



# 2003 SERIES

**275LBS**  
casterdepot.com



## FEATURES

**KINGPIN:** 9/16" diameter coined rivet  
**RACEWAY:** 1/4" diameter upper race; 1/4" diameter lower race; hardened steel load bearings  
**BUSHING:** Nylon, steel or ball bearing  
**AXLE&NUT:** 5/16" axle and lock nut  
**FINISH:** Corrosion resistant bright zinc finish

**SPECIAL:** Bolt hole allows for up to 5/8" diameter threaded stem with any special length and thread type. Double brake locks wheel & swivel in any direction. Swivel lock ONLY is also available. Many expandable stem sizes available.

**LEG SPACING:** 1 5/8"



### EXCELLENT FOR:

- Institutional furniture
- Hospital supply industry
- Food service equipment
- Food processing machinery
- Metal fabrications
- Schools
- Libraries
- Audio & visual aid equipment

### OPTIONS:

- DLB Double Locking Brake (swivel only)
- DLB1 DLB with Cast Aluminum Pedal (for high-temp applications)
- PWB Pedal Wheel Brake
- SWLB Swivel Locking Brake (swivel only)
- BB Ball Bearing (PROF, SR, SRG, U and UG)
- C Raceway Seal
- CD Cross Drilled holes
- EXP Expandable stems
- HO Bolt Hole (for threaded stems)
- TG Thread Guards
- Z Zerk Axle

### FINISHES:

- 2024 Black
- Inquiries on other finishes welcome

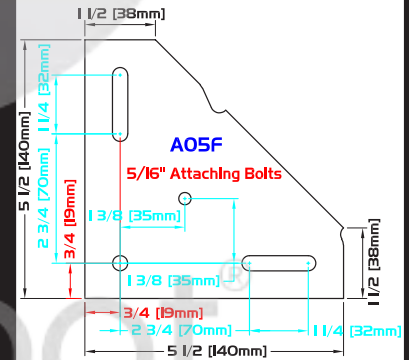
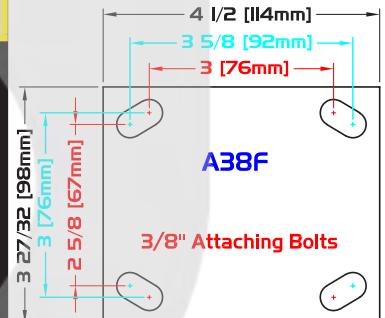
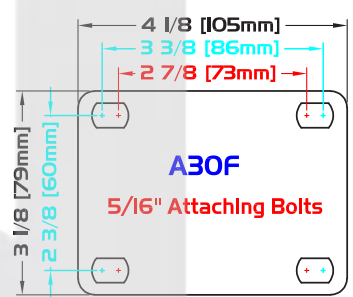
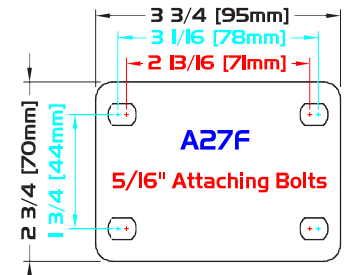
WHEEL		CASTER				PART NUMBER				
Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Caster Weight (lbs)	Rigid	Caster Weight (lbs)
3"	1 1/4"	200	Steel	2 3/4"	4 3/4"	High Temp Phenolic (475°)	S2033-***-HTPH	1.85	R2033-***-HTPH	1.55
		225	Nylon			ProTech™ Flat	S2033-***-PROF	1.61	R2033-***-PROF	1.31
		225	Ball			ProTech™ Flat - BB	S2033-***-PROF-BB	1.77	R2033-***-PROF-BB	1.47
		225	Ball			ProTech™ Flat Blue - BB	S2033-***-PROFB-BB	1.77	R2033-***-PROFB-BB	1.47
		250	Steel			Hard Rubber	S2033-***-HR	1.88	R2033-***-HR	1.58
		250	Steel			Hard Rubber Grey	S2033-***-HRG	1.91	R2033-***-HRG	1.61
		250	Plain			Polyolefin	S2033-***-PO	1.51	R2033-***-PO	1.21
		250	Steel			Soft Rubber	S2033-***-SR	1.80	R2033-***-SR	1.50
		250	Steel			Soft Rubber Grey	S2033-***-SRG	1.80	R2033-***-SRG	1.50
		275	Steel			Lava™	S2033-***-1 1/2LV	1.80	R2033-***-1 1/2LV	1.50
		275	Steel			Phenolic	S2033-***-PH	1.74	R2033-***-PH	1.44
		275	Steel			RollX™	S2033-***-1 1/2RX	1.80	R2033-***-1 1/2RX	1.50
		275	Steel			Solid Steel	S2033-***-SS	2.38	R2033-***-SS	2.08
		275	Nylon			Envirothane™	S2033-***-U	1.70	R2033-***-U	1.40
275	Nylon	Envirothane™ Grey	S2033-***-UG	1.70	R2033-***-UG	1.40				
4"	1 1/4"	250	Steel	3 3/16"	5 5/8"	Hard Rubber	S2043-***-HR	2.22	R2043-***-HR	2.07
		250	Steel			Hard Rubber Grey	S2043-***-HRG	2.28	R2043-***-HRG	2.13
		250	Steel			High Temp Phenolic (475°)	S2043-***-HTPH	2.29	R2043-***-HTPH	2.14
		250	Annular			Moldon Alum. Rubber	S2043-***-MAR-AB	2.16	R2043-***-MAR-AB	2.01
		250	Steel			Polyolefin	S2043-***-1 1/2PO	1.68	R2043-***-1 1/2PO	1.53
		250	Steel			Soft Rubber	S2043-***-SR	2.10	R2043-***-SR	1.95
		250	Steel			Soft Rubber Grey	S2043-***-SRG	2.10	R2043-***-SRG	1.95
		275	Steel			Lava™	S2043-***-1 1/2LV	2.12	R2043-***-1 1/2LV	1.97
		275	Steel			Phenolic	S2043-***-PH	2.08	R2043-***-PH	1.93
		275	Ball			Moldon Poly. Urethane	S2043-***-PLY-BB-TG	1.95	R2043-***-PLY-BB-TG	1.80
		275	Nylon			ProTech™ Flat	S2043-***-PROF	1.77	R2043-***-PROF	1.62
		275	Ball			ProTech™ Flat - BB	S2043-***-PROF-BB	1.94	R2043-***-PROF-BB	1.79
		275	Ball			ProTech™ Flat Blue - BB	S2043-***-PROFB-BB	1.94	R2043-***-PROFB-BB	1.79
		275	Steel			RollX™	S2043-***-1 1/2RX	2.12	R2043-***-1 1/2RX	1.97
275	Steel	Solid Steel	S2043-***-SS	3.32	R2043-***-SS	3.17				
275	Nylon	Envirothane™	S2043-***-U	1.89	R2043-***-U	1.74				
275	Nylon	Envirothane™ Grey	S2043-***-UG	1.89	R2043-***-UG	1.74				



