



# 2309

## SERIES

**304 STAINLESS STEEL**

**450LBS**

### FEATURES

**KINGPIN:** 16mm diameter coined rivet  
**RACEWAY:** 5mm diameter upper race; 5mm diameter lower race; hardened stainless steel load bearings  
**BUSHING:** Nylon, delrin, steel or ball bearing  
**AXLE&NUT:** 3/8" keyed axle and lock nut  
**FINISH:** Corrosion resistant Stainless Steel Polished

**SPECIAL:** Complete stainless steel caster including DLB. Double brake locks wheel and swivel in any direction. 100% Moisture Friendly.  
**MATERIAL:** 304 Stainless steel  
**LEG SPACING:** 1 5/8"



### EXCELLENT FOR:

- Bacteria-free environments
- Hospitals
- Food service equipment
- Food processing machinery
- Pharmaceutical equipment

### OPTIONS:

- DLB Double Locking Brake (swivel only)
- SWLB Swivel Locking Brake (swivel only)
- BB Ball Bearing (SR, SRG, U and UG)
- BSSS Stainless Steel Ball Bearing
- C Raceway Seal (except with HTPH and LV wheels)
- CD Cross Drilled holes
- EXP Expandable stems
- HO Bolt Hole (for threaded stems)
- TG Thread Guards (not stainless steel)

### SPECIAL:

Moisture Friendly  
 All stems available in stainless steel upon request

### 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	Stainless	2 13/16"	4 3/16"	High Temp Phenolic (475°)	S2339-***-HTPH	1.44	R2339-***-HTPH	1.10				
		200	Nylon			Soft Rubber	S2339-***-SR	1.39	R2339-***-SR	1.05				
		225	Nylon			ProTech™ Flat	S2339-***-PROF	1.17	R2339-***-PROF	0.83				
		225	Precision			ProTech™ Flat - PB - TG	S2339-***-PROF-PB-TG	1.21	R2339-***-PROF-PB-TG	0.87				
		225	Precision			ProTech™ Flat Blue - PB - TG	S2339-***-PROFB-PB-TG	1.21	R2339-***-PROFB-PB-TG	0.87				
		250	Nylon			Hard Rubber	S2339-***-HR	1.39	R2339-***-HR	1.05				
		250	Steel			Hard Rubber Grey	S2339-***-HRG	1.50	R2339-***-HRG	1.16				
		250	Nylon			Soft Rubber Grey	S2339-***-SRG	1.42	R2339-***-SRG	1.08				
		300	Precision			Moldon Poly. Urethane	S2339-***-PLY-PB-TG	1.23	R2339-***-PLY-PB-TG	0.89				
		300	Plain			Polyolefin	S2339-***-PO	1.07	R2339-***-PO	0.73				
		300	Stainless			Retort	S2339-***-RET	1.22	R2339-***-RET	0.88				
		350	Stainless			Lava™	S2339-***-LV	1.25	R2339-***-LV	0.91				
		350	Nylon			Envirothane™	S2339-***-U	1.25	R2339-***-U	0.91				
		350	Nylon			Envirothane™ Grey	S2339-***-UG	1.25	R2339-***-UG	0.91				
		400	Stainless			Phenolic	S2339-***-PH	1.33	R2339-***-PH	0.99				
		450	Stainless			RollX™	S2339-***-RX	1.25	R2339-***-RX	0.91				
		4"	1 1/4"			250	Steel	3 5/16"	5 3/16"	Hard Rubber	S2349-***-HR	1.91	R2349-***-HR	1.52
						250	Steel			Hard Rubber Grey	S2349-***-HRG	1.91	R2349-***-HRG	1.52
250	Stainless			High Temp Phenolic (475°)	S2349-***-HTPH	1.92	R2349-***-HTPH			1.58				
250	Annular			Moldon Alum. Rubber	S2349-***-MAR-AB	1.74	R2349-***-MAR-AB			1.40				
250	Nylon			Soft Rubber	S2349-***-SR	1.71	R2349-***-SR			1.37				
250	Nylon			Soft Rubber Grey	S2349-***-SRG	1.71	R2349-***-SRG			1.37				
275	Nylon			ProTech™ Flat	S2349-***-PROF	1.36	R2349-***-PROF			1.02				
275	Precision			ProTech™ Flat - PB - TG	S2349-***-PROF-PB-TG	1.43	R2349-***-PROF-PB-TG			1.09				
275	Precision			ProTech™ Flat Blue - PB - TG	S2349-***-PROFB-PB-TG	1.43	R2349-***-PROFB-PB-TG			1.09				
300	Precision			Moldon Poly. Urethane	S2349-***-PLY-PB-TG	1.48	R2349-***-PLY-PB-TG			1.14				
300	Plain			Polyolefin	S2349-***-1 1/2PO	1.26	R2349-***-1 1/2PO			0.92				
300	Steel			Solid Steel	S2349-***-SS	2.93	R2349-***-SS			2.59				
350	Stainless			Lava™	S2349-***-LV	1.46	R2349-***-LV			1.12				
350	Stainless			Retort	S2349-***-RET	1.41	R2349-***-RET			1.07				
350	Nylon			Envirothane™	S2349-***-U	1.48	R2349-***-U			1.14				
350	Nylon			Envirothane™ Grey	S2349-***-UG	1.48	R2349-***-UG			1.11				
400	Stainless			Phenolic	S2349-***-PH	1.72	R2349-***-PH			1.38				
450	Stainless			RollX™	S2349-***-RX	1.46	R2349-***-RX			1.12				

