic	Precision	264	120	395q29K150aZ029	395r29K150aZ029
		Polyurethane/Nylon	Precision	264	120	395q29K150vZ029	395r29K150vZ029
		Polyurethane/Nylon/Antistatic	Precision	264	120	395q29K150yZ029	395r29K150yZ029

CASTERS

### Standard Stem



Stem Type	Metric	Inches
Length of Stem: (A)	73 mm	2.874"
*Threaded Hole Height: (C)	19 mm	.748"
Diameter of Stem: (D)	25.4 mm	1"
Diameter of Threaded Hole: (F)	8 mm	.314"

\*Standard position for threaded hole is in direction of travel.  
Different stem options available, please consult factory.

## Series 380

### Product Features:

- Hygienic, non corrosive, completely washable in disinfection booth
- Smooth surfaced shape, integrated threadguard
- Weight saving of over 20% against steel casters
- Extremely low starting and rolling resistance
- Easy to maneuver, very silent running to avoid stress to staff and patient
- Interchangeable caster systems
- Composite housing
- Can be supplied in many colors
- Sealed persion ball bearing
- Smooth selection function
- Patent pending



#380...

### Brakes/Locks

380Q Central locking system - locks wheel and swivel simultaneously  
2 functions - Total Lock or Swivel free

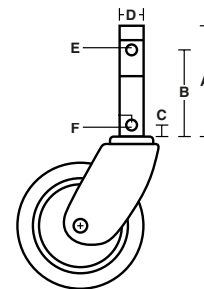
380R Directional lock - locks raceway for straight line tracking  
3 functions - Total Lock , Swivel Lock or Swivel free

Wheel Diameter (In.)	Tread Width (In.)	Wheel Material	Wheel Bearing	Load Rating (Lbs.)	Load Rating (Kg)	Total Lock Caster	Directional Lock Caster
5 (125 mm)	1 1/4 (32 mm)	Polyurethane/Nylon	Precision	220	120	380q 29K150vK	380r 29K150rK
6 (150 mm)	1 1/4 (32 mm)	Nylon	Precision	264	120	380q 29K150vK	380r 29K150vK

For various stem options please review measurements given on page 109

### Specification

<b>Diameter</b>	5" 125 mm	6" 150 mm
<b>Load Height</b>	6.338" 161 mm	7.28" 185 mm
<b>Offset</b>	1.614" 41 mm	1.968" 50 mm
<b>Caster Weight</b>	2 lb/12.4 oz. 1,258.72 gr.	2 lb/12.4 oz. 1,258.72 gr.



Our standard colors are Gray housing (RAL 7038); Gray Wheel (RAL 7011).  
We can provide any RAL color with minimum quantity orders.



## Series 389/385

Load Capacity 442-528 Lbs.

### Product Features:

- Heavy duty central locking caster with good smooth running features and high load capacity

Available in powder coated or zinc, with precision ball bearing in the raceway (completely closed)

### Brakes/Locks

- 389 Has the same brake function as caster 390 (see page 115)  
 385 Is the corresponding swivel caster

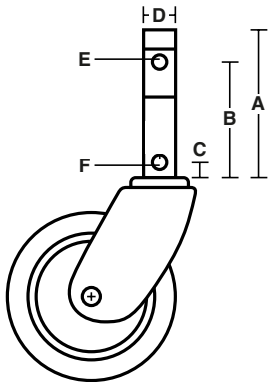
Wheel Diameter (In.)	Tread Width (In.)	Wheel Material	Wheel Bearing	Load Rating (Lbs.)	Load Rating (Kg)	Total Lock Caster	Total Directional Caster	Swivel Caster
6 (160 mm)	1 2/3 (42 mm)	Rubber Black/Steel	Precision	442	201	389q 08K160rP016	389r 08K160rP016	385a 08K160cP016
8 (200 mm)	1.77 (45 mm)	Rubber Black/Steel	Precision	528	240	389q 08K200rP016	389r 08K200rP016	385a 08K200cP016

### Standard Stem

Stem Type	Metric	Inches
Length of Stem: (A)	99.5 mm	3.91"
Hex Cam Height: (B)	78.5 mm	3.09"
*Threaded Hole Height: (C)	19 mm	0.748"
Diameter of Stem: (D)	27.8 mm	1.094"
**Diameter of Hex Cam: (E)	11.11 mm	7/16"
Diameter of Threaded Hole: (F)	8 mm	.314"

\*Standard position for threaded hole is in direction of travel

\*\*Standard position for Hex cam is opposite direction of travel



### Standard Stem on Series 385

Stem Type	Metric	Inches
Length of Stem: (A)	99.5 mm	3.91"
*Threaded Hole Height: (C)	19 mm	.748"
Diameter of Stem: (D)	27.8 mm	1.094"
Diameter of Threaded Hole: (F)	8 mm	.314"

**Series 802**

Load Capacity 220 Lbs.

