

VULCAN[®]

C A S T E R S

VULCAN[®] CASTERS

2010



CONTENTS

CONTENTS.....	1
ABOUT US.....	2
CASTERS	
Caster Types.....	4
Utility Casters.....	6
Light Duty Casters.....	7
Medium Duty Casters.....	10
Medium Heavy Duty Casters.....	20
Heavy Duty Casters.....	22
Total/ Directo Lock Casters.....	24
Thermoplastic Casters.....	28
Professional Casters.....	30
Total/ Directional Lock Casters.....	32
Shopping Cart Casters.....	34
Pneumatic/ Foam Filled Casters.....	35
Shock Absorbing Casters.....	36
Adjustable Casters.....	37
STAINLESS STEEL CASTERS.....	38
WHEELS	
Wheel Types.....	46
Bearings or Spacers Thread Guards and Combo Washers.....	48
TPR/PP Wheels.....	49
Easy Roll Wheels Medium Duty.....	50
Pro-U Wheels Medium Duty.....	51
Easy Roll Wheels Heavy Duty.....	52
Pro-U Wheels Heavy Duty.....	53
Pneumatic/ Foam Filled Wheels.....	54
Phenolic Wheels.....	55
Polyolefin Wheels.....	56
BRAKES & LOCKS.....	58
ACCESSORIES.....	59
ORDERING CODE	



About Us

Vulcan Industries, Vulcan Casters are the direct US distribution centers for the Vulcan brand of casters and wheels.

The Vulcan family of product offers a high quality caster for a variety of applications with product stocked at both our East Longmeadow, Massachusetts and Downey, California locations as well as key distributors throughout North America.

Located in Kunshan, China in the Shanghai area, we operate our own, modern, integrated manufacturing facility with metal working and injection molding capabilities.

Our facility has a state of the art Quality Assurance lab that is ISO 9000 certified and equipped with the most modern testing equipment needed for our related industries.

Our main product line consists of casters and wheels which are used in many different industries including food service and medical equipment as well as material handling.

We have over 30 years of experience in the industry of casters, wheels, and component parts.

We pride ourselves in the quality assurance and superior service we offer to our customers.

If you do not see a caster that suits your immediate needs, please contact us and we will be pleased to assist you.

Our fully staffed, in-house engineering department uses the latest AutoCAD and 3D rendering software to design all of our products & tooling.

We also have the capability of producing Rapid Prototype plastic samples directly from our computer generated designs.

Our fully equipped, state of the art tooling department designs and builds all of our injection mold tooling, stamping and forming dies and jigs and fixtures.

Our newly constructed factory is equipped to manufacture all of our injection molded wheels as well as our stamped metal caster components to our exacting specifications.



Our ISO 9000 certified quality assurance lab is dedicated to maintaining the very highest level of quality that the Vulcan brand has come to be known for. We employ the latest in process control and continuous metrics to insure that the quality is built in to every product.

With the Vulcan brand of product, you can be assured that our quality is consistent and will meet or exceed your expectations.



Our turntable, drum and BIFMA caster testing machines are designed to insure that all of our products meet the demanding needs of our customers as well as meet or exceed industry standards.

All casters and wheels are designed and manufactured to meet the criteria of ICWM(Institute of Caster and Wheel Manufacturers), BIFMA(The Business and Institutional Furniture Manufacturers Association) and NSF(National Sanitation Foundation).

Contact us for specific caster test reports. We can provide test data on any caster and wheel combination in a few days.



CASTER TYPES



PRESSED RIGID



WELDED RIGID



TOP PLATE



STEMLESS



ROUND STEM



SQUARE STEM



THREADED STEM



EXPANDING RUBBER
APPLICATOR



PIPE PLUG
APPLICATOR



UTILITY



1" LIGHT DUTY



1-1/4" MEDIUM DUTY



1-1/2" MEDIUM HEAVY



2" HEAVY DUTY



TOTAL/DIRECTO LOCK



THERMOPLASTIC



PROFESSIONAL



TOTAL/DIRECTIONAL LOCK



SHOPPING CART



PNEUMATIC/FOAM FILLED

UTILITY CASTERS

U3,U4,U9 Series

Zinc

FEATURES:

1. Finish- Bright zinc plating.
2. Swivel- Durable double ball bearing.
3. Construction- Formed steel for extra strength.
4. Axle- 1/4" dia. bolt rivetted.
5. Optional- Side brake available on quantity orders.

Note:

1. Other sizes are available upon request.
2. When top plate is desired please add 3/32" to the load height shown in chart below.

BRAKES:



2-U3-200G-42 Zinc

STANDARD SPRING RING STEM SIZE	
Stem Number	Dimensions
42	7/16 x 1-3/8



2-U4-200G-A3 Zinc

STANDARD THREADED STEM SIZES	
Threaded Stem Number	Dimensions
A1	1/2 - 13 x 2-1/2
A3	3/8 - 16 x 1
A5	1/2 - 13 x 2-3/4



2-U9-200G-1 Zinc

STANDARD TOP PLATE SIZE			
Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
1	2-1/4 x 1-5/16	1-3/4 x 3/4	3/16
2	2 x 1-3/16	1-9/16 x 13/16	3/16

Wheel				Cap.	Load Height	Swivel Radius	U3 Series	U4 Series	U9 Series
Dia.	TW	TYPE	Brg.						
Ins.	Ins.			Pounds	Ins.	Ins.	Catalog No.	Catalog No.	Catalog No.
3	7/8	Soft Grey	Plain	75	3-1/2	2-1/2	3-U3-200G	3-U4-200G	3-U9-200G

LIGHT DUTY CASTERS

23,24 Series

Zinc



4-23-201G-21 Zinc

STANDARD THREADED STEM SIZES	
Threaded Stem Number	Dimensions
21	1/2 - 13 x 1
22	1/2 - 13 x 1-1/2
23	1/2 - 13 x 2-3/4
24	3/8 - 16 x 1-1/2
43	7/16 - 14 x 1-1/2



4-24-201G-41 Zinc

STANDARD SPRING RING STEM SIZES	
Stem Number	Dimensions
41	.845 x 2-3/16
42	7/16 x 1-3/8
45	7/16 x 1-15/16

Dia.	Wheel			Cap.	Load Height	Swivel Radius	23 Series	24 Series	App. Wgt.
	TW	TYPE	Brg.				Threaded Stem	Spring Ring Stem	
Ins.	Ins.			Pounds	Ins.	Ins.	Catalog No.	Catalog No.	Pounds
3	1	TPR/PP	Plain	125	3-5/8	2-3/4	3-23-201G	3-24-201G	1
	1	TPR/PP	Plain	125	3-5/8	2-3/4	3-23-301B	3-24-301B	1
	1	Pro-U Grey	Delrin	125	3-5/8	2-3/4	3-23-211P	3-24-211P	1
	1	Polyolefin	Plain	125	3-5/8	2-3/4	3-23-5110	3-24-5110	1
4	1	TPR/PP	Plain	150	4-5/8	3-5/16	4-23-201G	4-24-201G	1-1/4
	1	TPR/PP	Plain	150	4-5/8	3-5/16	4-23-301B	4-24-301B	1-1/4
	1	Pro-U Grey	Delrin	150	4-5/8	3-5/16	4-23-211P	4-24-211P	1-1/4
	1	Polyolefin	Plain	150	4-5/8	3-5/16	4-23-5110	4-24-5110	1-1/4
5	1	TPR/PP	Plain	150	5-5/8	4	5-23-201G	5-24-201G	1-1/4
	1	TPR/PP	Plain	150	5-5/8	4	5-23-301B	5-24-301B	1-1/4
	1	Pro-U Grey	Delrin	160	5-5/8	4	5-23-211P	5-24-211P	1-1/4
	1	Polyolefin	Plain	150	5-5/8	4	5-23-5110	5-24-5110	1-1/4

FEATURES:

1. Finish- Bright zinc plating.
2. Swivel- Double ball bearing with hardened raceways for extra strength.
3. Construction- Heavy duty gauge steel formed for extra strength.
4. Axle- 5/16" dia. bolt with lock nut.
5. Brake- Side brake and Top Lock Brake available.

WHEELS:



BRAKES:



LIGHT DUTY CASTERS

35,36 Series

Zinc

FEATURES:

1. Finish- Bright zinc plating.
2. Swivel-
Double ball bearing with hardened raceways for extra strength.
3. Rigid-
Single piece pressed to form for extra strength.
4. Construction- Heavy duty gauge steel formed for extra strength.
5. Axle-
5/16" dia. bolt with lock nut.
6. Brake-
Side brake and Top Lock Brake available for swivel.

WHEELS:



BRAKES:



4-35-201G-4 Zinc

STANDARD TOP PLATE SIZES

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
2B	1-3/4 x 3	1 x 2-5/16	1/4
4	2-3/8 x 3-5/8	1-3/4 x 3	5/16



4-36-201G-4 Zinc

STANDARD TOP PLATE SIZE

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
4	2-3/8 x 3-5/8	1-3/4 x 3	5/16

Dia.	Wheel			Cap.	Load Height	Swivel Radius	Series 35	Series 36	App. Wgt.
	TW	TYPE	Brg.				Swivel Plate	Rigid Plate	
Ins.	Ins.			Pounds	Ins.	Ins.	Catalog No.	Catalog No.	Pounds
3	1	TPR/PP	Plain	125	3-3/4	2-3/4	3-35-201G	3-36-201G	1
	1	TPR/PP	Plain	125	3-3/4	2-3/4	3-35-301B	3-36-301B	1
	1	Pro-U Grey	Delrin	125	3-3/4	2-3/4	3-35-211P	3-36-211P	1
	1	Polyolefin	Plain	125	3-3/4	2-3/4	3-35-5110	3-36-5110	1
4	1	TPR/PP	Plain	150	4-3/4	3-5/16	4-35-201G	4-36-201G	1-1/4
	1	TPR/PP	Plain	150	4-3/4	3-5/16	4-35-301B	4-36-301B	1-1/4
	1	Pro-U Grey	Delrin	150	4-3/4	3-5/16	4-35-211P	4-36-211P	1-1/4
	1	Polyolefin	Plain	150	4-3/4	3-5/16	4-35-5110	4-36-5110	1-1/4
5	1	TPR/PP	Plain	150	5-3/4	4	5-35-201G	5-36-201G	1-1/4
	1	TPR/PP	Plain	150	5-3/4	4	5-35-301B	5-36-301B	1-1/4
	1	Pro-U Grey	Delrin	160	5-3/4	4	5-35-211P	5-36-211P	1-1/4
	1	Polyolefin	Plain	150	5-3/4	4	5-35-5110	5-36-5110	1-1/4

LIGHT DUTY CASTERS

37 Series

Zinc



4-37-201G-21 Zinc

EXPANDING RUBBER APPLICATOR SIZES

Applicator Number	Tubing ID (Inches)	Size Range (Inches)	Knurled Nut	Expanding Rubber	Plain Bushing	Base Washer
11	7/8	0.852-0.927	1435-02	1645-00	1432-00	1427-02
15	1-1/8	1.030-1.140	1436-02	1646-00	1433-00	1427-02
17	1-3/16	1.178-1.303	1441-02	1648-00	1430-00	1427-02
19C	1-3/8	1.360-1.425	1438-02	1647-00	1436-00	1427-02
19A	1-1/2	1.426-1.589	1437-02	1649-00	1434-00	1427-02
21	1-7/8	1.790-1.850	1422-02	1650-00	1440-00	1473-02

Dia.	Wheel			Cap.	Load Height	Swivel Radius	Series 37	App. Wgt.
	TW	TYPE	Brg.				Applicator	
Ins.	Ins.			Pounds	Ins.	Ins.	Catalog No.	Pounds
3	1	TPR/PP	Plain	125	3-5/8	2-3/4	3-37-201G	1
	1	TPR/PP	Plain	125	3-5/8	2-3/4	3-37-301B	1
	1	Pro-U Grey	Delrin	125	3-5/8	2-3/4	3-37-211P	1
	1	Polyolefin	Plain	125	3-5/8	2-3/4	3-37-5110	1
4	1	TPR/PP	Plain	150	4-5/8	3-5/16	4-37-201G	1-1/4
	1	TPR/PP	Plain	150	4-5/8	3-5/16	4-37-301B	1-1/4
	1	Pro-U Grey	Delrin	150	4-5/8	3-5/16	4-37-211P	1-1/4
	1	Polyolefin	Plain	150	4-5/8	3-5/16	4-37-5110	1-1/4
5	1	TPR/PP	Plain	150	5-5/8	4	5-37-201G	1-1/4
	1	TPR/PP	Plain	150	5-5/8	4	5-37-301B	1-1/4
	1	Pro-U Grey	Delrin	160	5-5/8	4	5-37-211P	1-1/4
	1	Polyolefin	Plain	150	5-5/8	4	5-37-5110	1-1/4

FEATURES:

1. Finish- Bright zinc plating.
2. Swivel-
Double ball bearing with hardened raceways for extra strength.
3. Construction-
Heavy duty gauge steel formed for extra strength.
4. Axle-
5/16" dia. bolt with lock nut.
5. Brake-
Side brake and Top Lock Brake available.
6. Applicator-
Fits a wide range of tubing from 7/8" I.D. to 1-7/8" I.D., round or square. Please specify exact tubing I.D. or O.D. and gauge.

WHEELS:



BRAKES:



MEDIUM DUTY CASTERS

40,41,42 Series
405,415,425 Series

Zinc
Nickel

FEATURES:

- 1. Finish-**
Bright zinc plating or
Bright nickel plating.
- 2. Swivel-**
Double ball bearing with
hardened raceways for extra
strength.
- 3. Rigid-**
Pressed or welded with heavy
duty gauge steel for extra
strength.
- 4. Dust Cover-**
Helps protect swivel bearings.
- 5. Construction-**
Heavy duty gauge steel formed
for extra strength.
- 6. Axle-** 3/8" dia. bolt with lock nut.
- 7. King Pin-**
1/2" steel rivet hydraulically
upset.
- 8. Brake-**
Both Top Lock Brake and Maxi
Lock Brake are available for
swivel.

Note: Many other plate sizes are
available upon request.
Contact the distributor for
more information.

WHEELS:



BRAKES:



5-40-213P-2 Zinc
5-405-213P-2 Nickel

STANDARD TOP PLATE SIZES

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
2	2-3/8 × 3-5/8	1-3/4 × 3	5/16
3	3-1/8 × 4-1/8	2-3/8 × 3-7/16	5/16
4	3-1/2 × 3-1/2	2-5/8 × 2-5/8 slotted to 2-3/4 × 2-3/4	5/16
5	3-3/4 × 4-1/2	2-5/8 × 3-5/8 slotted to 3 × 3	3/8



5-41-5130-2 Zinc
5-415-5130-2 Nickel

STANDARD TOP PLATE SIZE

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
2	2-3/8 × 3-5/8	1-3/4 × 3	5/16



5-42-214D-5 Zinc
5-425-214D-5 Nickel

STANDARD TOP PLATE SIZES

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
2	2-3/8 × 3-5/8	1-3/4 × 3	5/16
2A	2-1/2 × 3-5/8	1-3/4 × 3	5/16
3	3-1/8 × 4-1/8	2-3/8 × 3-7/16	5/16
4	3-1/2 × 3-1/2	2-5/8 × 2-5/8 slotted to 2-3/4 × 2-3/4	5/16
5	3-3/4 × 4-1/2	2-5/8 × 3-5/8 slotted to 3 × 3	3/8

