

Forged Steel Wheels



Forging technology produces the ultimate tensile strength in industrial wheels. Coupled with solid billet design, this makes Hamilton Forged Steel Wheels virtually indestructible. Consequently, load limits are governed by bearing capacity.

Wheel treads are machined smooth and concentric, with a slight crown that lessens energy requirements by aiding turnability under heavy loads. All sizes above 5" x 2" are available with precision tapered roller bearings in order to realize maximum benefits from the capacity potentials. All wheels listed below come with a new clearcoat finish, and all wheels 5" and above have ball-check lubrication fittings installed in the hubs.

Flanged and V-Grooved wheels of forged steel are also available—see catalog pages 68-71.

FEATURED WHEEL BEARINGS



Precision Ball Bearings: double sealed, maintenance free, superior rollability aids manual applications, not recommended if shock loading is prevalent.



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



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

To order, add bearing size to catalog number.
Example: W-840-FST-1¼.



The FS & SY Series are backed by Hamilton's Three Year Product Warranty. Refer to selection table for qualifying wheels.

★ = same day/next day **PRONTO®** shipment.

FS Series Selection Table

3YR = 3 Year Warranty applies

Bearing Selection Chart															
Dia.	Face	Hub Length	Plain Bore			Straight Roller Bearings			Precision Ball Bearings			Tapered Roller Bearings			
			Cap. Lbs.	Hamilton Model No.	Bore Size	Cap. Lbs.	Hamilton Model No.	Bearing Sizes	Cap. Lbs.	Hamilton Model No.	Brg. Size	Cap. Lbs.	Hamilton Model No.	Bearing Sizes	Wt. Lbs.
4	1½	2¼	1400	★ W-415-FSL-1¾	1¾	1400	★ W-415-FS-	½-¾-¾	1400	W-415-FSB-½ 3YR	½	X	X	X	5
5	2	2¼	2000	★ W-5-FSL-1¾	1¾	1500	★ W-5-FS-	½-¾-¾	2000	W-5-FSB-½ 3YR	½	2000	W-5-FST-½ 3YR	½	6
6	2	2¼	2500	★ W-6-FSL-1¾	1¾	2000	★ W-6-FS-	¾-¾-1	2500	★ W-6-FSB-½ 3YR	½	2500	W-6-FST-½ 3YR	½	7
	2½	3¼	4500	★ W-625-FSL-1¾	1½	3500	★ W-625-FSH-	1-1¼	3500	★ W-625-FSB-¾ 3YR	¾	4500	W-625-FST-¾ 3YR	¾-1	10
8	3	3¼	12,000	★ W-630-FSL-2¾	2¾	6000	★ W-630-FSH-	1-1¼-1½	7000	★ W-630-FSB-¾ 3YR	¾	12,000	★ W-630-FST-¾ 3YR	¾-1-1¼	20
	3	3¼	14,000	★ W-830-FSL-2¾	2¾	6000	★ W-830-FSH-	1-1¼-1½	7000	★ W-830-FSB-¾ 3YR	¾	14,000	★ W-830-FST-¾ 3YR	¾-1-1¼	27
10	4	4¼	17,000	W-840-FSL-2¾	2¾	6500	W-840-FSH-	1¼-1½	X	X	X	17,000	★ W-840-FST-¾ 3YR	1¼-1½	35
	3	3¼	6500	★ W-1030-FSL-2¾	2¾	6000	★ W-1030-FSH-	1-1¼-1½	6500	★ W-1030-FSB-¾ 3YR	¾	6500	★ W-1030-FST-¾ 3YR	¾-1-1¼	27
12*	4	4¼	18,000	W-1040-FSL-2¾	2¾	7500	W-1040-FSH-	1¼-1½	X	X	X	18,000	★ W-1040-FST-¾ 3YR	1¼-1½	44
	4	4¼	23,000	W-1240-FSL-2¾	2¾	7500	W-1240-FSH-	1¼-1½	X	X	X	23,000	W-1240-FST-¾ 3YR	1¼-1½	130

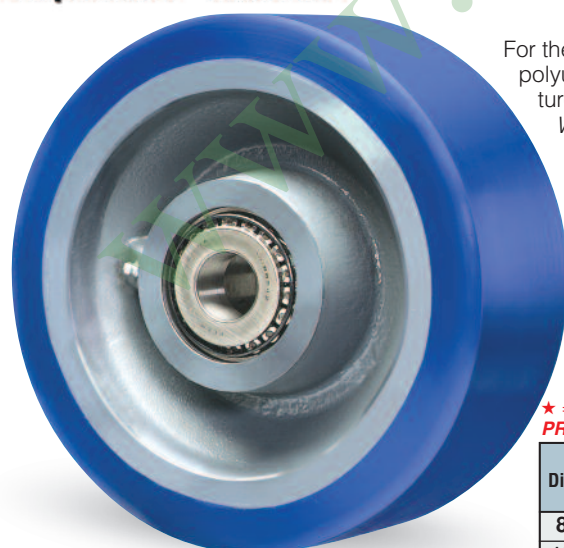
✦ Based on 1400 hours of bearing life at 1 m.p.h., or 610 hours of life at 2 m.p.h. using largest bearing size. Bearing capacities depend upon the interrelationships of load, speed and life—e.g., load can be increased 50% if designing for only 500 hours of life at 2 m.p.h.; or load can be increased approximately 1000 lbs. by reducing speed to 1 m.p.h. Other rules of thumb: reducing load by one half increases life by ten times; reducing speed by one half doubles the life.

✧ Based on largest bearing size and 2500 hours of life at 2 m.p.h.

* This wheel is of 1045 steel.

Series SY Capacity Range 3,500 – 6,000 lbs.

Superlast® Wheels



For the extra tough jobs requiring protective polyurethane treads, Hamilton manufactures these top-of-the-line *Superlast®* Wheels. The extra-thick (1") blue treads (hardness of 90-95 Shore A) are liquid cast and chemically bonded to solid-web, drop forged steel centers. Precision tapered roller bearings

are standard, making these high capacity wheels ideal for power towing at limited speeds. Ball-check lubrication fittings are provided in the hubs.

For casters utilizing these wheels, see pages 22, 23, and 24.



To order, add bearing size to catalog number.
Example: W-1040-SYT-1¼.

★ = same day/next day **PRONTO®** shipment.

SY Series Selection Table

3YR = 3 Year Warranty applies

Dia.	Face	Hub Length	Cap. Lbs.	Plain Bore		Straight Roller Bearings		Tapered Roller Bearings		Wt. Lbs.
				Hamilton Model No.	Bore Size	Hamilton Model No.	Bearing Sizes	Hamilton Model No.	Bearing Sizes	
8	3	3¼	3500	★ W-830-SYL-2¾	2¾	★ W-830-SYH-	1-1¼-1½	★ W-830-SYT-¾ 3YR	¾-1-1¼	26
10	4	4¼	5000	★ W-1040-SYL-2¾	2¾	★ W-1040-SYH-	1¼-1½	★ W-1040-SYT-¾ 3YR	1¼-1½	45
12	4	4¼	6000	★ W-1240-SYL-2¾	2¾	★ W-1240-SYH-	1¼-1½	★ W-1240-SYT-¾ 3YR	1¼-1½	60

HAMILTON®**Nylast™ Wheels**

Hamilton introduces the new *Nylast™ Wheel* made from solid cast high performance nylon. *Nylast™* is of cast nylon, and has superior impact strength and resilience compared to conventional injection-molded nylon wheels. The Hamilton *Nylast™* material is also specially formulated with finely divided particles of molybdenum disulphide (MoS₂) to enhance its load bearing capability while maintaining the impact resistance inherent to nylon.

Other key properties of *Nylast™* include resistance to moisture and chemicals plus floor protection resulting in a wheel well-suited for corrosive environments or applications where sanitary conditions are important. The face, sides, and bore of all *Nylast™ Wheels* are CNC-machined to tight tolerances to ensure a consistent, quality product.

The chart at right offers our most popular sizes, but the new *Nylast™ Wheel* can also be cast & CNC-machined to sizes ranging from diameters: 2-1/2–18" and widths: 1–5". Consult the factory for pricing and availability.

PHYSICAL PROPERTIES

- **Composition** – High performance black MoS₂ cast nylon.
- **Hardness** – 85 Shore D.
- **Tensile Strength** – 11,000 psi.
- **Compressive Strength** – (10% deformation) 14,000 psi.
- **Temperature Range** – -30° to + 220°F continuous, melting point: 420° F.



★ = same day/next day
PRONTO® shipment.

NY Series Selection Table

Dia.	Face	Hub Lgth.	Cap. Lbs.	Precision Ball Bearings		Stainless Stl. Prec. B. Bearings		Wt. Lbs.
				Hamilton Model No.	Bearing Size	Hamilton Model No.	Bearing Size	
4	2	2 1/4	2000	★ W-420-NYB-1/2	1/2	★ W-420-NYBS-1/2	1/2	4
	2	2 1/4	2300	★ W-620-NYB-1/2	1/2	★ W-620-NYBS-1/2	1/2	6
6	3	3 1/4	5400	★ W-630-NYB-	3/4-1-1/4	X	X	8
	2	2 1/4	2500	★ W-820-NYB-1/2	1/2	★ W-820-NYBS-1/2	1/2	8
8	3	3 1/4	7200	★ W-830-NYB-	3/4-1-1/4	X	X	9

✦ Based on largest bearing size.



