

Super Endurance™ Kingpinless-Style Casters

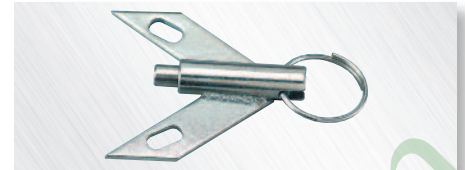


#S-SEC-83SYT Swivel showing Superplast® wheel

The Super Endurance™ Series casters represent the “best of breed” in kingpinless-style design for extra heavy-duty applications. The Super Endurance™ represents a beefed up version of our standard Endurance™ Series found on pages 42-43. Like the standard Endurance™ Series, the top plate and inner raceway are formed from one piece, providing a superior raceway for shock conditions. Once formed, the raceways are CNC-machined and then hardened to ensure a uniform depth in hardness of the swivel raceway. The hardening and the CNC-machining together produce an excellent swiveling caster under extreme loads.

All Super Endurance™ Series casters are finished in gray enamel and come standard with a choice of twelve different wheel types. Bearing selections include double sealed precision ball bearings, precision tapered bearings, or straight roller bearings.

OPTIONAL ACCESSORIES *more help on page 13*



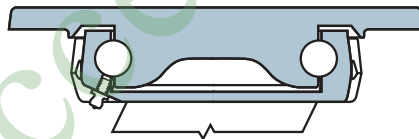
- **Swivel Lock – Field Installable**
– convert swivel to rigid for straight line steering



- **Sealed Swivel Assembly (-SS)**
–prolongs caster life in harsh environments
- **Wheel Bearing Seals (-BS)**
–prolong wheel life in harsh environments
- **Custom Engineering**
–Hamilton engineers will custom design any caster to meet customer requirements.

QUALITY FEATURES

Swivel Construction – forged steel top plate and fork base; 3/8" x 3" plate steel legs welded inside and outside to forged steel horn base.



Load Bearing – 3 5/8" diameter hardened and CNC-machined raceway with 5/8" balls.

Axle – 3/4" diameter hex head with lock nut.

Lubrication Fittings – Ball-check type in swivel assembly and in wheel hubs with tapered or straight roller bearings.

FEATURED WHEEL BEARINGS



Precision Ball Bearings (B): double sealed, maintenance free, superior rollability aids manual applications, not recommended if shock loading is prevalent.



Precision Tapered Roller Bearings (T): best for most severe heavy duty and power-towed applications.



Straight Roller Bearing (H): traditional anti-friction bearing, best for manual applications where shock loading (but no side thrust) is prevalent.



#R-SEC-83DB Rigid showing Duralast® Wheel.

THREE YEAR WARRANTY



The Super Endurance Series (SEC) is backed by Hamilton's Three Year Product Warranty. Refer to selection table for qualifying wheels.

BRAKE CHOICES *for more help, see page 20*

★-FB



Side Foot Brake [N/A with tapered bearings]

★-FRB



Rap-A-Round Foot Brake [N/A with tapered bearings]

★-ZB



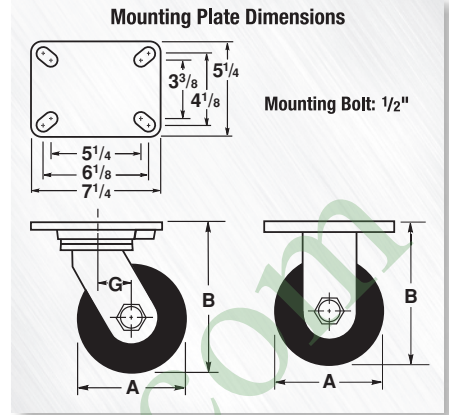
Heavy Duty Contact Brake [not ★ with tapered bearings]

