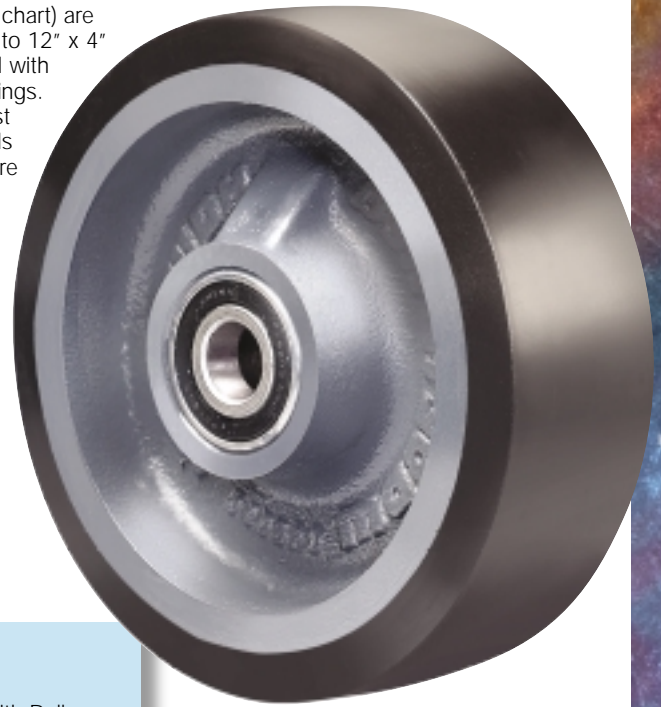


Are you looking for improved rollability and extra capacity in a resilient tread wheel? If so, Hamilton's new 70-Durometer polyurethane (Shore D) wheels will deliver. Because the polyurethane is harder than standard 95A poly, these wheels roll more easily and carry up to 30% more capacity! In addition, they effectively repel foreign objects and debris. Hamilton furnishes this new poly in two wheel configurations: ½" thick tread chemically bonded to cast iron centers (**Duralast® XC**) and 1" thick tread chemically bonded to forged steel centers (**Superlast® XC**).

Duralast® XC wheels (bottom chart) have precision ball bearings in all sizes from 4" x 2" to 12" x 3". In towing applications, Hamilton recommends precision tapered roller bearings which are available in all 3" wide models. These wheels can also be mounted in Hamilton's forged steel casters, including the popular **Workhorse**, **Heavy Service**, **Champion** and kingpin-less **Endurance** series.

Superlast® XC models (top chart) are offered in sizes from 8" x 3" to 12" x 4" and all models are equipped with precision tapered roller bearings. These are among the highest capacity polyurethane wheels on the market today. They are well suited for towing applications and can be used in many Hamilton forged steel caster series including **Maxi-Duty**, **Precision Super Duty**, and kingpin-less **Endurance** casters.



PHYSICAL PROPERTIES

Composition – high grade liquid cast polyurethane.

Hardness – 70 Durometer (Shore D).

10% Compression – 2600 psi.

Elongation at Break – 250%.

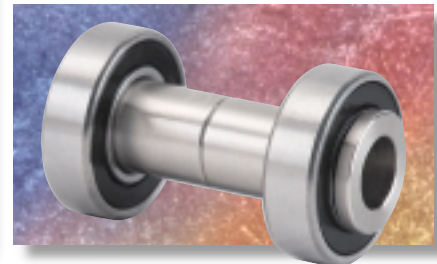
Tensile Strength – 7000 psi.

Tear Strength – Split Tear 130 lb./in., Die C Tear 800 lb./in.

Temperature Range – -50° to 180° F.

OPTIONAL EXTRAS

- Wheel Bearing Seals.
- Available Plain Bore or with Roller Bearings.
- Special Hub Length—hubs can be cut to provide shorter length, spacer washers furnished to increase length.
- Keyways, and/or set screws for locking wheels on shaft (plain bore).
- Other sizes are available on special order. Consult factory.



This double sealed precision ball bearing and top hat assembly provides superior rollability and reduced maintenance costs, (no greasing is required).

Superlast XC Wheels

Dimensions in Inches

Dia.	Face	Hub Length	Cap. Lbs.	Tapered Roller Bearings		Wt. Lbs.
				Catalog Number	Brg. Size	
8	3	3¼	4550	W-830-SYT70-	1-1¼-1½	26
10	4	4¼	6500	W-1040-SYT70-	1¼-1½	45
12	4	4¼	7800	W-1240-SYT70-	1¼-1½	60

To order, add bearing size to catalog number.

Example: W-620-DB70-½

Duralast XC Wheels

Dimensions in Inches

Dia.	Face	Hub Length	Cap. Lbs.	Precision Ball Bearings		Tapered Roller Bearings		Hub Outside Dia.	Wt. Lbs.
				Catalog Number	Brg. Size*	Catalog Number	Brg. Size		
4	2	2¼	975	W-420-DB70-½	½	X	X	1½	4
5	2	2¼	1360	W-520-DB70-½	½	X	X	2¼	4½
6	2	2¼	1560	W-620-DB70-½	½	X	X	2¼	5¼
	3	3¼	2860	W-630-DB70-¾	¾	W-630-DT70-¾	¾	2¾	12
8	2	2¼	1950	W-820-DB70-½	½	X	X	2¾	8¾
	3	3¼	3250	W-830-DB70-¾	¾	W-830-DT70-¾	¾	2¾	16¾
10	3	3¼	3900	W-1030-DB70-¾	¾	W-1030-DT70-¾	¾	3	20½
12	3	3¼	4550	W-1230-DB70-¾	¾	W-1230-DT70-¾	¾	3½	38

♣ Precision Ball Bearings include top hat spanners that add ¼" to the published hub length.

* The bearing size represents the inside diameter of the top hat bushing (included).

