

Heavy Duty Semi-Pneumatic Wheels



#W-16-SPRT-1 1/4

For those rugged ground support applications, Hamilton's heavy duty semi-pneumatic tires are the clear answer when standard pneumatics are not up to the task. Available in four sizes, from 14" x 4" to 21" x 6", all wheels are equipped with 1-1/4" precision tapered roller bearings making them well suited for any towing applications.

Each tire is comprised of three tread sections: a firm, stable base compound for strong rim adhesion; a very resilient middle section to dampen the shock of uneven rolling surfaces; and a tough low rolling resistance tread to reduce energy consumption. The resulting soft ride compares favorably with full pneumatic tires, but semi-pneumatics enjoy much higher capacity ratings. Purchase the wheels alone, or refer to Pg. 65 for a heavy duty caster series using these wheels.

★ = same day/next day PRONTO® shipment.

SPRT Series Selection Table

Nom. Dia.	Tire Width	Tire Size	Rim Width	Load Cap. Lbs.	Hub Length	Hamilton Model No.	Bearing Size	Wt. Lbs.
14	4	300 x 8	2 1/2	1500	4 1/4	W-1440-SPRT-1 1/4	1 1/4	16
16	5 1/2	400 x 8	3 3/4	2900	5 1/4	★ W-1650-SPRT-	1* - 1 1/4	28
18	5 1/2	500 x 8	3 3/4	3300	6 1/4	W-1850-SPRT-1 1/4	1 1/4	41
21	6	600 x 9	4	4200	7 1/4	W-2160-SPRT-1 1/4	1 1/4	65

*Uses 1 1/4" bearing with T-bushings to span down to 1".

Pneumatic Rubber-Tired Wheels



#W-10-PR-3/4

Like an automobile tire, the low speed industrial pneumatic wheel uses air pressure to provide shock absorption, quiet operation, and ease of rolling over rough terrain. Models 8" through 16" (upper chart) are equipped with straight roller bearings, except #W-9-PR which has 5/8" ball bearings for hand truck use. The lower chart features 10" through 25" models having sealed precision tapered roller bearings for more demanding applications. Wheels are not intended for highway use.

QUALITY FEATURES

Demountable (bolted) hubs on all models except #W-9-PR, and #W-164-PR.

Heavy-duty hubs with anti-friction bearings.

Gray Non-Marking Tread is available as an option.



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PR Series Selection Table

Nom. Dia. ‡	Tire Size	Ply Rating (Load Range)	Max Air Infl. Lbs.	Load Cap. Lbs. †	Hub Length*	Hamilton Model No.	Bearing Sizes	Wt. Lbs.
8	2.80/2.50-4	4(B)	50	330	3	★ W-8-PR-	5/8-3/4-1	4 1/4
10	4.10/3.50-4	4(A)	50	320	2 1/4 offs.	★ W-9-PR-5/8	5/8 ball brg.	4 1/2
	3.40/3.00-5	4(B)	100	480	3	★ W-10-PR-	5/8-3/4-1	5 3/4
12	4.10/3.50-6	4(B)	50	625	3 1/4	★ W-12-PR-1	1	8 1/4
16	4.80-8	4(B)	60	960	4 3/4	★ W-164-PR-	1-1 1/4	11 1/2
WITH HEAVY DUTY SEALED TAPERED BEARINGS*								
10	3.40/3.00-5	4(B)	100	480	3 3/8	★ W-10-PRT-3/4	3/4	6
12	4.10/3.50-6	4(B)	50	625	4 3/8	★ W-12-PRT-	3/4-1	8 1/2
16	4.80-8	6(C)	90	1220	4 7/8, 4 1/2	★ W-166-PRT-	1-1 1/4	17
18	5.70-8	8(D)	115	1655	4 7/8, 4 1/2	★ W-188-PRT-	1-1 1/4	22
21	6.90-9	10(E)	125	2500	6 3/4	W-210-PRT-1 1/4	1 1/4	38
25	7.50-10	10(E)	100	3700	6 3/4	W-250-PRT-1 1/4	1 1/4	57

† Capacity ratings shown are based on Tire & Rim Association ratings for tires at maximum inflation and speeds of 5 m.p.h.

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

* Hub length dimension on wheels equipped with tapered bearings includes thrust spacers.

To order, add bearing size to Hamilton number.
Example: W-10-PR-3/4