Precision Ball Bearings (B)



Stainless Steel Precision Ball Bearings (BS)

HAMILTON®**Series POR/POY Capacity Range 2,540 – 14,400 lbs.****OPTIONAL EXTRAS**

- **Special Treads** – Non-Skid tread (slots in tread as shown at right) is available on rubber-tired wheels. Most polyurethane tires are available with a grooved tread.



Extra-thick, extra-wide rubber or urethane tread wheels are available in a variety of popular sizes for use on industrial trailers and wagons in the 5-ton class and up. The solid tires are chemically bonded to replaceable steel rims, which are "pressed on" to a heavy-duty cast iron center. Both rubber and polyurethane wheels feature a smooth tread design and sealed tapered roller bearings are standard.

POR/POY Series Selection Table

Dia.	Face	Rim Dia.	Capacity (6 mph)		Capacity (10 mph)		Tapered Roller Bearings			Wt. Lbs.
			Rubber	Poly	Rubber	Poly	Hub Length	Hamilton Model No.✶	Bearing Sizes	
15	5	11 1/4	2850	4380	2540	3880	5 1/2	W-POR-1550-	1 1/4-1 1/2	103
	6		3530	5440	3150	4800	6 1/2	W-POR-1560-	1 1/4-1 1/2	108
	7		4210	6480	3770	5730	6 1/2	W-POR-1570-	1 1/4-1 1/2	114
	8		4890	7530	4380	6650	8 1/2	W-POR-1580-	1 3/4-2	198
	9		5370	8700	4750	7700	8 1/2	W-POR-1590-	1 3/4-2	200
16 1/4	5	12 1/2	3120	4800	2760	4250	5 1/2	W-POR-1650-	1 1/4-1 1/2	107
	6		3900	6050	3470	5360	6 1/2	W-POR-1660-	1 1/4-1 1/2	114
	7		4740	7300	4190	6450	6 1/2	W-POR-1670-	1 1/4-1 1/2	122
18	5	12 1/2	3360	5770	2980	4590	5 1/2	W-POR-1850-	1 1/4-1 1/2	145
	6		4290	6610	3800	5850	6 1/2	W-POR-1860-	1 1/4-1 1/2	153
	7		5220	8040	4620	7110	6 1/2	W-POR-1870-	1 1/4-1 1/2	162
	8		6150	9470	5450	8380	8 1/2	W-POR-1880-	1 3/4-2	225
	9		7080	10900	6280	9660	8 1/2	W-POR-1890-	1 3/4-2	234
20	5	16	3100	5480	2750	4850	5 1/2	W-POR-2050-	1 3/4-2	211
	6		4440	6840	3920	6040	6 1/2	W-POR-2060-	1 3/4-2	217
	7		5290	8160	4680	7210	6 1/2	W-POR-2070-	1 3/4-2	225
	8		6170	9500	5440	8410	8 1/2	W-POR-2080-	1 3/4-2	328
	9		6575	10800	5820	9560	9 1/2	W-POR-2090-	1 3/4-2	335
	7		6080	9360	5380	8290	6 1/2	W-POR-2270-	1 3/4-2	239
22	8	10	7170	11040	6340	9760	8 1/2	W-POR-2280-	1 3/4-2	342
	9		9325	14400	8260	12740	9 1/2	W-POR-2210-	1 3/4-2	367

✶ Does not include spacers/thrust washers which add approximately 1/4" to hub length.

✶ Catalog number shown is for rubber tread; to order polyurethane change "POR" to "POY".

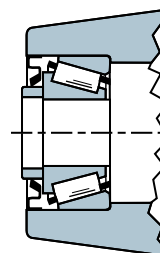
Press-On Tired Wheels

Additional non-stock sizes are available, consult factory.

To order, add bearing size to Hamilton number.

Example: W-POR-1890-2

(For polyurethane tread change "POR" to "POY")



Sealed bearing configuration

Duralast® XC/Superlast® XC Wheels



#W-620-DB70-1/2
Duralast® XC

Are you looking for improved rollability and extra capacity in a resilient tread wheel? If so, Hamilton's 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- 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 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 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.

PHYSICAL PROPERTIES

- **Composition**
– high grade liquid cast polyurethane.
- **Hardness** – 70 Durometer (Shore D).
- **Bashore Rebound** – 40%.
- **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.

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.



#W-1040-SYT70-1 1/4
Superlast® XC

FEATURED WHEEL BEARINGS



Precision Ball Bearings: double sealed, maintenance free, superior rollability aids manual applications, not recommended if shock loading is prevalent.



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

To order, add bearing size to Hamilton number.
Example: W-620-DB70-1/2.

Superlast® XC Selection Table

3YR = 3 Year Warranty applies

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

THREE YEAR WARRANTY



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

Duralast® XC Selection Table

3YR = 3 Year Warranty applies

Dia.	Face	Hub Length	Cap. Lbs.	Precision Ball Bearings		Tapered Roller Bearings		Hub Outside Dia.	Wt. Lbs.
				Hamilton Model No.	Brg. Size*	Hamilton Model No.	Brg. Size		
4	2	2 1/4	975	★ W-420-DB70-1/2 3YR	1/2	X	X	1 1/8	4
5	2	2 1/4	1360	★ W-520-DB70-1/2 3YR	1/2	W-520-DT70-3/4 3YR	3/4	2 1/4	4 1/2
6	2	2 1/4	1560	★ W-620-DB70-3/4 3YR	1/2-3/4	W-620-DT70-3/4 3YR	3/4	2 1/4	5 3/4
	3	3 1/4	2860	★ W-630-DB70-3/4 3YR	3/4	W-630-DT70-3/4 3YR	3/4-1-1 1/4	2 3/4	12
8	2	2 1/4	1950	★ W-820-DB70-3/4 3YR	1/2-3/4	W-820-DT70-3/4 3YR	3/4	2 3/8	8 3/4
	3	3 1/4	3250	★ W-830-DB70-3/4 3YR	3/4	W-830-DT70-3/4 3YR	3/4-1-1 1/4	2 3/4	16 3/4
10	3	3 1/4	3900	★ W-1030-DB70-3/4 3YR	3/4	W-1030-DT70-3/4 3YR	3/4-1-1 1/4	3	20 1/2
12	3	3 1/4	4550	W-1230-DB70-3/4 3YR	3/4	W-1230-DT70-3/4 3YR	3/4-1-1 1/4	3 1/2	38

♣ 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 bushing (included).

OPTIONAL EXTRAS (more help on page 12)

- **Wheel Bearing Seals.**
- **Keyways, and/or set screws**
– for locking wheels on shaft (plain bore).
- **Special Hub Length**
– hubs can be cut to provide shorter length, spacer washers furnished to increase length.
- **Spanner Bushings**
– select from page 90.
- **Extra hard (70D) urethanes available for higher capacities**
– Consult factory.

PHYSICAL PROPERTIES

- **Composition**
– high grade liquid cast polyurethane.
- **Hardness** – 90-95 Durometer (Shore A).
- **Bashore Rebound** – 29%.
- **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.

Duralast® — the protective wheel that wears like steel — is 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 72.

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



#W-620-DB-¾"



★ = same day/next day PRONTO® shipment.