HAMILTON®

Super Endurance™ Kingpinless-Style Casters

WHEEL CHOICES *for more help, see pages 14 & 15*

 Duralast®: 95A poly on iron – our standard urethane	 Duralast® XC: 70D extra hard poly on iron, higher capacity urethane	 Forged Steel: highest capacity, tensile strength 75,000 psi	 Metal: cast iron, heavy duty design
 Nylast™: high capacity cast nylon, corrosion resistant	 Plastex: phenolic, low cost, high capacity	 Poly-Soft®: 85A softer poly on iron – quieter, easy rolling, debris resistant urethane	 Moldon Rubber: 1" thick 70D rubber, tensile strength exceeds 1,000 psi
 Superlast®: 95A 1" thick poly/super duty forged steel center	 Superlast® XC: 70D extra hard 1" thick poly/forged steel center – highest capacity urethane	 Super Ultrast™: 95A 1" thick ultimate premium urethane on super duty forged steel center	 Ultrast™: 95A – the ultimate premium urethane, outperforms all other urethanes



★ = same day/next day PRONTO® shipment.

SEC Series Selection Table

3YR = 3 Year Warranty applies

Dia. A	Face	Wheel			Swivel Caster			Rigid Caster			Load Cap. Lbs.	Total Ht. B	Swivel Offset G
		Type	Replacement Number	Hamilton No. † Prec. BB/Roller	Hamilton No. † Tapered Brgs.	Wt. Lbs.	Hamilton No. † Prec. BB/Roller	Hamilton No. † Tapered Brgs.	Wt. Lbs.				
6	3	Duralast®	W-630-DB-¾	★ S-SEC-63DB	★ S-SEC-63DT	25	★ R-SEC-63DB	★ R-SEC-63DT	21	2200	8	2½	
		Duralast XC®	W-630-DB70-¾	★ S-SEC-63DB70	S-SEC-63DT70	25	★ R-SEC-63DB70	R-SEC-63DT70	21	2860			
		Forged Steel	W-630-FSB-¾	★ S-SEC-63FSB	★ S-SEC-63FST	33	★ R-SEC-63FSB	★ R-SEC-63FST	29	6000			
		Metal	W-630-MB-¾	★ S-SEC-63MB	S-SEC-63MT	25	★ R-SEC-63MB	R-SEC-63MT	21	2500			
		Nylast™‡	W-630-NYB-¾	★ S-SEC-63NYB	X	22	★ R-SEC-63NYB	X	15	5400			
		Plastex‡*	W-630-P-1	★ S-SEC-63PH	S-SEC-63PT	21	★ R-SEC-63PH	R-SEC-63PT	17	2000			
		Poly-Soft®	W-630-SPB-¾	★ S-SEC-63SPB	S-SEC-63SPT	25	★ R-SEC-63SPB	R-SEC-63SPT	21	1800			
		M.O. Rubber	W-630-R-1	★ S-SEC-63RH	S-SEC-63RT	25	★ R-SEC-63RH	R-SEC-63RT	21	680			
		Ultrast™	W-630-TRB-¾	★ S-SEC-63TRB	S-SEC-63TRT	30	★ R-SEC-63TRB	R-SEC-63TRT	24	2600			
		8	3	Duralast®	W-830-DB-¾	★ S-SEC-83DB	★ S-SEC-83DT	31	★ R-SEC-83DB	★ R-SEC-83DT			27
Duralast® XC	W-830-DB70-¾			★ S-SEC-83DB70	S-SEC-83DT70	36	★ R-SEC-83DB70	R-SEC-83DT70	30	3250			
Forged Steel	W-830-FSB-¾			★ S-SEC-83FSB	★ S-SEC-83FST	34	★ R-SEC-83FSB	★ R-SEC-83FST	30	6000			
Metal	W-830-MB-¾			★ S-SEC-83MB	S-SEC-83MT	32	★ R-SEC-83MB	R-SEC-83MT	28	2600			
