

1900 SERIES

325LBS



FEATURES

KINGPIN: 7/16" diameter coined rivet
RACEWAY: 7/32" diameter upper race; 7/32" diameter lower race; hardened steel load bearings
BUSHING: Nylon, steel, ball bearing, or precision bearing

AXLE&NUT: 5/16" axle and lock nut; 3/8" for S1923
FINISH: Corrosion resistant bright zinc finish
HARDENED: Yoke and washers
LEG SPACING: 1 7/16" (standard); 1 5/8" (all with PWB, some with BB, PB)

EXCELLENT FOR:

- Institutional furniture
- Hospital supply industry
- Food service equipment
- Textile
- Dollies
- Store fixtures
- Bakery Equipment†



OPTIONS:

- TLB Top Locking Brake
- SLB Side Locking Brake
- PWB Pedal Wheel Brake (swivel only)
- AR Riveted Axle
- BB Ball Bearing (SR, SRG, U and UG)
- C Raceway Seal
- CD Cross Drilled holes
- DC Dust Cap for raceway
- EXP Expandable stems
- HO Bolt Hole (for threaded stems)
- PB Precision Ball Bearing (3", 4", & 5" PROF & PLY wheels)
- RB Roller Bearing (for 1 1/2" tread wheels)
- TG Thread Guards
- Z Zerk Axle

FINISHES:

- 19?4F Black Flat
 - 19?4G Black Gloss
 - 19?4I Black Ionic
 - 19?2 Chrome
 - 19?5 Yellow Chromate
- Inquiries on other finishes welcome

SPECIAL:

- Most stems available for swivel and rigid casters
- Rigid TLB brake available
- Expandable stems available
- Hard Rubber, Soft Rubber and Urethane
- Wheels available in Grey

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)
2" Dual Wheel	7/8"	150	Plain	2 3/8"	3 3/16"	ProTech™ Flat	S1923-***-PROFX2	0.86	Not Available	
		250	Plain			Polyolefin	S1923-***-POX2	0.85		
		250	Nylon			Envirothane™	S1923-***-UX2	1.02		
		250	Nylon			Envirothane™ Grey	S1923-***-UGX2	1.02		
3"	1 1/4"	200	Steel	2 5/8"	4 1/8"	High Temp Phenolic (475°)	S1933-***-HTPH	1.55	R1933-***-HTPH	1.10
		225	Nylon			ProTech™ Flat	S1933-***-PROF	1.29	R1933-***-PROF	0.84
		225	Precision			ProTech™ Flat - PB - TG	S1933-***-PROF-PB-TG	1.36	R1933-***-PROF-PB-TG	0.91
		225	Precision			ProTech™ Flat Blue - PB - TG	S1933-***-PROF-PB-TG	1.36	R1933-***-PROF-PB-TG	0.91
		250	Steel			Soft Rubber	S1933-***-SR	1.49	R1933-***-SR	1.04
		250	Steel			Soft Rubber Grey	S1933-***-SRG	1.49	R1933-***-SRG	1.04
		275	Steel			Hard Rubber	S1933-***-HR	1.57	R1933-***-HR	1.12
		275	Steel			Hard Rubber Grey	S1933-***-HRG	1.61	R1933-***-HRG	1.16
		300	Precision			Moldon Poly. Urethane	S1933-***-PLY-PB-TG	1.38	R1933-***-PLY-PB-TG	0.93
		300	Plain			Polyolefin	S1933-***-PO	1.20	R1933-***-PO	0.76
		300	Steel			Solid Steel	S1933-***-SS	2.07	R1933-***-SS	1.62
		300	Steel			V Groove	S1933-***-VG	2.37	R1933-***-VG	1.92
		325	Steel			Lava™ (475°)	S1933-***-LV	1.54	R1933-***-LV	1.09
		325	Steel			Phenolic	S1933-***-PH	1.44	R1933-***-PH	0.99
		325	Nylon			Retort	S1933-***-RET	1.35	R1933-***-RET	0.90
		325	Steel			RollX™	S1933-***-RX	1.54	R1933-***-RX	1.09
		325	Nylon			Envirothane™	S1933-***-U	1.38	R1933-***-U	0.93
325	Nylon	Envirothane™ Grey	S1933-***-UG	1.38	R1933-***-UG	0.93				
4"	1 1/4"	250	Steel	3 1/8"	5 1/8"	High Temp Phenolic (475°)	S1943-***-HTPH	2.00	R1943-***-HTPH	1.61
		250	Annular			Moldon Alum. Rubber	S1943-***-MAR-AB	1.86	R1943-***-MAR-AB	1.47
		250	Steel			Soft Rubber	S1943-***-SR	1.80	R1943-***-SR	1.41
		250	Steel			Soft Rubber Grey	S1943-***-SRG	1.80	R1943-***-SRG	1.41
		275	Nylon			ProTech™ Flat	S1943-***-PROF	1.47	R1943-***-PROF	1.07
		275	Precision			ProTech™ Flat - PB - TG	S1943-***-PROF-PB-TG	1.56	R1943-***-PROF-PB-TG	1.17
		275	Precision			ProTech™ Flat Blue - PB - TG	S1943-***-PROF-PB-TG	1.56	R1943-***-PROF-PB-TG	1.17
		300	Precision			Moldon Poly. Urethane	S1943-***-PLY-PB-TG	1.65	R1943-***-PLY-PB-TG	1.26
		300	Steel			Solid Steel	S1943-***-SS	3.02	R1943-***-SS	2.63
		325	Steel			Hard Rubber	S1943-***-HR	1.92	R1943-***-HR	1.53
		325	Steel			Hard Rubber Grey	S1943-***-HRG	2.00	R1943-***-HRG	1.60
		325	Steel			Lava™ (475°)	S1943-***-LV	1.83	R1943-***-LV	1.43
		325	Steel			Phenolic	S1943-***-PH	1.79	R1943-***-PH	1.40
		325	Nylon			Retort	S1943-***-RET	1.52	R1943-***-RET	1.13
		325	Steel			RollX™	S1943-***-RX	1.83	R1943-***-RX	1.43
		325	Nylon			Envirothane™	S1943-***-U	1.59	R1943-***-U	1.20
		325	Nylon			Envirothane™ Grey	S1943-***-UG	1.59	R1943-***-UG	1.20
	1 1/2"	325	Steel	3 1/8"	5 1/8"	Polyolefin	S1943-***-1 1/2PO	1.38	R1943-***-1 1/2PO	1.00