## PLATE DIAGRAMS

STANDARD PLATE: A27F

F - Plate Thickness: 5/32"



### WHEEL

### CASTER

### PART NUMBER

Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Caster Weight (lbs)	Rigid	Caster Weight (lbs)
5"	1 1/4"	250	Steel	3 5/8"	6 9/16"	Hard Rubber	S2053-***-HR	2.79	R2053-***-HR	2.55
		250	Plain			Polyolefin	S2053-***-PO	1.86	R2053-***-PO	1.62
		250	Steel			Soft Rubber	S2053-***-SR	2.71	R2053-***-SR	2.47
		250	Steel			Soft Rubber Grey	S2053-***-SRG	2.71	R2053-***-SRG	2.47
		275	Steel			High Temp Phenolic (475°)	S2053-***-HTPH	2.95	R2053-***-HTPH	2.71
		275	Steel			Lava™	S2053-***-1 1/2LV	2.50	R2053-***-1 1/2LV	2.26
		275	Annular			Moldon Alum. Rubber	S2053-***-MAR-AB	2.49	R2053-***-MAR-AB	2.25
		275	Steel			Phenolic	S2053-***-PH	2.60	R2053-***-PH	2.36
		275	Ball			Moldon Poly. Urethane	S2053-***-PLY-BB-TG	2.21	R2053-***-PLY-BB-TG	1.97
		275	Nylon			ProTech™ Flat	S2053-***-PROF	1.97	R2053-***-PROF	1.73
		275	Ball			ProTech™ Flat - BB	S2053-***-PROF-BB	2.15	R2053-***-PROF-BB	1.91
		275	Ball			ProTech™ Flat Blue - BB	S2053-***-PROFB-BB	2.15	R2053-***-PROFB-BB	1.91
		275	Steel			RollX™	S2053-***-1 1/2RX	2.50	R2053-***-1 1/2RX	2.26
		275	Steel			Solid Steel	S2053-***-SS	3.60	R2053-***-SS	3.36
		275	Nylon			Envirothane™	S2053-***-U	2.22	R2053-***-U	1.98
		275	Nylon			Envirothane™ Grey	S2053-***-UG	2.22	R2053-***-UG	1.98

