

Champion Casters

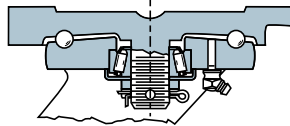


#S-CH-8DB
Swivel showing
Duralast® wheel

Named after a caster introduced in the 1950's, *Hamilton's Champion Casters* will be recognized for their superior performance, wide selection, and reliable service. As with all *Hamilton Forged Steel Casters*, the *Champion's* 1" integrally forged steel kingpin is guaranteed for life.

QUALITY FEATURES

Swivel Construction – ½" thick drop forged steel mounting plate; ¾"x 3" plate steel legs welded inside and outside to forged steel horn base.



Kingpin – 1" diameter integrally forged with mounting plate guaranteed for life and threaded for 1" diameter lock nut.

Main Load Bearing – CNC-machined 3¾" diameter raceway; hardened and polished steel balls.

Secondary Load Bearing – 1" precision tapered thrust bearing counteracts radial thrust.

Axle – ¾" diameter hex head with lock nut.

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



#R-CH-83TRB
Rigid showing new *Ultrast®* Wheel.

OPTIONAL ACCESSORIES *more help on page 13*



- **Swivel Lock– 4 position (★-4SL)**
–convert swivel to rigid for straight line steering, robotically welded housing & CNC-milled slots assure long lasting, trouble-free performance.



- **Sealed Swivel Assembly (-SS)**
–prolongs caster life in harsh environments, not available with Swivel Lock.
- **Wheel Bearing Seals (-BS)**
–prolong wheel life in harsh environments



- **Spring Loaded Models**
–see pages 40-41.

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.

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]

THREE YEAR WARRANTY



The *Champion Series (CH)* is backed by *Hamilton's Three Year Product Warranty*. Refer to selection table for qualifying wheels.

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®:
1" thick 70D poly/super duty forged steel center



Super Ultralast™:
95A 1" thick ultimate premium urethane on super duty forged steel center



Ultralast™:
95A - the ultimate premium urethane, outperforms all other urethanes



V-Grooved:
take loads off floor, for production-line flow

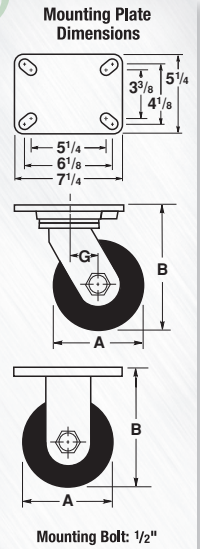


★ = same day/next day **PRONTO®** shipment.