Dia.	Wheel			Cap.	Load Height	Swivel Radius	40 Series	41 Series	App. Wgt.
	TW	TYPE	Brg.				Swivel Plate	Pressed Rigid	
Ins.	Ins.			Pounds	Ins.	Ins.	Catalog No.	Catalog No.	Pounds
3	1-1/4	Pro-U Grey	Ball	250	4-1/8	2-7/8	3-40-213P	3-41-213P	1-1/2
	1-1/4	Pro-U Grey	Delrin	250	4-1/8	2-7/8	3-40-214P	3-41-214P	1-1/2
	1-1/4	Easy Roll Donut	Ball	175	4-1/8	2-7/8	3-40-213D	3-41-213D	1-1/2
	1-1/4	Easy Roll Donut	Delrin	175	4-1/8	2-7/8	3-40-214D	3-41-214D	1-1/2
	1-1/4	Easy Roll Flat	Ball	200	4-1/8	2-7/8	3-40-213F	3-41-213F	1-1/2
	1-1/4	Easy Roll Flat	Delrin	200	4-1/8	2-7/8	3-40-214F	3-41-214F	1-1/2
	1-1/4	Polyolefin	Plain	250	4-1/8	2-7/8	3-40-5130	3-41-5130	1-1/2
	1-1/4	Pro-U Grey	Ball	250	4-5/8	3-1/4	3-1/2-40-213P	3-1/2-41-213P	1-3/4
	1-1/4	Pro-U Grey	Delrin	250	4-5/8	3-1/4	3-1/2-40-214P	3-1/2-41-214P	1-3/4
	1-1/4	Easy Roll Donut	Ball	225	4-5/8	3-1/4	3-1/2-40-213D	3-1/2-41-213D	1-3/4
3-1/2	1-1/4	Easy Roll Donut	Delrin	225	4-5/8	3-1/4	3-1/2-40-214D	3-1/2-41-214D	1-3/4
	1-1/4	Easy Roll Flat	Ball	250	4-5/8	3-1/4	3-1/2-40-213F	3-1/2-41-213F	1-3/4
	1-1/4	Easy Roll Flat	Delrin	250	4-5/8	3-1/4	3-1/2-40-214F	3-1/2-41-214F	1-3/4
	1-1/4	Polyolefin	Plain	250	4-5/8	3-1/4	3-1/2-40-5130	3-1/2-41-5130	1-3/4
	1-1/4	Pro-U Grey	Ball	275	5-1/8	3-1/2	4-40-213P	4-41-213P	1-3/4
	1-1/4	Pro-U Grey	Delrin	275	5-1/8	3-1/2	4-40-214P	4-41-214P	1-3/4
	1-1/4	Easy Roll Donut	Ball	250	5-1/8	3-1/2	4-40-213D	4-41-213D	1-3/4
	1-1/4	Easy Roll Donut	Delrin	250	5-1/8	3-1/2	4-40-214D	4-41-214D	1-3/4
	1-1/4	Easy Roll Flat	Ball	275	5-1/8	3-1/2	4-40-213F	4-41-213F	1-3/4
	1-1/4	Easy Roll Flat	Delrin	275	5-1/8	3-1/2	4-40-214F	4-41-214F	1-3/4
4	1-1/4	Polyolefin	Plain	275	5-1/8	3-1/2	4-40-5130	4-41-5130	1-3/4
	1-1/4	Pro-U Grey	Ball	300	6-1/4	4	5-40-213P	5-41-213P	2
	1-1/4	Pro-U Grey	Delrin	300	6-1/4	4	5-40-214P	5-41-214P	2
	1-1/4	Easy Roll Donut	Ball	250	6-1/4	4	5-40-213D	5-41-213D	2
	1-1/4	Easy Roll Donut	Delrin	250	6-1/4	4	5-40-214D	5-41-214D	2
	1-1/4	Easy Roll Flat	Ball	300	6-1/4	4	5-40-213F	5-41-213F	2
	1-1/4	Easy Roll Flat	Delrin	300	6-1/4	4	5-40-214F	5-41-214F	2
	1-1/4	Polyolefin	Plain	300	6-1/4	4	5-40-5130	5-41-5130	2
	1-1/4	Pro-U Grey	Ball	300	7-1/4	4-1/2	6-40-213P	6-41-213P	2-1/4
	1-1/4	Pro-U Grey	Delrin	300	7-1/4	4-1/2	6-40-214P	6-41-214P	2-1/4
5	1-1/4	Easy Roll Donut	Ball	300	7-1/4	4-1/2	6-40-213D	6-41-213D	2-1/4
	1-1/4	Easy Roll Donut	Delrin	300	7-1/4	4-1/2	6-40-214D	6-41-214D	2-1/4
	1-1/4	Easy Roll Flat	Ball	300	7-1/4	4-1/2	6-40-213F	6-41-213F	2-1/4
	1-1/4	Easy Roll Flat	Delrin	300	7-1/4	4-1/2	6-40-214F	6-41-214F	2-1/4
	1-1/4	Polyolefin	Plain	300	7-1/4	4-1/2	6-40-5130	6-41-5130	2-1/4
	1-1/4	Pro-U Grey	Ball	300	7-1/4	4-1/2	6-40-213P	6-41-213P	2-1/4
	1-1/4	Pro-U Grey	Delrin	300	7-1/4	4-1/2	6-40-214P	6-41-214P	2-1/4
	1-1/4	Easy Roll Donut	Ball	300	7-1/4	4-1/2	6-40-213D	6-41-213D	2-1/4
	1-1/4	Easy Roll Donut	Delrin	300	7-1/4	4-1/2	6-40-214D	6-41-214D	2-1/4
	1-1/4	Easy Roll Flat	Ball	300	7-1/4	4-1/2	6-40-213F	6-41-213F	2-1/4
6	1-1/4	Easy Roll Flat	Delrin	300	7-1/4	4-1/2	6-40-214F	6-41-214F	2-1/4
	1-1/4	Polyolefin	Plain	300	7-1/4	4-1/2	6-40-5130	6-41-5130	2-1/4

MEDIUM DUTY CASTERS

44 Series Zinc
445 Series Nickel

FEATURES:

1. **Finish-**
Bright zinc plating or
Bright nickel plating.
2. **Swivel-**
Double ball bearing with
hardened raceways for extra
strength.
3. **Dust Cover-**
Helps protect swivel bearings.
4. **Construction-**
Heavy duty gauge steel formed
for extra strength.
5. **Axle-**
3/8" dia. bolt with lock nut.
6. **Brake-**
Both Top Lock Brake and Maxi
Lock Brake are available.

Note:
Other stem sizes are available on
special request.

WHEELS:



BRAKES:



5-44-213P-41 Zinc
5-445-213P-41 Nickel
Standard Stems

STANDARD SPRING RING STEM SIZES	
Round Stem Number	Dimensions
41	.845 × 2-3/16
42	7/16 × 1-3/8
47	.865 × 2-3/16 with 2 c-rings



5-44-213P-61 Zinc
5-445-213P-61 Nickel
Standard Stems

STANDARD SPRING RING STEM SIZES	
Square Stem Number	Dimensions
61	.860 × 2-3/16
62	.870 × 2-17/32

Dia. Ins.	Wheel			Cap. Pounds	Load Height Ins.	Swivel Radius Ins.	44 Series Spring Ring Stem Catalog No.	App. Wgt. Pounds
	TW Ins.	TYPE	Brg.					
3	1-1/4	Pro-U Grey	Ball	250	3-15/16	2-7/8	3-44-213P	1-1/2
	1-1/4	Pro-U Grey	Delrin	250	3-15/16	2-7/8	3-44-214P	1-1/2
	1-1/4	Easy Roll Donut	Ball	175	3-15/16	2-7/8	3-44-213D	1-1/2
	1-1/4	Easy Roll Donut	Delrin	175	3-15/16	2-7/8	3-44-214D	1-1/2
	1-1/4	Easy Roll Flat	Ball	200	3-15/16	2-7/8	3-44-213F	1-1/2
	1-1/4	Easy Roll Flat	Delrin	200	3-15/16	2-7/8	3-44-214F	1-1/2
	1-1/4	Polyolefin	Plain	250	3-15/16	2-7/8	3-44-5130	1-1/2
3-1/2	1-1/4	Pro-U Grey	Ball	250	4-7/16	3-1/4	3-1/2-44-213P	1-3/4
	1-1/4	Pro-U Grey	Delrin	250	4-7/16	3-1/4	3-1/2-44-214P	1-3/4
	1-1/4	Easy Roll Donut	Ball	225	4-7/16	3-1/4	3-1/2-44-213D	1-3/4
	1-1/4	Easy Roll Donut	Delrin	225	4-7/16	3-1/4	3-1/2-44-214D	1-3/4
	1-1/4	Easy Roll Flat	Ball	250	4-7/16	3-1/4	3-1/2-44-213F	1-3/4
	1-1/4	Easy Roll Flat	Delrin	250	4-7/16	3-1/4	3-1/2-44-214F	1-3/4
	1-1/4	Polyolefin	Plain	250	4-7/16	3-1/4	3-1/2-44-5130	1-3/4
4	1-1/4	Pro-U Grey	Ball	275	4-15/16	3-1/2	4-44-213P	1-3/4
	1-1/4	Pro-U Grey	Delrin	275	4-15/16	3-1/2	4-44-214P	1-3/4
	1-1/4	Easy Roll Donut	Ball	250	4-15/16	3-1/2	4-44-213D	1-3/4
	1-1/4	Easy Roll Donut	Delrin	250	4-15/16	3-1/2	4-44-214D	1-3/4
	1-1/4	Easy Roll Flat	Ball	275	4-15/16	3-1/2	4-44-213F	1-3/4
	1-1/4	Easy Roll Flat	Delrin	275	4-15/16	3-1/2	4-44-214F	1-3/4
	1-1/4	Polyolefin	Plain	275	4-15/16	3-1/2	4-44-5130	1-3/4
5	1-1/4	Pro-U Grey	Ball	300	6-1/16	4	5-44-213P	2
	1-1/4	Pro-U Grey	Delrin	300	6-1/16	4	5-44-214P	2
	1-1/4	Easy Roll Donut	Ball	250	6-1/16	4	5-44-213D	2
	1-1/4	Easy Roll Donut	Delrin	250	6-1/16	4	5-44-214D	2
	1-1/4	Easy Roll Flat	Ball	300	6-1/16	4	5-44-213F	2
	1-1/4	Easy Roll Flat	Delrin	300	6-1/16	4	5-44-214F	2
	1-1/4	Polyolefin	Plain	300	6-1/16	4	5-44-5130	2
6	1-1/4	Pro-U Grey	Ball	300	7-1/16	4-1/2	6-44-213P	2-1/4
	1-1/4	Pro-U Grey	Delrin	300	7-1/16	4-1/2	6-44-214P	2-1/4
	1-1/4	Easy Roll Donut	Ball	300	7-1/16	4-1/2	6-44-213D	2-1/4
	1-1/4	Easy Roll Donut	Delrin	300	7-1/16	4-1/2	6-44-214D	2-1/4
	1-1/4	Easy Roll Flat	Ball	300	7-1/16	4-1/2	6-44-213F	2-1/4
	1-1/4	Easy Roll Flat	Delrin	300	7-1/16	4-1/2	6-44-214F	2-1/4
	1-1/4	Polyolefin	Plain	300	7-1/16	4-1/2	6-44-5130	2-1/4

MEDIUM DUTY CASTERS

45 Series Zinc
455 Series Nickel

FEATURES:

- 1. Finish-**
Bright zinc plating or
Bright nickel plating.
- 2. Rigid-**
Heavy duty gauge steel pressed
to form for extra strength. Round
or square stems are available.
- 3. Construction-**
Heavy duty gauge steel formed
for extra strength.
- 4. Axle-**
3/8" dia. bolt with lock nut.

Note:
Other stem sizes are available on
special request.

WHEELS:



5-45-5130-47 Zinc
5-455-5130-47 Nickel
Standard Stems

STANDARD SPRING RING STEM SIZES	
Round Stem Number	Dimensions
41	.845 × 2-3/16
47	.865 × 2-3/16 with 2 c-rings



5-45-214P-61 Zinc
5-455-214P-61 Nickel
Standard Stems

STANDARD SPRING RING STEM SIZES	
Square Stem Number	Dimensions
61	.860 × 2-3/16
62	.870 × 2-17/32

Dia.	Wheel			Cap.	Load Height	45 Series Spring Ring Stem	App. Wgt.
	TW	TYPE	Brg.				
Ins.	Ins.			Pounds	Ins.	Catalog No.	Pounds
3	1-1/4	Pro-U Grey	Ball	250	3-15/16	3-45-213P	1-1/2
	1-1/4	Pro-U Grey	Delrin	250	3-15/16	3-45-214P	1-1/2
	1-1/4	Easy Roll Donut	Ball	175	3-15/16	3-45-213D	1-1/2
	1-1/4	Easy Roll Donut	Delrin	175	3-15/16	3-45-214D	1-1/2
	1-1/4	Easy Roll Flat	Ball	200	3-15/16	3-45-213F	1-1/2
	1-1/4	Easy Roll Flat	Delrin	200	3-15/16	3-45-214F	1-1/2
	1-1/4	Polyolefin	Plain	250	3-15/16	3-45-5130	1-1/2
	3-1/2	1-1/4	Pro-U Grey	Ball	250	4-7/16	3-1/2-45-213P
4	1-1/4	Pro-U Grey	Delrin	250	4-7/16	3-1/2-45-214P	1-3/4
	1-1/4	Easy Roll Donut	Ball	225	4-7/16	3-1/2-45-213D	1-3/4
	1-1/4	Easy Roll Donut	Delrin	225	4-7/16	3-1/2-45-214D	1-3/4
	1-1/4	Easy Roll Flat	Ball	250	4-7/16	3-1/2-45-213F	1-3/4
	1-1/4	Easy Roll Flat	Delrin	250	4-7/16	3-1/2-45-214F	1-3/4
	1-1/4	Polyolefin	Plain	250	4-7/16	3-1/2-45-5130	1-3/4
	1-1/4	Pro-U Grey	Ball	275	4-15/16	4-45-213P	1-3/4
	1-1/4	Pro-U Grey	Delrin	275	4-15/16	4-45-214P	1-3/4
5	1-1/4	Easy Roll Donut	Ball	250	4-15/16	4-45-213D	1-3/4
	1-1/4	Easy Roll Donut	Delrin	250	4-15/16	4-45-214D	1-3/4
	1-1/4	Easy Roll Flat	Ball	275	4-15/16	4-45-213F	1-3/4
	1-1/4	Easy Roll Flat	Delrin	275	4-15/16	4-45-214F	1-3/4
	1-1/4	Polyolefin	Plain	275	4-15/16	4-45-5130	1-3/4
	1-1/4	Pro-U Grey	Ball	300	6-1/16	5-45-213P	2
	1-1/4	Pro-U Grey	Delrin	300	6-1/16	5-45-214P	2
	1-1/4	Easy Roll Donut	Ball	250	6-1/16	5-45-213D	2
6	1-1/4	Easy Roll Donut	Delrin	250	6-1/16	5-45-214D	2
	1-1/4	Easy Roll Flat	Ball	300	6-1/16	5-45-213F	2
	1-1/4	Easy Roll Flat	Delrin	300	6-1/16	5-45-214F	2
	1-1/4	Polyolefin	Plain	300	6-1/16	5-45-5130	2
	1-1/4	Pro-U Grey	Ball	300	7-1/16	6-45-213P	2-1/4
	1-1/4	Pro-U Grey	Delrin	300	7-1/16	6-45-214P	2-1/4
	1-1/4	Easy Roll Donut	Ball	300	7-1/16	6-45-213D	2-1/4
	1-1/4	Easy Roll Donut	Delrin	300	7-1/16	6-45-214D	2-1/4
6	1-1/4	Easy Roll Flat	Ball	300	7-1/16	6-45-213F	2-1/4
	1-1/4	Easy Roll Flat	Delrin	300	7-1/16	6-45-214F	2-1/4
	1-1/4	Polyolefin	Plain	300	7-1/16	6-45-5130	2-1/4

MEDIUM DUTY CASTERS

46,49 Series
465,495 Series

Zinc
Nickel

FEATURES:

1. **Finish-**
Bright zinc plating or
Bright nickel plating.
2. **Swivel-**
Double ball bearing with
hardened raceways for extra
strength.
3. **Dust Cover-**
Helps protect swivel bearings.
4. **Construction-**
Heavy duty gauge steel formed
for extra strength.
5. **Axle-**
3/8" dia. bolt with lock nut.
6. **Brake-**
Both Top Lock Brake and Maxi
Lock Brake are available.

Note:
Other stem sizes are available on
special request.

WHEELS:



BRAKES:



5-46-213P-22 Zinc
5-465-213P-22 Nickel
Standard Stems

Other stem sizes are available
on special request

STANDARD THREADED STEM SIZES	
Threaded Stem Number	Dimensions
20	1/2 - 13 × 3/4
21	1/2 - 13 × 1
22	1/2 - 13 × 1-1/2
23	1/2 - 13 × 2-3/4
31	5/8 - 11 × 1-3/4
32	3/4 - 10 × 1
33	5/8 - 11 × 1



5-49-5130-50 Zinc
5-495-5130-50 Nickel

Supplied with hollow kingpin for
mounting with 3/8" bolt and nut.

