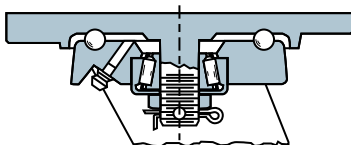


Cush-N-Aire Casters

QUALITY FEATURES

Swivel Construction – drop forged steel mounting plate and horn base. Legs ¼" thick on 8", 10", & 12" (7112 only) models; ⅜" on 12", 16", 21" and 25"; and ½" on 18" models, welded inside and outside.



Kingpin – integrally forged with mounting plate, ¾" diameter on 8", 10" & 12" (7112 only) 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 #7116 are 4-ply rated; #71166 is 6-ply rated; #71188 is 8-ply rated; 21" and 25" models are 10-ply rated.

OPTIONAL ACCESSORIES *more help on page 13*



- **Swivel Locks**– 4 position (-4SL)
–convert swivel to rigid for straight line steering
- **Special Overall Height**
- **Foam Filled Wheels**
- **Gray Non-marking Tires**



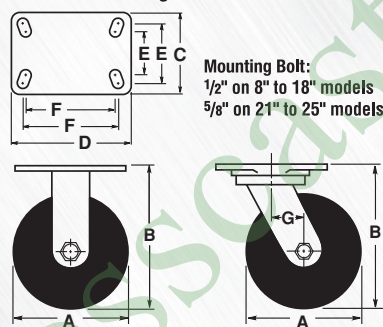
★ = same day/next day **PRONTO®** shipment.

The new 7100 Series of pneumatic casters combines the proven heavy-duty forged steel construction of the 7000 Series with the industry's most popular top plate – 4" x 5". The 7100 Series Casters are also enhanced with a bright zinc plate finish to prevent rust and wear in indoor and outdoor applications.

Because pneumatic-tired casters cushion loads and roll well on paved or concrete surfaces, this series is well-suited for aerospace ground support equipment (power towed and manual operations), and sensitive cargo such as military weaponry and any other miscellaneous equipment requiring extra care during transport.



Mounting Plate Dimensions



#S-7111-PR
Swivel



BRAKE CHOICES *for more help, see page 20*

-FCB

★-FB

★-FRB

-ZB

-B, -HB



Foot Contact Brake
[8" to 18" models]



Side Foot Brake
[8" to 12" models]



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



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



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

7100 Series Selection Table

3YR = 3 Year Warranty applies

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	Bearing Type	Hamilton Model No.	Wt. Lbs.	Hamilton Model No.	Wt. Lbs.				Size C&D	Holes E&F
8	2.80/2.50-4	W-8-PR-¾	50	Roller	★S-7108-PR	12	★R-7108-PR	8	330	10½	2¼	4 x 5"	3 x 3½ slotted to 2½ x 3
	2.80/2.50-4	W-8-PR-¾	50	Roller	S-7118-PR	12	R-7118-PR	9	330	10½	2¼	4½ x 6½	3¾ x 5¼ slotted to 2½ x 4½
10	3.40/3.00-5	W-10-PR-¾	100	Roller	★S-7110-PR	14	★R-7110-PR	10	480	12½	3	4 x 5"	3 x 3½ slotted to 2½ x 3
	3.40/3.00-5	W-10-PR-¾	100	Roller	S-7111-PR	14	R-7111-PR	11	480	12½	3	4½ x 6½	3¾ x 5¼ slotted to 2½ x 4½
	3.40/3.00-5	W-10-PRT-¾	100	Tapered	S-71104-PR 3YR	14	R-71104-PR 3YR	11	480	12½	3		
12	4.10/3.50-6	W-12-PR-1	50	Roller	★S-7112-PR	17	★R-7112-PR	14	625	15¼	3¾	4 x 5"	3 x 3½ slotted to 2½ x 3
	4.10/3.50-6	W-12-PR-1	50	Roller	S-7113-PR	31	R-7113-PR	24	625	15½	3¾	6½ x 7½ (swivel)	4½ x 6½
	4.10/3.50-6	W-12-PRT-¾	50	Tapered	S-71124-PR 3YR	31	R-71124-PR 3YR	24	625	15½	3¾		
16	4.80-8	W-164-PR-1	60	Roller	S-7116-PR	36	R-7116-PR	29	960	18¾	4½	5½ x 7½ (rigid)	
	4.80-8	W-166-PRT-1	90	Tapered	S-71166-PR 3YR	39	R-71166-PR 3YR	32	1220	18¾	4½		
18	5.70-8	W-188-PRT-1	115	Tapered	S-71188-PR 3YR	50	R-71188-PR 3YR	44	1655	21¼	5		
21	6.90-9	W-210-PRT-1¼	125	Tapered	S-71210-PR 3YR	90	R-71210-PR 3YR	73	2500	24½	5		
25	7.50-10	W-250-PRT-1¼	100	Tapered	S-71250-PR 3YR	112	R-71250-PR 3YR	95	3700	28¾	5		7 x 7

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

* Rigid top plate is 4" x 4½"; Holes are 2½" x 3¾" slotted to 3" x 3".