

Duralast® Wheels

Series D — Cap. to 9,000 lbs.



Duralast®—the protective wheel that wears like steel—is Hamilton’s highest quality urethane, liquid cast to a thickness of approximately ½” and chemically bonded onto heavy-duty iron wheel centers. The distinctive green treads are chemically inert, non-sparking, non-conductive, impervious to ozone, grease and most oil & solvents, and will not mark floors.

Duralast® Wheels are also guaranteed against tread separation for one year in ordinary free-wheeling applications (contact factory for excepted applications). They are available without bearings, with straight roller bearings, precision ball bearings, or with precision tapered bearings as listed below. All wheel sizes with straight and tapered roller bearings over 5” diameter include ball-check lubrication fittings in the hub. For even higher capacity applications or for corrosive conditions, see the **Superlast®** Wheels on page 62.

To order, add bore or bearing size to catalog number.
Example: W-830-D-1.

Not all sizes have solid web center – see chart.

PHYSICAL PROPERTIES

- Composition** – High grade liquid cast polyurethane.
- Hardness** – 90-95 Durometer (Shore A).
- Elongation at Break** – 430%.
- Tensile Strength** – 7000-7400 psi.
- Tear Strength** – 700 pli. (DIE C).
- Abrasion Resistance** – 5-10 times ordinary rubber.
- Temperature Range** – -50° to +200°F intermittent; 0° to 180°F continuous. Not damaged by occasional steam cleaning.

OPTIONAL EXTRAS

- Extra hard (70D) urethanes available for higher capacities, consult factory
- Wheel Bearing Seals – see pg.18.
- Keyways, and/or set screws, for locking wheels on shaft – see pg. 18
- Special Hub Length – hubs can be cut to provide shorter length, “spacer” washers furnished to increase length.
- Spanner Bushings – select from pg. 77.

★ = available **PRONTO®** with bore or bearing size in red.