Dia.	Wheel			Cap.	Load Height	Swivel Radius	46 Series	49 Series	App. Wgt.
	TW	TYPE	Brg.				Threaded Stem	Stemless	
Ins.	Ins.			Pounds	Ins.	Ins.	Catalog No.	Catalog No.	Pounds
1-1/4	1-1/4	Pro-U Grey	Ball	250	3-15/16	2-7/8	3-46-213P	3-49-213P	1-1/4
1-1/4	1-1/4	Pro-U Grey	Delrin	250	3-15/16	2-7/8	3-46-214P	3-49-214P	1-1/4
1-1/4	1-1/4	Easy Roll Donut	Ball	175	3-15/16	2-7/8	3-46-213D	3-49-213D	1-1/4
3	1-1/4	Easy Roll Donut	Delrin	175	3-15/16	2-7/8	3-46-214D	3-49-214D	1-1/4
1-1/4	1-1/4	Easy Roll Flat	Ball	200	3-15/16	2-7/8	3-46-213F	3-49-213F	1-1/4
1-1/4	1-1/4	Easy Roll Flat	Delrin	200	3-15/16	2-7/8	3-46-214F	3-49-214F	1-1/4
1-1/4	1-1/4	Polyolefin	Plain	250	3-15/16	2-7/8	3-46-5130	3-49-5130	1-1/4
1-1/4	1-1/4	Pro-U Grey	Ball	250	4-7/16	3-1/4	3-1/2-46-213P	3-1/2-49-213P	1-1/2
1-1/4	1-1/4	Pro-U Grey	Delrin	250	4-7/16	3-1/4	3-1/2-46-214P	3-1/2-49-214P	1-1/2
1-1/4	1-1/4	Easy Roll Donut	Ball	225	4-7/16	3-1/4	3-1/2-46-213D	3-1/2-49-213D	1-1/2
3-1/2	1-1/4	Easy Roll Donut	Delrin	225	4-7/16	3-1/4	3-1/2-46-214D	3-1/2-49-214D	1-1/2
1-1/4	1-1/4	Easy Roll Flat	Ball	250	4-7/16	3-1/4	3-1/2-46-213F	3-1/2-49-213F	1-1/2
1-1/4	1-1/4	Easy Roll Flat	Delrin	250	4-7/16	3-1/4	3-1/2-46-214F	3-1/2-49-214F	1-1/2
1-1/4	1-1/4	Polyolefin	Plain	250	4-7/16	3-1/4	3-1/2-46-5130	3-1/2-49-5130	1-1/2
1-1/4	1-1/4	Pro-U Grey	Ball	275	4-15/16	3-1/2	4-46-213P	4-49-213P	1-1/2
1-1/4	1-1/4	Pro-U Grey	Delrin	275	4-15/16	3-1/2	4-46-214P	4-49-214P	1-1/2
1-1/4	1-1/4	Easy Roll Donut	Ball	250	4-15/16	3-1/2	4-46-213D	4-49-213D	1-1/2
4	1-1/4	Easy Roll Donut	Delrin	250	4-15/16	3-1/2	4-46-214D	4-49-214D	1-1/2
1-1/4	1-1/4	Easy Roll Flat	Ball	275	4-15/16	3-1/2	4-46-213F	4-49-213F	1-1/2
1-1/4	1-1/4	Easy Roll Flat	Delrin	275	4-15/16	3-1/2	4-46-214F	4-49-214F	1-1/2
1-1/4	1-1/4	Polyolefin	Plain	275	4-15/16	3-1/2	4-46-5130	4-49-5130	1-1/2
1-1/4	1-1/4	Pro-U Grey	Ball	300	6-1/16	4	5-46-213P	5-49-213P	1-3/4
1-1/4	1-1/4	Pro-U Grey	Delrin	300	6-1/16	4	5-46-214P	5-49-214P	1-3/4
1-1/4	1-1/4	Easy Roll Donut	Ball	250	6-1/16	4	5-46-213D	5-49-213D	1-3/4
5	1-1/4	Easy Roll Donut	Delrin	250	6-1/16	4	5-46-214D	5-49-214D	1-3/4
1-1/4	1-1/4	Easy Roll Flat	Ball	300	6-1/16	4	5-46-213F	5-49-213F	1-3/4
1-1/4	1-1/4	Easy Roll Flat	Delrin	300	6-1/16	4	5-46-214F	5-49-214F	1-3/4
1-1/4	1-1/4	Polyolefin	Plain	300	6-1/16	4	5-46-5130	5-49-5130	1-3/4
1-1/4	1-1/4	Pro-U Grey	Ball	300	7-1/16	4-1/2	6-46-213P	6-49-213P	2
1-1/4	1-1/4	Pro-U Grey	Delrin	300	7-1/16	4-1/2	6-46-214P	6-49-214P	2
1-1/4	1-1/4	Easy Roll Donut	Ball	300	7-1/16	4-1/2	6-46-213D	6-49-214D	2
6	1-1/4	Easy Roll Donut	Delrin	300	7-1/16	4-1/2	6-46-214D	6-49-214D	2
1-1/4	1-1/4	Easy Roll Flat	Ball	300	7-1/16	4-1/2	6-46-213F	6-49-213F	2
1-1/4	1-1/4	Easy Roll Flat	Delrin	300	7-1/16	4-1/2	6-46-214F	6-49-214F	2
1-1/4	1-1/4	Polyolefin	Plain	300	7-1/16	4-1/2	6-46-5130	6-49-5130	2

MEDIUM DUTY CASTERS

50 Series Zinc
505 Series Nickel



FEATURES:

- 1. Finish-**
Bright zinc plating or
Bright nickel plating.
- 2. Swivel-**
Double ball bearing with
hardened raceways for extra
strength.
- 3. Dust Cover-**
Helps protect swivel bearings.
- 4. Construction-**
Heavy duty gauge steel formed
for extra strength.
- 5. Axle-**
3/8" dia. bolt with lock nut.
- 6. Brake-**
Both Top Lock Brake and Maxi
Lock Brake are available.
- 7. Applicator-**
Fits a wide range of tubing from
7/8" I.D. to 1-7/8" I.D., round or
square. Please specify exact
tubing I.D. or O.D. and gauge.



5-50-213P-19 Zinc
5-505-213P-19 Nickel

WHEELS:



BRAKES:



EXPANDING RUBBER APPLICATOR SIZES						
Applicator Number	Tubing ID (Inches)	Size Range (Inches)	Knurled Nut	Expanding Rubber	Plain Bushing	Base Washer
11	7/8	0.852-0.927	1435-02	1645-00	1432-00	1473-02
15	1-1/8	1.030-1.140	1436-02	1646-00	1433-00	1473-02
17	1-3/16	1.178-1.303	1441-02	1648-00	1430-00	1473-02
19C	1-3/8	1.360-1.425	1438-02	1647-00	1436-00	1473-02
19A	1-1/2	1.426-1.589	1437-02	1649-00	1434-00	1473-02
21	1-7/8	1.790-1.850	1422-02	1650-00	1440-00	1473-02

Dia.	Wheel			Cap.	Load Height	Swivel Radius	50 Series Applicator	App. Wgt.
	TW	TYPE	Brg.					
Ins.	Ins.			Pounds	Ins.	Ins.	Catalog No.	Pounds
3	1-1/4	Pro-U Grey	Ball	250	3-15/16	2-7/8	3-50-213P	1-1/2
	1-1/4	Pro-U Grey	Delrin	250	3-15/16	2-7/8	3-50-214P	1-1/2
	1-1/4	Easy Roll Donut	Ball	175	3-15/16	2-7/8	3-50-213D	1-1/2
	1-1/4	Easy Roll Donut	Delrin	175	3-15/16	2-7/8	3-50-214D	1-1/2
	1-1/4	Easy Roll Flat	Ball	200	3-15/16	2-7/8	3-50-213F	1-1/2
	1-1/4	Easy Roll Flat	Delrin	200	3-15/16	2-7/8	3-50-214F	1-1/2
	1-1/4	Polyolefin	Plain	250	3-15/16	2-7/8	3-50-5130	1-1/2
3 1/2	1-1/4	Pro-U Grey	Ball	250	4-7/16	3-1/4	3-1/2-50-213P	1-3/4
	1-1/4	Pro-U Grey	Delrin	250	4-7/16	3-1/4	3-1/2-50-214P	1-3/4
	1-1/4	Easy Roll Donut	Ball	225	4-7/16	3-1/4	3-1/2-50-213D	1-3/4
	1-1/4	Easy Roll Donut	Delrin	225	4-7/16	3-1/4	3-1/2-50-214D	1-3/4
	1-1/4	Easy Roll Flat	Ball	250	4-7/16	3-1/4	3-1/2-50-213F	1-3/4
	1-1/4	Easy Roll Flat	Delrin	250	4-7/16	3-1/4	3-1/2-50-214F	1-3/4
	1-1/4	Polyolefin	Plain	250	4-7/16	3-1/4	3-1/2-50-5130	1-3/4
4	1-1/4	Pro-U Grey	Ball	275	4-15/16	3-1/2	4-50-213P	1-3/4
	1-1/4	Pro-U Grey	Delrin	275	4-15/16	3-1/2	4-50-214P	1-3/4
	1-1/4	Easy Roll Donut	Ball	250	4-15/16	3-1/2	4-50-213D	1-3/4
	1-1/4	Easy Roll Donut	Delrin	250	4-15/16	3-1/2	4-50-214D	1-3/4
	1-1/4	Easy Roll Flat	Ball	275	4-15/16	3-1/2	4-50-213F	1-3/4
	1-1/4	Easy Roll Flat	Delrin	275	4-15/16	3-1/2	4-50-214F	1-3/4
	1-1/4	Polyolefin	Plain	275	4-15/16	3-1/2	4-50-5130	1-3/4
5	1-1/4	Pro-U Grey	Ball	300	6-1/16	4	5-50-213P	2
	1-1/4	Pro-U Grey	Delrin	300	6-1/16	4	5-50-214P	2
	1-1/4	Easy Roll Donut	Ball	250	6-1/16	4	5-50-213D	2
	1-1/4	Easy Roll Donut	Delrin	250	6-1/16	4	5-50-214D	2
	1-1/4	Easy Roll Flat	Ball	300	6-1/16	4	5-50-213F	2
	1-1/4	Easy Roll Flat	Delrin	300	6-1/16	4	5-50-214F	2
	1-1/4	Polyolefin	Plain	300	6-1/16	4	5-50-5130	2
6	1-1/4	Pro-U Grey	Ball	300	7-1/16	4-1/2	6-50-213P	2-1/4
	1-1/4	Pro-U Grey	Delrin	300	7-1/16	4-1/2	6-50-214P	2-1/4
	1-1/4	Easy Roll Donut	Ball	300	7-1/16	4-1/2	6-50-213D	2-1/4
	1-1/4	Easy Roll Donut	Delrin	300	7-1/16	4-1/2	6-50-214D	2-1/4
	1-1/4	Easy Roll Flat	Ball	300	7-1/16	4-1/2	6-50-213F	2-1/4
	1-1/4	Easy Roll Flat	Delrin	300	7-1/16	4-1/2	6-50-214F	2-1/4
	1-1/4	Polyolefin	Plain	300	7-1/16	4-1/2	6-50-5130	2-1/4

MEDIUM HEAVY DUTY CASTERS

51,52 Series Zinc

FEATURES:

- 1. Finish-**
Bright zinc plating.
- 2. Swivel-**
Double ball bearing with hardened raceways for extra strength.
- 3. Rigid-**
Welded with heavy duty gauge steel for extra strength.
- 4. Dust Cover-**
For all swivel models. Helps protect bearings for greater performance.
- 5. Construction-**
Made of heavy duty gauge steel and heat treated for extra strength.
- 6. Axle-**
3/8" dia. bolt with lock nut for 3", 4" and 5"; 1/2" dia. bolt with lock nut for 6" and 8".
- 7. Brake-**
Top Lock Brake is available for swivel.
- 8. King Pin-**
1/2" steel rivet hydraulically upset.
- 9. Fork Leg Spacing- 2"**
- 10. Grease Seal- Optional**

WHEELS:



BRAKES:



Business Machine

3-51-5520-2 Zinc
Available only in 3"



5-51-250F-2 Zinc

STANDARD TOP PLATE SIZES

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
2	2-3/8 × 3-5/8	1-3/4 × 3	5/16
3	3-1/8 × 4-1/8	2-3/8 × 3-7/16	5/16
4	3-1/2 × 3-1/2	2-5/8 × 2-5/8 slotted to 2-3/4 × 2-3/4	5/16
5	3-3/4 × 4-1/2	2-5/8 × 3-5/8 slotted to 3 × 3	3/8



5-52-250P-5 Zinc

STANDARD TOP PLATE SIZES

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
2	2-1/2 × 3-5/8	1-3/4 × 3	5/16
3	3-1/8 × 4-1/8	2-3/8 × 3-7/16	5/16
4	3-1/2 × 3-1/2	2-5/8 × 2-5/8 slotted to 2-3/4 × 2-3/4	5/16
5	3-3/4 × 4-1/2	2-5/8 × 3-5/8 slotted to 3 × 3	3/8

Wheel		Cap. Pounds	Load Height Ins.	Swivel Radius Ins.	51 Series Swivel Plate	52 Series Rigid Plate	App. Wgt. Pounds		
Dia.	TW				Catalog No.	Catalog No.			
3	1-13/16	Polyolefin	Roller	400	4	2-3/8	3-51-5520	3-52-5520	1-3/4
4	1-1/2	Polyolefin	Roller	375	5-3/8	3-1/2	4-51-5220	4-52-5220	2-1/8
	1-1/2	Easy Roll Flat	Roller	400	6-1/4	4	5-51-250F	5-52-250F	2-1/8
5	1-1/2	Pro-U Grey	Roller	400	6-1/4	4	5-51-250P	5-52-250P	2-1/8
	1-1/2	Polyolefin	Roller	400	6-1/4	4	5-51-5220	5-52-5220	2-3/4
	1-1/2	Easy Roll Flat	Roller	400	7-1/2	4-3/4	6-51-250F	6-52-250F	2-3/4
6	1-1/2	Pro-U Grey	Roller	400	7-1/2	4-3/4	6-51-250P	6-52-250P	2-3/4
	1-1/2	Polyolefin	Roller	400	7-1/2	4-3/4	6-51-5220	6-52-5220	2-3/4

HEAVY DUTY CASTERS

60,61 Series Zinc

FEATURES:

1. Finish- Bright zinc plating.
2. Swivel-
Double ball bearing formed raceways for extra strength.
3. Rigid-
Welded with heavy duty gauge steel for extra strength.
4. Riveted King Pin-
5/8" dia.
5. Construction-
Formed from 1/4" thick steel for extra strength.
6. Grease Fittings-
Provided in swivel raceway and wheel bearings.
7. Axle-
1/2" dia. bolt with zerk and lock nut.
8. Brake + Lock-
Top Lock Brake, Swivel Lock and Pro Lock available for swivel.
9. Fork leg spacing 2-1/2".
10. Optional heat treated raceways and top plate.



6-60-220D-1 Zinc

STANDARD TOP PLATE SIZE			
Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
1	4 × 4-1/2	2-5/8 × 3-5/8 slotted to 3 × 3	3/8
3	4-1/2 × 6-1/4	2-7/16 × 4-15/16 slotted to 3-3/8 × 5-1/4	1/2



6-61-220D-1 Zinc

STANDARD TOP PLATE SIZE			
Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
1	4 × 4-1/2	2-5/8 × 3-5/8 slotted to 3 × 3	3/8
3	4-1/2 × 6-1/4	2-7/16 × 4-15/16 slotted to 3-3/8 × 5-1/4	1/2

WHEELS:



BRAKES:



Dia.	Wheel			Cap.	Load Height	Swivel Radius	60 Series	61 Series	App. Wgt.
	TW	TYPE	Brg.				Swivel Plate	Rigid Plate	
Ins.	Ins.			Pounds	Ins.	Ins.	Catalog No.	Catalog No.	Pounds
4	2	Pro-U Grey	Roller	600	5-5/8	3-9/16	4-60-220P	4-61-220P	4
	2	Easy Roll Flat	Roller	350	5-5/8	3-9/16	4-60-220F	4-61-220F	4
	2	Phenolic	Plain	700	5-5/8	3-9/16	4-60-421R	4-61-421R	4
	2	Phenolic	Roller	700	5-5/8	3-9/16	4-60-420R	4-61-420R	4
	2	Polyolefin	Roller	500	5-5/8	3-9/16	4-60-5320	4-61-5320	4
5	2	Pro-U Grey	Roller	700	6-1/2	4-5/16	5-60-220P	5-61-220P	4
	2	Easy Roll Donut	Roller	450	6-1/2	4-5/16	5-60-220D	5-61-220D	4
	2	Easy Roll Flat	Roller	300	6-1/2	4-5/16	5-60-220F	5-61-220F	4
	2	Phenolic	Plain	900	6-1/2	4-5/16	5-60-421R	5-61-421R	4
	2	Phenolic	Roller	900	6-1/2	4-5/16	5-60-420R	5-61-420R	4
6	2	Polyolefin	Roller	650	6-1/2	4-5/16	5-60-5320	5-61-5320	4
	2	Pro-U Grey	Roller	800	7-1/2	5-1/16	6-60-220P	6-61-220P	4-1/2
	2	Easy Roll Donut	Roller	450	7-1/2	5-1/16	6-60-220D	6-61-220D	4-1/2
	2	Easy Roll Flat	Roller	600	7-1/2	5-1/16	6-60-220F	6-61-220F	4-1/2
	2	Phenolic	Plain	900	7-1/2	5-1/16	6-60-421R	6-61-421R	4-1/2
8	2	Phenolic	Roller	900	7-1/2	5-1/16	6-60-420R	6-61-420R	4-1/2
	2	Polyolefin	Roller	700	7-1/2	5-1/16	6-60-5320	6-61-5320	4-1/2
	2	Pro-U Grey	Roller	1000	9-1/2	6-1/2	8-60-220P	8-61-220P	5-1/2
	2	Easy Roll Donut	Roller	500	9-1/2	6-1/2	8-60-220D	8-61-220D	5-1/2
	2	Easy Roll Flat	Roller	675	9-1/2	6-1/2	8-60-220F	8-61-220F	5-1/2
8	2	Phenolic	Plain	1000	9-1/2	6-1/2	8-60-421R	8-61-421R	5-1/2
	2	Phenolic	Roller	1000	9-1/2	6-1/2	8-60-420R	8-61-420R	5-1/2
	2	Polyolefin	Roller	900	9-1/2	6-1/2	8-60-5320	8-61-5320	5-1/2

TOTAL/ DIRECTO LOCK CASTERS

72,74 Series
72S,74S Series

Zinc
Stainless

FEATURES:

Castors with Total Lock or Directo Lock used for food service, utility carts, health care and hospital equipment.