D Series Selection Table

3YR = 3 Year Warranty applies

Dia.	Face	Hub. Length	Cap. Lbs.	Plain Bore		Straight Roller Bearings		Precision Ball Bearings		Tapered Roller Bearings		Hub Outside Dia.	Wt. Lbs.
				Hamilton Model No.	Bore Sizes	Hamilton Model No.	Bearing Sizes	Hamilton Model No.	Bearing Sizes*	Hamilton Model No.	Bearing Sizes		
3 1/4	1 1/2	1 3/4	475	★W-315-DL-1 3/8	1 3/8	★W-315-D	1/2-5/8-3/4	X	X	X	X	1 3/4	1 3/4
	2	2 1/4	575	★W-320-DL-1 3/8	1 3/8	★W-320-D	1/2-5/8-3/4	X	X	X	X	1 3/4	2 1/2
4	1 1/2	1 3/4	675	★W-415-DL-1 3/8	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 1/2	★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 3/4	700	★W-515-DL-1 3/8	1 3/8	★W-515-D	1/2-5/8-3/4	W-515-DB-1/2	1/2	X	X	2 1/4	3
	2	2 1/4	1050	★W-520-DL-	1 3/8 or 1 1/2	★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
6	2 1/2	2 3/4	1300	★W-525-DL-1 1/2	1 1/2	W-525-D	1-1 1/4	X	X	X	X	2 5/8	6
	1 1/2	1 3/4	850	★W-615-DL-1 3/8	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
6	2	2 1/4	1200	★W-620-DL-	1 3/8 or 1 1/2	★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 1/4
	2 1/2	3 1/4	1600	★W-625-DL-1 1/2	1 1/2	★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
7	3	3 1/4	2200	★W-630-DL-1 1/2	1 1/2	★W-630-D	1-1 1/4	★W-630-DB-	3/4-1	★W-630-DT-	3/4-1-1 1/4	2 3/4	12
	2	2 1/4	1400	★W-720-DL-	1 3/8 or 1 1/2	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
8	2	2 1/4	1500	★W-820-DL-	1 3/8 or 1 1/2	★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 1/2	1 1/2	★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
8	3	3 1/4	2500	★W-830-DL-	1 1/2 or 2 3/8	★W-830-D	1-1 1/4	★W-830-DB-	3/4-1	★W-830-DT-	3/4-1-1 1/4	2 3/4	16 3/4
	4	4 1/4	3200	★W-840-DL-1 1/2	1 1/2	W-840-D	1-1 1/4	X	X	X	X	2 3/4	17
10	2 1/2	3 1/4	2500	★W-1025-DL-1 1/2	1 1/2	★W-1025-D	1-1 1/4	★W-1025-DB-3/4	3/4	W-1025-DT-	3/4-1-1 1/4	3	15
	3	3 1/4	3000	★W-1030-DL-	1 1/2 or 2 3/8	★W-1030-D	1-1 1/4-1 1/2	★W-1030-DB-	3/4-1	★W-1030-DT-	3/4-1-1 1/4	3	20 1/2
10	5	5 1/4	5000	★W-1050-DL-2 1/2	2 1/2	W-1050-D	1 1/4-1 1/2	X	X	W-1050-DT-1 1/4	1 1/4	3 1/4	45
	2 1/2	3 1/4	2800	★W-1225-DL-	1 1/2 or 2 3/8	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
12	3	3 1/4	3500	★W-1230-DL-	1 1/2 or 2 3/8	★W-1230-D	1-1 1/4-1 1/2	★W-1230-DB-	3/4-1	★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 1/2	W-1240-D	1-1 1/4-1 1/2	X	X	★W-1240-DT-	1-1 1/4-1 1/2	3 3/4	43
12	5*	5 1/4	6200	★W-1250-DL-2 1/2	2 1/2	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 1/2	2 1/2	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*	5 1/4	5500	★W-1450-DL-2 1/2	2 1/2	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 1/2	W-1630-D	1-1 1/4-1 1/2	X	X	W-1630-DT-	1-1 1/4	3 1/4	32
16	4	4 1/4	5500	★W-1640-DL-	2 3/8 or 2 1/2	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
	5*	5 1/4	7700	★W-1650-DL-	2 1/2-3 1/8-3 1/4	W-1650-D	1 1/2-1 1/4-2	X	X	W-1650-DT-	1 1/4-1 1/2	4 1/4	79
18	5*	5 1/4	8400	★W-1850-DL-	2 1/2-3 1/8-3 1/4	W-1850-D	1 1/2-1 1/4-2	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 1/4	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 1/2-3 1/8-3 1/4	W-2050-D	1 1/2-1 1/4-2	X	X	W-2050-DT-	1 1/4-1 1/2	4 1/4	101

▲ 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 spanners (included).

† These wheels are spoke-type; all others are solid-web.

‡ Indicates 1" thick polyurethane tread.



Not all sizes have solid web center – see chart.

To order, add bore or bearing size to Hamilton number. Example: W-620-DB-1/2.

Ultralast™ & Super Ultralast™ Wheels



#W-820-TRB-1/2
Ultralast™

Hamilton is proud to introduce the new *Ultralast™* Wheel – representing the highest performing urethane we've ever offered. The new *Ultralast™* Wheel possesses "off the chart" performance characteristics—specifically in the areas of thermal retention and rollability. Heat buildup in polyurethane, due to high loads or continuous duty applications, is the most common cause for material breakdown over the life of the wheel. *Ultralast™* polyurethane operates much cooler under load and at higher speeds compared to most other urethanes. The result is a simply superior dynamic performance and a longer service life.

Ultralast™ also represents the best rolling polyurethane wheel we've ever offered and by a wide margin. For example, the urethane's rebound test results, which can be a proxy for rollability, measures 110% higher than *Duralast®*, 60% higher than *PolySoft®* and 20% higher than *Vulkollan®*.

So the combination of *Ultralast™*'s very low thermal retention and extremely high rollability characteristics results in an ultra high performance wheel that's designed to outperform and outlast other polyurethanes in the marketplace.

Hamilton recommends *Ultralast™* wheels for continuous duty/power-towed, and higher speed applications on smooth surfaces.

The *Ultralast™* Wheel Series is offered in two types: The standard *Ultralast™* wheel has 3/8" thick red tread chemically bonded to gray heavy duty cast iron center. The *Super Ultralast™* is the ultimate with 1" extra thick tread molded to a super heavy duty forged steel center. *Ultralast™* and *Super Ultralast™* wheels are available in Hamilton's forged steel casters including the popular Workhorse, Heavy Service, Extra Heavy Duty, Kingpin-less Endurance Series, and many more.

The tables below offer our most popular sizes, yet the new *Ultralast™* polyurethane can be molded to Hamilton's other cast iron, forged steel, and/or aluminum centers in finished sizes ranging from 3 1/4" to 20" diameter. Consult factory for pricing and availability.

Note: Test data illustrates the *Ultralast™* wheel dynamics are equivalent to or superior to *Vulkollan®*.

Vulkollan® is a registered trademark of Bayer Material Science.

PHYSICAL PROPERTIES

- **Composition** – high performance liquid cast polyurethane.
- **Hardness** – 93-94 Durometer (Shore A).
- **Bashore Rebound** – 57%.
- **Elongation at Break** – 550%.
- **Tensile Strength** – 6500 psi.
- **Temperature Range** – -50° to +200° F, intermittent; 0° to 180° continuous.

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

THREE YEAR WARRANTY



The *Ultralast™* (TR) and *Super Ultralast™* (STR) Series are backed by Hamilton's Three Year Product Warranty.



#W-1040-STRT-1 1/4
Super Ultralast™



FEATURED WHEEL BEARINGS



Precision Ball Bearings: double sealed, maintenance free, superior rollability aids manual applications, not recommended if shock loading is prevalent.



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

To order, add bearing size to Hamilton number.
Example: W-820-TRB-1/2.

Super Ultralast™ Selection Table

3YR = 3 Year Warranty applies

Dia.	Face	Hub Length	Cap. Lbs.	Precision Ball Bearings		Tapered Roller Bearings		Wt. Lbs.
				Hamilton Model No.	Brg. Sizes	Hamilton Model No.	Brg. Sizes	
8	3	3 1/4	4200	W-830-STRB- ^{3YR}	3/4-1	W-830-STRT- ^{3YR}	3/4-1-1 1/4	26
10	4	4 1/4	6000	W-1040-STRB-1 ^{3YR}	1	W-1040-STRT- ^{3YR}	1 1/4-1 1/2	45
12	4	4 1/4	7200	W-1240-STRB-1 ^{3YR}	1	W-1240-STRT- ^{3YR}	1 1/4-1 1/2	60

★ = same day/next day
PRONTO® shipment.

Ultralast™ Selection Table

3YR = 3 Year Warranty applies

Dia.	Face	Hub Length	Cap. Lbs.	Precision Ball Bearings		Tapered Roller Bearings		Hub Outside Dia.	Wt. Lbs.
				Hamilton Model No.	Brg. Size*	Hamilton Model No.	Brg. Size		
4	2	2 1/4	900	W-420-TRB- ^{3YR}	1/2	X	X	1 1/8	4
5	2	2 1/4	1250	W-520-TRB- ^{3YR}	1/2	W-520-TRT- ^{3YR}	3/4	2 1/4	5
6	2	2 1/4	1400	★ W-620-TRB- ^{3YR}	1/2-3/4	W-620-TRT- ^{3YR}	3/4	2 1/4	6
	3	3 1/4	2600	★ W-630-TRB- ^{3YR}	3/4	W-630-TRT- ^{3YR}	3/4-1-1 1/4	2 3/4	12
8	2	2 1/4	1800	★ W-820-TRB- ^{3YR}	1/2-3/4	W-820-TRT- ^{3YR}	3/4	2 3/8	9
	3	3 1/4	3000	★ W-830-TRB- ^{3YR}	3/4-1	W-830-TRT- ^{3YR}	3/4-1-1 1/4	2 3/4	17
10	3	3 1/4	3600	W-1030-TRB- ^{3YR}	3/4-1	W-1030-TRT- ^{3YR}	3/4-1-1 1/4	3	21
12	3	3 1/4	4200	W-1230-TRB- ^{3YR}	3/4-1	W-1230-TRT- ^{3YR}	3/4-1-1 1/4	3 1/2	38

♣ 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 bushing (included).

PHYSICAL PROPERTIES

- **Composition**
– high grade liquid cast polyurethane.
- **Hardness** – 82-85 Durometer (Shore A).
- **Bashore Rebound** – 38%.
- **Elongation at Break** – 570% or more.
- **Tensile Strength** – 6000-6200 psi.
- **Tear Strength** – 500 pli. min.
- **Abrasion Resistance**
– 5-10 times ordinary rubber.
- **Temperature Range** – -50° to +175° F intermittent; 0° to 150°F continuous. Not damaged by occasional steam cleaning.

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.**
- **Keyways, and/or set screws**
– for locking wheels on shaft (plain bore).
- **Special Hub Length**
– hubs can be cut to provide shorter length, spacer washers furnished to increase length.

The *Poly-Soft®* is formulated for a quieter operation and greater resistance to foreign objects and debris (F.O.D.). As the name implies, *Poly-Soft®* wheel tread hardness measures 82-85D (Shore A scale) vs. the harder *Duralast®* 90-95D (Shore A).

The livelier material cushions the load thereby reducing vibration on the load resulting in a quieter ride and less wear and tear on the caster and cargo. In addition, the new urethane has been engineered to repel steel chips, nuts, bolts, pins, etc. and takes on "super ball"-type properties that offer an energized wheel. The newly formulated wheel has found popularity among automotive plants and those customers wanting to lower factory noise levels, and improve floor protection.

