

1900 SERIES

250 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 or ball 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)

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 (PLY, PROF, 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)
- RB Roller Bearing (for 1 1/2" tread wheels)
- TG Thread Guards
- Z Zerk Axle

FINISHES:

- 1922 Chrome
 - 1924 Black
 - 1925 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

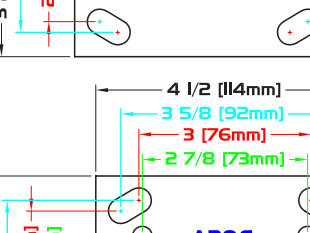
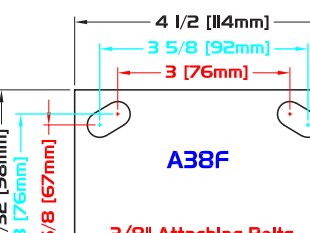
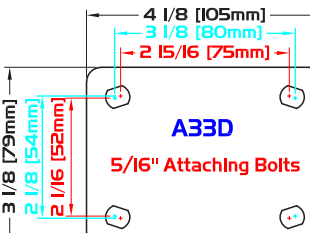
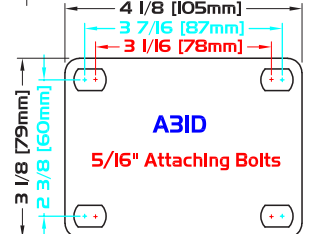
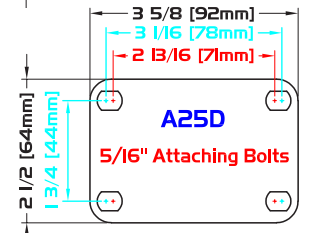
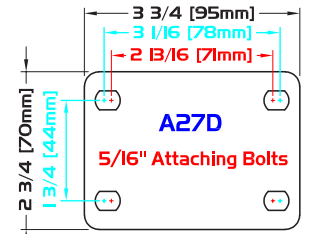
WHEEL		CASTER				PART NUMBER				
Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Caster Weight (lbs)	Rigid	Caster Weight (lbs)
2"	7/8"	150	Plain	2 5/16"	3 3/16"	ProTech™ Flat	S1923-***-PROFX2	0.86	Not Available	
		200	Plain			Polyolefin	S1923-***-POX2	0.85		
		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	Ball			ProTech™ Flat	S1933-***-PROF-BB	1.46	R1933-***-PROF-BB	1.01
		225	Ball			ProTech™ Flat Blue	S1933-***-PROFB-BB	1.46	R1933-***-PROFB-BB	1.01
		250	Steel			Hard Rubber	S1933-***-HR	1.57	R1933-***-HR	1.12
		250	Steel			Hard Rubber Grey	S1933-***-HRG	1.61	R1933-***-HRG	1.16
		250	Steel			Lava™	S1933-***-1 1/2LV	1.54	R1933-***-1 1/2LV	1.09
		250	Steel			Phenolic	S1933-***-PH	1.44	R1933-***-PH	0.99
		250	Plain			Polyolefin	S1933-***-PO	1.20	R1933-***-PO	0.76
		250	Steel			RollX™	S1933-***-1 1/2RX	1.54	R1933-***-1 1/2RX	1.09
		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
		250	Steel			Solid Steel	S1933-***-SS	2.07	R1933-***-SS	1.62
		250	Nylon			Envirothane™	S1933-***-U	1.38	R1933-***-U	0.93
250	Nylon	Envirothane™ Grey	S1933-***-UG	1.38	R1933-***-UG	0.93				
250	Steel	V Groove	S1933-***-VG	2.37	R1933-***-VG	1.92				
4"	1 1/4"	250	Steel	3 1/8"	5 1/8"	Hard Rubber	S1943-***-HR	1.92	R1943-***-HR	1.53
		250	Steel			Hard Rubber Grey	S1943-***-HRG	2.00	R1943-***-HRG	1.60
		250	Steel			High Temp Phenolic (475°)	S1943-***-HTPH	2.00	R1943-***-HTPH	1.61
		250	Steel			Lava™	S1943-***-1 1/2LV	1.83	R1943-***-1 1/2LV	1.43
		250	Annular			Moldon Alum. Rubber	S1943-***-MAR-AB	1.86	R1943-***-MAR-AB	1.47
		250	Steel			Phenolic	S1943-***-PH	1.79	R1943-***-PH	1.40
		250	Ball			Moldon Poly. Urethane	S1943-***-PLY-BB-TG	1.65	R1943-***-PLY-BB-TG	1.26
		250	Steel			Polyolefin	S1943-***-1 1/2PO	1.38	R1943-***-1 1/2PO	1.00
		250	Nylon			ProTech™ Flat	S1943-***-PROF	1.47	R1943-***-PROF	1.07
		250	Ball			ProTech™ Flat	S1943-***-PROF-BB	1.64	R1943-***-PROF-BB	1.25
		250	Ball			ProTech™ Flat Blue	S1943-***-PROFB-BB	1.64	R1943-***-PROFB-BB	1.25
		250	Steel			RollX™	S1943-***-1 1/2RX	1.83	R1943-***-1 1/2RX	1.43
		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
250	Steel	Solid Steel	S1943-***-SS	3.02	R1943-***-SS	2.63				
250	Nylon	Envirothane™	S1943-***-U	1.59	R1943-***-U	1.20				
250	Nylon	Envirothane™ Grey	S1943-***-UG	1.59	R1943-***-UG	1.20				