Easy Step: ON/OFF

Total Lock:
Simultaneously locks the swivel and wheel making the unit stationary.

Directo Lock:
Locks the swivel in straight tracking position.

1. **Finish-**
Bright zinc plating.
2. **Swivel-**
Double ball bearing with hardened raceways for extra strength.
3. **Dust Cover-**
Helps protect swivel bearings.
4. **Construction-**
Heavy duty gauge steel formed for extra strength.
5. **Axle-**
3/8" dia. bolt with lock nut.
6. **Grease Seal- Optional**

WHEELS:



5-72-213P-2 Zinc

STANDARD TOP PLATE SIZE			
Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
2	2-3/8 x 3-5/8	1-3/4 x 3	5/16



5-74-213P-41 Zinc

STANDARD SPRING RING STEM SIZES	
Stem Number	Dimensions
41	.845 x 2-3/16
47	.865 x 2-3/16 with 2 c-rings
61	.860 x 2-3/16

Dia.	Wheel			Cap.	Load Height	Swivel Radius	72 Series	74 Series	App. Wgt.
	TW	TYPE	Brg.				Total/Directo	Total/Directo	
Ins.	Ins.			Pounds	Ins.	Ins.	Catalog No.	Catalog No.	Pounds
3	1-1/4	Pro-U Grey	Ball	250	4-1/8	4-3/16	3-72-213P-T/D	3-74-213P-T/D	1-3/4
	1-1/4	Pro-U Grey	Delrin	250	4-1/8	4-3/16	3-72-214P-T/D	3-74-214P-T/D	1-3/4
	1-1/4	Easy Roll Donut	Ball	175	4-1/8	4-3/16	3-72-213D-T/D	3-74-213D-T/D	1-3/4
	1-1/4	Easy Roll Donut	Delrin	175	4-1/8	4-3/16	3-72-214D-T/D	3-74-214D-T/D	1-3/4
	1-1/4	Easy Roll Flat	Ball	200	4-1/8	4-3/16	3-72-213F-T/D	3-74-213F-T/D	1-3/4
	1-1/4	Easy Roll Flat	Delrin	200	4-1/8	4-3/16	3-72-214F-T/D	3-74-214F-T/D	1-3/4
	1-1/4	Polyolefin	Plain	250	4-1/8	4-3/16	3-72-5130-T/D	3-74-5130-T/D	1-3/4
	1-1/4	Pro-U Grey	Ball	275	5-1/8	4-3/16	4-72-213P-T/D	4-74-213P-T/D	2
4	1-1/4	Pro-U Grey	Delrin	275	5-1/8	4-3/16	4-72-214P-T/D	4-74-214P-T/D	2
	1-1/4	Easy Roll Donut	Ball	250	5-1/8	4-3/16	4-72-213D-T/D	4-74-213D-T/D	2
	1-1/4	Easy Roll Donut	Delrin	250	5-1/8	4-3/16	4-72-214D-T/D	4-74-214D-T/D	2
	1-1/4	Easy Roll Flat	Ball	275	5-1/8	4-3/16	4-72-213F-T/D	4-74-213F-T/D	2
	1-1/4	Easy Roll Flat	Delrin	275	5-1/8	4-3/16	4-72-214F-T/D	4-74-214F-T/D	2
	1-1/4	Polyolefin	Plain	275	5-1/8	4-3/16	4-72-5130-T/D	4-74-5130-T/D	2
	1-1/4	Pro-U Grey	Ball	300	6-1/4	4-3/16	5-72-213P-T/D	5-74-213P-T/D	2-1/4
	1-1/4	Pro-U Grey	Delrin	300	6-1/4	4-3/16	5-72-214P-T/D	5-74-214P-T/D	2-1/4
5	1-1/4	Easy Roll Donut	Ball	250	6-1/4	4-3/16	5-72-213D-T/D	5-74-213D-T/D	2-1/4
	1-1/4	Easy Roll Donut	Delrin	250	6-1/4	4-3/16	5-72-214D-T/D	5-74-214D-T/D	2-1/4
	1-1/4	Easy Roll Flat	Ball	300	6-1/4	4-3/16	5-72-213F-T/D	5-74-213F-T/D	2-1/4
	1-1/4	Easy Roll Flat	Delrin	300	6-1/4	4-3/16	5-72-214F-T/D	5-74-214F-T/D	2-1/4
	1-1/4	Polyolefin	Plain	300	6-1/4	4-3/16	5-72-5130-T/D	5-74-5130-T/D	2-1/4
	1-1/4	Pro-U Grey	Ball	300	7-1/4	4-1/2	6-72-213P-T/D	6-74-213P-T/D	2-1/2
	1-1/4	Pro-U Grey	Delrin	300	7-1/4	4-1/2	6-72-214P-T/D	6-74-214P-T/D	2-1/2
	1-1/4	Easy Roll Donut	Ball	300	7-1/4	4-1/2	6-72-213D-T/D	6-74-213D-T/D	2-1/2
6	1-1/4	Easy Roll Donut	Delrin	300	7-1/4	4-1/2	6-72-214D-T/D	6-74-214D-T/D	2-1/2
	1-1/4	Easy Roll Flat	Ball	300	7-1/4	4-1/2	6-72-213F-T/D	6-74-213F-T/D	2-1/2
	1-1/4	Easy Roll Flat	Delrin	300	7-1/4	4-1/2	6-72-214F-T/D	6-74-214F-T/D	2-1/2
	1-1/4	Easy Roll Flat	Delrin	300	7-1/4	4-1/2	6-72-214F-T/D	6-74-214F-T/D	2-1/2

Note:

1. When ordering, item numbers with a "D" indicate Directo. When ordering, item numbers with a "T" indicate Total.
2. Deduct 3/16" from load height for all stem casters.

TOTAL/ DIRECTO LOCK CASTERS

76,77 Series
76S,77S Series

Zinc
Stainless

FEATURES:

Casters with Total Lock or Directo Lock used for food service, utility carts, health care and hospital equipment.

Easy Step: ON/OFF

Total Lock:
Simultaneously locks the swivel and wheel making the unit stationary.

Directo Lock:
Locks the swivel in straight tracking position.

1. **Finish-**
Bright zinc plating.
2. **Swivel-**
Double ball bearing with hardened raceways for extra strength.
3. **Dust Cover-**
Helps protect swivel bearings.
4. **Construction-**
Heavy duty gauge steel formed for extra strength.
5. **Axle-**
3/8" dia. bolt with lock nut.
6. **Grease Seal- Optional**

WHEELS:



5-76-213P-22 Zinc

STANDARD THREADED STEM SIZES	
Threaded Stem Number	Dimensions
20	1/2 - 13 × 3/4
21	1/2 - 13 × 1
22	1/2 - 13 × 1-1/2
23	1/2 - 13 × 2-3/4
31	5/8 - 11 × 1-3/4
32	3/4 - 10 × 1
33	5/8 - 11 × 1



5-77-213P-19 Zinc

EXPANDING RUBBER APPLICATOR SIZES						
Applicator Number	Tubing ID (inches)	Size Range (inches)	Knurled Nut	Expanding Rubber	Plain Bushing	Base Washer
11	7/8	0.852-0.927	1435-02	1645-00	1432-00	1473-02
15	1-1/8	1.030-1.140	1436-02	1646-00	1433-00	1473-02
17	1-3/16	1.178-1.303	1441-02	1648-00	1430-00	1473-02
19C	1-3/8	1.360-1.425	1438-02	1647-00	1436-00	1473-02
19A	1-1/2	1.426-1.589	1437-02	1649-00	1434-00	1473-02
21	1-7/8	1.790-1.850	1422-02	1650-00	1440-00	1473-02

Dia.	Wheel			Cap.	Load Height	Swivel Radius	76 Series	77 Series	App. Wgt.
	TW	TYPE	Brg.				Total/Directo	Total	
Ins.	Ins.			Pounds	Ins.	Ins.	Catalog No.	Catalog No.	Pounds
1-1/4	Pro-U Grey	Ball	250	3-15/16	4-3/16	3-76-213P-T/D	3-77-213P-T	1-3/4	
1-1/4	Pro-U Grey	Delrin	250	3-15/16	4-3/16	3-76-214P-T/D	3-77-214P-T	1-3/4	
1-1/4	Easy Roll Donut	Ball	175	3-15/16	4-3/16	3-76-213D-T/D	3-77-213D-T	1-3/4	
3	1-1/4	Easy Roll Donut	Delrin	175	3-15/16	4-3/16	3-76-214D-T/D	3-77-214D-T	1-3/4
1-1/4	Easy Roll Flat	Ball	200	3-15/16	4-3/16	3-76-213F-T/D	3-77-213F-T	1-3/4	
1-1/4	Easy Roll Flat	Delrin	200	3-15/16	4-3/16	3-76-214F-T/D	3-77-214F-T	1-3/4	
1-1/4	Polyolefin	Plain	250	3-15/16	4-3/16	3-76-5130-T/D	3-77-5130-T	1-3/4	
1-1/4	Pro-U Grey	Ball	275	4-15/16	4-3/16	4-76-213P-T/D	4-77-213P-T	2	
1-1/4	Pro-U Grey	Delrin	275	4-15/16	4-3/16	4-76-214P-T/D	4-77-214P-T	2	
1-1/4	Easy Roll Donut	Ball	250	4-15/16	4-3/16	4-76-213D-T/D	4-77-213D-T	2	
4	1-1/4	Easy Roll Donut	Delrin	250	4-15/16	4-3/16	4-76-214D-T/D	4-77-214D-T	2
1-1/4	Easy Roll Flat	Ball	275	4-15/16	4-3/16	4-76-213F-T/D	4-77-213F-T	2	
1-1/4	Easy Roll Flat	Delrin	275	4-15/16	4-3/16	4-76-214F-T/D	4-77-214F-T	2	
1-1/4	Polyolefin	Plain	275	4-15/16	4-3/16	4-76-5130-T/D	4-77-5130-T	2	
1-1/4	Pro-U Grey	Ball	300	6-1/16	4-3/16	5-76-213P-T/D	5-77-213P-T	2-1/4	
1-1/4	Pro-U Grey	Delrin	300	6-1/16	4-3/16	5-76-214P-T/D	5-77-214P-T	2-1/4	
1-1/4	Easy Roll Donut	Ball	250	6-1/16	4-3/16	5-76-213D-T/D	5-77-213D-T	2-1/4	
5	1-1/4	Easy Roll Donut	Delrin	250	6-1/16	4-3/16	5-76-214D-T/D	5-77-214D-T	2-1/4
1-1/4	Easy Roll Flat	Ball	300	6-1/16	4-3/16	5-76-213F-T/D	5-77-213F-T	2-1/4	
1-1/4	Easy Roll Flat	Delrin	300	6-1/16	4-3/16	5-76-214F-T/D	5-77-214F-T	2-1/4	
1-1/4	Polyolefin	Plain	300	6-1/16	4-3/16	5-76-5130-T/D	5-77-5130-T	2-1/4	
1-1/4	Pro-U Grey	Ball	300	7-1/16	4-1/2	6-76-213P-T/D	6-77-213P-T	2-1/2	
1-1/4	Pro-U Grey	Delrin	300	7-1/16	4-1/2	6-76-214P-T/D	6-77-214P-T	2-1/2	
1-1/4	Easy Roll Donut	Ball	300	7-1/16	4-1/2	6-76-213D-T/D	6-77-213D-T	2-1/2	
6	1-1/4	Easy Roll Donut	Delrin	300	7-1/16	4-1/2	6-76-214D-T/D	6-77-214D-T	2-1/2
1-1/4	Easy Roll Flat	Ball	300	7-1/16	4-1/2	6-76-213F-T/D	6-77-213F-T	2-1/2	
1-1/4	Easy Roll Flat	Delrin	300	7-1/16	4-1/2	6-76-214F-T/D	6-77-214F-T	2-1/2	

Note:

1. When ordering, item numbers with a "D" indicate Directo. When ordering, item numbers with a "T" indicate Total.

THERMOPLASTIC CASTERS

80,81 Series
80S,81S Series

with Zinc Hardware
with Stainless Steel Hardware

FEATURES:

Castors are available in swivel and total lock or directional lock. They are used on food service, utility carts, health care and hospital equipment.

Total Lock: Simultaneously locks the swivel and wheel making the unit stationary.

Directional Lock: Locks the swivel in straight tracking position.

1. **Swivel**- Precision ball bearing.
2. **Construction**- Plastic body with zinc plated carbon steel fittings or SS fittings.
3. **Axle**- 3/8" dia. bolt with lock nut completed with axle caps.
4. **Brake**- Total lock and directional lock are available.

Note: Available directly from Vulcan Machinery.

WHEELS:



Wheel				Cap.	Load Height	Swivel Radius	80 Series Total/Directional	App. Wgt.
Dia.	TW		Brg.					
Ins.	Ins.	TYPE	Brg.	Pounds	Ins.	Ins.	Catalog No.	Pounds
5	1-1/4	Pro-U Grey	Ball	300	6-13/16	4-1/4	5-80-213P-T/D	1-3/4
	1-1/4	Pro-U Grey	Delrin	300	6-13/16	4-1/4	5-80-214P-T/D	1-3/4
	1-1/4	Easy Roll Donut	Ball	300	6-13/16	4-1/4	5-80-213D-T/D	1-3/4
	1-1/4	Easy Roll Donut	Delrin	300	6-13/16	4-1/4	5-80-214D-T/D	1-3/4
	1-1/4	Easy Roll Flat	Ball	300	6-13/16	4-1/4	5-80-213F-T/D	1-3/4
	1-1/4	Easy Roll Flat	Delrin	300	6-13/16	4-1/4	5-80-214F-T/D	1-3/4

Note:

1. Precision bearing constructed of #3 Series S.S. cases and #4 Series S.S. balls.
2. When ordering, item numbers with a "D" indicate Directional
When ordering, item numbers with a "T" indicate Total



5-80-213D-5-T Zinc
Total Lock Brake

5-80-213D-5-D Zinc
Directional Lock Brake



5-80-213D-2 Zinc
Swivel

STANDARD TOP PLATE SIZES

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
2	2-3/8 x 3-5/8	1-3/4 x 3	5/16
3	3-1/8 x 4-1/8	2-3/8 x 3-7/16	5/16
4	3-1/2 x 3-1/2	2-5/8 x 2-5/8 slotted to 2-3/4 x 2-3/4	5/16
5	3-3/4 x 4-1/2	2-5/8 x 3-5/8 slotted to 3 x 3	3/8

THERMOPLASTIC CASTERS

87 Series
87S Series

with Zinc Hardware
with Stainless Steel Hardware

FEATURES:

Castors are available in swivel and total lock or directional lock. They are used on food service, utility carts, health care and hospital equipment.

Total Lock: Simultaneously locks the swivel and wheel making the unit stationary.

Directional Lock: Locks the swivel in straight tracking position.

1. **Swivel**- Precision ball bearing.
2. **Construction**- Plastic body with zinc plated carbon steel fittings or SS fittings.
3. **Axle**- 3/8" dia. bolt with lock nut completed with axle caps.
4. **Brake**- Total lock and directional lock are available.

Note: Available directly from Vulcan Machinery.

WHEELS:



5-87-213D-19-T Zinc
Total Lock Brake

5-87-213D-19-D Zinc
Directional Lock Brake



5-87-213D-19 Zinc
Swivel

EXPANDING RUBBER APPLICATOR SIZES

Applicator Number	Tubing ID (Inches)	Size Range (Inches)	Knurled Nut	Expanding Rubber	Plain Bushing	Base* Washer
11	7/8	0.852-0.927	1435-02*	1645-00	1432-00	1473-02
15	1-1/8	1.030-1.140	1436-02	1646-00	1433-00	1473-02
17	1-3/16	1.178-1.303	1441-02	1648-00	1430-00	1473-02
19C	1-3/8	1.360-1.425	1438-02*	1647-00	1436-00	1473-02
19A	1-1/2	1.426-1.589	1437-02*	1649-00	1434-00	1473-02
21	1-7/8	1.790-1.850	1422-02	1650-00	1440-00	1473-02

Note:

1. Fits a wide range of tubing from 7/8" I.D. to 1-7/8" I.D., round or square. Please specify exact tubing I.D. or O.D. and gauge.
2. * Also available in stainless steel.