Poly-Soft® wheels are also available *PRONTO®* with precision ball bearings in most forged steel and cold forged casters.

The chart below offers our most popular sizes, but this soft poly tread can also be molded to Hamilton's other standard cast iron, forged steel, and/or aluminum centers in finished sizes ranging from 3¼" to 20" in diameter. Consult the factory for pricing and availability.



#W-620-SPB-1/2



To order, add bearing size to Hamilton number.
Example: W-620-SPB-½.

FEATURED WHEEL BEARINGS

Precision Ball Bearings: double sealed, maintenance free, superior rollability aids manual applications, not recommended if shock loading is prevalent.



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

★ = same day/next day
PRONTO® shipment.

SP Series Selection Table 3YR = 3 Year Warranty applies

Dia.	Face	Hub Length♣	Cap. Lbs.	Precision Ball Bearings		Tapered Roller Bearings		Hub Outside Dia.	Wt. Lbs.
				Hamilton Model No.	Bearing Size★	Hamilton Model No.	Bearing Size		
4	2	2¼	600	★W-420-SPB-½ 3YR	½	X	X	1½	4
5	1½	1¼	560	W-515-SPB-½ 3YR	½	X	X	2¼	3
	2	2¼	840	★W-520-SPB-½ 3YR	½	W-520-SPT-¾ 3YR	¾	2¼	4½
6	1½	1¼	680	W-615-SPB-½ 3YR	½	W-615-SPT-¾ 3YR	¾	2¼	4½
	2	2¼	960	★W-620-SPB-¾ 3YR	½-¾	W-620-SPT-¾ 3YR	¾	2¼	5¼
	2½	3¼	1300	W-625-SPB-¾ 3YR	¾	W-625-SPT-¾ 3YR	¾-1-1¼	2¾	10¼
	3	3¼	1800	★W-630-SPB-¾ 3YR	¾	W-630-SPT-¾ 3YR	¾-1-1¼	2¾	12
8	2	2¼	1200	★W-820-SPB-¾ 3YR	½-¾	W-820-SPT-¾ 3YR	¾	2¾	8¼
	2½	3¼	1600	W-825-SPB-¾ 3YR	¾	W-825-SPT-¾ 3YR	¾-1-1¼	2¾	16
	3	3¼	2000	★W-830-SPB-¾ 3YR	¾	W-830-SPT-¾ 3YR	¾-1-1¼	2¾	16¼
10	2½	3¼	2000	W-1025-SPB-¾ 3YR	¾	W-1025-SPT-¾ 3YR	¾-1-1¼	3	15
	3	3¼	2400	★W-1030-SPB-¾ 3YR	¾	W-1030-SPT-¾ 3YR	¾-1-1¼	3	20½
12	3	3¼	2800	★W-1230-SPB-¾ 3YR	¾	W-1230-SPT-¾ 3YR	¾-1-1¼	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).

THREE YEAR WARRANTY

The *Poly-Soft®* Series (SP) is backed by Hamilton's Three Year Product Warranty.

Extra Heavy Automotive Wheels



#W-831-EHY-3/4

These extra heavy wheels are designed to meet demanding automotive industry specifications and applications. Rubber or polyurethane (1/2" 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-3/4.

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	3 1/4	1/2	2500	W-830-EHY-	3/4-1	19
		Polyurethane	3 1/4	1	3200	W-831-EHY-	3/4-1	20
		M.O. Rubber	3 1/4	1	840	W-830-EHR-	3/4-1	16
10	3	Polyurethane	3 1/4	1/2	3000	W-1030-EHY-	3/4-1	25
		Polyurethane	3 1/4	1	3700	W-1031-EHY-	3/4-1	27
	4	M.O. Rubber	3 1/4	1	1000	W-1030-EHR-	3/4-1	22
		Polyurethane	4 1/4	1	5000	W-1041-EHY-1 1/4	1 1/4	33

Thrust spacers add 1/4" to overall hub length.

Polylast™ Wheels



#W-822-AYB-1/2

Hamilton's Polylast™ 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 3/4" 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-620-AY-3/4



The Polylast 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	2 3/8	Donut	Prec. BB	300	★ W-422-AYB-1/2 3YR	1/2	2
6	2	2 3/8	Crown	Roller	1200	★ W-620-AY- 3YR	1/2-5/8-3/4	2 1/2
		2 3/8	Donut	Prec. BB	600	★ W-622-AYB-1/2 3YR	1/2	3
8	2	2 3/8	Crown	Roller	1500	★ W-820-AY- 3YR	1/2-5/8-3/4	3 3/4
		2 3/8	Donut	Prec. BB	1000	★ W-822-AYB-1/2 3YR	1/2	5

To order, add bearing size to Hamilton number.
Example:
W-822-AYB-1/2.

Swivel-EAZ® Wheels

These unique polyurethane on aluminum wheels offer both ergonomic and economic advantages over standard polyurethane wheels. Two independent swivel surfaces roll on a common axle. The result is reduced rolling resistance, reduced initial start forces, and extended swivel caster life. In addition, use of these wheels eliminates the need for costlier dual-wheel casters.

Two tread designs are offered (crown and flat face) along with two hardnesses (80A and 95A). The wheels are non-marking and maintenance free.



The Swivel-EAZ® Series (SW) is backed by Hamilton's Three Year Product Warranty.



#W-620-SWF-1/2



★ = same day/next day
PRONTO® shipment.

SW Series Selection Table

3YR = 3 Year Warranty applies

Dia.	Face	Hub Length	Wheel Contour	Hardness	Tread Color	Cap. Lbs.	Hamilton Model No.	Bearing Size	Wt. Lbs.
4	2	2½	Crown	95(A)	Blue	600	★ W-420-SWC-½ 3YR	½	2
		2½	Flat	80(A)	Red	800	★ W-420-SWF-½ 3YR	½	2
6	2	2½	Crown	95(A)	Blue	1300	★ W-620-SWC-½ 3YR	½	4
		2½	Flat	80(A)	Red	1700	★ W-620-SWF-½ 3YR	½	4
8	2	2½	Crown	95(A)	Blue	2400	★ W-820-SWC-½ 3YR	½	6
		2½	Flat	80(A)	Red	2400	★ W-820-SWF-½ 3YR	½	6

Unilast® Wheels

Unilast® Wheels are Hamilton's line of solid elastomer wheels designed for medium to heavy duty loads. Equipped with Delrin® or Precision ball bearings, these high performance wheels are steam cleanable and well suited for hostile environments, as they are not affected by blood, brine, salt, grease, oils and many other harsh chemicals. Standard hardness of the Unilast® is 75-80 Shore D. Unilast® Wheels are available in sizes ranging from 4" x 1¼" to 8" x 3" and with three bearing options; Delrin®, Straight Roller, and Precision Sealed Ball Bearings.

For more rigorous or custom solid poly applications: higher performing urethanes, stainless steel precision ball bearings, various hardnesses, non-stock sizes, and colors can also be provided. Consult factory with application details.

FEATURED WHEEL BEARINGS

Precision Ball Bearings (B): double sealed, maintenance free, superior rollability aids manual applications, not recommended if shock loading is prevalent.



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



Delrin® Bearings (Z): chemical and corrosion resistant plastic-type bearing.



#W-620-UYB-1/2



★ = same day/next day
PRONTO® shipment.

UY Series Selection Table

Dia.	Face	Delrin® Bearings				Roller Bearings				Precision Ball Bearings♠				Wt. Lbs
		Cap. Lbs.	Hub Length	Hamilton Model No.	Brg. Size	Cap. Lbs.	Hub Length	Hamilton Model No.	Brg. Size	Cap. Lbs.	Hub ♠ Length	Hamilton Model No.	Brg. Size	
4	1¼	500	1¾	★W-412-UYZ-½	½	500	1¾	★W-412-UY-	½-¾-¾	X	X	X	X	¾
	2	750	2¼	★W-420-UYZ-¾	¾	750	2¼	★W-420-UY-	½-¾-¾	750	2½	★W-420-UYB-½	½	1
5	2	900	2¼	★W-520-UYZ-¾	¾	900	2¼	★W-520-UY-	½-¾-¾	900	2½	★W-520-UYB-½	½	1¼
6	2	1000	2¼	★W-620-UYZ-¾	¾	1100	2¼	★W-620-UY-	½-¾-¾	1100	2½	★W-620-UYB-½	½	1¾
8	2	1000	2¼	★W-820-UYZ-¾	¾	1500	2¼	★W-820-UY-	½-¾-¾	1500	2½	★W-820-UYB-½	½	2¾

To order, add bearing size to Hamilton number.
Example: W-620-UYB-1/2.

♠ Precision Ball Bearing models include ½" top hat spanners. (Hub length shown includes spanners.)

