



S1943-A27D-U-TLB

## FEATURES

- KINGPIN:** 7/16" diameter 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 & lock nut
- FINISH:** Corrosion resistant bright zinc finish
- HARDENED:** Yoke and washers
- SPECIAL:** Most special stems available for rigid casters. Upper & lower diameter race is equal for added performance and strength. Cart washable. Many expandable stem sizes available. Bolt hole allows for up to 1/2" diameter threaded stem with any special length and thread type.
- LEG SPACING:** 1 5/8"

### Excellent for:

- Hospital supply industry
- Textile
- Dollies
- Food service equipment
- Store fixtures
- Bakery equipment

### Options:

- SLB** Side Locking Brake (swivel & rigid)
- \* (SLB does not work with BB or TG)
- TLB** Top Locking Brake (swivel & rigid)
- TG** Thread Guards
- BB** Sealed Ball Bearings  
SR, SRG & U Wheels Only
- Z** Zerk Axle & Lock Nut
- C** Raceway Seal
- AR** Riveted Axle
- HO** Threads through bolt hole (specialty sizes)

(NOTE: Specialty diameter threads and lengths available through bolt hole casters.)

### Finish

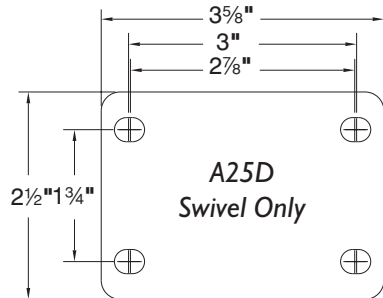
- Inquiries on other finishes welcome
- 1972** Chrome
- 1974** Black
- 1975** Yellow Chromate

WHEEL			CASTER			PART NUMBER		
Diameter	Tread Width	Bearing Type	Capacity Lbs.	Swivel Radius	Overall Height	Wheel Type	Swivel	Rigid
3"	1 1/4"	Ball	225	2 9/16"	4 1/8"	ProTech Flat Tread	S1933-***-PROF-BB-TG	R1933-***-PROF-BB-TG
		Nylon	225			ProTech Flat Tread	S1933-***-PROF	R1933-***-PROF
		Steel	250			Hard Rubber	S1933-***-HR	R1933-***-HR
		Steel	250			High Temp Phenolic (475°)	S1933-***-HTPH	R1933-***-HTPH
		Plain	250			Polyolefin	S1933-***-PO	R1933-***-PO
		Steel	250			Phenolic	S1933-***-PH	R1933-***-PH
		Steel	250			Soft Rubber	S1933-***-SR	R1933-***-SR
		Steel	250			Soft Rubber Grey	S1933-***-SRG	R1933-***-SRG
		Steel	250			Steel	S1933-***-ST	R1933-***-ST
		Nylon	250			Envirothane	S1933-***-U	R1933-***-U
		Nylon	250			Envirothane Grey	S1933-***-UG	R1933-***-UG
		4"	1 1/4"			Ball	250	3 1/8"
Nylon	250			ProTech Flat Tread	S1943-***-PROF	R1943-***-PROF		
Steel	250			Hard Rubber	S1943-***-HR	R1943-***-HR		
Steel	250			High Temp Phenolic (475°)	S1943-***-HTPH	R1943-***-HTPH		
Plain	250			Polyolefin	S1943-***-1 1/2 PO	R1943-***-1 1/2 PO		
Steel	250			Phenolic	S1943-***-PH	R1943-***-PH		
Ball	250			Moldon Urethane	S1943-***-PLY-BB-TG	R1943-***-PLY-BB-TG		
Steel	250			Soft Rubber	S1943-***-SR	R1943-***-SR		
Steel	250			Soft Rubber Grey	S1943-***-SRG	R1943-***-SRG		
Steel	250			Steel	S1943-***-ST	R1943-***-ST		
Nylon	250			Envirothane	S1943-***-U	R1943-***-U		
Nylon	250			Envirothane Grey	S1943-***-UG	R1943-***-UG		
5"	1 1/4"	Ball	250	3 3/16"	6 1/8"	ProTech Flat Tread	S1953-***-PROF-BB-TG	R1953-***-PROF-BB-TG
		Nylon	250			ProTech Flat Tread	S1953-***-PROF	R1953-***-PROF
		Steel	250			Hard Rubber	S1953-***-HR	R1953-***-HR
		Steel	250			High Temp Phenolic (475°)	S1953-***-HTPH	R1953-***-HTPH
		Plain	250			Polyolefin	S1953-***-PO	R1953-***-PO
		Steel	250			Phenolic	S1953-***-PH	R1953-***-PH
		Ball	250			Moldon Urethane	S1953-***-PLY-BB-TG	R1953-***-PLY-BB-TG
		Steel	250			Soft Rubber	S1953-***-SR	R1953-***-SR
		Steel	250			Soft Rubber Grey	S1953-***-SRG	R1953-***-SRG
		Steel	250			Steel	S1953-***-ST	R1953-***-ST
		Nylon	250			Envirothane	S1953-***-U	R1953-***-U
		Nylon	250			Envirothane Grey	S1953-***-UG	R1953-***-UG