Wheel				Cap.	Load Height	Swivel Radius	87 Series Total/Directional	App. Wgt.
Dia.	TW		Brg.					
Ins.	Ins.	TYPE	Brg.	Pounds	Ins.	Ins.	Catalog No.	Pounds
5	1-1/4	Pro-U Grey	Ball	300	6-7/16	4-1/4	5-87-213P-T/D	1-3/4
	1-1/4	Pro-U Grey	Delrin	300	6-7/16	4-1/4	5-87-214P-T/D	1-3/4
	1-1/4	Easy Roll Donut	Ball	300	6-7/16	4-1/4	5-87-213D-T/D	1-3/4
	1-1/4	Easy Roll Donut	Delrin	300	6-7/16	4-1/4	5-87-214D-T/D	1-3/4
	1-1/4	Easy Roll Flat	Ball	300	6-7/16	4-1/4	5-87-213F-T/D	1-3/4
	1-1/4	Easy Roll Flat	Delrin	300	6-7/16	4-1/4	5-87-214F-T/D	1-3/4

Note:

1. Precision bearing constructed of #3 Series S.S. cases and #4 Series S.S. balls.
2. When ordering, item numbers with a "D" indicate Directional
When ordering, item numbers with a "T" indicate Total

PROFESSIONAL CASTERS

P0,P4,P6 Series
P05,P45,P65 Series
P0S,P4S,P6S Series

Zinc
Nickel
Stainless

FEATURES:

Professional Lock casters are used on food service and utility carts as well as hospital equipment.

Easy Step: ON/OFF

Professional Lock either locks the swivel and wheel making the unit stationary, or locks the swivel in a straight tracking position. Pedals are ergonomically designed for better access.

- 1. Finish-** Bright zinc plating or Bright nickel plating.
- 2. Swivel-** Double ball bearing with hardened raceways for extra strength.
- 3. Dust Cover-** Helps protect swivel bearings.
- 4. Construction-** Heavy duty gauge steel formed for extra strength.
- 5. Axle-** 3/8" dia. bolt with lock nut.
- 6. Applicator-** P7, P75, P7S Series Expanding rubber applicator available upon request.
- 7. Grease Seal-** Optional

WHEELS:



5-P0-213D-2 Zinc
5-P05-213D-2 Nickel

STANDARD TOP PLATE SIZES

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
2	2-3/8 × 3-5/8	1-3/4 × 3	5/16
3	3-1/8 × 4-1/8	2-3/8 × 3-7/16	5/16
4	3-1/2 × 3-1/2	2-5/8 × 2-5/8 slotted to 2-3/4 × 2-3/4	5/16
5	3-3/4 × 4-1/2	2-5/8 × 3-5/8 slotted to 3 × 3	3/8



5-P4-213D-41 Zinc
5-P45-213D-41 Nickel

STANDARD SPRING RING STEM SIZES

Round Stem Number	Dimensions
41	.845 × 2-3/16
47	.865 × 2-3/16 with 2 c-rings
61	.860 × 2-3/16



5-P6-213D-22 Zinc
5-P65-213D-22 Nickel

STANDARD THREADED STEM SIZES

Threaded Stem Number	Dimensions
20	1/2 - 13 × 3/4
21	1/2 - 13 × 1
22	1/2 - 13 × 1-1/2
23	1/2 - 13 × 2-3/4
31	5/8 - 11 × 1-3/4
32	3/4 - 10 × 1
33	5/8 - 11 × 1

Dia.	Wheel			Cap.	Load Height	Swivel Radius	P0 Series	P6 Series	App. Wgt.
	TW	TYPE	Brg.				Swivel Plate	Threaded Stem	
Ins.	Ins.			Pounds	Ins.	Ins.	Catalog No.	Catalog No.	Pounds
4	1-1/4	Pro-U Grey	Ball	275	5-1/8	4-3/8	4-P0-213P	4-P6-213P	2
	1-1/4	Pro-U Grey	Delrin	275	5-1/8	4-3/8	4-P0-214P	4-P6-214P	2
	1-1/4	Easy Roll Donut	Ball	250	5-1/8	4-3/8	4-P0-213D	4-P6-213D	2
	1-1/4	Easy Roll Donut	Delrin	250	5-1/8	4-3/8	4-P0-214D	4-P6-214D	2
	1-1/4	Easy Roll Flat	Ball	275	5-1/8	4-3/8	4-P0-213F	4-P6-213F	2
	1-1/4	Easy Roll Flat	Delrin	275	5-1/8	4-3/8	4-P0-214F	4-P6-214F	2
5	1-1/4	Pro-U Grey	Ball	300	6-1/4	4-7/16	5-P0-213P	5-P6-213P	2-1/2
	1-1/4	Pro-U Grey	Delrin	300	6-1/4	4-7/16	5-P0-214P	5-P6-214P	2-1/2
	1-1/4	Easy Roll Donut	Ball	250	6-1/4	4-7/16	5-P0-213D	5-P6-213D	2-1/2
	1-1/4	Easy Roll Donut	Delrin	250	6-1/4	4-7/16	5-P0-214D	5-P6-214D	2-1/2
	1-1/4	Easy Roll Flat	Ball	300	6-1/4	4-7/16	5-P0-213F	5-P6-213F	2-1/2
	1-1/4	Easy Roll Flat	Delrin	300	6-1/4	4-7/16	5-P0-214F	5-P6-214F	2-1/2
6	1-1/4	Pro-U Grey	Ball	300	7-1/4	4-1/2	6-P0-213P	6-P6-213P	2-3/4
	1-1/4	Pro-U Grey	Delrin	300	7-1/4	4-1/2	6-P0-214P	6-P6-214P	2-3/4
	1-1/4	Easy Roll Donut	Ball	300	7-1/4	4-1/2	6-P0-213D	6-P6-213D	2-3/4
	1-1/4	Easy Roll Donut	Delrin	300	7-1/4	4-1/2	6-P0-214D	6-P6-214D	2-3/4
	1-1/4	Easy Roll Flat	Ball	300	7-1/4	4-1/2	6-P0-213F	6-P6-213F	2-3/4
	1-1/4	Easy Roll Flat	Delrin	300	7-1/4	4-1/2	6-P0-214F	6-P6-214F	2-3/4

Note: Deduct 3/16" from load height for all stem casters.

TOTAL/ DIRECTIONAL LOCK CASTERS

T0-D0 - T9-D9 Series
T05-D05 - T95-D95 Series

Zinc
Nickel

FEATURES:

These casters are available in both total lock and directional lock. Pedals are ergonomically designed for better access. They are used on food service, utility carts, health care and hospital equipment.

Easy Step: ON/OFF

Total Lock:

Simultaneously locks the swivel and wheel making the unit stationary.

Directional Lock:

Locks the swivel in straight tracking position.

1. **Finish-** Bright zinc plating or Bright nickel plating.
2. **Swivel-** Double ball bearing with hardened raceways for extra strength.
3. **Dust Cover-** Helps protect swivel bearings.
4. **Construction-** Heavy duty gauge steel formed for extra strength.
5. **Axle-** 3/8" dia. bolt with lock nut.

WHEELS:



5-T0-213D-2 Zinc
5-T05-213D-2 Nickel

SERIES T0/D0
Standard Top Plate

STANDARD TOP PLATE SIZES

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
2	2-3/8 × 3-5/8	1-3/4 × 3	5/16
3	3-1/8 × 4-1/8	2-3/8 × 3-7/16	5/16
4	3-1/2 × 3-1/2	2-5/8 × 2-5/8 slotted to 2-3/4 × 2-3/4	5/16
5	3-3/4 × 4-1/2	2-5/8 × 3-5/8 slotted to 3 × 3	3/8



5-D4-213D-41 Zinc
5-D45-213D-41 Nickel

SERIES T4/D4

STANDARD SPRING RING STEM SIZES

Round Stem Number	Dimensions
41	.845 × 2-3/16
47	.865 × 2-3/16 with 2 c-rings
61	.860 × 2-3/16



5-T6-213D-22 Zinc
5-T65-213D-22 Nickel

SERIES T6/D6

STANDARD THREADED STEM SIZES

Threaded Stem Number	Dimensions
20	1/2 - 13 × 3/4
21	1/2 - 13 × 1
22	1/2 - 13 × 1-1/2
23	1/2 - 13 × 2-3/4
31	5/8 - 11 × 1-3/4
32	3/4 - 10 × 1
33	5/8 - 11 × 1

Dia.	Wheel			Cap.	Load Height	Swivel Radius	T0 Series	D0 Series	App. Wgt.
	TW	TYPE	Brg.				Total Lock	Directo Lock	
Ins.	Ins.			Pounds	Ins.	Ins.	Catalog No.	Catalog No.	Pounds
1-1/4	Pro-U Grey	Ball		275	5-1/8	5-1/16	4-T0-213P-T	4-D0-213P-D	2
1-1/4	Pro-U Grey	Delrin		275	5-1/8	5-1/16	4-T0-214P-T	4-D0-214P-D	2
1-1/4	Easy Roll Donut	Ball		250	5-1/8	5-1/16	4-T0-213D-T	4-D0-213D-D	2
4	1-1/4	Easy Roll Donut	Delrin	250	5-1/8	5-1/16	4-T0-214D-T	4-D0-214D-D	2
1-1/4	Easy Roll Flat	Ball		275	5-1/8	5-1/16	4-T0-213F-T	4-D0-213F-D	2
1-1/4	Easy Roll Flat	Delrin		275	5-1/8	5-1/16	4-T0-214F-T	4-D0-214F-D	2
1-1/4	Polyolefin	Plain		275	5-1/8	5-1/16	4-T0-5130-T	4-D0-5130-D	2
1-1/4	Pro-U Grey	Ball		300	6-1/4	5-1/16	5-T0-213P-T	5-D0-213P-D	2-1/4
1-1/4	Pro-U Grey	Delrin		300	6-1/4	5-1/16	5-T0-214P-T	5-D0-214P-D	2-1/4
1-1/4	Easy Roll Donut	Ball		250	6-1/4	5-1/16	5-T0-213D-T	5-D0-213D-D	2-1/4
5	1-1/4	Easy Roll Donut	Delrin	250	6-1/4	5-1/16	5-T0-214D-T	5-D0-214D-D	2-1/4
1-1/4	Easy Roll Flat	Ball		300	6-1/4	5-1/16	5-T0-213F-T	5-D0-213F-D	2-1/4
1-1/4	Easy Roll Flat	Delrin		300	6-1/4	5-1/16	5-T0-214F-T	5-D0-214F-D	2-1/4
1-1/4	Polyolefin	Plain		300	6-1/4	5-1/16	5-T0-5130-T	5-D0-5130-D	2-1/4
1-1/4	Pro-U Grey	Ball		300	7-1/4	5-1/8	6-T0-213P-T	6-D0-213P-D	2-1/2
1-1/4	Pro-U Grey	Delrin		300	7-1/4	5-1/8	6-T0-214P-T	6-D0-214P-D	2-1/2
6	1-1/4	Easy Roll Donut	Ball	300	7-1/4	5-1/8	6-T0-213D-T	6-D0-213D-D	2-1/2
1-1/4	Easy Roll Donut	Delrin		300	7-1/4	5-1/8	6-T0-214D-T	6-D0-214D-D	2-1/2
1-1/4	Easy Roll Flat	Ball		300	7-1/4	5-1/8	6-T0-213F-T	6-D0-213F-D	2-1/2
1-1/4	Easy Roll Flat	Delrin		300	7-1/4	5-1/8	6-T0-214F-T	6-D0-214F-D	2-1/2

Note:

1. When ordering, item numbers with a "D" indicate Directional. When ordering, item numbers with a "T" indicate Total.
2. Deduct 3/16" from load height for all stem casters.

SHOPPING CART CASTERS

SC,S4 Series

Zinc

FEATURES:

SHOPPING CART CASTERS are designed specifically for the especially harsh demands of this industry.

1. Premium Polyurethane:

Specifically formulated for longer life and greater rolling ease in tough specialized applications seen in the shopping cart market.

2. Hub design:

Minimizes the debris carrying characteristics sometimes seen with competitive wheels.

In addition to superior shock handling capability and rollability this bearing is custom designed to withstand the several lateral load conditions that are typical in shopping cart environments.

WHEELS:



4-S4-415P-53 Zinc

STANDARD ROUND STEM SIZES

Round Stem Number	Dimensions
51	.875 × 2-1/8
53	1 × 2-1/2



5-SC-415P-21 Zinc

STANDARD THREADED STEM SIZES

Threaded Stem Number	Dimensions
21	1/2 - 13 × 1

Wheel				Cap. Pounds	Load Height Ins.	Swivel Radius Ins.	S4 Series	SC Series	App. Wgt. Pounds
Dia.	TW	Round Stem	Threaded Stem						
Ins.	Ins.	TYPE	Brg.				Catalog No.	Catalog No.	
4	1-1/4	Pro-U	Delrin	250	5	3-3/8	4-S4-214P	4-SC-214P	1-1/2
5	1-1/4	Pro-U	One Piece	300	5-7/8	4	5-S4-415P	5-SC-415P	1-3/4

PNEUMATIC/ FOAM FILLED CASTERS

90,91 Series

Zinc



10-90-254G-1 Zinc
10-90-25FG-1 Zinc

Pneumatic/ Foam Filled Swivel

STANDARD TOP PLATE SIZE

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
1	4 × 4-1/2	2-5/8 × 3-5/8 slotted to 3 × 3	3/8



10-91-254B-1 Zinc
10-91-25FB-1 Zinc

Pneumatic/ Foam Filled Rigid

STANDARD TOP PLATE SIZE

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
1	4 × 4-1/2	2-5/8 × 3-5/8 slotted to 3 × 3	3/8

Wheel				Cap. Pounds	Load Height Ins.	Offset Ins.	90 Series	91 Series	App. Wgt. Pounds
Dia.	TW	Swivel Plate	Rigid Plate						
Ins.	Ins.	TYPE	Brg.				Catalog No.	Catalog No.	
6	2	Pneumatic	Ball	265	7-1/2	2-1/16	6-90-254G	6-91-254G	5
	2	Pneumatic	Ball	265	7-1/2	2-1/16	6-90-254B	6-91-254B	5
	2	Foam Filled	Ball	350	7-1/2	2-1/16	6-90-25FG	6-91-25FG	5-3/4
	2	Foam Filled	Ball	350	7-1/2	2-1/16	6-90-25FB	6-91-25FB	5-3/4
8	2-1/2	Pneumatic	Ball	310	10	2-3/4	8-90-254G	8-91-254G	7-1/4
	2-1/2	Pneumatic	Ball	310	10	2-3/4	8-90-254B	8-91-254B	7-1/4
	2-1/2	Foam Filled	Ball	450	10	2-3/4	8-90-25FG	8-91-25FG	8-1/4
	2-1/2	Foam Filled	Ball	450	10	2-3/4	8-90-25FB	8-91-25FB	8-1/4
10	3-1/2	Pneumatic	Ball	350	11-7/8	2-5/8	10-90-354G	10-91-354G	8-3/4
	3-1/2	Pneumatic	Ball	350	11-7/8	2-5/8	10-90-354B	10-91-354B	8-3/4
	3-1/2	Foam Filled	Ball	550	11-7/8	2-5/8	10-90-35FG	10-91-35FG	11
	3-1/2	Foam Filled	Ball	550	11-7/8	2-5/8	10-90-35FB	10-91-35FB	11

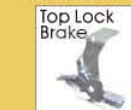
FEATURES:

- 1. Finish-**
Bright zinc plating.
- 2. Swivel-**
Double ball bearing with hardened raceways for extra strength.
- 3. Top Lock Brake-**
Available for swivel caster.
- 4. Large foot pedal-**
Makes brake easier to operate and provides better foot placement.
- 5. All wheels are with 3 piece steel hub.**

WHEELS:



BRAKES:



SHOCK ABSORBING CASTERS

Z0, Z1 Series
Z05, Z15 Series

Zinc
Nickel

FEATURES:

- Finish-**
Bright zinc plating or Bright nickel plating.
- Swivel-**
Double ball bearing with hardened raceways for extra strength.
- Rigid-**
Pressed with heavy duty gauge steel for extra strength.
- Dust Cover-**
Helps protect swivel bearings.
- Construction-** Heavy duty gauge steel formed for extra strength.
- Axle-** 3/8" dia. bolt with zerk and lock nut.
- Brake-** Maxi Lock available.

Note:

- Other wheels are available on special request.
- Available directly from Vulcan Machinery.

WHEELS:



BRAKES:



5-Z0-213P-2 Zinc
5-Z05-213P-2 Nickel

STANDARD TOP PLATE SIZES FOR SWIVEL

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
2	2-3/8 x 3-5/8	1-3/4 x 3	5/16
3	3-1/8 x 4-1/8	2-3/8 x 3-7/16	5/16
4	3-1/2 x 3-1/2	2-5/8 x 2-5/8 slotted to 2-3/4 x 2-3/4	5/16
5	3-3/4 x 4-1/2	2-5/8 x 3-5/8 slotted to 3 x 3	3/8

Other plate sizes are available on special request.