Dimensions in Inches

Dia.	Face	Hub Length	Cap. Lbs.	Plain Bore		Straight Roller Bearings		Precision Ball Bearings†		Tapered Roller Bearings		Hub Outside Dia.	Wt. Lbs.
				Catalog Number	Bore Sizes	Catalog Number	Bearing Sizes	Catalog Number	Bearing Sizes*	Catalog Number	Bearing Sizes		
3 1/4	1 1/2	1 5/8	475	★W-315-DL-1 3/16★	1 3/8	★W-315-D-	1/2-5/8-3/4	X	X	X	X	1 1/4	1 1/4
	2	2 1/4	575	★W-320-DL-1 3/16★	1 3/8	★W-320-D-	1/2-5/8-3/4	X	X	X	X	1 1/4	2 1/2
4	1 1/2	1 5/8	675	★W-415-DL-1 3/16	1 3/8	★W-415-D-	1/2-5/8-3/4	X	X	X	X	1 1/8	2 1/2
	2	2 1/4	750	★W-420-DL-	1 3/8 or 1 7/8	★W-420-D-	1/2-5/8-3/4-1	★W-420-DB-1/2	1/2	X	X	1 1/8	4
5	1 1/2	1 5/8	700	★W-515-DL-1 3/16	1 3/8	★W-515-D-	1/2-5/8-3/4	W-515-DB-1/2	1/2	X	X	1 1/2	3
	2	2 1/4	1050	★W-520-DL-	1 3/8 or 1 7/8	★W-520-D-	1/2-5/8-3/4-1	★W-520-DB-1/2	1/2	★W-520-DT-3/4	3/4	2 1/4	4 1/2
	2 1/2	2 3/4	1300	W-525-DL-1 15/16	1 5/8	W-525-D-	1-1 1/4	X	X	X	X	2 5/8	6
6	1 1/2	1 3/4	850	★W-615-DL-1 3/16	1 3/8	★W-615-D-	1/2-5/8-3/4	W-615-DB-1/2	1/2	W-615-DT-3/4	3/4	2 1/4	4 1/2
	2	2 1/4	1200	★W-620-DL-	1 3/8 or 1 7/8	★W-620-D-	1/2-5/8-3/4-1	★W-620-DB-	1/2-3/4	★W-620-DT-3/4	3/4	2 1/4	5 3/4
	2 1/2	3 1/4	1600	★W-625-DL-1 15/16	1 5/8	★W-625-D-	1-1 1/4	W-625-DB-3/4	3/4	W-625-DT-	3/4-1-1 1/4	2 3/4	10 1/4
	3	3 1/4	2200	★W-630-DL-1 15/16	1 5/8	★W-630-D-	1-1 1/4	★W-630-DB-3/4	3/4	★W-630-DT-	3/4-1-1 1/4	2 3/4	12
7	2	2 1/4	1400	★W-720-DL-	1 3/8 or 1 7/8	W-720-D-	5/8-3/4-1	W-720-DB-1/2	1/2	W-720-DT-3/4	3/4	2 1/4	7
	2	2 1/4	1500	★W-820-DL-	1 3/8 or 1 7/8	★W-820-D-	1/2-5/8-3/4-1	★W-820-DB-	1/2-3/4	★W-820-DT-3/4	3/4	2 3/8	8 3/4
	2 1/2	3 1/4	2000	★W-825-DL-1 15/16	1 5/8	★W-825-D-	1-1 1/4	W-825-DB-3/4	3/4	W-825-DT-	3/4-1-1 1/4	2 3/4	16
	3	3 1/4	2500	★W-830-DL-	1 5/8 or 2 3/8	★W-830-D-	1-1 1/4	★W-830-DB-3/4	3/4	★W-830-DT-	3/4-1-1 1/4	2 3/4	16 1/4
8	4	4 1/4	3200	W-840-DL-1 15/16	1 5/8	W-840-D-	1-1 1/4	X	X	X	X	2 3/4	17
	2 1/2	3 1/4	2500	★W-1025-DL-1 15/16	1 5/8	★W-1025-D-	1-1 1/4	W-1025-DB-3/4	3/4	W-1025-DT-	3/4-1-1 1/4	2 3/4	15
	3	3 1/4	3000	★W-1030-DL-	1 5/8 or 2 1/8	★W-1030-D-	1-1 1/4-1 1/2	★W-1030-DB-3/4	3/4	★W-1030-DT-	3/4-1-1 1/4	3	20 1/2
	5	5 1/4	5000	W-1050-DL-2 1/8	2 1/8	W-1050-D-	1 1/4-1 1/2	X	X	W-1050-DT-1 1/4	1 1/4	2 5/8	45
10	2 1/2	3 1/4	2800	★W-1225-DL-	2 3/8 or 2 1/8	W-1225-D-	1-1 1/4-1 1/2	X	X	W-1225-DT-	3/4-1-1 1/4	3 1/2	33
	3	3 1/4	3500	★W-1230-DL-	2 3/8 or 2 1/8	★W-1230-D-	1-1 1/4-1 1/2	★W-1230-DB-3/4	3/4	★W-1230-DT-	3/4-1-1 1/4	3 1/2	38
	4	4 1/4	4800	★W-1240-DL-	2 3/8 or 2 1/8	W-1240-D-	1-1 1/4-1 1/2	X	X	W-1240-DT-	1-1 1/4-1 1/2	3 3/8	43
	5	5 1/4	6200	W-1250-DL-2 1/8	2 1/8	W-1250-D-	1 1/4-1 1/2	X	X	W-1250-DT-	1 1/4-1 1/2	4	54
	5	5 1/4	6000	W-1251-DL-2 1/8	2 1/8	W-1251-D-	1 1/4-1 1/2	X	X	W-1251-DT-1 1/4	1 1/4	3 3/8	55
14	5 1/2	5 1/4	5500	W-1450-DL-2 1/8	2 1/8	W-1450-D-	1 1/4-1 1/2	X	X	W-1450-DT-	1 1/4-1 1/2	4	64
	3	3 1/4	3750	★W-1630-DL-	2 3/8 or 2 1/8	W-1630-D-	1-1 1/4-1 1/2	X	X	W-1630-DT-	1-1 1/4	3 1/4	32
	4	4 1/4	5500	★W-1640-DL-	2 3/8 or 2 1/8	W-1640-D-	1-1 1/4-1 1/2	X	X	W-1640-DT-1 1/4	1 1/4	3 3/8	60
16	5	5 1/4	7700	W-1650-DL-	2 1/8-3 1/8-3 1/4	W-1650-D-	1 1/2-1 3/4-2	X	X	W-1650-DT-	1 1/4-1 1/2	4 3/8	79
	5	5 1/4	8400	W-1850-DL-	2 1/8-3 1/8-3 1/4	W-1850-D-	1 1/2-1 3/4-2	X	X	W-1850-DT-	1 1/4-1 1/2	4 1/4	89
	6	6 1/2	7500	W-1860-DL-3 1/8	3 1/8	W-1860-D-1 3/4	1 3/4	X	X	W-1860-DT-	1 1/4-1 1/2-2	5 1/2	140
20	5	5 1/4	9000	W-2050-DL-	2 1/8-3 1/8-3 1/4	W-2050-D-	1 1/2-1 3/4-2	X	X	W-2050-DT-	1 1/4-1 1/2	4 1/4	101

‡ These wheels are spoke-type; all others are solid-web.
† Indicates 1" thick polyurethane tread.
* Sintered Iron Center.

‡ Precision Ball Bearings include top hat spanners that add 1/4" to the published hub length.
* The bearing size represents the inside diameter of the top hat spanners (included).