* Caster weight based on Standard Plate

* See stem options for overall height (OH) differences

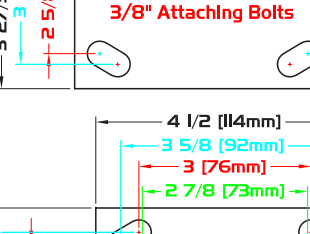
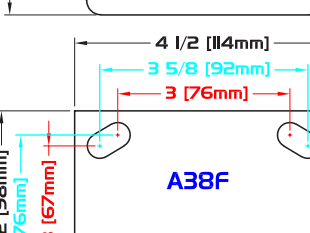
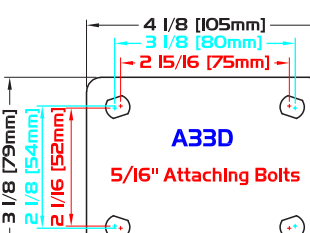
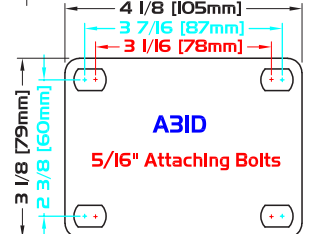
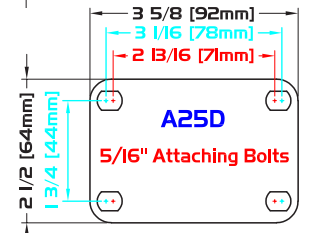
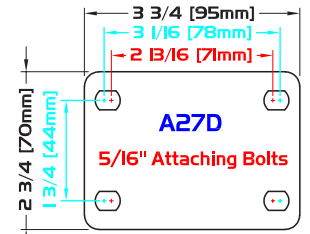


COMPONENT

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	Steel	3 3/4"	6 1/8"	Soft Rubber	S1953-***-SR	2.43	R1953-***-SR	1.96
		250	Steel			Soft Rubber Grey	S1953-***-SRG	2.43	R1953-***-SRG	1.96
		275	Annular			Moldon Alum. Rubber	S1953-***-MAR-AB	2.21	R1953-***-MAR-AB	1.74
		275	Nylon			ProTech™ Flat	S1953-***-PROF	1.68	R1953-***-PROF	1.21
		275	Precision			ProTech™ Flat - PB - TG	S1953-***-PROF-PB-TG	1.80	R1953-***-PROF-PB-TG	1.33
		275	Precision			ProTech™ Flat Blue - PB - TG	S1953-***-PROFB-PB-TG	1.80	R1953-***-PROFB-PB-TG	1.33
		300	Steel			High Temp Phenolic (475°)	S1953-***-HTPH	2.68	R1953-***-HTPH	2.21
		300	Precision			Moldon Poly. Urethane	S1953-***-PLY-PB-TG	1.93	R1953-***-PLY-PB-TG	1.46
		325	Steel			Hard Rubber	S1953-***-HR	2.51	R1953-***-HR	2.04
		325	Steel			Lava™ (475°)	S1953-***-LV	2.19	R1953-***-LV	1.72
		325	Steel			Phenolic	S1953-***-PH	2.33	R1953-***-PH	1.86
		325	Plain			Polyolefin	S1953-***-PO	1.58	R1953-***-PO	1.11
		325	Nylon			Retort	S1953-***-RET	1.79	R1953-***-RET	1.30
		325	Steel			RollX™	S1953-***-RX	2.19	R1953-***-RX	1.72
		325	Steel			Solid Steel	S1953-***-SS	3.32	R1953-***-SS	2.85
		325	Nylon			Envirothane™	S1953-***-U	1.96	R1953-***-U	1.49
		325	Nylon			Envirothane™ Grey	S1953-***-UG	1.96	R1953-***-UG	1.49