5-Z1-213P-2 Zinc
5-Z15-213P-2 Nickel

#2 Top Plate available only.

Wheel				Cap. Pounds	Load Height Ins.	Swivel Radius Ins.	Cone Spring Φ	Z0 Series	Z1 Series	App. Wgt. Pounds
Dia.	TW	Swivel	Rigid							
Ins.	Ins.	TYPE	Brg.					Catalog No.	Catalog No.	
4	1-1/4	Easy Roll Donut	Ball	68	5-7/8~6-1/6	4~4-1/8	1/8	4-Z0-213D	4-Z1-213D	3
	1-1/4	Easy Roll Donut	Delrin	68	5-7/8~6-1/6	4~4-1/8	1/8	4-Z0-214D	4-Z1-214D	3
	1-1/4	Easy Roll Flat	Ball	68	5-7/8~6-1/6	4~4-1/8	1/8	4-Z0-213F	4-Z1-213F	3
	1-1/4	Easy Roll Flat	Delrin	68	5-7/8~6-1/6	4~4-1/8	1/8	4-Z0-214F	4-Z1-214F	3

ADJUSTABLE CASTERS

40, 42 Series
405, 425 Series

Zinc
Nickel

FEATURES:

- Finish-**
Bright zinc plating or Bright nickel plating.
- Swivel-**
Double ball bearing with hardened raceways for extra strength.
- Rigid-**
Welded with heavy duty gauge steel for extra strength.
- Dust Cover-**
Helps protect swivel bearings.
- Construction-** Heavy duty gauge steel formed for extra strength.
- Axle-** 3/8" dia. bolt with lock nut.
- Brake-** Both Top Lock Brake and Maxi Lock Brake are available.



4-40-5130-A1 Zinc
Adjustable Leg

Adjustable caster leg assemblies.
With Maxi Lock Brake.

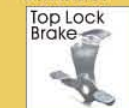


4-42-5130-H2 Zinc
Welded Leg

WHEELS:



BRAKES:



Swivel only

40 SERIES SWIVEL

Wheel				Cap. Pounds	Min. Overall Height Ins.	Swivel Radius Ins.	Adjustment Ins.	40 Series	App. Wgt. Pounds
Dia.	TW	TYPE	Brg.					Swivel	
Ins.	Ins.							Catalog No.	
3	1-1/4	Polyolefin	Plain	250	6	1-7/8	1/2	3-40-5130-A1	2-1/2
	1-1/4	Polyolefin	Plain	275	7	3-1/2	1/2	4-40-5130-A1	3-1/4
4	1-1/4	Polyolefin	Plain	275	8	3-1/2	1-1/2	4-40-5130-C1	3-1/4

42 SERIES RIGID

Wheel				Cap. Pounds	Overall Height Ins.	Welded Leg Ins.	42 Series	App. Wgt. Pounds
Dia.	TW	TYPE	Brg.				Rigid	
Ins.	Ins.						Catalog No.	
4	1-1/4	Polyolefin	Plain	275	10-11/16	6-1/8	4-42-5130-H2	2-1/2
	1-1/4	Polyolefin	Plain	275	10	5-7/16	4-42-5130-M2	2-1/2
	1-1/4	Polyolefin	Plain	275	8-11/16	6-7/16	4-42-5130-L2	2-1/2
	1-1/4	Polyolefin	Plain	275	6	1-7/16	4-42-5130-S2	2-1/2

STAINLESS STEEL CASTERS

40S, 41S, 42S Series

FEATURES:

- Material-** Stainless steel.
- Swivel-**
Double ball bearing with formed raceways for extra strength.
- Rigid-**
Pressed or welded with heavy duty gauge steel for extra strength.
- Dust Cover-**
Helps protect swivel bearings.
- Construction-**
Heavy duty gauge stainless steel formed for extra strength.
- Axle-** 3/8" dia. bolt with zerk and lock nut.
- King Pin-**
1/2" steel rivet hydraulically upset.
- Brake-** Both Top Lock Brake and Maxi Lock Brake are available for swivel.
- Grease seals and grease fittings standard.

Note: Many other plate sizes are available on request. Contact the distributor for more information.

WHEELS:



BRAKES:



5-40S-214D-2 Stainless

STANDARD TOP PLATE SIZES

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
2	2-3/8 × 3-5/8	1-3/4 × 3	5/16
3	3-1/8 × 4-1/8	2-3/8 × 3-7/16	5/16
4	3-1/2 × 3-1/2	2-5/8 × 2-5/8 slotted to 2-3/4 × 2-3/4	5/16
5	3-3/4 × 4-1/2	2-5/8 × 3-5/8 slotted to 3 × 3	3/8



5-41S-5130-2 Stainless

STANDARD TOP PLATE SIZE

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
2	2-3/8 × 3-5/8	1-3/4 × 3	5/16



5-42S-214D-5 Stainless

STANDARD TOP PLATE SIZES

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
2	2-3/8 × 3-5/8	1-3/4 × 3	5/16
3	3-1/8 × 4-1/8	2-3/8 × 3-7/16	5/16
4	3-1/2 × 3-1/2	2-5/8 × 2-5/8 slotted to 2-3/4 × 2-3/4	5/16
5	3-3/4 × 4-1/2	2-5/8 × 3-5/8 slotted to 3 × 3	3/8

Wheel				Cap. Pounds	Load Height Ins.	Swivel Radius Ins.	40S Series	41S Series	App. Wgt. Pounds
Dia.	TW	Swivel Plate	Pressed Rigid						
Ins.	Ins.	TYPE	Brg.				Catalog No.	Catalog No.	
1-1/4	Pro-U Grey	S.S. Ball	250	4-1/16	2-7/8	3-40S-21SP	3-41S-21SP	1-1/2	
1-1/4	Pro-U Grey	Delrin	250	4-1/16	2-7/8	3-40S-214P	3-41S-214P	1-1/2	
3	1-1/4	Easy Roll Donut	Delrin	175	4-1/16	2-7/8	3-40S-214D	3-41S-214D	1-1/2
1-1/4	Easy Roll Flat	Delrin	200	4-1/16	2-7/8	3-40S-214F	3-41S-214F	1-1/2	
1-1/4	Polyolefin	Plain	250	4-1/16	2-7/8	3-40S-5130	3-41S-5130	1-1/2	
1-1/4	Pro-U Grey	S.S. Ball	250	4-9/16	3-1/4	3-1/2-40S-21SP	3-1/2-41S-21SP	1-3/4	
1-1/4	Pro-U Grey	Delrin	250	4-9/16	3-1/4	3-1/2-40S-214P	3-1/2-41S-214P	1-3/4	
3-1/2	1-1/4	Easy Roll Donut	Delrin	225	4-9/16	3-1/4	3-1/2-40S-214D	3-1/2-41S-214D	1-3/4
1-1/4	Easy Roll Flat	Delrin	250	4-9/16	3-1/4	3-1/2-40S-214F	3-1/2-41S-214F	1-3/4	
1-1/4	Polyolefin	Plain	250	4-9/16	3-1/4	3-1/2-40S-5130	3-1/2-41S-5130	1-3/4	
1-1/4	Pro-U Grey	S.S. Ball	275	5-1/16	3-1/2	4-40S-21SP	4-41S-21SP	1-3/4	
1-1/4	Pro-U Grey	Delrin	275	5-1/16	3-1/2	4-40S-214P	4-41S-214P	1-3/4	
4	1-1/4	Easy Roll Donut	Delrin	250	5-1/16	3-1/2	4-40S-214D	4-41S-214D	1-3/4
1-1/4	Easy Roll Flat	Delrin	275	5-1/16	3-1/2	4-40S-214F	4-41S-214F	1-3/4	
1-1/4	Polyolefin	Plain	275	5-1/16	3-1/2	4-40S-5130	4-41S-5130	1-3/4	
1-1/4	Pro-U Grey	S.S. Ball	300	6-3/16	4	5-40S-21SP	5-41S-21SP	2	
1-1/4	Pro-U Grey	Delrin	300	6-3/16	4	5-40S-214P	5-41S-214P	2	
5	1-1/4	Easy Roll Donut	Delrin	250	6-3/16	4	5-40S-214D	5-41S-214D	2
1-1/4	Easy Roll Flat	Delrin	300	6-3/16	4	5-40S-214F	5-41S-214F	2	
1-1/4	Polyolefin	Plain	300	6-3/16	4	5-40S-5130	5-41S-5130	2	
1-1/4	Pro-U Grey	S.S. Ball	300	7-3/16	4-1/2	6-40S-21SP	6-41S-21SP	2-1/4	
1-1/4	Pro-U Grey	Delrin	300	7-3/16	4-1/2	6-40S-214P	6-41S-214P	2-1/4	
6	1-1/4	Easy Roll Donut	Delrin	300	7-3/16	4-1/2	6-40S-214D	6-41S-214D	2-1/4
1-1/4	Easy Roll Flat	Delrin	300	7-3/16	4-1/2	6-40S-214F	6-41S-214F	2-1/4	
1-1/4	Polyolefin	Plain	300	7-3/16	4-1/2	6-40S-5130	6-41S-5130	2-1/4	

Note:

- All metal parts are stainless steel.
- These casters lend themselves to use in applications such as food, dairy, meat packing plants, pharmaceutical houses and hospitals.
- Optional:** S.S. Precision ball wheel bearing is available.

STAINLESS STEEL CASTERS

44S, 46S Series

FEATURES:

- 1. Material-**
Stainless steel.
- 2. Swivel-**
Double ball bearing with formed raceways for extra strength.
- 3. Dust Cover-**
Helps protect swivel bearings.
- 4. Construction-**
Heavy duty gauge stainless steel formed for extra strength.
- 5. Axle-**
3/8" dia. bolt with lock nut.
- 6. Brake-**
Both Top Lock Brake and Maxi Lock Brake are available.
- 7. Grease seals and grease fittings standard.**

WHEELS:



BRAKES:



5-44S-214D-41 Stainless

Standard Stems

STANDARD SPRING RING STEM SIZES	
Round Stem Number	Dimensions
41	.845 × 2-3/16



5-46S-214D-22 Stainless
Standard Stems

Other stem sizes are available on special request.

STANDARD THREADED STEM SIZES	
Threaded Stem Number	Dimensions
22	1/2 - 13 × 1-1/2
23	1/2 - 13 × 2-3/4

Wheel		Cap. Pounds	Load Height Ins.	Swivel Radius Ins.	44S Series	46S Series	App. Wgt. Pounds		
Dia. Ins.	TW Ins.				Spring Ring Stem	Threaded Stem			
Ins.	Ins.	TYPE	Brg.	Pounds	Ins.	Ins.	Catalog No.	Catalog No.	Pounds
1-1/4	1-1/4	Pro-U Grey	S.S. Ball	250	4	2-7/8	3-44S-21SP	3-46S-21SP	1-1/4
1-1/4	1-1/4	Pro-U Grey	Delrin	250	4	2-7/8	3-44S-214P	3-46S-214P	1-1/4
3	1-1/4	Easy Roll Donut	Delrin	175	4	2-7/8	3-44S-214D	3-46S-214D	1-1/4
1-1/4	1-1/4	Easy Roll Flat	Delrin	200	4	2-7/8	3-44S-214F	3-46S-214F	1-1/4
1-1/4	1-1/4	Polyolefin	Plain	250	4	2-7/8	3-44S-5130	3-46S-5130	1-1/4
1-1/4	1-1/4	Pro-U Grey	S.S. Ball	250	4-1/2	3-1/4	3-1/2-44S-21SP	3-1/2-46S-21SP	1-1/2
1-1/4	1-1/4	Pro-U Grey	Delrin	250	4-1/2	3-1/4	3-1/2-44S-214P	3-1/2-46S-214P	1-1/2
3-1/2	1-1/4	Easy Roll Donut	Delrin	225	4-1/2	3-1/4	3-1/2-44S-214D	3-1/2-46S-214D	1-1/2
1-1/4	1-1/4	Easy Roll Flat	Delrin	250	4-1/2	3-1/4	3-1/2-44S-214F	3-1/2-46S-214F	1-1/2
1-1/4	1-1/4	Polyolefin	Plain	250	4-1/2	3-1/4	3-1/2-44S-5130	3-1/2-46S-5130	1-1/2
1-1/4	1-1/4	Pro-U Grey	S.S. Ball	275	5	3-1/2	4-44S-21SP	4-46S-21SP	1-1/2
1-1/4	1-1/4	Pro-U Grey	Delrin	275	5	3-1/2	4-44S-214P	4-46S-214P	1-1/2
4	1-1/4	Easy Roll Donut	Delrin	250	5	3-1/2	4-44S-214D	4-46S-214D	1-1/2
1-1/4	1-1/4	Easy Roll Flat	Delrin	275	5	3-1/2	4-44S-214F	4-46S-214F	1-1/2
1-1/4	1-1/4	Polyolefin	Plain	275	5	3-1/2	4-44S-5130	4-46S-5130	1-1/2
1-1/4	1-1/4	Pro-U Grey	S.S. Ball	300	6-1/16	4	5-44S-21SP	5-46S-21SP	1-3/4
1-1/4	1-1/4	Pro-U Grey	Delrin	300	6-1/16	4	5-44S-214P	5-46S-214P	1-3/4
5	1-1/4	Easy Roll Donut	Delrin	250	6-1/16	4	5-44S-214D	5-46S-214D	1-3/4
1-1/4	1-1/4	Easy Roll Flat	Delrin	300	6-1/16	4	5-44S-214F	5-46S-214F	1-3/4
1-1/4	1-1/4	Polyolefin	Plain	300	6-1/16	4	5-44S-5130	5-46S-5130	1-3/4
1-1/4	1-1/4	Pro-U Grey	S.S. Ball	300	7-1/16	4-1/2	6-44S-21SP	6-46S-21SP	2
1-1/4	1-1/4	Pro-U Grey	Delrin	300	7-1/16	4-1/2	6-44S-214P	6-46S-214P	2
6	1-1/4	Easy Roll Donut	Delrin	300	7-1/16	4-1/2	6-44S-214D	6-46S-214D	2
1-1/4	1-1/4	Easy Roll Flat	Delrin	300	7-1/16	4-1/2	6-44S-214F	6-46S-214F	2
1-1/4	1-1/4	Polyolefin	Plain	300	7-1/16	4-1/2	6-44S-5130	6-46S-5130	2

Note:

- All metal parts are stainless steel.
- These casters lend themselves to use in applications such as food, dairy, meat packing plants, pharmaceutical houses and hospitals.
- Optional:** S.S. Precision ball wheel bearing is available.

STAINLESS STEEL CASTERS

49S,50S Series

FEATURES:

- 1. Material-**
Stainless steel.
- 2. Swivel-**
Double ball bearing with formed raceways for extra strength.
- 3. Dust Cover-**
Helps protect swivel bearings.
- 4. Construction-**
Heavy duty gauge stainless steel formed for extra strength.
- 5. Axle-**
3/8" dia. bolt with zerk and lock nut.
- 6. Brake-**
Both Top Lock Brake and Maxi Lock Brake are available.
- 7. Applicator-**
Fits a wide range of tubing from 7/8" I.D. to 1-7/8" I.D., round or square. Please specify exact tubing I.D. or O.D. and gauge
- 8. Grease seals and grease fittings standard.**

WHEELS:



BRAKES:



5-49S-5130-50 Stainless

Supplied with hollow kingpin for mounting with 3/8" bolt and nut.



5-50S-214D-19 Stainless

EXPANDING RUBBER APPLICATOR SIZES

Applicator Number	Tubing ID (inches)	Size Range (inches)	Knurled Nut	Expanding Rubber	Plain Bushing	Base* Washer
11	7/8	0.852-0.927	1435-02*	1645-00	1432-00	1473-02
15	1-1/8	1.030-1.140	1436-02	1646-00	1433-00	1473-02
17	1-3/16	1.178-1.303	1441-02	1648-00	1430-00	1473-02
19C	1-3/8	1.360-1.425	1438-02*	1647-00	1436-00	1473-02
19A	1-1/2	1.426-1.589	1437-02*	1649-00	1434-00	1473-02
21	1-7/8	1.790-1.850	1422-02	1650-00	1440-00	1473-02

* Also available in stainless steel.