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	1¼	1½	550	★ W-310-PL-1⅜	1⅜	★ W-310-P-¾	¾	X	X	¾
3¼	1½†	1½	600	★ W-315-PL-1⅞	1⅞	★ W-315-P-	½-⅝-¾	X	X	1
	2†	2⅞	700	★ W-320-PL-1⅞	1⅞	★ W-320-P-	½-⅝-¾	X	X	1¼
4	1½	1½	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	1½	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	1½	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
	3†	3¼	2000	★ W-630-PL-1⅞	1⅞	★ W-630-P-	1-1¼	W-630-PT-	¾-1	6½
8	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
	3†	3¼	3000	★ W-830-PL-1⅞	1⅞	★ W-830-P-	1-1¼	W-830-PT-	¾-1	8¾
10	2½	3¼	2500	★ W-1025-PL-1⅞	1⅞	★ W-1025-P-	1-1¼	W-1025-PT-	¾-1	9¾
	3	3¼	2900	★ W-1030-PL-1⅞	1⅞	★ W-1030-P-	1-1¼	W-1030-PT-	¾-1	12¾
	2½	3¼	3000	W-1225-PL-1⅞	1⅞	W-1225-P-	1-1¼	W-1225-PT-	¾-1	12¼
12	3	3¼	3500	★ W-1230-PL-1⅞	1⅞	★ W-1230-P-	1-1¼	W-1230-PT-	¾-1	13
	3½	4¼	4000	W-1235-PL-2⅞	2⅞	W-1235-P-	1¼-1½	W-1235-PT-	♣	20
16	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.

HI-HEAT PLASTEX WHEELS

4	1¼	1½	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	1½	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

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.

Moldon Rubber-Tired Wheels

These solid cushion rubber tires permanently molded onto iron wheel centers provide rugged, long wearing wheels that are widely used on industrial equipment. Tires have a thickness of about 1", and hardness of 70 Durometer (± 5, Shore A).

Moldons are standard with antifriction bearings—straight roller in all sizes, with choice of straight or tapered in most of the larger sizes. Pressure lubrication fittings come standard in the hubs (except 4" x 1½", 4" x 2" and 6" x 3"). Operating temperature range is -70° to 160° F.

The 5" wide sizes (12" x 5", 14" x 5", 16" x 5", 18" x 5" and 20" x 5") have centers designed with husky spokes and large hubs.

OPTIONAL EXTRAS (more help on page 12)

- **Wheel Bearing Seals**
- **Special Rubber Compounds**
 - Neoprene (oil and grease resistant).
 - Extra Hard (90 durometer).
- **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).
- **Spanner Bushings**
 - select from page 90.

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



#W-820-R-3/4



★ = same day/next day **PRONTO®** shipment.

R Series Selection Table

Dia.	Face	Hub Length	Cap. Lbs.*	Plain Bore		Straight Roller Bearings		Tapered Roller Bearings		Hub Outside Dia.	Wt. Lbs.
				Hamilton Model No.	Bore Sizes	Hamilton Model No.	Bearing Sizes	Hamilton Model No.	Bearing Sizes		
4	1½•	1¾	200	★ W-415-RL-1¾	1¾	★ W-415-R-	½-¾-¾	X	X	1¾	2½
	2•	2¼	300	★ W-420-RL-1¾	1¾	★ W-420-R-	½-¾-¾	X	X	1¾	3½
5	1½•	1¾	240	★ W-515-RL-1¾	1¾	★ W-515-R-	½-¾-¾	X	X	2¼	2¾
	2•	2¼	350	★ W-520-RL-1¾	1¾	★ W-520-R-	½-¾-¾	X	X	1½	3¾
6	1½•	1¾	280	★ W-615-RL-1¾	1¾	★ W-615-R-	½-¾-¾	X	X	1¾	3¾
	2	2¼	410	★ W-620-RL-	1¾-1¾	★ W-620-R-	½-¾-¾-1	W-620-RT-¾	¾	1¾ or 2¼	4½
	2½•	3¼	540	★ W-625-RL-1¾	1¾	★ W-625-R-	1-1¼	W-625-RT-	¾-1	2½	9¾
	3•	3¼	680	★ W-630-RL-1¾	1¾	★ W-630-R-	1-1¼	X	X	2¾	11½
7	2	2¼	450	★ W-720-RL-	1¾-1¾	W-720-R-	½-¾-¾-1	W-720-RT-¾	¾	2 or 2¼	6
8	2	2¼	500	★ W-820-RL-	1¾-1¾	★ W-820-R-	¾-¾-¾-1	W-820-RT-¾	¾	1¾ or 2¼	7
	2½	3¼	670	★ W-826-RL-1¾	1¾	★ W-826-R-	1-1¼	W-826-RT-	¾-1	3	9½
9	3	3¼	840	★ W-830-RL-1¾	1¾	★ W-830-R-	1-1¼	W-830-RT-	¾-1-1¼	2¾	15¼
	2•	2¼	570	★ W-920-RL-	1¾-1¾	W-920-R-	¾-¾-¾-1	W-920-RT-¾	¾	2¾	9½
	2½	3¼	750	★ W-925-RL-	1¾	W-925-R-	¾-1-1¼	W-925-RT-	¾-1-1¼	3¾	13
10	2½•	3¼	790	★ W-1025-RL-	1¾-2¾	★ W-1025-R-	1-1¼	W-1025-RT-	¾-1-1¼	2¾	12¾
	3•	3¼	1000	★ W-1030-RL-	1¾-2¾	★ W-1030-R-	1-1¼	W-1030-RT-	¾-1-1¼	2½	15½
	4•	4¼	1400	★ W-1040-RL-1¾	1¾	W-1040-R-	1-1¼	W-1040-RT-1¼	1¼	3	33
12	2	2¼	690	★ W-1220-RL-1¾	1¾	★ W-1220-R-1	1	X	X	2½	12
	2½	2¾	900	★ W-1225-RL-1¾	1¾	★ W-1225-R-1	1	X	X	2½	17
	2½	3¼	900	★ W-1226-RL-1¾	1¾	W-1226-R-	1-1¼	W-1226-RT-	¾-1-1¼	2¾	20
	3	3¼	1140	★ W-1230-RL-	1¾-2¾	★ W-1230-R-	1-1¼	W-1230-RT-	¾-1-1¼	2¾	20
	3½	4¼	1370	★ W-1235-RL-2¾	2¾	W-1235-R-	1-1¼-1½	W-1235-RT-1¼	1¼	3¼	27
	4	4¼	1600	★ W-1240-RL-2¾	2¾	W-1240-R-	1-1¼-1½	W-1240-RT-1¼	1¼	3¾	30
14	5	5¼	2050	★ W-1250-RL-2¾	2¾	W-1250-R-	1¼-1½	W-1250-RT-	1¼-1½	4	53
	3	3¼	1280	★ W-1430-RL-1¾	1¾	W-1430-R-	1-1¼	W-1430-RT-	¾-1-1¼	3¼	33
	5	5¼	2300	★ W-1450-RL-2¾	2¾	W-1450-R-	1¼-1½	W-1450-RT-	1¼-1½	4	64
16	3	3¼	1420	★ W-1630-RL-1¾	1¾	W-1630-R-	1-1¼	W-1630-RT-	¾-1-1¼	3¾	31
	4•	4¼	1990	★ W-1640-RL-2¾	2¾	W-1640-R-	1¼-1½	X	X	3¾	50
	5	5¼	2570	★ W-1650-RL-2¾	2¾	W-1650-R-	1¼-1½-1¾-2	W-1650-RT-	1¼-1½	4¼	79
18	3	3¼	1550	★ W-1830-RL-1¾	1¾	W-1830-R-	1-1¼	W-1830-RT-	¾-1-1¼	3¼	40
	5	5¼	2800	★ W-1850-RL-2¾	2¾	W-1850-R-	1¼-1½-1¾-2	W-1850-RT-	1¼-1½	4¼	86
20	3	4¼	1680	★ W-2030-RL-2¾	2¾	W-2030-R-	1-1¼-1½	W-2030-RT-1¼	1¼	3¼	66
	5	5¼	3020	★ W-2050-RL-2¾	2¾	W-2050-R-	1¼-1½-1¾-2	W-2050-RT-	1¼-1½	4¼	100

* Capacity ratings shown are those of The Institute of Caster Manufacturers, for speeds of 3 m.p.h.
 • These wheels have solid metal centers (no spokes); others are spoke-type.

Many sizes have solid web center – see table footnote.

To order, add bore or bearing size to Hamilton number.
 Example: W-826-R-1.

Metal Wheels

#W-620-MB-1/2

With one of the industry's largest lines of metal wheels (most are cast iron, a few of the smaller sizes sintered iron), Hamilton has come to be known as the first place to go for new or replacement metal wheels. In the last three years, the most popular metal wheel sizes have been upgraded with larger hubs and less scrap metal content to represent the most durable and highest quality metal wheels in the industry.

All metal wheels over 5" diameter include lubrication fittings in the hubs (lube axles are recommended for the smaller sizes). Faces of some plain bore wheels are not normally machined, nor are faces machined on any wheels that are not indicated by footnote (+, *, or §).

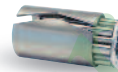
Not all sizes have solid web center – see chart.

To order, add bore or bearing size to Hamilton number.
Example: W-620-M-¾.

Some non-standard bores within the minimum and maximum range shown may require an extra charge; close tolerances are always special and can be quoted upon receipt of details.

OPTIONAL ACCESSORIES (more help on page 12)

- **Straight or Tapered Roller Bearing Seals.**
- **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.
- **Spanner Bushings**
 - select from page 90.

FEATURED WHEEL BEARINGS

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



Precision Ball Bearings: double sealed, maintenance free, superior rollability aids manual applications, not recommended if shock loading is prevalent.



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



★ = same day/next day **PRONTO®** shipment.

