1900 SERIES

325 LBS

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)

HARD RUBBER

HARD RUBBER GREY

LAVA™

MOLDON ALUM. RUBBER

PHENOLIC

MOLDON POLY. URETHANE (PLY)

PROTECH™ FLAT

PROTECH™ FLAT BLUE

PROTECH™ FLAT RED

POLYOLEFIN

RETORT

ROLLX™

SOFT RUBBER

SOFT RUBBER GREY

SOLID STEEL

ENVIROTHANE™

ENVIROTHANE™ GREY

V GROOVE

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

PROUDLY MADE IN NORTH AMERICA

NSF COMPONENT

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-***-PROFB-PB-TG	1.36	R1933-***-PROFB-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-***-PROFB-PB-TG	1.56	R1943-***-PROFB-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

STANDARD PLATE: **A27D** D - Plate Thickness: 3/32"

WHEEL CASTER

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 Stem HW

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

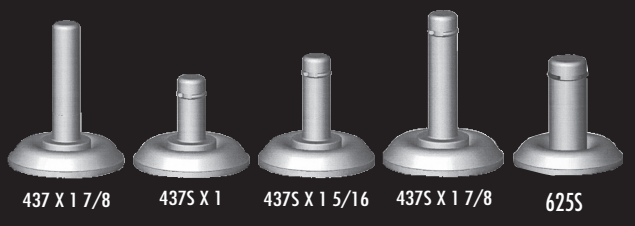
***	DIAMETER	LENGTH	TYPE
1/2-13X1HN	1/2"	1"	NC
1/2-13X1 7/8HN	1/2"	1 7/8"	NC
1/2-13X3 1/2HN	1/2"	3 1/2"	NC

Threaded Stem 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



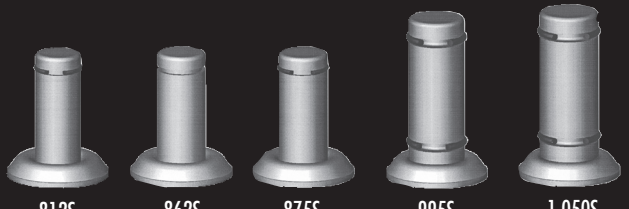
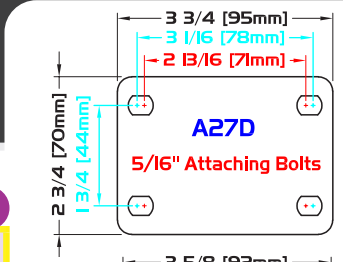
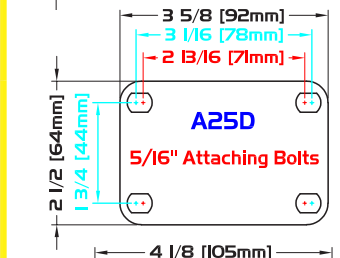
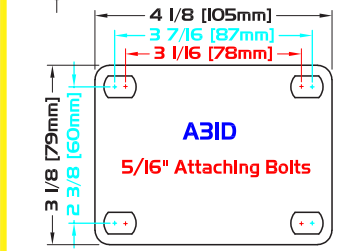
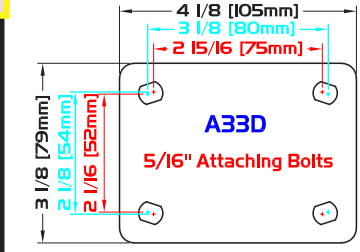


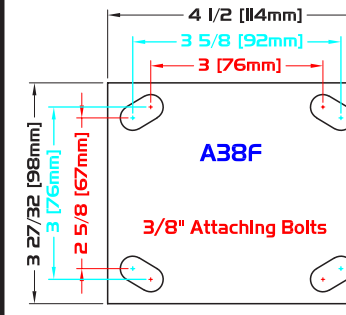
PLATE DIAGRAMS

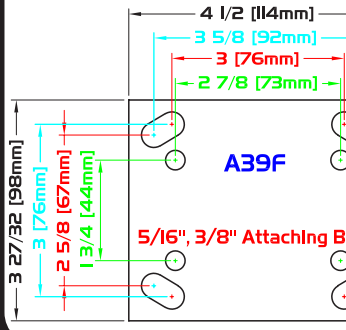












STEMS

HW AND HN THREADED LENGTH:	vary	SQUARE LENGTH:	2"
ROUND LENGTH:	vary	SPECIAL THREADS LENGTH:	vary
EXPANDABLE 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

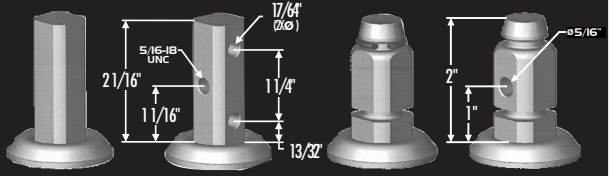
EXPANDABLE SQUARE STEMS

***	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



3/4 SQ | 3/4 SQ-17/64 CD (standard cross drill) | 7/8 SQ | 7/8 SQ-5/16 CD (standard cross drill)

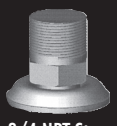
SPECIAL THREADS -.3125" [7.94mm] To Std OH

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

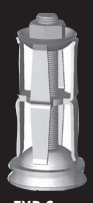
Special Thread

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

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



3/4 NPT Stem



EXP Stem

BOLT HOLES

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

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

Bolt Hole

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

DUAL WHEEL