Dia.	Wheel			Cap.	Load Height	Swivel Radius	49S Series	50S Series	App. Wgt.
	TW	TYPE	Brg.				Stemless Stem	Applicator	
Ins.	Ins.			Pounds	Ins.	Ins.	Catalog No.	Catalog No.	Pounds
3	1-1/4	Pro-U Grey	S.S. Ball	250	4	2-7/8	3-49S-21SP	3-50S-21SP	1-1/2
	1-1/4	Pro-U Grey	Delrin	250	4	2-7/8	3-49S-214P	3-50S-214P	1-1/2
	1-1/4	Easy Roll Donut	Delrin	175	4	2-7/8	3-49S-214D	3-50S-214D	1-1/2
	1-1/4	Easy Roll Flat	Delrin	200	4	2-7/8	3-49S-214F	3-50S-214F	1-1/2
	1-1/4	Polyolefin	Plain	250	4	2-7/8	3-49S-5130	3-46S-5130	1-1/2
3-1/2	1-1/4	Pro-U Grey	S.S. Ball	250	4-1/2	3-1/4	3-1/2-49S-21SP	3-1/2-50S-21SP	1-9/16
	1-1/4	Pro-U Grey	Delrin	250	4-1/2	3-1/4	3-1/2-49S-214P	3-1/2-50S-214P	1-9/16
	1-1/4	Easy Roll Donut	Delrin	225	4-1/2	3-1/4	3-1/2-49S-214D	3-1/2-50S-214D	1-9/16
	1-1/4	Easy Roll Flat	Delrin	250	4-1/2	3-1/4	3-1/2-49S-214F	3-1/2-50S-214F	1-9/16
	1-1/4	Polyolefin	Plain	250	4-1/2	3-1/4	3-1/2-49S-5130	3-1/2-50S-5130	1-9/16
4	1-1/4	Pro-U Grey	S.S. Ball	275	5	3-1/2	4-49S-21SP	4-50S-21SP	1-5/8
	1-1/4	Pro-U Grey	Delrin	275	5	3-1/2	4-49S-214P	4-50S-214P	1-5/8
	1-1/4	Easy Roll Donut	Delrin	250	5	3-1/2	4-49S-214D	4-50S-214D	1-5/8
	1-1/4	Easy Roll Flat	Delrin	275	5	3-1/2	4-49S-214F	4-50S-214F	1-5/8
	1-1/4	Polyolefin	Plain	275	5	3-1/2	4-49S-5130	4-50S-5130	1-5/8
5	1-1/4	Pro-U Grey	S.S. Ball	300	6-1/16	4	5-49S-21SP	5-50S-21SP	1-7/8
	1-1/4	Pro-U Grey	Delrin	300	6-1/16	4	5-49S-214P	5-50S-214P	1-7/8
	1-1/4	Easy Roll Donut	Delrin	250	6-1/16	4	5-49S-214D	5-50S-214D	1-7/8
	1-1/4	Easy Roll Flat	Delrin	300	6-1/16	4	5-49S-214F	5-50S-214F	1-7/8
	1-1/4	Polyolefin	Plain	300	6-1/16	4	5-49S-5130	5-50S-5130	1-7/8
6	1-1/4	Pro-U Grey	S.S. Ball	300	7-1/16	4-1/2	6-49S-21SP	6-50S-21SP	2-1/8
	1-1/4	Pro-U Grey	Delrin	300	7-1/16	4-1/2	6-49S-214P	6-50S-214P	2-1/8
	1-1/4	Easy Roll Donut	Delrin	300	7-1/16	4-1/2	6-49S-214D	6-50S-214D	2-1/8
	1-1/4	Easy Roll Flat	Delrin	300	7-1/16	4-1/2	6-49S-214F	6-50S-214F	2-1/8
	1-1/4	Polyolefin	Plain	300	7-1/16	4-1/2	6-49S-5130	6-50S-5130	2-1/8

Note:

- All metal parts are stainless steel.
- These casters lend themselves to use in applications such as food, dairy, meat packing plants, pharmaceutical houses and hospitals.
- Optional:** S.S. Precision ball wheel bearing is available.

STAINLESS STEEL CASTERS

70S, 71S Series

FEATURES:

1. **Material-**
Stainless Steel.
2. **Swivel-**
Double ball bearing formed raceways for extra strength.
3. **Grease Seal-**
Helps retain lubricant for easier swiveling and longer bearing life.
4. **Rigid-**
Welded with heavy duty gauge stainless steel for extra strength.
5. **Riveted King Pin-** 5/8" dia.
6. **Construction-**
Formed from 1/4" thick stainless steel for extra strength.
7. **Grease Fittings-**
Provided in swivel raceway and wheel bearings.
8. **Axle-**
1/2" dia. bolt with zerk and lock nut.
9. **Brake + Lock-**
Top Lock Brake, Swivel Lock and Pro Lock available for swivel.
10. Fork leg spacing 2-1/2".

WHEELS:



BRAKES:



Note: Various swivel locks available.



6-70S-234F-1 Stainless

STANDARD TOP PLATE SIZES

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
1	4 × 4-1/2	2-5/8 × 3-5/8 slotted to 3 × 3	3/8



6-71S-234F-1 Stainless

STANDARD TOP PLATE SIZES

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
1	4 × 4-1/2	2-5/8 × 3-5/8 slotted to 3 × 3	3/8

Dia.	Wheel			Cap.	Load Height	Swivel Radius	70S Series	71S Series	App. Wgt.
	TW	TYPE	Brg.				Swivel Plate	Rigid Plate	
Ins.	Ins.			Pounds	Ins.	Ins.	Catalog No.	Catalog No.	Pounds
4	2	Pro-U Grey	Delrin	600	5-5/8	3-9/16	4-70S-234P	4-71S-234P	4
	2	Easy Roll Flat	Delrin	350	5-5/8	3-9/16	4-70S-234F	4-71S-234F	4
	2	Polyolefin	Roller	500	5-5/8	3-9/16	4-70S-5320	4-71S-5320	4
5	2	Pro-U Grey	Delrin	700	6-1/2	4-5/16	5-70S-234P	5-71S-234P	4
	2	Easy Roll Donut	Delrin	300	6-1/2	4-5/16	5-70S-234D	5-71S-234D	4
	2	Easy Roll Flat	Delrin	375	6-1/2	4-5/16	5-70S-234F	5-71S-234F	4
6	2	Polyolefin	Roller	650	6-1/2	4-5/16	5-70S-5320	5-71S-5320	4
	2	Pro-U Grey	Delrin	800	7-1/2	5-1/16	6-70S-234P	6-71S-234P	4-1/2
	2	Easy Roll Donut	Delrin	450	7-1/2	5-1/16	6-70S-234D	6-71S-234D	4-1/2
8	2	Easy Roll Flat	Delrin	600	7-1/2	5-1/16	6-70S-234F	6-71S-234F	4-1/2
	2	Polyolefin	Roller	700	7-1/2	5-1/16	6-70S-5320	6-71S-5320	4-1/2
	2	Pro-U Grey	Delrin	1000	9-1/2	6-1/2	8-70S-234P	8-71S-234P	5-1/2
8	2	Easy Roll Donut	Delrin	500	9-1/2	6-1/2	8-70S-234D	8-71S-234D	5-1/2
	2	Easy Roll Flat	Delrin	675	9-1/2	6-1/2	8-70S-234F	8-71S-234F	5-1/2
	2	Polyolefin	Roller	900	9-1/2	6-1/2	8-70S-5320	8-71S-5320	5-1/2

WHEEL TYPES Black color available



201G
TPR/PP-FLAT
Cap. 125~150 lbs.
3" to 5" dia.



211P
PRO-U GREY
Cap. 125~160 lbs.
3" to 5" dia.



213D
EASY ROLL DONUT
Cap. 175~300lbs.
3" to 6" dia.



220F
EASY ROLL FLAT
Cap. 350~675lbs.
4" to 8" dia.



220P
PRO-U GREY
Cap. 600~1000lbs.
4" to 8" dia.



301B
TPR/PP-FLAT
Cap. 125~150 lbs.
3" to 5" dia.



213F
EASY ROLL FLAT
Cap. 200~300lbs.
3" to 6" dia.



213P
PRO-U GREY
Cap. 250~350lbs.
3" to 6" dia.



21SP
PRO-U GREY
Cap. 250~300lbs.
3" to 6" dia.



214D
EASY ROLL-DONUT
Cap. 175~300 lbs.
3" to 6" dia.



354G
PNEUMATIC+
3 PIECE SCREWED HUB
Cap. 265~350 lbs.
6" to 10" dia.



35FG
FOAM FILLED+
3 PIECE SCREWED HUB
Cap. 350~550 lbs.
6" to 10" dia.



420R
PHENOLIC
Cap. 700~1000 lbs.
4" to 8" dia.



214F
EASY ROLL-FLAT
Cap. 200~300 lbs.
3" to 6" dia.



214P
PRO-U GREY
Cap. 250~300lbs.
3" to 6" dia.



220D
EASY ROLL DONUT
Cap. 300~500lbs.
5" to 8" dia.



234P
PRO-U GREY
Cap. 600~1000lbs.
4" to 8" dia.



421R
PHENOLIC
Cap. 700~1000 lbs.
4" to 8" dia.



5110
POLYOLEFIN
Cap. 125~150 lbs.
3" to 5" dia.



5130
POLYOLEFIN
Cap. 250~300lbs.
3" to 6" dia.



5320
POLYOLEFIN
Cap. 500~900 lbs.
4" to 8" dia.

BEARINGS OR SPACERS THREAD GUARDS AND COMBO WASHERS

1. BEARINGS OR SPACERS:



DELRIN BEARING



PRECISION BALL BEARING



S.S. PRECISION BALL BEARING



NYLON FLANGE BEARING



STEEL SPACER



CHROME STEEL BUTT OUT BEARING FOR 2"



STAINLESS STEEL BUTT OUT BEARING FOR 2"



ROLLER BEARING FOR 2"



PRESSED FLANGE BALL BEARING



MACHINED FLANGE BALL BEARING

2. THREAD GUARDS AND COMBO WASHERS:



SMALL PLASTIC TREAD GUARD



FULL PLASTIC TREAD GUARD



SMALL CHROMED STEEL TREAD GUARD



FULL CHROMED STEEL TREAD GUARD-5" ONLY



COMBO FLANGE WASHER PLASTIC FOR 2"



COMBO FLANGE WASHER POWDERED METAL FOR 2"

TPR/PP WHEELS

Light Duty



**201G
GREY TREAD**
Temperature Range: -10°F~150°F
Hardness: 75±5 shore A



**301B
BLACK TREAD**
Temperature Range: -10°F~150°F
Hardness: 75±5 shore A

FEATURES:

These wheels are specially engineered to provide unsurpassed durability and reliability.

This premium wheel combines the durability of a hard core wheel with the quiet floor protection of a soft tread wheel.

They are made of a thermoplastic elastomer which is permanently bonded to a polypropylene core and will not mark floors.

Our wheel is resistant to most mild chemicals, acids and stems. This attractive wheel accommodates a large number of industries and a limitless number of applications.

Dia.	Wheel		Cap. Pounds	Bearing Bore Ins.	Hub Length Ins.	Catalog No.	App. Wgt. Pounds
	TW Ins.	Brg.					
3	1	Plain	125	5/16	1-1/4	3-201G	1/4
	1	Plain	125	5/16	1-1/4	3-301B	1/4
4	1	Plain	150	5/16	1-1/4	4-201G	1/4
	1	Plain	150	5/16	1-1/4	4-301B	1/4
5	1	Plain	150	5/16	1-1/4	5-201G	1/2
	1	Plain	150	5/16	1-1/4	5-301B	1/2

EASY ROLL WHEELS

Medium Duty

FEATURES:

Easy Roll wheels are thermoplastic elastomer treads bonded to polyolefin hubs. They provide a soft quiet cushion ride that protects floors and are resistant to most solvents and chemicals.

This wheel comes with a precision ball bearing with thread guards, or Delrin bearings.



213D

Temperature Range:

-40°F ~ 180°F

Hardness: 65±5 shore A

DONUT TREAD

Wheel			Cap. Pounds	Bearing Bore Ins.	Hub Length Ins.	Catalog No.	App. Wgt. Pounds
Dia. Ins.	TW Ins.	Brg.					
3	1-1/4	Ball	175	3/8	1-5/8	3-213D	1/4
	1-1/4	Delrin	175	1/2	1-1/2	3-214D	1/4
3-1/2	1-1/4	Ball	225	3/8	1-5/8	3-1/2-213D	1/2
	1-1/4	Delrin	225	1/2	1-1/2	3-1/2-214D	1/2
4	1-1/4	Ball	250	3/8	1-5/8	4-213D	1/2
	1-1/4	Delrin	250	1/2	1-1/2	4-214D	1/2
5	1-1/4	Ball	250	3/8	1-5/8	5-213D	3/4
	1-1/4	Delrin	250	1/2	1-1/2	5-214D	3/4
6	1-1/4	Ball	300	3/8	1-5/8	6-213D	3/4
	1-1/4	Delrin	300	1/2	1-1/2	6-214D	3/4

FLAT TREAD

Wheel			Cap. Pounds	Bearing Bore Ins.	Hub Length Ins.	Catalog No.	App. Wgt. Pounds
Dia. Ins.	TW Ins.	Brg.					
3	1-1/4	Ball	200	3/8	1-5/8	3-213F	1/2
	1-1/4	Delrin	200	1/2	1-1/2	3-214F	1/2
3-1/2	1-1/4	Ball	250	3/8	1-5/8	3-1/2-213F	1/2
	1-1/4	Delrin	250	1/2	1-1/2	3-1/2-214F	1/2
4	1-1/4	Ball	275	3/8	1-5/8	4-213F	3/4
	1-1/4	Delrin	275	1/2	1-1/2	4-214F	3/4
5	1-1/4	Ball	300	3/8	1-5/8	5-213F	3/4
	1-1/4	Delrin	300	1/2	1-1/2	5-214F	3/4
6	1-1/4	Ball	300	3/8	1-5/8	6-213F	1
	1-1/4	Delrin	300	1/2	1-1/2	6-214F	1

PRO-U WHEELS

Medium Duty



213P

Temperature Range:

-30°F ~ 180°F

Hardness: 95±5 shore A

FEATURES:

Pro-U wheels are polyurethane tread mechanically molded to a Polyolefin hub.

These are molded with a precision ball bearing and fitted with plastic thread guards.

Standard colors are dark gray tread with lighter gray hubs. Blue Pro-U tread available by request.

These are very attractive all purpose wheels that are very durable and can be used in almost all environments.

POLYURETHANE-GREY

Wheel			Cap. Pounds	Bearing Bore Ins.	Hub Length Ins.	Catalog No.	App. Wgt. Pounds
Dia. Ins.	TW Ins.	Brg.					
3	1	Delrin	125	5/16	1-1/4	3-211P	1/4
	1-1/4	Ball	250	1/2	1-5/8	3-213P	1/2
	1-1/4	Delrin	250	1/2	1-1/2	3-214P	1/2
3-1/2	1-1/4	Ball	250	3/8	1-5/8	3-1/2-213P	1/2
	1-1/4	Delrin	250	1/2	1-1/2	3-1/2-214P	1/2
4	1	Delrin	150	5/16	1-1/4	4-211P	1/2
	1-1/4	Ball	275	3/8	1-5/8	4-213P	1/2
	1-1/4	Delrin	275	1/2	1-1/2	4-214P	1/2
5	1	Delrin	160	5/16	1-1/4	5-211P	1/2
	1-1/4	Ball	300	3/8	1-5/8	5-213P	3/4
6	1-1/4	Delrin	300	1/2	1-1/2	5-214P	3/4
	1-1/4	Ball	300	3/8	1-5/8	6-213P	1
6	1-1/4	Delrin	300	1/2	1-1/2	6-214P	1

Note: S.S Precision Ball Bearing is available.

EASY ROLL WHEELS

Heavy Duty

FEATURES:

These wheels have all the same features of our heavy duty Easy Roll wheels with the added advantage of heavier load capacities. They come with either roller bearings with grease seals or Delrin bearings.

Standard colors are gray tread with lighter gray hubs and are produced in the donut style tread or flat tread.



220D
Temperature Range: -40°F ~ 180°F
Hardness: 65±5 shore A



220F
Temperature Range: -40°F ~ 180°F
Hardness: 65±5 shore A

DONUT TREAD

Dia.	Wheel		Cap.	Bearing Bore	Hub Length	Catalog No.	App. Wgt.
	Ins.	TW					
5	2	Roller	300	3/4	2-3/8	5-220D	1-1/4
	2	Delrin	300	3/4	2-3/8	5-234D	1
6	2	Roller	450	3/4	2-3/8	6-220D	1-1/2
	2	Delrin	450	3/4	2-3/8	6-234D	1-1/4
8	2	Roller	500	3/4	2-3/8	8-220D	2-1/4
	2	Delrin	500	3/4	2-3/8	8-234D	2

FLAT TREAD

Dia.	Wheel		Cap.	Bearing Bore	Hub Length	Catalog No.	App. Wgt.
	Ins.	TW					
4	2	Roller	350	3/4	2-3/8	4-220F	3/4
	2	Delrin	350	3/4	2-3/8	4-234F	1/2
5	1-1/2	Roller	350	3/4	2	5-250F	1
	2	Roller	375	3/4	2-3/8	5-220F	1-1/4
6	2	Delrin	375	3/4	2-3/8	5-234F	1
	1-1/2	Roller	375	3/4	2	6-250F	1-1/4
8	2	Roller	600	3/4	2-3/8	6-220F	1-1/2
	2	Delrin	600	3/4	2-3/8	6-234F	1-1/4
8	1-1/2	Roller	500	3/4	2	8-250F	2
	2	Roller	675	3/4	2-3/8	8-220F	2-1/4
	2	Delrin	675	3/4	2-3/8	8-234F	2

Note: Precision Ball Bearing available.