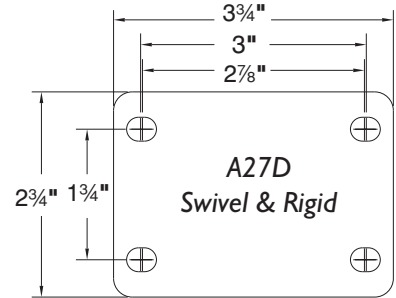
## PLATE DIAGRAMS

STANDARD PLATE: A27D

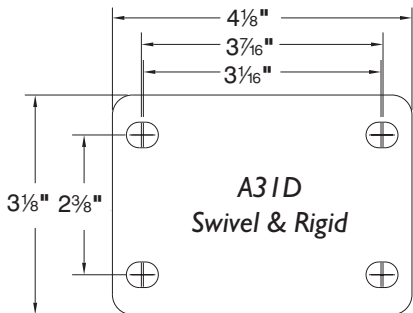
\* Plate Thickness: 3/32"



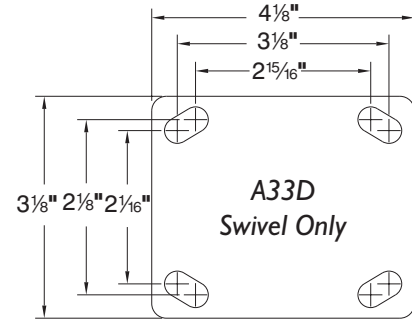
\* Attaching Bolt Size For Plate 5/16"  
(Formerly I25S)



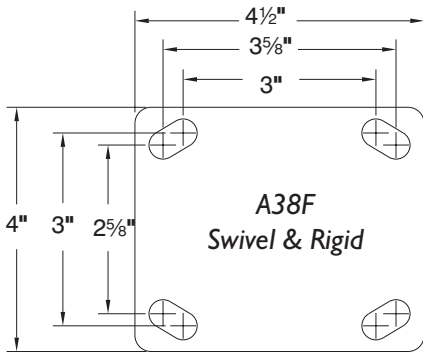
\* Attaching Bolt Size For Plate 5/16"  
(Formerly I25)



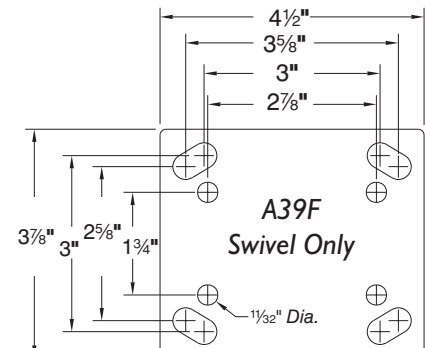
\* Attaching Bolt Size For Plate 3/8"  
(Formerly I25E/L)



\* Attaching Bolt Size For Plate 5/16"  
(Formerly I25G)



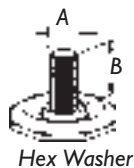
\* Attaching Bolt Size For Plate 3/8"  
Plate Thickness 5/32"  
(Formerly I25D)



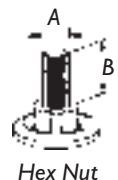
\* Attaching Bolt Size For Plate 3/8" Or 5/16"  
Plate Thickness 5/32"  
(Formerly I25H)