DUAL WHEEL



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 9/16"	6 1/8"	Hard Rubber	S1953-***-HR	2.51	R1953-***-HR	2.04	
		250	Steel			High Temp Phenolic (475°)	S1953-***-HTPH	2.68	R1953-***-HTPH	2.21	
		250	Steel			Lava™	S1953-***-1 1/2LV	2.19	R1953-***-1 1/2LV	1.72	
		250	Annular			Moldon Alum. Rubber	S1953-***-MAR-AB	2.21	R1953-***-MAR-AB	1.74	
		250	Steel			Phenolic	S1953-***-PH	2.33	R1953-***-PH	1.86	
		250	Ball			Moldon Poly. Urethane	S1953-***-PLY-BB-TG	1.93	R1953-***-PLY-BB-TG	1.46	
		250	Plain			Polyolefin	S1953-***-PO	1.58	R1953-***-PO	1.11	
		250	Nylon			ProTech™ Flat	S1953-***-PROF	1.68	R1953-***-PROF	1.21	
		250	Ball			ProTech™ Flat	S1953-***-PROF-BB	1.87	R1953-***-PROF-BB	1.40	
		250	Ball			ProTech™ Flat Blue	S1953-***-PROFB-BB	1.87	R1953-***-PROFB-BB	1.40	
		250	Steel			RollX™	S1953-***-1 1/2RX	2.19	R1953-***-1 1/2RX	1.72	
		250	Steel			Soft Rubber	S1953-***-SR	2.43	R1953-***-SR	1.96	
		250	Steel			Soft Rubber Grey	S1953-***-SRG	2.43	R1953-***-SRG	1.96	
		250	Steel			Solid Steel	S1953-***-SS	3.32	R1953-***-SS	2.85	
		250	Nylon			Envirothane™	S1953-***-U	1.96	R1953-***-U	1.49	
		250	Nylon			Envirothane™ Grey	S1953-***-UG	1.96	R1953-***-UG	1.49	

* Caster weight based on Standard Plate

STEMS

THREADED STEMS HEX WASHER

***	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

***	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



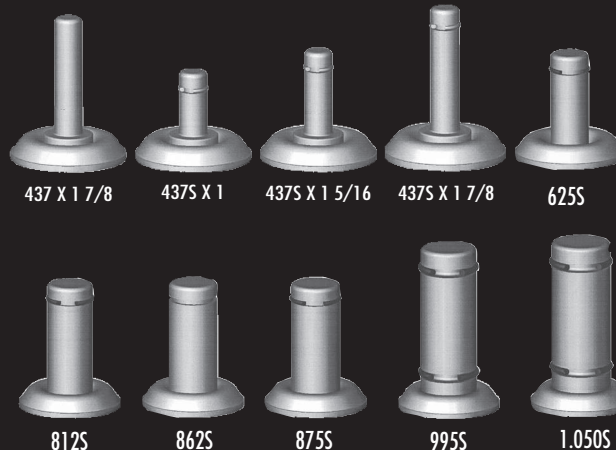
Threaded Stem HW



Threaded Stem HN

ROUND STEMS

***	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



SQ EXP Stem

EXPANDABLE ROUND STEMS

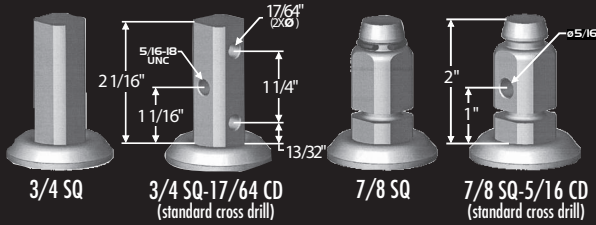
***	DIAMETER	LENGTH	TYPE
3/4RDEXP	3/4"	3 1/8"	Rubber
7/8RDEXP	7/8"	3 1/8"	Rubber
1RDEXP	1"	4 1/4"	Rubber
1 1/8RDEXP	1 1/8"	4 1/4"	Rubber
1 3/8RDEXP	1 3/8"	4 1/4"	Rubber
1 1/2RDEXP	1 1/2"	4 1/4"	Rubber

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

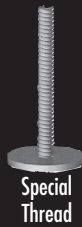
***	DIAMETER	LENGTH
3/4SQ	3/4"	2"
7/8SQ	7/8"	2"