M Series Selection Table

Dia. *	Face	Hub Length	Load Cap. Lbs.	Plain Bore				Straight Roller Bearings		Precision Ball Bearings		Tapered Roller Bearings		Casting Number	Hub Outside Dia.	Wt. Lbs.
				Hamilton Model No.	Standard Bore	Min. Bore	Max. Bore	Hamilton Model No.	Bearing Sizes	Hamilton Model No.	Bearing Size	Hamilton Model No.	Bearing Sizes			
2 1/2	1*	1 1/8	250	★ W-210-ML-5/16	5/16	X	X	X	X	X	X	X	X	X	3/4	3/4
	1 1/2*	1 1/8	250	W-215-ML-1 1/16	1 1/16	X	X	W-215-M-	1/2-5/8-3/4	X	X	X	X	5215	1 1/4	1 1/4
	2*	2 1/4	275	W-220-ML-1 3/16	1 3/16	X	X	W-220-M-	1/2-5/8-3/4	X	X	X	X	5220	1 3/4	2
2 3/4	1 1/2•	1 1/8	250	W-275-ML-1 3/16	1 3/16	X	X	W-275-M-	1/2-5/8-3/4	X	X	X	X	040020	1 3/4	1 1/2
3	1 1/4*	1 1/8	250	★ W-312-ML-	3/8 1/2 or 9/16	X	X	W-312-M-3/8	3/8-1/2	X	X	X	X	X	1 1/4	1
4	1 1/2•§	1 3/4	550	W-415-ML-	1 1/8	1 1/8	1 3/4	★ W-415-M-	1/2-5/8-3/4	X	X	W-415-MT-3/4	3/4	040285	2 1/4	2 1/2
	1 1/2	1 3/4	400	W-416-ML-	7/16	3/8	3/8	X	X	X	X	X	X	040140	1 1/8	2 3/4
	2•§	2 1/4	1000	★ W-420-ML-	1 1/8	1 1/8	1 3/4	★ W-420-M-	1/2-5/8-3/4	★ W-420-MB-1/2	1/2	W-420-MT-3/4	3/4	040285	2 1/4	2 3/4
4 1/4	2 1/2••	3 1/4	1200	W-430-ML-	1 15/16	1 15/16	2 3/16	W-430-M-	1-1 1/4	X	X	W-430-MT-	3/4-1	040340	2 1/2	8
4 1/2	1 1/2•	1 3/4	400	W-475-ML-	1 3/16	1 1/16	1 1/8	W-475-M-	1/2-5/8	X	X	X	X	040320	1 3/4	3 1/4
5	1 1/2•§	1 3/4	750	W-515-ML-	1 3/16	1 3/16	1 3/4	★ W-515-M-	1/2-5/8-3/4	X	X	W-515-MT-3/4	3/4	040525	2 1/4	4 1/4
	1 3/4•§	2 1/4	750	W-518-ML-	1 3/16	1 3/16	1 3/4	W-518-M-	1/2-5/8-3/4	W-518-MB-1/2	1/2	W-518-MT-3/4	3/4	040525	2 1/4	4 3/4
	2•§	2 1/4	1300	★ W-520-ML-	1 1/8 or 1 1/16	1 1/8	1 3/4	★ W-520-M-	1/2-5/8-3/4-1	★ W-520-MB-1/2	1/2	W-520-MT-3/4	3/4	040525	2 1/4	5
	2 1/2••	3 1/4	2500	W-525-ML-1 15/16	1 15/16	1 1/8	X	W-525-M-	1-1 1/4	W-525-MB-3/4	3/4	W-525-MT-	3/4-1	X	2 1/2	10 1/4
	3••	3 1/4	1500	W-530-ML-	1 15/16	1 1/8	2 3/16	W-530-M-	1-1 1/4	W-530-MB-3/4	3/4	W-530-MT-	3/4-1-1/4	040582	2 3/4	9 1/4
6	1 1/4•§	1 3/4	500	W-612-ML-	1 3/16	1 1/8	1 3/4	W-612-M-	1/2-5/8-3/4	X	X	W-612-MT-3/4	3/4	040765	2 1/4	5
	1 1/2•§	1 3/4	850	W-615-ML-	1 3/16	1 1/8	1 3/4	★ W-615-M-	1/2-5/8-3/4	X	X	W-615-MT-3/4	3/4	040765	2 1/4	5 1/2
	2•§	2 1/4	1400	★ W-620-ML-	1 1/8 or 1 1/16	1 1/8	1 3/4	★ W-620-M-	1/2-5/8-3/4-1	★ W-620-MB-1/2	1/2	W-620-MT-3/4	3/4	040765	2 1/4	6
	2 1/2••	3 1/4	2200	W-625-ML-1 15/16	1 15/16	1 3/4	2 1/16	★ W-625-M-	1-1 1/4	W-625-MB-3/4	3/4	W-625-MT-	3/4-1-1/4	040870	2 1/2	9 1/2
	3••	3 1/4	2500	★ W-630-ML-	1 15/16	1 15/16	2 1/16	★ W-630-M-	1-1 1/4	★ W-630-MB-3/4	3/4	W-630-MT-	3/4-1-1/4	040870	3	12
7	2•§	2 1/4	1000	W-720-ML-	1 3/16	1 3/16	1 1/8	W-720-M-	3/4-1	W-720-MB-1/2	1/2	W-720-MT-3/4	3/4	040895	2 3/8	7
	2 1/2•	3 1/4	1500	W-725-ML-	1 15/16	1 15/16	2 1/16	W-725-M-	1-1 1/4	W-725-MB-3/4	3/4	W-725-MT-	3/4-1-1/4	040960	3 3/8	11 3/4
	3•	3 1/4	3000	W-730-ML-1 15/16	1 15/16	X	X	W-730-M-	1-1 1/4	W-730-MB-3/4	3/4	W-730-MT-	3/4-1-1/4	040960	2 3/4	14
8	2•	2 1/4	1500	★ W-820-ML-	1 1/8	1 3/16	1 1/8	★ W-820-M-	1/2-5/8-3/4-1	★ W-820-MB-1/2	1/2	W-820-MT-	3/4	041070	2 3/8	15
	2 1/2•	3 1/4	2500	W-825-ML-1 15/16	1 15/16	1 3/4	2 1/2	★ W-825-M-	1-1 1/4	W-825-MB-3/4	3/4	W-825-MT-	3/4-1-1/4	041210	3	23
	3•	3 1/4	2600	W-830-ML-	1 15/16	1 3/4	2 1/2	★ W-830-M-	1-1 1/4	★ W-830-MB-3/4	3/4	W-830-MT-	3/4-1-1/4	041210	3	23
	4••	4 1/4	3500	W-840-ML-	1 15/16	1 15/16	2 1/16	W-840-M-	1-1 1/4	X	X	W-840-MT-	1-1 1/4	041210	3	28
9	2 1/2•*	3 1/4	2000	W-925-ML-1 15/16	1 15/16	1 3/4	2 1/16	W-925-M-	1-1 1/4	W-925-MB-3/4	3/4	W-925-MT-	3/4-1-1/4	041220	2 3/4	12
	3•*	3 1/4	3000	W-930-ML-	1 15/16	1 3/4	2 1/16	W-930-M-	1-1 1/4	W-930-MB-3/4	3/4	W-930-MT-	3/4-1-1/4	041270	3	20

(chart continues top of next page)

Metal Wheels (cont'd)★ = same day/next day **PRONTO®** shipment.

Dia. *	Face	Hub Length	Load Cap. Lbs.	Plain Bore				Straight Roller Bearings		Precision Ball Bearings		Tapered Roller Bearings		Casting Number	Hub Outside Dia.	Wt. Lbs.
				Hamilton Model No.	Standard Bore	Min. Bore	Max. Bore	Hamilton Model No.	Bearing Sizes	Hamilton Model No.	Bearing Size	Hamilton Model No.	Bearing Sizes			
10	2½-†	3¼	2500	W-1025-ML-1⅝	1⅝	X	X	★ W-1025-M-	1-1¼	W-1025-MB-¾	¾	W-1025-MT-	¾-1-1¼	041320	3	17
	3-†	3¼	2600	W-1030-ML-1⅝	1⅝	X	X	★ W-1030-M-	1-1¼	★ W-1030-MB-¾	¾	W-1030-MT-	¾-1-1¼	041400	3	17¼
	3½*	4¼	3000	W-1035-ML-	2⅜	2⅜	2⅜	W-1035-M-	1-1¼	X	X	W-1035-MT-	1-1¼	041420	3¼	22
	4*	4¼	3000	W-1040-ML-2⅜	2⅜	X	X	W-1040-M-	1-1¼-1½	X	X	W-1040-MT-1¼	1¼	041440	3¼	24
11	3*•	3¼	4000	W-1130-ML-	2⅜	1⅝	2½	W-1130-M-	1-1¼-1½	W-1130-MB-¾	¾	W-1130-MT-	1-1¼	041520	3½	33
	4*•	4¼	4000	W-1140-ML-	2⅜	1⅝	2½	W-1140-M-	1-1¼-1½	X	X	W-1140-MT-	1-1¼	041540	3½	40
12	2*	2¾	1200	W-1220-ML-	1⅞	⅞	1⅞	W-1220-M-	¾-1	X	X	W-1220-MT	¾-1	041620	2½	18¼
	2½	3¼	1200	W-1225-ML-1⅝	1⅝	X	X	★ W-1225-M-	1-1¼	W-1225-MB-¾	¾	X	X	041640	2½	18½
	3-†	3¼	2500	W-1230-ML-	1⅞	1	2¼	★ W-1230-M-	1-1¼	W-1230-MB-¾	¾	W-1230-MT-	¾-1-1¼	041660	3¼	26
	5	5¼	5500	W-1250-ML-	2⅞	2⅜	3⅞	W-1250-M-	1¼-1½	X	X	W-1250-MT-	1¼-1½	041700	4	52
14	3*	3¼	2500	W-1430-ML-	1⅞	1⅝	2⅜	W-1430-M-	1-1¼	W-1430-MB-¾	¾	W-1430-MT-	¾-1	041760	3½	26
	5	5¼	6000	W-1450-ML-	2⅞	2⅜	3⅞	W-1450-M-	1½-1¾-2	X	X	W-1450-MT-	1¼-1½	041780	4¼	64
16	3*	3¼	2500	W-1630-ML-	1⅞	1⅝	2⅜	W-1630-M-	1-1¼	W-1630-MB-¾	¾	W-1630-MT-	¾-1-1¼	041820	3¾	36
	5	5¼	6500	W-1650-ML-	2⅞	2⅜	3⅞	W-1650-M-	1¼-1½	X	X	W-1650-MT-	1¼-1½	041840	4¼	74
18	3*	4¼	4000	W-1830-ML-	1⅞	1⅝	2⅜	W-1830-M-	1-1¼	X	X	W-1830-MT-1¼	1¼	041940	3¾	57
	5	5¼	7000	W-1850-ML-	2⅞	2⅜	3⅞	W-1850-M-	1½-1¾-2	X	X	W-1850-MT-	1¼-1½	041960	4¼	86

