

Extra Heavy Automotive Wheels



These extra heavy wheels are designed to meet demanding automotive industry specifications and applications. Rubber or polyurethane (½" or 1") is chemically bonded to a heavy duty cast iron solid web center forming an extremely durable wheel. Durometer hardness of 95A is standard on the polyurethane tread while the hardness of 70A is standard on the rubber tread. Sealed tapered roller bearings are standard.

To order, add bearing size to Hamilton number.
Example: W-831-EHY-¾.

EHR/EHY Series Selection Table

Dia.	Face	Type	Hub Length	Tread Thickness	Cap. Lbs.	Tapered Roller Bearings		Wt. Lbs.
						Hamilton Model No.	Bearing Sizes	
8	3	Polyurethane	3¼	½	2500	W-830-EHY-	¾-1	19
		Polyurethane	3¼	1	3200	W-831-EHY-	¾-1	20
		M.O. Rubber	3¼	1	840	W-830-EHR-	¾-1	16
10	3	Polyurethane	3¼	½	3000	W-1030-EHY-	¾-1	25
		Polyurethane	3¼	1	3700	W-1031-EHY-	¾-1	27
	M.O. Rubber	3¼	1	1000	W-1030-EHR-	¾-1	22	
	Polyurethane	4¼	1	5000	W-1041-EHY-1¼	1¼	33	

#W-831-EHY-¾

♣ Thrust spacers add ¼" to overall hub length.

Polyplast™ Wheels



Hamilton's Polyplast™ Wheels, polyurethane on aluminum, come in two breeds. The 622 and 822 models are wheels made popular by automotive manufacturers across the country. The unique half-round or donut-type tread is combined with maintenance-free precision ball bearings to provide effortless rolling. A generous amount of polyurethane is bonded both mechanically and chemically to a large fin that extends from the center of the core providing excellent performance in the most demanding of applications. Engineers then specified a softer polyurethane with a durometer of 80 (Shore A) to ensure greater traction and to run quieter than traditional urethanes. The end result is a highly durable, easy-rolling, and quiet wheel that can last a lifetime with little or no maintenance required. This wheel design can be specified in additional durometers, colors, and sizes – consult factory. For casters equipped with these

wheels, see pages 42-53. The same wheel design is also available with a cast iron center and can accommodate a ¾" tapered bearing – consult factory.

The 620 and 820 models represent our traditional poly on aluminum wheels and come standard with a tread hardness of 90-95A. Straight roller bearings are standard in these models and red treads complement their appearance. For additional polyurethane wheels, see pages 72-77.



#W-822-AYB-½

#W-620-AY-¾



The Polyplast Series (AY) is backed by Hamilton's Three Year Product Warranty.



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

3YR = 3 Year Warranty applies

Dia.	Face	Hub Length	Wheel Contour	Bearing Type	Cap. Lbs.	Hamilton Model No.	Bearing Size	Wt. Lbs.
4	2	2¾	Donut	Prec. BB	300	★ W-422-AYB-½ ^{3YR}	½	2
6	2	2¾	Crown	Roller	1200	★ W-620-AY- ^{3YR}	½-¾-¾	2½
		2¾	Donut	Prec. BB	600	★ W-622-AYB-½ ^{3YR}	½	3
8	2	2¾	Crown	Roller	1500	★ W-820-AY- ^{3YR}	½-¾-¾	3¾
		2¾	Donut	Prec. BB	1000	★ W-822-AYB-½ ^{3YR}	½	5

To order, add bearing size to Hamilton number.
Example: W-822-AYB-½.