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

SPECIAL THREADS

***	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

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



BOLT HOLES

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



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



1900C SHOPPING CART CASTERS 250LBS

SERIES



FEATURES

- KINGPIN:** 5/16" diameter rivet (for 0800 series); 7/16" diameter rivet (for 1000 and 1900 series)
- RACEWAY:** 3/16" diameter upper and lower race (for 0800 series); 7/32" diameter upper and lower race (for 1000 and 1900 series)
- BUSHING:** Nylon, steel or ball bearing
- AXLE&NUT:** 1/4" riveted (for 0800 series)
5/16" axle and lock nut (for 1000 and 1900 series)
- FINISH:** Corrosion resistant bright zinc finish
- HARDENED:** Yoke and washers
- LEG SPACING:** 1" (for 0800); 1 7/16" (for 1000); 1 5/8" (for 1900)

EXCELLENT FOR:

- Shopping carts
- Food service equipment
- Airports
- Mobile stock shelves
- Bakery Equipment



MOLDON POLY. URETHANE (PLY)



ENVIROTHANE™

OPTIONS:

- TLB Top Locking Brake (swivel only)
(not available with 0820 series)
- AN Axle and Nut (0800 series)
- AR Riveted Axle (1000 and 1900 series)
- C Seal (0800 and 1900 series)
- CD Cross Drilled Holes
- TG Thread Guards

FINISHES:

- 1922 Chrome
- 1924 Black
- 1925 Yellow Chromate
- Inquiries on other finishes welcome

SPECIAL:

Non-removable protective ball bearings and seal



H1950



H1950C

Quality raceway seals,
made exclusively by Algood



YOKE WITH
1/2-13X1 KEYWAY STEM



1/2-13X1KW

WHEEL		CASTER				PART NUMBER		
Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Caster Weight (lbs)
2 1/2"	7/8"	85	Nylon	2 1/8"	3"	Envirothane™	S0823-3/8-16X3/4HW-U	0.38
		85	-			-	Y-S0823-3/8-16X3/4HW	0.22
		85	-			-	H0820 (Horn Only)	0.11
3"	7/8"	95	Nylon	2 3/8"	3 1/2"	Envirothane™	S0833-3/8-16X3/4HW-U	0.46
		95	-			-	Y-S0833-3/8-16X3/4HW	0.24
		95	-			-	H0830 (Horn Only)	0.15
4"	1"	150	Ball	3 3/16"	4 13/16"	Envirothane™	S1043-1/2-13X1KW-U-BB-TG	1.29
		150	-			-	Y-S1043-1/2-13X1KW-TLB-W	0.59
		150	-			-	H1040 (Horn Only)	0.32
4"	1 1/4"	250	Ball	3 1/8"	4 7/8"	Moldon Poly. Urethane	S1943C-1/2-13X1KW-PLY-BB-TG	1.31
		250	Ball			-	S1943C-1/2-13X1KW-U-BB-TG	1.44
		250	-			-	Y-S1943C-1/2-13X1KW	0.64
		250	-			-	H1940 (Horn Only)	0.32
5"	1"	150	Ball	3 3/4"	5 13/16"	Envirothane™	S1053-1/2-13X1KW-U-BB-TG	1.53
		150	-			-	Y-S1053-1/2-13X1KW-TLB-W	0.58
		150	-			-	H1050 (Horn Only)	0.32
5"	1 1/4"	250	Ball	3 15/16"	5 15/16"	Moldon Poly. Urethane	S1953C-1/2-13X1KW-PLY-BB-TG	1.66
		250	Ball			-	S1953C-1/2-13X1KW-U-BB-TG	1.86
		250	-			-	Y-S1953C-1/2-13X1KW	0.80
		250	-			-	H1950 (Horn Only)	0.38
		250	-			-	H1950C (Horn Only)	0.71

WHEEL		PART NUMBER					
Diameter	Tread Width	Capacity Lbs.	Hub Length	Standard Bore	Bearing Type	Part Number	Wheel Weight (lbs)
2 1/2"	7/8"	125	1"	1/4"	Nylon	W-0820-U-1/4	0.15
3"	7/8"	125	1"	1/4"	Nylon	W-0830-U-1/4	0.20
4"	1"	150	1 7/16"	5/16"	Ball	W-1040-U-BB-TG-5/16	0.65
	1 1/4"	300	1 9/16"	5/16"	Ball	W-1940-PLY-BB-TG-5/16	0.60
350		1 5/8"	5/16"	Ball	W-1940-U-BB-TG-5/16	0.73	
5"	1"	150	1 7/16"	5/16"	Ball	W-1050-U-BB-TG-5/16	0.89
	1 1/4"	300	1 9/16"	5/16"	Ball	W-1950-PLY-BB-TG-5/16	0.80
350		1 5/8"	5/16"	Ball	W-1950-U-BB-TG-5/16	1.00	