CH Series Selection Table

3YR = 3 Year Warranty applies

Wheel			Swivel Caster			Rigid Caster			Load Cap. Lbs.	Til. Hgt. B	Swiv. Off. G
Dia. A	Face	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	2½	Duralast®	W-625-DB-¾	★ S-CH-6DB 3YR	S-CH-6DT 3YR	25	★ R-CH-6DB 3YR	R-CH-6DT 3YR	20	1600	8 2½
		Forged Steel	W-625-FSH-1	★ S-CH-6FSH	S-CH-6FST 3YR	27	★ R-CH-6FSH	R-CH-6FST 3YR	22	3500	
		Metal	W-625-M-1	★ S-CH-6MH	S-CH-6MT	24	★ R-CH-6MH	R-CH-6MT	19	2200	
		Plastex†	W-625-P-1	★ S-CH-6PH	S-CH-6PT	19	★ R-CH-6PH	R-CH-6PT	15	1800	
	3	V-Groove	W-626-V-1	★ S-CH-6VH	S-CH-6VT	34	★ R-CH-6VH	R-CH-6VT	28	2500	
		Duralast®	W-630-DB-¾	★ S-CH-63DB 3YR	★ S-CH-63DT 3YR	26	★ R-CH-63DB 3YR	★ R-CH-63DT 3YR	21	2200	
		Duralast® XC	W-630-DB70-¾	★ S-CH-63DB70 3YR	S-CH-63DT70 3YR	26	★ R-CH-63DB70 3YR	R-CH-63DT70 3YR	21	2860	
		Forged Steel	W-630-FSB-¾	★ S-CH-63FSB 3YR	★ S-CH-63FST 3YR	34	★ R-CH-63FSB 3YR	★ R-CH-63FST 3YR	30	4000	
		Metal	W-630-MB-¾	★ S-CH-63MB	S-CH-63MT	26	★ R-CH-63MB	R-CH-63MT	21	2500	
		Nylast™†	W-630-NYB-¾	★ S-CH-63NYB	X	21	★ R-CH-63NYB	X	15	4000	
		Plastex†	W-630-P-1	★ S-CH-63PH	S-CH-63PT	21	★ R-CH-63PH	R-CH-63PT	17	2000	
		Poly-Soft®	W-630-SPB-¾	★ S-CH-63SPB 3YR	S-CH-63SPT 3YR	26	★ R-CH-63SPB 3YR	R-CH-63SPT 3YR	21	1800	
		Ultralast™	W-630-TRB-¾	★ S-CH-63TRB 3YR	S-CH-63TRT 3YR	26	★ R-CH-63TRB 3YR	R-CH-63TRT 3YR	21	2600	
8	2½	Duralast®	W-825-DB-¾	★ S-CH-8DB 3YR	S-CH-8DT 3YR	31	★ R-CH-8DB 3YR	R-CH-8DT 3YR	26	2000	10½ 2½
		Metal	W-825-M-1	★ S-CH-8MH	S-CH-8MT	29	★ R-CH-8MH	R-CH-8MT	24	2500	
		Plastex	W-825-P-1	★ S-CH-8PH	S-CH-8PT	22	★ R-CH-8PH	R-CH-8PT	17	2000	
	3	V-Groove	W-8-V-1	★ S-CH-8VH	S-CH-8VT	35	★ R-CH-8VH	R-CH-8VT	33	2500	
		Duralast®	W-830-DB-¾	★ S-CH-83DB 3YR	★ S-CH-83DT 3YR	32	★ R-CH-83DB 3YR	★ R-CH-83DT 3YR	27	2500	
		Duralast® XC	W-830-DB70-¾	★ S-CH-83DB70 3YR	S-CH-83DT70 3YR	32	★ R-CH-83DB70 3YR	R-CH-83DT70 3YR	27	3250	
		Forged Steel	W-830-FSB-¾	★ S-CH-83FSB 3YR	★ S-CH-83FST 3YR	35	★ R-CH-83FSB 3YR	★ R-CH-83FST 3YR	30	4000	
		Metal	W-830-MB-¾	★ S-CH-83MB	S-CH-83MT	33	★ R-CH-83MB	R-CH-83MT	28	2600	
		Nylast™†	W-830-NYB-¾	★ S-CH-83NYB	X	25	★ R-SEC-83NYB	X	19	4000	
		Plastex†	W-830-P-1	★ S-CH-83PH	S-CH-83PT	24	★ R-CH-83PH	R-CH-83PT	19	3000	