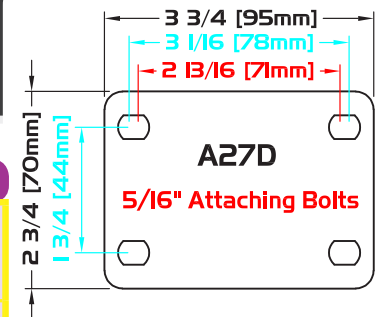
\* Caster weight based on Standard Plate  
 \* See stem options for overall height (OH) differences



STANDARD PLATE: A27D

D - Plate Thickness: 3/32"

### PLATE DIAGRAMS



### 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	Nylon	3 13/16"	6 1/4"	Soft Rubber	S2359-***-SR	2.31	R2359-***-SR	1.99
		250	Nylon			Soft Rubber Grey	S2359-***-SRG	2.27	R2359-***-SRG	1.95
		275	Annular			Moldon Alum. Rubber	S2359-***-MAR-AB	2.05	R2359-***-MAR-AB	1.73
		275	Nylon			ProTech™ Flat	S2359-***-PROF	1.54	R2359-***-PROF	1.22
		275	Precision			ProTech™ Flat - PB - TG	S2359-***-PROF-PB-TG	1.68	R2359-***-PROF-PB-TG	1.36
		275	Precision			ProTech™ Flat Blue - PB - TG	S2359-***-PROFB-PB-TG	1.68	R2359-***-PROFB-PB-TG	1.36
		300	Stainless			High Temp Phenolic (475°)	S2359-***-HTPH	2.56	R2359-***-HTPH	2.24
		300	Precision			Moldon Poly. Urethane	S2359-***-PLY-PB-TG	1.81	R2359-***-PLY-PB-TG	1.49
		300	Plain			Polyolefin	S2359-***-PO	1.43	R2359-***-PO	1.11
		350	Steel			Solid Steel	S2359-***-SS	3.19	R2359-***-SS	2.87
		350	Nylon			Envirothane™	S2359-***-U	1.79	R2359-***-U	1.47
		350	Nylon			Envirothane™ Grey	S2359-***-UG	1.79	R2359-***-UG	1.47
		400	Stainless			Phenolic	S2359-***-PH	2.21	R2359-***-PH	1.89
		400	Stainless			Retort	S2359-***-RET	1.62	R2359-***-RET	1.30
		450	Stainless			Lava™	S2359-***-LV	1.70	R2359-***-LV	1.38
		450	Stainless			RollX™	S2359-***-RX	1.70	R2359-***-RX	1.38



\* Caster weight based on Standard Plate  
\* See stem options for overall height (OH) differences

### STEMS

-.0625" [1.59mm] To Std OH

#### 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



RD EXP Stem

-.0625" [1.59mm] To Std OH

#### 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



Special Thread

(All Stems are NOT stainless unless otherwise specified)

\* Stainless Steel Stems available upon request.



-.0625" [1.59mm] To Std OH

#### 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 1/4SQEXP	1 1/4"	4 1/4"	Rubber
1 3/8SQEXP	1 3/8"	4 1/4"	Rubber
1 1/2SQEXP	1 1/2"	4 1/4"	Rubber



SQ EXP Stem

### BOLT HOLES

#### BOLT HOLES -.0625" [1.59mm] To Std OH

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



Bolt Hole

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