Nylast™‡	W-830-NYB-¾			★ S-SEC-83NYB	X	26	★ R-SEC-83NYB	X	19	6000			
Plastex‡*	W-830-P-1			★ S-SEC-83PH	S-SEC-83PT	23	★ R-SEC-83PH	R-SEC-83PT	19	3000			
Poly-Soft®	W-830-SPB-¾			★ S-SEC-83SPB	S-SEC-83SPT	31	★ R-SEC-83SPB	R-SEC-83SPT	27	2000			
M.O. Rubber	W-830-R-1			★ S-SEC-83RH	S-SEC-83RT	30	★ R-SEC-83RH	R-SEC-83RT	26	840			
Superlast®	W-830-SYH-1			★ S-SEC-83SYH	★ S-SEC-83SYT	40	★ R-SEC-83SYH	★ R-SEC-83SYT	36	3500			
Superlast XC®	W-830-SYB70-¾			S-SEC-83SYB70	S-SEC-83SYT70	40	R-SEC-83SYB70	R-SEC-83SYT70	36	4500			
Super Ultrast™	W-830-STRB-¾			S-SEC-83STRB	S-SEC-83STRT	40	R-SEC-83STRB	R-SEC-83STRT	36	4200			
Ultrast™	W-830-TRB-¾			★ S-SEC-83TRB	S-SEC-83TRT	31	★ R-SEC-83TRB	R-SEC-83TRT	27	3000			
10	3	Duralast®	W-1030-DB-¾	★ S-SEC-13DB	★ S-SEC-13DT	35	★ R-SEC-13DB	★ R-SEC-13DT	31	3000	12½	2¾	
		Duralast XC®	W-1030-DB70-¾	★ S-SEC-13DB70	S-SEC-13DT70	35	★ R-SEC-13DB70	R-SEC-13DT70	31	3900			
		Forged Steel	W-1030-FSB-¾	★ S-SEC-13FSB	★ S-SEC-13FST	42	★ R-SEC-13FSB	★ R-SEC-13FST	38	6000			
		Metal	W-1030-M-1	★ S-SEC-13MH	S-SEC-13MT	34	★ R-SEC-13MH	R-SEC-13MT	30	2600			
		Plastex‡*	W-1030-P-1	★ S-SEC-13PH	S-SEC-13PT	30	★ R-SEC-13PH	R-SEC-13PT	24	2900			
		Poly-Soft®	W-1030-SPB-¾	★ S-SEC-13SPB	S-SEC-13SPT	35	★ R-SEC-13SPB	R-SEC-13SPT	31	2400			
		M.O. Rubber	W-1030-R-1	★ S-SEC-13RH	S-SEC-13RT	31	★ R-SEC-13RH	R-SEC-13RT	27	1000			
		Ultrast™	W-1030-TRB-¾	S-SEC-13TRB	S-SEC-13TRT	42	R-SEC-13TRB	R-SEC-13TRT	36	3600			
12	3	Duralast®	W-1230-DB-¾	★ S-SEC-12DB	★ S-SEC-12DT	54	★ R-SEC-12DB	★ R-SEC-12DT	50	3500	15½	2%	
		Duralast XC®	W-1230-DB70-¾	S-SEC-12DB70	S-SEC-12DT70	54	R-SEC-12DB70	R-SEC-12DT70	50	4550			
		Metal	W-1230-M-1	★ S-SEC-12MH	S-SEC-12MT	42	★ R-SEC-12MH	R-SEC-12MT	38	2500			
		Plastex‡*	W-1230-P-1	★ S-SEC-12PH	S-SEC-12PT	29	★ R-SEC-12PH	R-SEC-12PT	25	3500			
		Poly-Soft®	W-1230-SPB-¾	★ S-SEC-12SPB	S-SEC-12SPT	54	★ R-SEC-12SPB	R-SEC-12SPT	50	2800			
		M.O. Rubber	W-1230-R-1	★ S-SEC-12RH	S-SEC-12RT	36	★ R-SEC-12RH	R-SEC-12RT	32	1140			
		Ultrast™	W-1230-TRB-¾	S-SEC-12TRB	S-SEC-12TRT	57	R-SEC-12TRB	R-SEC-12TRT	51	4200			

⊠ With straight roller or precision ball bearings. For catalog number of corresponding tapered bearing wheels, consult factory.

† Hamilton No.s ending in "B" = Prec. Ball Bearing, "H" = Straight Roller Bearing, "T" = Prec. Tapered Roller Bearing.

‡ Straight-sided wheel. * This wheel lubricated through lube axle.