## STEMS

### SPECIAL THREADS

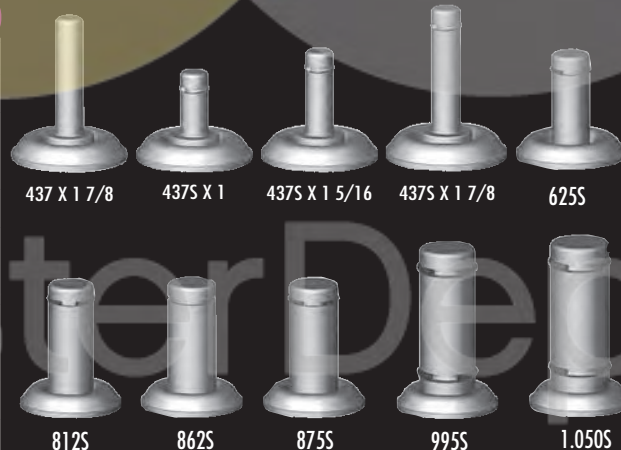
***	DIAMETER	LENGTH
3/8-***X length HO	3/8"	ANY
7/16-***X length HO	7/16"	ANY
1/2-***X length HO	1/2"	ANY
5/8-***X length HO	5/8"	ANY
3/4-***X length HO	3/4"	ANY



\* Caster weight based on Standard Plate

### ROUND STEMS

***	DIAMETER	LENGTH	TYPE
437X1 7/8	7/16"	1 7/8"	Plain
437SX1	7/16"	1"	Friction Ring
437SX1 5/16	7/16"	1 5/16"	Friction Ring
437SX1 7/8	7/16"	1 7/8"	Friction Ring
625S	5/8"	1 5/8"	Friction Ring
812S	13/16"	2"	Friction Ring
862S	.862"	2"	Friction Ring
875S	7/8"	2"	Friction Ring
995S	.995"	2 1/2"	Friction Ring
1.050S	1 3/64"	2 1/2"	Friction Ring



\* Tapped holes upon request.  
 \*\* Special CD hole locations upon request.  
 \*\*\* Friction rings not applied with cross drill



## STEMS

ROUND LENGTH:  
EXPANDABLE LENGTH:  
SQUARE LENGTH:

vary  
vary  
2"

SPECIAL THREADS LENGTH:  
SPECIAL LENGTH:  
BOLT HOLES:

vary  
vary  
vary



RD EXP Stem



SQ EXP Stem

### EXPANDABLE ROUND STEMS

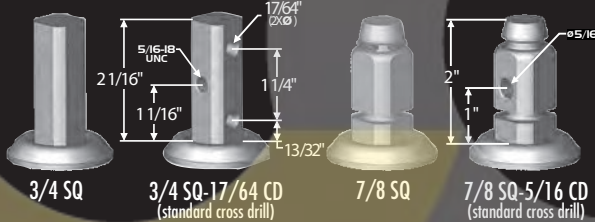
***	DIAMETER	LENGTH	TYPE
3/4RDEXP	3/4"	3 1/8"	Rubber
7/8RDEXP	7/8"	3 1/8"	Rubber
1RDEXP	1"	4 1/4"	Rubber
1 1/8RDEXP	1 1/8"	4 1/4"	Rubber
1 3/8RDEXP	1 3/8"	4 1/4"	Rubber
1 1/2RDEXP	1 1/2"	4 1/4"	Rubber

### EXPANDABLE SQUARE STEMS

***	DIAMETER	LENGTH	TYPE
3/4SQEXP	3/4"	3 1/8"	Rubber
7/8SQEXP	7/8"	3 1/8"	Rubber
1SQEXP	1"	4 1/4"	Rubber
1 1/8SQEXP	1 1/8"	4 1/4"	Rubber
1 3/8SQEXP	1 3/8"	4 1/4"	Rubber
1 1/2SQEXP	1 1/2"	4 1/4"	Rubber

### SQUARE STEMS

***	DIAMETER	LENGTH
3/4SQ	3/4"	2"
7/8SQ	7/8"	2"



\* Tapped holes upon request.  
\*\* Special CD hole locations upon request.  
\*\*\* Friction rings not applied with cross drill

### SPECIAL STEMS

***	DIAMETER	LENGTH
3/4NPT	1"	3/4"
EXP	1 1/2"	3 1/2"



3/4 NPT Stem



EXP Stem

### BOLT HOLES

#### BOLT HOLES

***	DIAMETER
3/8HOLE	3/8"
7/16HOLE	7/16"
1/2HOLE	1/2"
5/8HOLE	5/8"



Bolt Hole

\*Specialty diameter threaded stems and lengths available for bolt hole casters.