PRO-U WHEELS

Heavy Duty



220P
Temperature Range: -30°F ~ 180°F
Hardness: 95±5 shore A

FEATURES:

Pro-U wheels are polyurethane tread mechanically molded to a polyolefin hub.

The extra thick hub allows this wheel to be used in applications where load and shock are important.

These wheels come with sealed roller bearings for normal use or Delrin bearings for corrosive environments. Standard colors are dark gray tread with lighter gray hubs.

POLYURETHANE-GREY

Dia.	Wheel		Cap.	Bearing Bore	Hub Length	Catalog No.	App. Wgt.
	Ins.	TW					
4	2	Roller	600	3/4	2-3/8	4-220P	1
	2	Delrin	600	3/4	2-3/8	4-234P	3/4
5	1-1/2	Roller	500	3/4	2	5-250P	1-1/4
	2	Roller	700	3/4	2-3/8	5-220P	1-1/2
6	2	Delrin	700	3/4	2-3/8	5-234P	1-1/4
	1-1/2	Roller	600	3/4	2	6-250P	1-1/2
8	2	Roller	800	3/4	2-3/8	6-220P	1-3/4
	2	Delrin	800	3/4	2-3/8	6-234P	1-1/2
8	1-1/2	Roller	800	3/4	2	8-250P	2
	1-1/2	Delrin	800	1/2	2	8-454P	1-3/4
10	2	Roller	1000	3/4	2-3/8	8-220P	2-1/2
	2	Delrin	1000	3/4	2-3/8	8-234P	2-1/4
10	1-1/2	Ball	800	1/2	2	10-253P	2-3/4

Note: Precision Ball Bearing available.

PNEUMATIC/ FOAM FILLED WHEELS

FEATURES:
 Convenient and durable.
 Rugged and tough, they roll quietly with heavy loads over most surfaces even uneven ones.

Perfect for use with a variety of "small equipment" including hand trucks and other material handling apparatus.

Foam Filled Wheels
 Never have a flat tire again!
 These wheels are puncture proof!
 No air needed as they are filled with polyurethane foam.



254G PNEUMATIC WHEEL
 Temperature Range: -20°F ~ 160°F



25FG FOAM FILLED WHEEL
 Temperature Range: -20°F ~ 160°F

PNEUMATIC WHEEL

Wheel			Cap.	Bearing Bore	Hub Length	Catalog No.	Inflation Pressure
Dia.	TW	Brg.					
Ins.	Ins.		Pounds	Ins.	Ins.		PSI
6	2.00/2	Ball	265	1/2	2-3/8	6-254G	30
8	2.80/4	Ball	300	1/2	3-1/8	8-254G	50
10	4.10/4	Ball	350	1/2	3-7/8	10-354G	50

FOAM FILLED WHEEL

Wheel			Cap.	Bearing Bore	Hub Length	Catalog No.	App. Wgt.
Dia.	TW	Brg.					
Ins.	Ins.		Pounds	Ins.	Ins.		Pounds
6	2	Ball	350	1/2	2-3/8	6-25FG	2-1/4
8	2-1/2	Ball	450	1/2	3-1/8	8-25FG	4-1/4
10	3-1/2	Ball	550	1/2	3-7/8	10-35FG	7-1/2

PHENOLIC WHEELS

Heavy Duty



421R PHENOLIC
 Temperature Range: -4°F ~ 360°F



420R PHENOLIC
 Temperature Range: -4°F ~ 360°F

FEATURES:

These wheels are compression molded using phenolic resin.

They are a hard tread wheel and have a high load capacity. These wheels are resistant to most oils and chemicals.

They provide more protection to the floor than **Cast Iron wheels.**

They also have the advantage of rolling more smoothly while being quieter than steel wheels.

Wheel			Cap.	Bearing Bore	Hub Length	Bore Size Less Brg.	Catalog No.	App. Wgt.
Dia.	TW	Brg.						
Ins.	Ins.		Pounds	Ins.	Ins.	Ins.		Pounds
4	2	Roller	700	3/4	2-3/8	1-3/16	4-420R	1-1/2
	2	Plain	700	3/4	2-3/16	3/4	4-421R	1-1/2
5	2	Roller	900	3/4	2-3/8	1-3/16	5-420R	1-3/4
	2	Plain	900	3/4	2-3/16	3/4	5-421R	1-3/4
6	2	Roller	900	3/4	2-3/8	1-3/16	6-420R	2-1/2
	2	Plain	900	3/4	2-3/16	3/4	6-421R	2-1/2
8	2	Roller	1000	3/4	2-3/8	1-3/16	8-420R	4
	2	Plain	1000	3/4	2-3/16	3/4	8-421R	4

POLYOLEFIN WHEELS

Light, Medium Duty

FEATURES:

Made from thermoplastic, these wheels are durable and lightweight.

Polyolefin wheels are hard tread easy rolling.

Polyolefin wheels are made from a material that is able to resist most oils, solvents, and other chemicals. Roller bearings are also available in 2" wheels for heavier loads.



5110
Temperature: -20°F ~ 170°F
Hardness: 70±5 shore D

Wheel			Cap. Pounds	Bearing Bore Ins.	Hub Length Ins.	Catalog No.	App. Wgt. Pounds
Dia. Ins.	TW Ins.	Brg.					
3	1	Plain	125	5/16	1-1/4	3-5110	1/4
	1-1/4	Plain	250	1/2	1-1/2	3-5130	1/4
3-1/2	1-1/4	Plain	250	1/2	1-1/2	3-1/2-5130	1/2
4	1	Plain	150	5/16	1-1/4	4-5110	1/2
	1-1/4	Plain	275	1/2	1-1/2	4-5130	1/2
5	1	Plain	150	5/16	1-1/4	5-5110	1/2
	1-1/4	Plain	300	1/2	1-1/2	5-5130	3/4
6	1-1/4	Plain	300	1/2	1-1/2	6-5130	1

POLYOLEFIN WHEELS

Heavy Duty

FEATURES:

Made from thermoplastic, these wheels are durable and lightweight.



5320
Temperature: -20°F ~ 170°F
Hardness: 70±5 shore D

Wheel			Cap. Pounds	Bearing Bore Ins.	Hub Length Ins.	Catalog No.	App. Wgt. Pounds
Dia. Ins.	TW Ins.	Brg.					
3	1-13/16	Roller	450	3/4	1-15/16	3-5520	3/8
	1-1/2	Roller	375	3/4	1-5/8	4-5220	1/2
4	2	Plain	500	3/4	2-3/16	4-5300	3/4
	2	Roller	500	3/4	2-3/8	4-5320	3/4
5	1-1/2	Roller	400	3/4	1-5/8	5-5220	3/4
	2	Plain	650	3/4	2-3/16	5-5300	1-1/8
	2	Roller	650	3/4	2-3/8	5-5320	1-1/8
6	1-1/2	Roller	400	3/4	1-7/8	6-5220	1-1/8
	2	Plain	700	3/4	2-3/16	6-5300	1-1/4
	2	Roller	700	3/4	2-3/8	6-5320	1-1/4
8	1-1/2	Roller	550	3/4	2	8-5220	1-1/4
	2	Plain	900	3/4	2-3/16	8-5300	1-1/2
	2	Roller	900	3/4	2-3/8	8-5320	1-1/2

BRAKES & LOCKS

Safety is a critical issue facing all casters. Being able to stop your equipment when and where you need it, hold it in place. That is why brakes and locks are important components for casters. Vulcan offers a wide selection of this crucial component.



MAXI LOCK BRAKE
SERIES 40~50, 405~505,
40S~50S



TOP LOCK BRAKE
SERIES 23~37
SERIES 40~50, 405~505
40S~50S



SIDE BRAKE
SERIES 23~37



TOP LOCK BRAKE
SERIES 90,92



TOTAL/DIRECTO LOCK
SERIES 72~77
SERIES 72S~77S



TOTAL/DIRECTIONAL LOCK
SERIES T0-D0~T9-D9
SERIES T0S-D0S~T9S-D9S



TOP LOCK BRAKE
SERIES 60, 70S



SWIVEL LOCK
SERIES 60, 70S



PRO LOCK
SERIES 60, 70S

APPLICATORS



Rubber Expanding Applicators:
Used in round or square tubing for a tight fit. Rubber expands inside the tubing.

Pipe Plug Applicators:
These adaptors have a 1/2-13 threaded hole, so then can be used with a standard 37 or 46 series caster to adapt them for use with pipe fittings.

Made of heavy duty cold rolled steel with zinc plated finish. Please see chart below.



APPLICATORS



Rubber Expanding Applicators							
Applicator Number	Tubing ID (Inches)	Size Range (Inches)	Knurled Nut	Expanding Rubber	Plain Bushing	Parts in Applicator Kit	
						Base Washer	
						Series 37	Series 50*
11	7/8	0.862-0.927	1435-02*	1645-00	1432-00	1427-02	1473-02
15	1-1/8	1.030-1.140	1436-02	1646-00	1433-00	1427-02	1473-02
17	1-3/16	1.178-1.303	1441-02	1648-00	1430-00	1427-02	1473-02
19C	1-3/8	1.360-1.425	1438-02*	1647-00	1436-00	1427-02	1473-02
19A	1-1/2	1.426-1.589	1437-02*	1649-00	1434-00	1427-02	1473-02
21	1-7/8	1.790-1.850	1422-02	1650-00	1440-00	1427-02	1473-02

Note: * Also available in stainless steel.



Pipe Plug Applicators	
Applicator Number	Thread Size (NPT)
PIPEAPP-75	3/4"
PIPEAPP-10	1"
PIPEAPP-12	1-1/4"
PIPEAPP-1-14	1-14(straight thread)

GREASE SEAL & ZERK

FEATURES:
Grease Seals are recommended when it is important to keep out dirt and moisture. Grease seals help retain lubricant for easier swiveling and longer bearing life. They are made from materials that offer resistance to grease, oils, as well as various chemicals, and detergents.
ZERKS: These fittings help make maintenance and continued proper care of products easier. Making sure that the product has the correct lubrication is an essential part to making the product last longer for you!



ANGLED ZERK

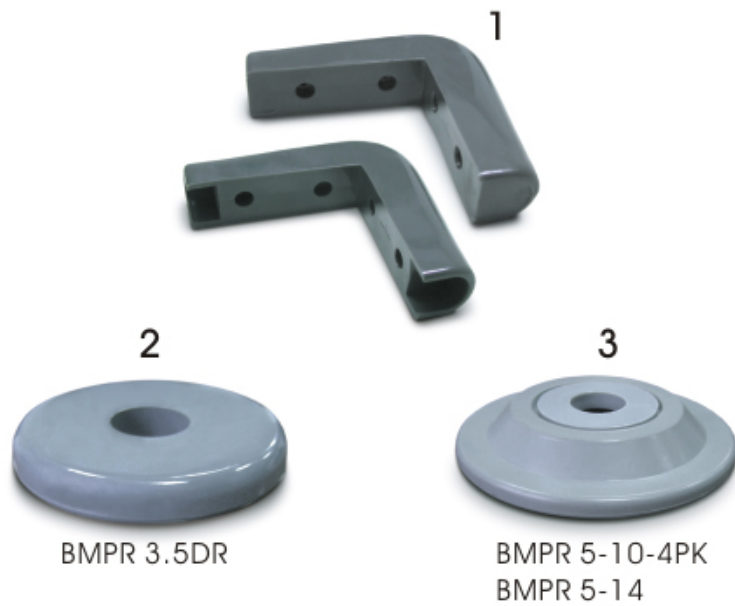
ZERK

SERIES 40-47
 Temperature Range:
 275°F intermittent use.

SERIES 70S
 Temperature Range:
 275°F intermittent use.

BUMPERS

FEATURES:
 1. **CORNER:** Corner bumper for mounting on flat surfaces. 7/8" thick x 1" high x 2-5/8" long from inside corner.
 2. **DONUT:** 3-1/2" diameter bumper fits 1" O.D. round and square tubing.
 3. **DISC:** 5" diameter rolling bumpers. Tapered grey PVC bonded to a zinc-plated insert with removable center bushings to fit diameters from 3/8" to 1-1/8".



BMPR 3.5DR

BMPR 5-10-4PK
 BMPR 5-14

SPECIAL TOP PLATE

FEATURES:
CORNER TOP PLATE:
 Suited for light duty casters.
 Finished in a zinc plating finish.



CORNER TOP PLATE

LEGS & FOOT INSERTS

Other sizes available on request.



F101M1
 ZINC DIE CAST
 ADJUSTABLE BULLET FOOT
 With Stainless Collar and Shell.

F101D1
 ZINC DIE CAST
 ADJUSTABLE BULLET FOOT
 Plain, no finish.

F101A1
 PLASTIC ADJUSTABLE
 Bullet foot.

F205D1
 GUSSET S.S
 1-5/8 No Flange

GUSSET S.S
 W set screw

F205C2
 GUSSET S.S
 W MTG Plate

F206C1
 LEG SOCKET STEEL

F322A1
 CROSS BRACE FITTING

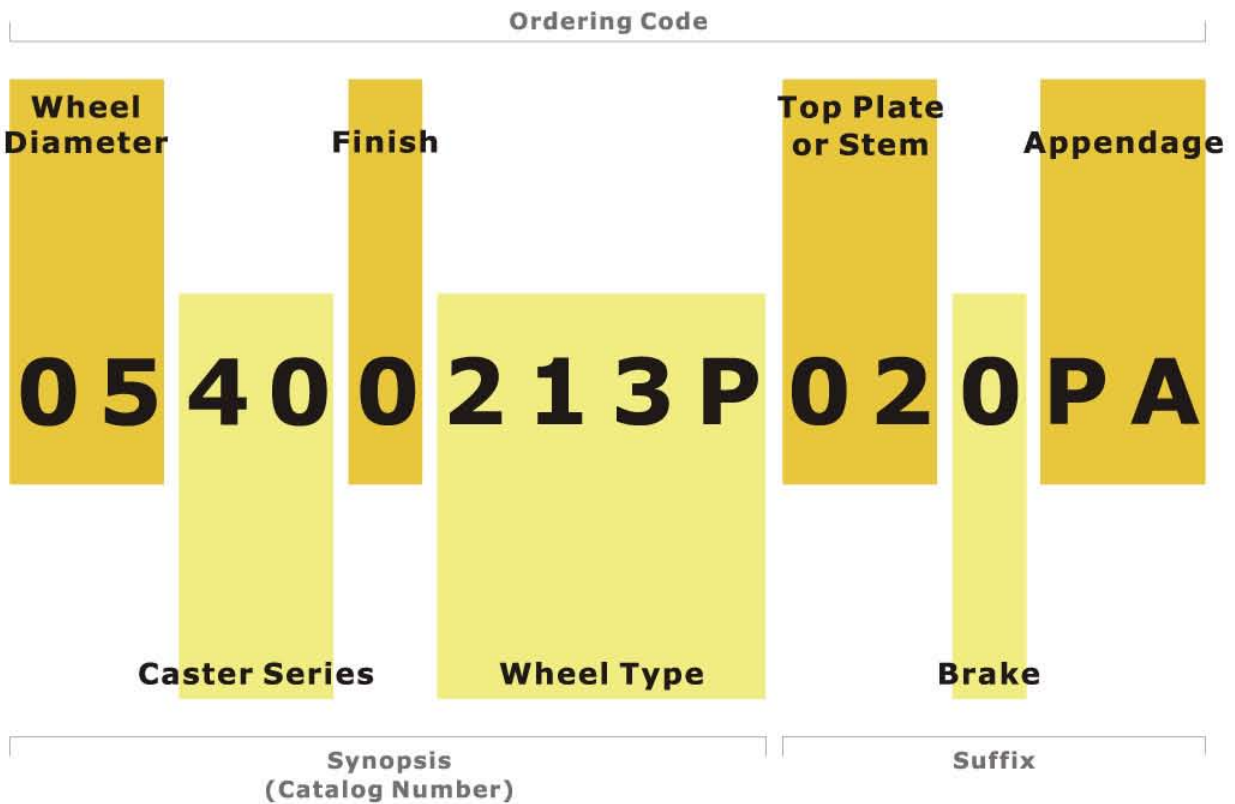
F322B1
 CROSS BRACE FITTING

F101G1
 FLANGED FOOT S.S

F308AA
 WELDED LEG
 With toe installed.

F321G1
 ADJUSTABLE PLASTIC LEG
 With Stainless Steel Toe.

ORDERING CODE



ORDERING CODE: 05400213P020PA
CATALOG NUMBER: 5-40-213P



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