## THREADED STEMS

HEX WASHER	A	B	C
***			
1/2-13 X 1 HW	1/2"	1"	NC
1/2-13 X 1 1/2 HW	1/2"	1 1/2"	NC
1/2-13 X 2 1/4 HW	1/2"	2 1/4"	NC



HEX NUT	A	B	C
***			
1/2-13 X 1 HN	1/2"	1"	NC
1/2-13 X 1 7/8 HN	1/2"	1 7/8"	NC
1/2-13 X 3 1/2 HN	1/2"	3 1/2"	NC

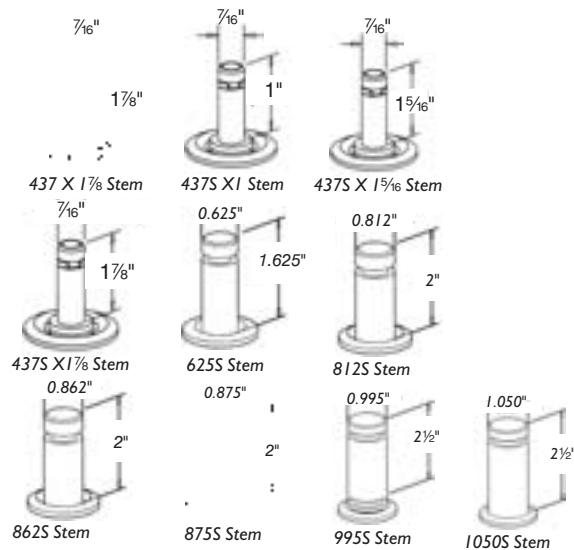


\* Please see next page for 1900 series fastenings



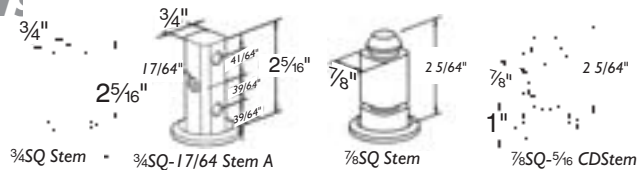
## ROUND STEMS

***	A	B	C
437 X 1 $\frac{1}{8}$ "	$\frac{7}{16}$ "	1 $\frac{7}{8}$ "	-
437S X 1	$\frac{7}{16}$ "	1"	Friction Ring
437S X 1 $\frac{1}{4}$ "	$\frac{7}{16}$ "	1 $\frac{5}{16}$ "	Friction Ring
437S X 1 $\frac{3}{8}$ "	$\frac{7}{16}$ "	1 $\frac{7}{8}$ "	Friction Ring
625S	$\frac{5}{8}$ "	1 $\frac{5}{8}$ "	Friction Ring
812S	$1\frac{3}{16}$ "	2"	Friction Ring
862S	.862"	2"	Friction Ring
875S	$\frac{7}{8}$ "	2"	Friction Ring
995S	.995"	2 $\frac{1}{2}$ "	Friction Ring
1.050S	1 $\frac{3}{64}$ "	2 $\frac{1}{2}$ "	Friction Ring



## SQUARE STEMS

***	A	B
$\frac{3}{4}$ SQ	$\frac{3}{4}$ "	2"
$\frac{7}{8}$ SQ	$\frac{7}{8}$ "	2"



## BOLT HOLE

HOLE	A
$\frac{5}{16}$ HOLE	$\frac{5}{16}$ "
$\frac{3}{8}$ HOLE	$\frac{3}{8}$ "
$\frac{1}{2}$ HOLE	$\frac{1}{2}$ "



## SPECIAL THREADS

$\frac{5}{16}$ "

Any Length Available

$\frac{3}{8}$ "

## EXPANDABLE ROUND & SQUARE STEMS

***	A	B	TYPE
$\frac{3}{4}$ " RD EXP	$\frac{3}{4}$ "	2"	RUBBER
$\frac{7}{8}$ " RD EXP	$\frac{7}{8}$ "	2"	RUBBER
1" RD EXP	1"	2"	RUBBER
1 $\frac{1}{8}$ " RD EXP	1 $\frac{1}{8}$ "	2"	RUBBER
1 $\frac{3}{8}$ " RD EXP	1 $\frac{3}{8}$ "	2"	RUBBER
1 $\frac{1}{2}$ " RD EXP	1 $\frac{1}{2}$ "	2"	RUBBER



***	A	B	TYPE
$\frac{3}{4}$ " SQ EXP	$\frac{3}{4}$ "	2"	RUBBER
$\frac{7}{8}$ " SQ EXP	$\frac{7}{8}$ "	2"	RUBBER
1" SQ EXP	1"	2"	RUBBER
1 $\frac{1}{8}$ " SQ EXP	1 $\frac{1}{8}$ "	2"	PLASTIC
1 $\frac{3}{8}$ " SQ EXP	1 $\frac{3}{8}$ "	2"	RUBBER
1 $\frac{1}{2}$ " SQ EXP	1 $\frac{1}{2}$ "	2"	RUBBER



## SPECIAL STEMS

***	A	B	C
$\frac{3}{4}$ NPT	1"	$\frac{3}{4}$ "	-
EXP	1 $\frac{1}{2}$ "	3 $\frac{1}{2}$ "	-