**Product Features:**

- Reliable, solid conveyer belt caster with double ball bearing in raceway.
- Easy maneuverability



#802...

**Brakes/Locks**

802 With brake ring. When a supermarket trolley is taken onto the conveyor, the wheel rims sink into the grooves of the belt. The brake ring is pushed upwards against the brake segment housed in the yoke. This gives an even braking effect.

**Wheels**

	Diameter	Profile	Bearings	Tread	Durometer	Threadguards
62C	5" 125 mm	Flat	Cup & Cone	Polyurethane	95	Metal

*Polyamide differential wheel with polyurethane rims and black hard rubber brake ring.*

Wheel Diameter (In.)	Tread Width (In.)	Rim Width (In.)	Wheel Material	Wheel Bearing	Load Rating (Lbs.)	Load Rating (Kg)	Swivel Caster
5 (125 mm)	1.18 (29.6 mm)	.16	Polyamide/Polyurethane	Cup & Cone	220	100	802a 62C125vZld

**Hollow Kingpin/Stem Mount**

(alter suffix "PF" with one of the following options)

Part #	Mounting Style	Description
LD	Hollow Kingpin	.480" - fits 7/16" or 12 mm bolts

\*Reducer bushing to fit 10 mm or 3/8" bolts please order part #09456  
(Bushing is compatible with all "LD" - Hollow King Pin mounts.)

## 176

Wheel Diameter (In.)	Tread Width (In.)	Wheel Material	Wheel Bearing	Load Rating (Lbs.) (Kg)		Swivel Caster	Rigid Caster
<b>2</b> (50 mm)	<b>3/4</b> (18 mm)	Rubber/Grey	Nylon	Ball	88 40	177a 33C050bZPS	176a 33C050bZPS



<b>Overall Height</b>	<b>150 mm/5.91"</b>
<b>Plate Dimensions</b>	<b>59.5 x 48 mm/2.34" x 1.89</b>
<b>Bolt Hole Centers Vertical</b>	<b>22.5 mm/0.89"</b>
<b>Bolt Hole Centers Horizontal</b>	<b>38 mm/1.50"</b>
<b>Bolt Hole Diameter</b>	<b>5.3 mm/.21"</b>

#176: Plate can be removed and turned 90 degrees.

## 119



Wheel Diameter (In.)	Tread Width (In.)	Wheel Material	Shore Hardness	Load Rating (Lbs.) (Kg)		Caster
<b>2</b> (50 mm)	<b>3/4</b> (18 mm)	Black/Rubber	60°	110	50	119-050

#119: Steel wire construction with black rubber spherical wheel, threaded stem M14 x 1.5 x 44 mm with 2 hex nuts and rubber sealing for glass cutting tables.

## Wheels



For use in series #: 340, 367, 378, 364



For use in series #: 340, 341, 360, 361, 367, 378, 390, 364



For use in series #: 340, 341, 360, 361



For use in series #: 367, 378, 390, 421, 600, 364



For use in series #: 340, 341, 360, 361



For use in series #: 341, 360, 361



For use in series#: 360, 361

**NOTE:** To order wheels only, please specify wheel code # above, diameter needed, and which caster 3 digit housing series # you will use wheel in. For example: 35C/v, 3 inch (or 75mm), #361.

Wheel dimensions in inches are approximate but exact in millimeters.

