

Plastex Wheels



#W-825-P-1

Fiber-filled phenolic resin, molded under extreme pressure, gives Hamilton *Plastex* Wheels the ability to carry heavy loads without damaging floors in intermittent service. They are non-marking, resist corrosion from oil, water, grease and commonly used acids or solvents, and will not spark. They can be operated continuously in temperatures ranging from -50° to 260° F and intermittently to 300° F.

Roller bearings are standard in all wheels (choice of straight or precision tapered roller bearings in most of the larger sizes). Tapered bearing wheels feature superior "anti-slip" installation: bearing cups are press-fit into the counterbored ends. All wheel sizes 5" and above (except 6" x 2½", 6" x 3" and 8" x 3") have ball-check pressure lubrication fittings.

Hi-Heat *Plastex* Wheels, designed to withstand continuous temperatures up to

475° F are shown in the chart below. NOTE: Because of their special high heat properties these wheels are more brittle than the standard compound, and not well suited for use over rough surfaces.

Laminated *Plastex* treads are newly featured and shown in the last chart below. Laminated treads are made from continuous phenolic impregnated fiber laminations that are wound over standard macerated centers. The end result is a much greater resistance to fraying, with up to 35% more impact strength and 25% more capacity.

OPTIONAL ACCESSORIES (more help on page 12)

- **Wheel Bearing Seals**
- **Special Hub Length**
 - hubs can be cut to provide shorter length, spacer washers furnished to increase length.
- **Spanner Bushings**
 - select from page 90.



★ = same day/next day **PRONTO®** shipment. **P Series Selection Table**

Dia.	Face	Hub Length	Cap. Lbs.	Plain Bore		Straight Roller Bearings		Tapered Roller Bearings		Wt. Lbs.
				Hamilton Model No.	Bore Sizes	Hamilton Model No.	Bearing Sizes	Hamilton Model No.	Bearing Sizes	
3	1¾	1⅞	550	★ W-310-PL-1⅜	1⅜	★ W-310-P-¾	¾	X	X	¾
3¼	1½†	1⅞	600	★ W-315-PL-1⅜	1⅜	★ W-315-P-	½-⅝-¾	X	X	1
	2†	2⅞	700	★ W-320-PL-1⅜	1⅜	★ W-320-P-	½-⅝-¾	X	X	1¼
4	1½	1⅞	600	★ W-415-PL-1⅜	1⅜	★ W-415-P-	½-⅝-¾	X	X	1¼
	2	2⅞	800	★ W-420-PL-1⅜	1⅜	★ W-420-P-	½-⅝-¾	X	X	1½
5	1½	1⅞	600	★ W-515-PL-1⅜	1⅜	★ W-515-P-	½-⅝-¾	X	X	1¼
	2	2⅞	1000	★ W-520-PL-	1⅜ or 1⅞	★ W-520-P-	½-⅝-¾-⅞-1	X	X	2
6	1½	1⅞	800	★ W-615-PL-1⅜	1⅜	★ W-615-P-	½-⅝-¾	X	X	1¾
	2	2⅞	1200	★ W-620-PL-	1⅜ or 1⅞	★ W-620-P-	½-⅝-¾-⅞-1	X	X	2¾
	2½†	3¼	1800	★ W-625-PL-1⅞	1⅞	★ W-625-P-	1-1¼	W-625-PT-	¾-1	4¾
8	3†	3¼	2000	★ W-630-PL-1⅞	1⅞	★ W-630-P-	1-1¼	W-630-PT-	¾-1	6½
	2	2⅞	1400	★ W-820-PL-	1⅜ or 1⅞	★ W-820-P-	½-⅝-¾-⅞-1	X	X	4¾
	2½	3¼	2000	★ W-825-PL-1⅞	1⅞	★ W-825-P-	1-1¼	W-825-PT-	¾-1	6¾
10	3†	3¼	3000	★ W-830-PL-1⅞	1⅞	★ W-830-P-	1-1¼	W-830-PT-	¾-1	8¾
	2½	3¼	2500	★ W-1025-PL-1⅞	1⅞	★ W-1025-P-	1-1¼	W-1025-PT-	¾-1	9¼
	3	3¼	2900	★ W-1030-PL-1⅞	1⅞	★ W-1030-P-	1-1¼	W-1030-PT-	¾-1	12¾
12	2½	3¼	3000	W-1225-PL-1⅞	1⅞	W-1225-P-	1-1¼	W-1225-PT-	¾-1	12¼
	3	3¼	3500	★ W-1230-PL-1⅞	1⅞	★ W-1230-P-	1-1¼	W-1230-PT-	¾-1	13
16	3½	4¼	4000	W-1235-PL-2⅞	2⅞	W-1235-P-	1¼-1½	W-1235-PT-	♣	20
	3	4¼	4000	W-1630-PL-	2⅞ or 2⅞	W-1630-P-	1-1¼-1½	W-1630-PT-	♣	25
	4	5¼	5000	W-1640-PL-2⅞	2⅞	W-1640-P-	1¼-1½	W-1640-PT-	♣	29

† Straight-sided wheel, no lube fitting. ♣ Precision tapered bearings for higher capacities available, consult factory.

FEATURED WHEEL BEARINGS



Straight Roller Bearing: traditional anti-friction bearing, best for manual applications where shock loading (but no side thrust) is prevalent.



Tapered Roller Bearings: best for most severe heavy duty and power-towed applications

To order, add bore or bearing size to Hamilton number. Example: W-825-P-1.

Additional non-stock sizes available in both hi-heat and laminated wheels, consult factory.

HI-HEAT PLASTEX WHEELS

4	1¼	1⅞	250	★ W-412-HHPL-½	½	W-412-HHP-	½-⅝	X	X	1¼
	2	2⅞	500	★ W-420-HHPL-1⅜	1⅜	★ W-420-HHP-	½-⅝-¾	X	X	1½
5	1¼	1⅞	300	★ W-512-HHPL-½	½	W-512-HHP-	½-⅝	X	X	1½
	2	2⅞	750	★ W-520-HHPL-1⅜	1⅜	★ W-520-HHP-	½-⅝-¾	X	X	1¾
6	2	2⅞	900	★ W-620-HHPL-1⅜	1⅜	★ W-620-HHP-	½-⅝-¾	X	X	2¾
8	2	2⅞	1100	★ W-820-HHPL-1⅜	1⅜	★ W-820-HHP-	½-⅝-¾	X	X	4¾
10	3	3¼	2400	★ W-1030-HHPL-1⅞	1⅞	★ W-1030-HHP-	1-1¼	W-1030-HHPT-	¾-1	12¾
12	3	3¼	2600	★ W-1230-HHPL-1⅞	1⅞	★ W-1230-HHP-	1-1¼	W-1230-HHPT-	¾-1	13

LAMINATED PLASTEX WHEELS

6	2	2⅞	1500	★ W-620-LPL-1⅜	1⅜ or 1⅞	★ W-620-LP-	½-⅝-¾	X	X	2¾
8	2	2⅞	1750	★ W-820-LPL-1⅜	1⅜ or 1⅞	★ W-820-LP-	½-⅝-¾	X	X	4¾
10	3	3¼	3600	★ W-1030-LPL-1⅞	1⅞	★ W-1030-LP-	1-1¼	W-1030-LPT-	¾-1	12¾
12	3	3¼	4400	★ W-1230-LPL-1⅞	1⅞	★ W-1230-LP-	1-1¼	W-1230-LPT-	¾-1	13