* Diameters listed are nominal; actual diameter may differ as much as ¼" due to pattern or casting variations. Advise if diameter is critical.

† Furnished with face machine finished only when ordered with bearings or with standard bearing bore. Faces of many other wheels listed can be machined at extra cost.

* These wheels are pressure-molded sintered iron, smooth and concentric.

* Tapered bearing models furnished with machine finished face.

• These wheels have solid metal centers (no spokes); others are spoke-type.

‡ Ductile Iron Blank.

§ These wheels have a machined crowned face.

Stainless Steel Wheels

Stainless Steel wheels are ideally suited for corrosive situations, high heat environments and heavy-duty applications. These wheels are made from Type 303 stainless steel and are also available as machined V-Grooved wheels in the same diameters. (For use in stainless steel casters, see pages 48, 54, & 55).

Series S wheels are available with either plain bore, Delrin® bearings, or stainless steel ball bearings. Consult factory for custom machining or special bearing options (allowing even higher capacities).

Series S wheels are ideal in harsh environments such as autoclaves, food processing plants, chemical plants, pharmaceutical operations, and on animal cages.

THREE YEAR WARRANTY

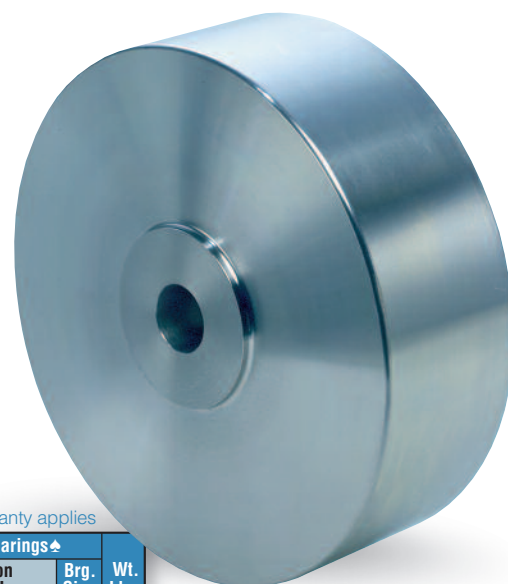
The Stainless Steel Series (S) is backed by Hamilton's Three Year Product Warranty.

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

3YR = 3 Year Warranty applies

Dia.	Face	Plain Bore				Delrin® Bearings				S.S. Precision Ball Bearings				Wt. Lbs.
		Cap. Lbs.	Hub Length	Hamilton Model No.	Bore Size	Cap. Lbs.	Hub Length	Hamilton Model No.	Brg. Size	Cap. Lbs.	Hub Length	Hamilton Model No.	Brg. Size	
3	1⅝	450	1⅝	W-313-S-½	½	450	1⅝	W-313-SZ-½	½	450	1⅝	★ W-313-SB-½	½	3
		450	1⅝	W-313-SV-½	½	450	1⅝	W-313-SVZ-½	½	450	1⅝	W-313-SVB-½	½	3
4	1⅝	550	1⅝	W-413-S-½	½	600	1⅝	W-413-SZ-½	½	600	1⅝	★ W-413-SB-½	½	5
		550	1⅝	★ W-413-SV-½	½	600	1⅝	★ W-413-SVZ-½	½	600	1⅝	★ W-413-SVB-½	½	5
	2	800	2¼	★ W-420-S-¾	¾	850	2¼	W-420-SZ-¾	¾	850	2½	★ W-420-SB-½	½	7
		800	2¼	★ W-420-SV-¾	¾	850	2¼	W-420-SVZ-¾	¾	850	2½	★ W-420-SVB-½	½	7
5	2	900	2¼	★ W-520-S-¾	¾	950	2¼	W-520-SZ-¾	¾	950	2½	★ W-520-SB-½	½	11
		900	2¼	★ W-520-SV-¾	¾	950	2¼	★ W-520-SVZ-¾	¾	950	2½	★ W-520-SVB-½	½	10
6	2	950	2¼	W-620-S-¾	¾	1000	2¼	W-620-SZ-¾	¾	1200	2½	★ W-620-SB-½	½	16
		950	2¼	★ W-620-SV-¾	¾	1000	2¼	W-620-SVZ-¾	¾	1200	2½	★ W-620-SVB-½	½	15
8	2	1100	2¼	W-820-S-¾	¾	1000	2¼	W-820-SZ-¾	¾	1500	2½	★ W-820-SB-½	½	29
		1100	2¼	W-820-SV-¾	¾	1000	2¼	W-820-SVZ-¾	¾	1500	2½	★ W-820-SVB-½	½	27

♣ Precision Ball Bearing models include ½" top hat spacers. (Hub length shown includes spacers.)



#W-620-S-¾

NOTE: Model numbers containing the letter "V" are V-grooved wheels.

Heavy Duty Semi-Pneumatic Wheels



#W-16-SPRT-1 1/4

For those rugged ground support applications, Hamilton's heavy duty semi-pneumatic tires are the clear answer when standard pneumatics are not up to the task. Available in four sizes, from 14" x 4" to 21" x 6", all wheels are equipped with 1-1/4" precision tapered roller bearings making them well suited for any towing applications.

Each tire is comprised of three tread sections: a firm, stable base compound for strong rim adhesion; a very resilient middle section to dampen the shock of uneven rolling surfaces; and a tough low rolling resistance tread to reduce energy consumption. The resulting soft ride compares favorably with full pneumatic tires, but semi-pneumatics enjoy much higher capacity ratings. Purchase the wheels alone, or refer to Pg. 65 for a heavy duty caster series using these wheels.

★ = same day/next day
PRONTO® shipment.

SPRT Series Selection Table

Nom. Dia.	Tire Width	Tire Size	Rim Width	Load Cap. Lbs.	Hub Length	Hamilton Model No.	Bearing Size	Wt. Lbs.
14	4	300 x 8	2 1/2	1500	4 1/4	W-1440-SPRT-1 1/4	1 1/4	16
16	5 1/2	400 x 8	3 3/4	2900	5 1/4	★ W-1650-SPRT-	1* - 1 1/4	28
18	5 1/2	500 x 8	3 3/4	3300	6 1/4	W-1850-SPRT-1 1/4	1 1/4	41
21	6	600 x 9	4	4200	7 1/4	W-2160-SPRT-1 1/4	1 1/4	65

*Uses 1 1/4" bearing with T-bushings to span down to 1".

Series PR Capacity Range 320 – 3,700 lbs.

Pneumatic Rubber-Tired Wheels



#W-10-PR-3/4

Like an automobile tire, the low speed industrial pneumatic wheel uses air pressure to provide shock absorption, quiet operation, and ease of rolling over rough terrain. Models 8" through 16" (upper chart) are equipped with straight roller bearings, except #W-9-PR which has 5/8" ball bearings for hand truck use. The lower chart features 10" through 25" models having sealed precision tapered roller bearings for more demanding applications. Wheels are not intended for highway use.

QUALITY FEATURES

Demountable (bolted) hubs on all models except #W-9-PR, and #W-164-PR.

Heavy-duty hubs with anti-friction bearings.

Gray Non-Marking Tread is available as an option.



★ = same day/next day **PRONTO®** shipment.

