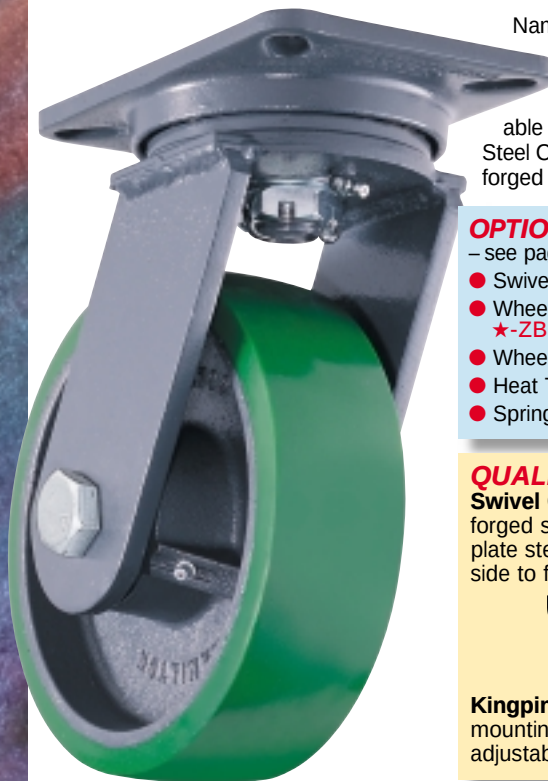


Champion Casters

Series CH — Cap. to 3,500 lbs.

HAMILTON®



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.

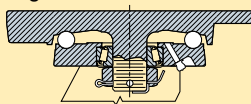
OPTIONAL ACCESSORIES

— see pages 18 & 19.

- Swivel Locks - 2 or ★ 4 position.
- Wheel Brakes (-FCB, ★-IB, -IRB, ★-ZB [not ★ with tapered bearings], -B).
- Wheel Bearing Seals.
- Heat Treated Raceways.
- Spring Loaded Models (see page 46).

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" dia. integrally forged with mounting plate and threaded for adjustable slotted nut and cotter pin.

Main Load Bearing — CNC-machined 3/4" diameter raceway; hardened and polished steel balls.

Secondary Load Bearing — 1" tapered thrust bearing counteracts radial thrust.

Axle — ¾" dia. hex head with lock nut.

Wheel Bearings —

• **Precision Ball Bearings:** (superior rollability & no greasing required) rotate on (2) 25 mm O.D. x ¾" I.D. x 1 ¾" long top hat spacers standard in *Duralast®* and *Poly-Soft®* wheels.

• **Tapered Roller Bearings:** (best for towing and side thrust applications) ¾" mounted directly on axle, available in *Duralast®*, *Poly-Soft®*, Forged Steel, Metal, Plastex & M.O. Rubber wheels.

• **Straight Roller Bearings:** 1" hardened and ground rollers rotate on 1" O.D. x ¾" I.D. hardened and ground steel spanner bushing standard in Metal, Plastex, Forged Steel, & M.O. Rubber wheels.

Lubrication Fittings — ball-check type in swivel assembly and wheel hub.

Wheel Types



Duralast® Forged Steel Metal Plastex Poly-Soft® M.O. Rubber

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

★ = available for 1-2 day **PRONTO®** shipment.

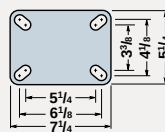
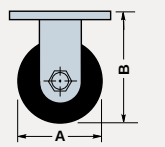
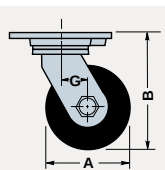
Wheel				Swivel Caster			Rigid Caster			Load Cap. Lbs.	Overall Height B	Swivel Offset G
Dia. A	Face	Type	Replacement Number	Catalog No. Roller/Prec. BB	Catalog No. Tapered Brgs	Wt. Lbs.	Catalog No. Roller/Prec. BB	Catalog No. Tapered Brgs	Wt. Lbs.			
6	2½	Duralast®	W-625-D-1	★S-CH-6DH	S-CH-6DT	25	★R-CH-6DH	R-CH-6DT	20	1600	8	2¼
		Forged Steel	W-625-FSH-1	★S-CH-6FSH	S-CH-6FST	27	★R-CH-6FSH	R-CH-6FST	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	Duralast®	W-630-DB-¾	★S-CH-63DB	★S-CH-63DT	26	★R-CH-63DB	★R-CH-63DT	21	2200		
		Forged Steel	W-630-FSH-1	★S-CH-63FSH	★S-CH-63FST	34	★R-CH-63FSH	★R-CH-63FST	30	3500		
		Metal	W-630-M-1	★S-CH-63MH	S-CH-63MT	26	★R-CH-63MH	R-CH-63MT	21	2500		
		Plastex	W-630-P-¾	★S-CH-63PH	S-CH-63PT	21	★R-CH-63PH	R-CH-63PT	17	2000		
Poly-Soft®	W-630-SPB-¾	★S-CH-63SPB	★S-CH-63SPT	26	★R-CH-63SPB	★R-CH-63SPT	21	1800				
8	2½	Duralast®	W-825-D-1	★S-CH-8DH	S-CH-8DT	31	★R-CH-8DH	R-CH-8DT	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	Duralast®	W-830-DB-¾	★S-CH-83DB	★S-CH-83DT	32	★R-CH-83DB	★R-CH-83DT	27	2500		
		Forged Steel	W-830-FSH-1	★S-CH-83FSH	★S-CH-83FST	35	★R-CH-83FSH	★R-CH-83FST	30	3500		
		Metal	W-830-M-1	★S-CH-83MH	S-CH-83MT	33	★R-CH-83MH	R-CH-83MT	28	2600		
		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	★S-CH-83SPT	26	★R-CH-83SPB	★R-CH-83SPT	27	2000		
M.O. Rubber	W-830-R-1	★S-CH-83RH	S-CH-83RT	31	★R-CH-83RH	R-CH-83RT	26	840				
10	2½	Duralast®	W-1025-D-1	★S-CH-10DH	S-CH-10DT	30	★R-CH-10DH	R-CH-10DT	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	★S-CH-13DT	36	★R-CH-13DB	★R-CH-13DT	31	3000		
		Forged Steel	W-1030-FSH-1	★S-CH-13FSH	★S-CH-13FST	43	★R-CH-13FSH	★R-CH-13FST	39	3500		
		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	★S-CH-13SPT	36	★R-CH-13SPB	★R-CH-13SPT	31	2400		
M.O. Rubber	W-1030-R-1	★S-CH-13RH	S-CH-13RT	32	★R-CH-13RH	R-CH-13RT	27	1000				
12	3	Duralast®	W-1230-DB-¾	★S-CH-12DB	★S-CH-12DT	55	★R-CH-12DB	★R-CH-12DT	50	3500	15½	2½
		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	★S-CH-12SPT	55	★R-CH-12SPB	★R-CH-12SPT	50	2800		
		M.O. Rubber	W-1230-R-1	★S-CH-12RH	S-CH-12RT	37	★R-CH-12RH	R-CH-12RT	32	1140		

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

* This wheel lubricated through lube axle.

‡ Straight-sided wheel.

Dimensions in inches



MOUNTING PLATE
5¼" x 7¼" with
holes slotted
3⅞" x 5¼" to
4⅞" x 6⅞"
for ½" bolts.