		Poly-Soft®	W-830-SPB-¾	★ S-CH-83SPB 3YR	S-CH-83SPT 3YR	26	★ R-CH-83SPB 3YR	R-CH-83SPT 3YR	27	2000	
		M.O. Rubber	W-830-R-1	★ S-CH-83RH	S-CH-83RT	31	★ R-CH-83RH	R-CH-83RT	26	840	
		Superlast®	W-830-SYH-1	★ S-CH-83SYH 3YR	★ S-CH-83SYT 3YR	32	★ R-CH-83SYH 3YR	★ R-CH-83SYT 3YR	36	3500	
		Super Ultralast™	W-830-STRB-¾	S-CH-83STRB 3YR	S-CH-83STRT 3YR	32	R-CH-83STRB 3YR	R-CH-83STRT 3YR	36	4000	
		Ultralast™	W-830-TRB-¾	★ S-CH-83TRB 3YR	S-CH-83TRT 3YR	32	★ R-CH-83TRB 3YR	R-CH-83TRT 3YR	27	3000	
10	2½	Duralast®	W-1025-DB-¾	★ S-CH-10DB 3YR	S-CH-10DT 3YR	30	★ R-CH-10DB 3YR	R-CH-10DT 3YR	26	2500	12½ 2½
		Metal	W-1025-M-1	★ S-CH-10MH	S-CH-10MT	33	★ R-CH-10MH	R-CH-10MT	28	2500	
		Plastex	W-1025-P-1	★ S-CH-10PH	S-CH-10PT	26	★ R-CH-10PH	R-CH-10PT	20	2500	
	3	Duralast®	W-1030-DB-¾	★ S-CH-13DB 3YR	★ S-CH-13DT 3YR	36	★ R-CH-13DB 3YR	★ R-CH-13DT 3YR	31	3000	
		Duralast® XC	W-1030-DB70-¾	★ S-CH-13DB70 3YR	S-CH-13DT70 3YR	36	★ R-CH-13DB70 3YR	R-CH-13DT70 3YR	31	3900	
		Forged Steel	W-1030-FSB-¾	★ S-CH-13FSB 3YR	★ S-CH-13FST 3YR	43	★ R-CH-13FSB 3YR	★ R-CH-13FST 3YR	39	4000	
		Metal	W-1030-M-1	★ S-CH-13MH	S-CH-13MT	34	★ R-CH-13MH	R-CH-13MT	30	2600	
		Plastex	W-1030-P-1	★ S-CH-13PH	S-CH-13PT	29	★ R-CH-13PH	R-CH-13PT	24	2900	
		Poly-Soft®	W-1030-SPB-¾	★ S-CH-13SPB 3YR	S-CH-13SPT 3YR	36	★ R-CH-13SPB 3YR	R-CH-13SPT 3YR	31	2400	
		M.O. Rubber	W-1030-R-1	★ S-CH-13RH	S-CH-13RT	32	★ R-CH-13RH	R-CH-13RT	27	1000	
		Ultralast™	W-1030-TRB-¾	S-CH-13TRB 3YR	S-CH-13TRT 3YR	36	R-CH-13TRB 3YR	R-CH-13TRT 3YR	31	3600	
		V-Groove	W-10-V-1	★ S-CH-13VH	S-CH-13VT	54	★ R-CH-13VH	R-CH-13VT	48	3000	
12	3	Duralast®	W-1230-DB-¾	★ S-CH-12DB 3YR	★ S-CH-12DT 3YR	55	★ R-CH-12DB 3YR	★ R-CH-12DT 3YR	50	3500	15½ 2½
		Duralast® XC	W-1230-DB70-¾	S-CH-12DB70 3YR	S-CH-12DT70 3YR	55	R-CH-12DB70 3YR	R-CH-12DT70 3YR	50	4000	
		Metal	W-1230-M-1	★ S-CH-12MH	S-CH-12MT	43	★ R-CH-12MH	R-CH-12MT	38	2500	
		Plastex	W-1230-P-1	★ S-CH-12PH	S-CH-12PT	30	★ R-CH-12PH	R-CH-12PT	25	3500	
		Poly-Soft®	W-1230-SPB-¾	★ S-CH-12SPB 3YR	S-CH-12SPT 3YR	55	★ R-CH-12SPB 3YR	R-CH-12SPT 3YR	50	2800	
		Ultralast™	W-1230-TRB-¾	S-CH-12TRB 3YR	S-CH-12TRT 3YR	57	R-CH-12TRB 3YR	R-CH-12TRT 3YR	51	4000	



† 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.

* These wheels lubricated through lube axle.

† Straight-sided wheel.