# CONVERSION CHART

## Metric to Imperial — Note: 25.4mm = 1"

mm	ins.	mm	ins.	mm	ins.	mm	ins.	mm	ins.	mm	ins.	mm	ins.
1	0.0394	21	0.827	41	1.614	61	2.402	81	3.189	105	4.134	250	9.843
2	0.0787	22	0.866	42	1.654	62	2.441	82	3.228	110	4.331	300	11.811
3	0.1181	23	0.906	43	1.693	63	2.480	83	3.288	115	4.528	350	13.780
4	0.1575	24	0.945	44	1.732	64	2.520	84	3.307	120	4.724	400	15.748
5	0.1969	25	0.984	45	1.772	65	2.559	85	3.346	125	4.921	500	19.685
6	0.2362	26	1.024	46	1.811	66	2.598	86	3.386	130	5.118	550	21.653
7	0.2756	27	1.063	47	1.850	67	2.638	87	3.425	135	5.315	600	23.622
8	0.3150	28	1.102	48	1.890	68	2.677	88	3.465	140	5.512	650	25.590
9	0.3543	29	1.142	49	1.929	69	2.717	89	3.504	145	5.709	700	27.559
10	0.3937	30	1.181	50	1.969	70	2.756	90	3.543	150	5.906	750	29.527
11	0.433	31	1.220	51	2.008	71	2.795	91	3.563	155	6.102	800	31.496
12	0.472	32	1.260	52	2.047	72	2.835	92	3.622	160	6.299	850	33.464
13	0.512	33	1.299	53	2.087	73	2.874	93	3.661	165	6.496	900	35.433
14	0.551	34	1.339	54	2.126	74	2.913	94	3.701	170	6.693	950	37.401
15	0.591	35	1.378	55	2.165	75	2.953	95	3.740	175	6.890	1000	39.370
16	0.630	36	1.417	56	2.205	76	2.992	96	3.780	180	7.087	1050	41.338
17	0.669	37	1.457	57	2.244	77	3.031	97	3.819	185	7.283	1100	43.307
18	0.709	38	1.498	58	2.283	78	3.071	98	3.858	190	7.480	1150	45.275
19	0.748	39	1.535	59	2.323	79	3.110	99	3.898	195	7.677	1200	47.244
20	0.787	40	1.575	60	2.362	80	3.150	100	3.937	200	7.874	1250	49.212

## Kilogram to Pound — Note: 2.2046Lbs. = 1Kg. (Below is an approximation)

Kg.	Lbs.	Kg.	Lbs.	Kg.	Lbs.	Kg.	Lbs.	Kg.	Lbs.	Kg.	Lbs.	Kg.	Lbs.
1	2	16	35	31	68	46	101	105	231	180	397	255	562
2	4	17	37	32	71	47	104	110	243	185	408	260	573
3	7	18	40	33	73	48	106	115	254	190	419	265	584
4	9	19	42	34	75	49	108	120	265	195	430	270	595
5	11	20	44	35	77	50	110	125	276	200	441	275	606
6	13	21	46	36	79	55	121	130	287	205	452	280	617
7	15	22	49	37	82	60	132	135	298	210	463	290	639
8	18	23	51	38	84	65	143	140	309	215	474	300	661
9	20	24	53	39	86	70	154	145	320	220	485	400	881
10	22	25	55	40	88	75	165	150	331	225	496	500	1.101
11	24	26	57	41	90	80	176	155	342	230	507	600	1.322
12	26	27	60	42	93	85	187	160	353	235	518	700	1.542
13	29	28	62	43	95	90	198	165	364	240	529	800	1.762
14	31	29	64	44	97	95	209	170	375	245	540	900	1.983
15	33	30	66	45	99	100	220	175	386	250	551	1.000	2.203

## Celsius to Fahrenheit — Note: °C = (°F-32°) 5/9 °F = (9/5 °C) + 32°

°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F
-40	-40	6	43	16	61	26	79	36	97	50	122	110	230
-30	-22	7	45	17	63	27	81	37	99	55	131	120	245
-20	-4	8	46	18	64	28	82	38	100	60	140	130	266
-10	+14	9	48	19	66	29	84	39	102	65	149	140	284
0	32	10	50	20	68	30	86	40	104	70	158	150	302
1	34	11	52	21	70	31	88	41	106	75	167	160	320
2	36	12	54	22	72	32	90	42	108	80	178	170	338
3	37	13	55	23	73	33	91	43	109	85	185	180	356
4	39	14	57	24	75	34	93	44	111	90	194	190	374
5	41	15	59	25	77	35	95	45	113	100	212	200	392

**Rhombus BY**  
***Service Caster Corp.***  
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