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

STEMS

THREADED STEMS HEX WASHER $-.3125"$ [7.94mm] To Std OH

***	DIAMETER	LENGTH	TYPE
3/8-16X1HW *	3/8"	1"	NC
1/2-13X1HW	1/2"	1"	NC
1/2-13X1 1/2HW	1/2"	1 1/2"	NC
1/2-13X2 1/4HW	1/2"	2 1/4"	NC

* Weight capacity of caster is 125lbs

THREADED STEMS HEX NUT $+.0"$ [0mm] To Std OH

***	DIAMETER	LENGTH	TYPE
1/2-13X1HN	1/2"	1"	NC
1/2-13X1 7/8HN	1/2"	1 7/8"	NC
1/2-13X3 1/2HN	1/2"	3 1/2"	NC



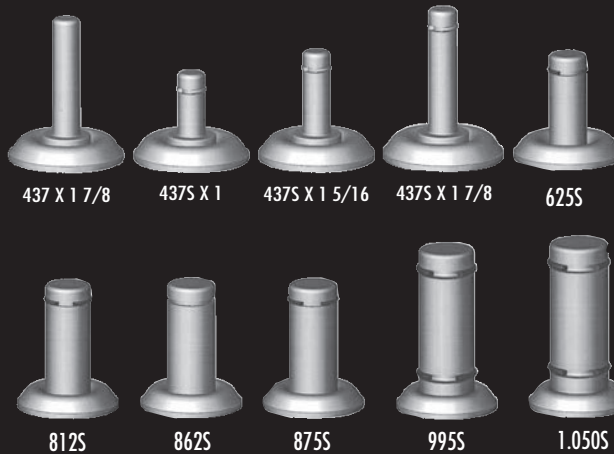
Threaded Stem HW



Threaded Stem HN

ROUND STEMS $-.3125"$ [7.94mm] To Std OH

***	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

HW AND HN THREADED LENGTH: vary
 ROUND LENGTH: vary
 EXPANDABLE LENGTH: vary

SQUARE LENGTH: 2"
 SPECIAL THREADS LENGTH: vary
 SPECIAL LENGTH: vary



RD EXP Stem
 -.3125" [7.94mm] To Std OH



SQ EXP Stem
 -.3125" [7.94mm] To Std OH

EXPANDABLE ROUND STEMS

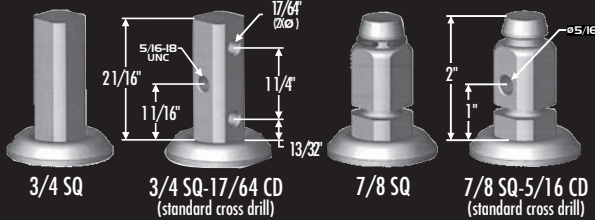
***	DIAMETER	LENGTH	TYPE
3/4RDEXP	3/4"	3 1/8"	Rubber
7/8RDEXP	7/8"	3 1/8"	Rubber
1RDEXP	1"	4 1/4"	Rubber
1 1/8RDEXP	1 1/8"	4 1/4"	Rubber
1 3/8RDEXP	1 3/8"	4 1/4"	Rubber
1 1/2RDEXP	1 1/2"	4 1/4"	Rubber

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

SQUARE STEMS -.3125" [7.94mm] To Std OH

***	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 THREADS -.3125" [7.94mm] To Std OH

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



SPECIAL STEMS -.3125" [7.94mm] To Std OH

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



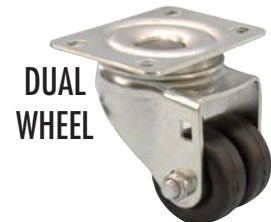
BOLT HOLES

BOLT HOLES -.3125" [7.94mm] To Std OH

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



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



DUAL WHEEL