

Cush-N-Aire Casters



#S-7008-PR Swivel

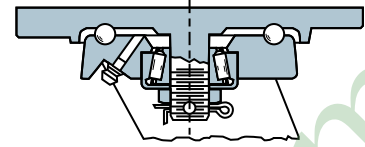
Hamilton Cush-N-Aires have become widely recognized as the leading pneumatic-tired casters in the industry. The quality that earned this reputation continues without compromise: all swivels are S.A.E. 1045 drop forged steel with an integrally forged kingpin and precision tapered thrust bearing to ensure easy swiveling and longer life.

These shock absorbing casters are popular for handling missile components, electronic equipment, ceramics, liquids, etc., as well as for use outdoors over rough surfaces. Pneumatic tires offer "variable flotation": reduce inflation pressure to improve cushioning for lighter loads, or inflate fully for optimum rollability and capacity loads. All wheels except the 4-ply 16" size have bolted hubs.

Rigid Cush-N-Aire models, offering overall height and template patterns to match the swivels, are constructed of plate steel legs welded inside and outside to steel mounting plate.

QUALITY FEATURES

Swivel Construction – drop forged steel mounting plate and horn base. Legs ¼" thick on 8" and 10" models; ⅜" on 12", 16", 21" and 25"; and ½" on 18" models, welded inside and outside.



Kingpin – integrally forged with mounting plate, ¼" diameter on 8" and 10" models; 1" diameter on 12"-18" models; and 1¼" dia. on 21" and 25" models.

Main Load Bearing – large diameter raceway machined for hardened and polished steel balls.

Secondary Load Bearing – precision tapered roller bearing capped with grease retainer.

Axle – bolt and nut type: ½" diameter on 8" and 10" roller bearing models; ¾" diameter on 10" tapered bearing models and all 12" models; 1" diameter on all 16" and 18" models; 1¼" on 21" and 25" models.

Tires – 8", 10", 12" and #7016-PR are 4-ply rated; #70166-PR is 6-ply rated; #70188-PR is 8-ply rated; 21" and 25" models are 10-ply rated.

OPTIONAL ACCESSORIES more help on page 13



#R-7012-PR Rigid



Swivel casters on this page feature Forged Steel Integral Kingpins guaranteed for life.



FEATURED WHEEL BEARINGS



Precision Tapered Roller Bearing: best for most severe heavy duty or all power-towed applications



Straight Roller Bearing: 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

-FCB



Foot Contact Brake [8" to 18" models]

★-FB



Side Foot Brake [8" to 12" models]

★-FRB



Rap-A-Round Foot Brake [8" to 12" models]

-ZB



Heavy Duty Contact Brake [8" & 10" models]

-B, -HB



Thumbscrew Brake [8" to 12" models, -HB on 16" & 18"]

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

7000 Series Selection Table

Nom. Dia. A	Wheel			Swivel Caster		Rigid Caster		Load Cap. Lbs.	Overall Height B ♦	Swivel Offset G	Mounting Plate	
	Tire Size	Replacement Number	Max. Air Pressure	Hamilton Model No.	Wt. Lbs.	Hamilton Model No.	Wt. Lbs.				Size CxD	Holes ExF
8	2.80/2.50-4	W-8-PR-¾"	50	★ S-7008-PR	12	★ R-7008-PR	8½	330	10%	2¾	4½ x 6½	2⅞ x 4⅞ slotted to 3% x 5¼
	3.40/3.00-5	W-10-PR-¾"	100	★ S-7010-PR	14	★ R-7010-PR	11	480	12½	3		
10	3.40/3.00-5	W-10-PRT-¾"	100	S-70104-PR	14	R-70104-PR	11	480	12½	3	6⅞ x 7⅞ (swivel)	4% x 6⅞
	4.10/3.50-6	W-12-PR-1"	50	★ S-7012-PR	31	★ R-7012-PR	24	625	15½	3½		
12	4.10/3.50-6	W-12-PRT-1"	50	S-70124-PR	31	R-70124-PR	24	625	15½	3½	5½ x 7⅞ (rigid)	4% x 6⅞
	4.80-8	W-164-PR-1"	60	★ S-7016-PR	36	★ R-7016-PR	29	960	18¾	4½		
16	4.80-8	W-166-PRT-1"	90	★ S-70166-PR	39	★ R-70166-PR	32	1220	18¾	4½	8½ x 8½	7 x 7
	5.70-8	W-188-PRT-1"	115	S-70188-PR	50	R-70188-PR	44	1655	21¼	5		
21	6.90/9	W-210-PRT-1¼"	125	S-70210-PR	90	R-70210-PR	73	2500	24½	5		
25	7.50/10	W-250-PRT-1¼"	100	S-70250-PR	112	R-70250-PR	95	3700	28%	5		

♦ Approximate since O.D. of tires can vary, as will deflection with pressure and loading.