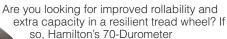
Duralast® XC/Superlast® XC Wheels



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- thus the suffix XC, as in eXtra Capacity! In addition, they effectively repel foreign objects and debris. Hamilton furnishes this new poly in two wheel configurations: 1/2" 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 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 kingpinless 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 kingpinless Super Endurance casters.

Hamilton

PHYSICAL PROPERTIES

- Composition
- high grade liquid cast polyurethane.
- Hardness 70 Durometer (Shore D).
- 10% Compression 2600 psi.

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

For help selecting the best polyurethane tread type for your application, see the Wheel Performance Characteristics chart on pages 18 & 19.

OPTIONAL EXTRAS (more help on page 12)

- Tapered Roller 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.



- Bashore Rebound 40%
- Elongation at Break 250%.
- Tensile Strength 7000 psi.
- Temperature Range -50° to 180° F.



Precision Ball Bearings: double sealed, maintenance free, superior rollability aids manual applications, not recommended if



best for most severe heavy duty and power-towed applications

FEATURED WHEEL BEARINGS



shock loading is prevalent. **Precision Tapered Roller Bearings:**

#W-1040-SYT70-11/4 Superlast® XC

#W-620-DB70-1/2

Duralast® XC

Example: W-620-DB70-1/2.

Hamilton number.

To order, add bearing size to

Superlast® XC Selection Table

3YR = 3 Year Warranty applies

	Face	Hub Length	Cap. Lbs.	Tapered Roller Be		
Dia.				Hamilton Model No.	Brg. Size	Wt. Lbs.
8	3	31/4	4400	W-830-SYT70- 3YR	34-1-114	26
10	4	41⁄4	6500	W-1040-SYT70- 3YR	11/4-11/2	45
12	4	41/4	7800	W-1240-SYT70- 3YR	11/4-11/2	60

THREE YEAR WARRANTY



The Duralast XC (D70) and Superlast XC (SY70) Series are backed by Hamilton's Three Year Product Warranty.

casterdepot.com



3YR = 3 Year Warranty applies

			7	Precision Ball Bearings		Tapered Roller Bearings		Hub	
Dia.	Face	Hub Length ♠	Cap. Lbs.	Hamilton Model No.	Brg. Size*	Hamilton Model No.	Brg. Size	Outside Dia.	Wt. Lbs.
4	2	21/4	975	★W-420-DB70-½ ^{3YR}	1/2	Х	Χ	1%	4
5	2	21/4	1360	★W-520-DB70-½ ^{3YR}	1/2	W-520-DT70-¾ 3YR	3/4	21/4	4½
6	2	21/4	1560	★ W-620-DB70- 3YR	1/2-3/4	W-620-DT70-¾ 3YR	3/4	21/4	5¾
	3	31/4	2860	★W-630-DB70-¾ ^{3YR}	3/4	W-630-DT70- 3YR	34-1-114	2¾	12
8	2	21/4	1950	★ W-820-DB70- 3YR	1/2-3/4	W-820-DT70-¾ 3YR	3/4	2¾	8¾
	3	31/4	3250	★W-830-DB70-¾ ^{3YR}	3/4	W-830-DT70- 3YR	34-1-114	2¾	16¾
10	3	31/4	3900	★W-1030-DB70-¾ ^{3YR}	3/4	W-1030-DT70- 3YR	34-1-114	3	20½
12	3	31/4	4550	W-1230-DB70-¾ 3YR	3/4	W-1230-DT70- 3YR	34-1-114	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).