PR Series Selection Table

Nom. Dia. ‡	Tire Size	Ply Rating (Load Range)	Max Air Infl. Lbs.	Load Cap. Lbs. †	Hub Length*	Hamilton Model No.	Bearing Sizes	Wt. Lbs.
8	2.80/2.50-4	4(B)	50	330	3	★ W-8-PR-	5/8-3/4-1	4 1/4
10	4.10/3.50-4	4(A)	50	320	2 1/4 offs.	★ W-9-PR-5/8	5/8 ball brg.	4 1/2
	3.40/3.00-5	4(B)	100	480	3	★ W-10-PR-	5/8-3/4-1	5 3/4
12	4.10/3.50-6	4(B)	50	625	3 1/4	★ W-12-PR-1	1	8 1/4
16	4.80-8	4(B)	60	960	4 3/4	★ W-164-PR-	1-1 1/4	11 1/2
WITH HEAVY DUTY SEALED TAPERED BEARINGS*								
10	3.40/3.00-5	4(B)	100	480	3 3/8	★ W-10-PRT-3/4	3/4	6
12	4.10/3.50-6	4(B)	50	625	4 3/8	★ W-12-PRT-	3/4-1	8 1/2
16	4.80-8	6(C)	90	1220	4 7/8, 4 1/2	★ W-166-PRT-	1-1 1/4	17
18	5.70-8	8(D)	115	1655	4 7/8, 4 1/2	★ W-188-PRT-	1-1 1/4	22
21	6.90-9	10(E)	125	2500	6 3/4	W-210-PRT-1 1/4	1 1/4	38
25	7.50-10	10(E)	100	3700	6 3/4	W-250-PRT-1 1/4	1 1/4	57

† Capacity ratings shown are based on Tire & Rim Association ratings for tires at maximum inflation and speeds of 5 m.p.h.

‡ Approximate since O.D. of tires can vary, as will deflection with tire pressure and loading.

* Hub length dimension on wheels equipped with tapered bearings includes thrust spacers.

To order, add bearing size to Hamilton number.
Example: W-10-PR-3/4

Ace-Tuf® Wheels

Ace-Tuf® Wheels have been a popular material handling solution since their introduction to the Hamilton line in 1983. A major advance in wheel technology marries a solid tire of finely ground recycled rubber molded by a revolutionary, patented process—to a high-impact polypropylene center. Tires are a medium soft 75 Durometer (±5, Shore A). In extensive testing, the *Ace-Tuf® Wheel* surpassed conventional semi-pneumatics in ease of rolling and load carrying ability. Good looks, corrosion resistance and light weight are additional bonuses, yet costs are

lower than for most any type rubber-tired wheel of comparable capacity.

All sizes in the chart below are stocked by Hamilton for *PRONTO®* shipment within two days. See catalog page 65 for *Cush-N-Tuf® Casters* equipped with these wheels. Note: Because heat buildup in plastic hubs can lead to tire separation, *Ace-Tuf® Wheels* are not recommended for continuous applications such as towlines.



#W-8-AT-3/4



★ = same day/next day
PRONTO® shipment.

AT Series Selection Table

Tire Size	Cap. Lbs.*	Ball Bearings			Wt. Lbs.
		Hub Length	Hamilton Model No.	Bearing Size	
8 x 2.50	450	2¼ offset	★W-8-OAT-¾	⅝	3½
8 x 2.50	450	2¼ central	★W-8-AT-¾	¾	3½
10 x 2.75	550	2¼ offset	★W-10-OAT-⅝	⅝	6
10 x 2.75	550	¾ central	★W-10-AT-¾	¾	6
12 x 3.00	850	¾ central	★W-12-AT-¾	¾	8¾

*Capacity ratings based on intermittent service at speeds not exceeding 4 m.p.h.

Super-Flex™ Wheels

Here's an unusually rugged, industrial duty wheel that looks like a pneumatic or semi-pneumatic, but is puncture proof and provides super cushioning. Tires are extra soft 60 Durometer (±5, Shore A), extra thick rubber permanently vulcanized to cast aluminum wheel centers. Straight roller bearings and lubrication fittings are standard in the hubs.

Super-Flex™ Wheels are recommended for bottlers' trucks, pottery trucks, or even for baggage trailers since they're well suited for outdoor use (tapered roller bearings are available in the larger sizes on special order for high speed applications).

See page 64 for casters utilizing these wheels. Since capacity ratings do not take into account the rollability effort required on soft rubber tires, reduce the ratings in the chart by about 50% for manual operation.



#W-8-SU-3/4



★ = same day/next day
PRONTO® shipment.

SU Series Selection Table

Tire Size	Cap. Lbs.	Straight Roller Bearings			Wt. Lbs.
		Hub Length I	Hamilton Model No.	Bearing Sizes	
6 x 2.00	300	2¼	★W-6-SU-	⅝-¾	2½
8 x 2.50	500	2¼	★W-8-SU-	⅝-¾	4½
10 x 2.75	700	2¾	★W-10-SU-	⅝-¾-1	8
12 x 2.75	800	3¼	★W-12-SU-	1-1¼	11¾
14 x 3.25	900	3¼	W-14-SU-	1-1¼	18
16 x 4.00	1200	4¼	W-16-SU-	1-1¼	25

I Offset hubs available on special order.

To order, add bearing size to Hamilton number.
Example: W-8-SU-¾.

High Performance Rubber on Aluminum Wheels



#W-1220-RA-1

Hamilton's newest rubber on aluminum wheel offerings have 1" of black high performing rubber tread permanently bonded to the wheel center (70 Durometer ± 5 , Shore A).

These premium wheels have the same high tensile strength rubber used in our moldon rubber tired wheels on pg 81.

This means that they are more resilient and roll more easily than most "generic" rubber tired wheels. All wheels shown in the chart feature roller bearings, and are offered in multiple sizes.



The second chart shows our standard offerings of Neoprene rubber-on-aluminum wheels. Neoprene is a special formula of rubber that provides far better chemical and oil resistance than standard rubber. These wheels also have a hardness of 70 Durometer (± 5 , Shore A) and come standard with roller bearings.

Although they are not listed on the caster pages, all of these wheels are available in many of our caster series. Consult factory for pricing and availability.

★ = same day/next day
PRONTO® shipment.

RA Series Selection Table

Dia.	Face	Hub. Lgth	Web Design	Straight Roller Bearings			Wt. Lbs.
				Cap. Lbs.	Hamilton Model No.	Bearing Sizes	
6	2	2 1/4	Solid	410	★ W-620-RA-	3/4 - 7/8-1	3
7	2	2 3/8	Solid	455	★ W-720-RA-	5/8 - 3/4	4
8	1 1/2	2 1/4	Solid	350	★ W-815-RA-	5/8 - 3/4	4
9	2	2 3/8	Solid	550	★ W-920-RA-	5/8 - 3/4 -1	5
10	2	2 1/4	Spoked	730	★ W-1020-RA-	5/8 - 3/4 -1	7
12	2	2 1/4	Spoked	720	★ W-1220-RA-	3/4 - 7/8-1	10
14	3	3 1/4	Spoked	1280	W-1430-RA-	1-1 1/4	18

NRA Series (Neoprene) Selection Table

Dia.	Face	Hub. Lgth	Web Design	Straight Roller Bearings			Wt. Lbs.
				Cap. Lbs.	Hamilton Model No.	Bearing Sizes	
4	1 1/2	1 1/4	Solid	200	★ W-415-NRA-	5/8 - 3/4	2
5	1 1/2	1 1/4	Solid	240	★ W-515-NRA-3/4	3/4	2
6	1 1/2	1 1/4	Solid	280	★ W-615-NRA-	5/8 - 3/4	3
	2	2 1/4	Solid	410	★ W-620-NRA-	3/4 - 7/8-1	4
8	2	2 1/4	Spoked	500	★ W-820-NRA-5/8	5/8 - 3/4-1	4
10	2 1/2	2 3/4	Spoked	790	W-1025-NRA-1	1	9

To order, add bearing size to Hamilton number.
Example: W-1220-RA-3/4.

Series AR Capacity Range 200 – 500 lbs.

Vulcalite™ Wheels



#W-820-AR-3/4

Vulcalite™ rubber-on-aluminum wheels come with a gray nonmarking tire permanently vulcanized to a die cast aluminum center. The solid tires have a hardness of 70 Durometer (± 5 , Shore A). In addition to its non-marking characteristics, the gray compound possesses excellent "bounce" properties that enhance rollability.

You can substitute the wheels below for Moldon Rubber-Tired wheels in any caster by changing the "-R" suffix to "-AR." Straight roller bearings are standard in all Vulcalite™ Wheels except

the 4" x 1 1/2" and 8" x 1 5/8" size, which have ball bearings. Ball check lubrication fittings are provided in roller bearing hubs.

OPTIONAL EXTRAS (more help on page 12)

- Wheel Bearing Seals.
- Spanner Bushings
– select from page 90.
- Other Sizes
– may be available on special order if quantity warrants, consult factory.

★ = same day/next day
PRONTO® shipment.

AR Series Selection Table

Dia.	Face	Cap. Lbs.	Hub. Length	Straight Roller Bearings		Wt. Lbs.
				Hamilton Model No.	Bearing Sizes	
4	1 1/2	200	1 1/4	★ W-415-AR-5/8	5/8 Ball brg.	1 1/4
5	1 1/2	240	1 1/4	★ W-515-AR-	1/2 - 5/8 - 3/4	3 3/4
	2	350	2 1/4	★ W-520-AR-	1/2 - 5/8 - 3/4	2 1/2
6	2	410	2 1/4	★ W-620-AR-	1/2 - 5/8 - 3/4	3 3/4
8	1 1/2	375	2	★ W-815-AR-5/8	5/8 Ball brg.	2 1/2
	2	500	2 1/4	★ W-820-AR-	1/2 - 5/8 - 3/4	3 3/4



To order, add bearing size to Hamilton number.
Example: W-820-AR-3/4.

QUALITY FEATURES

Temperature range -45° to +180°F; intermittently to +220° F.

Industrial duty designs with smooth contours and no pockets to collect dirt.

Resists oil, grease, solvents, chemicals and wash cycles with harsh cleaning compounds.

OPTIONAL EXTRAS (more help on page 12)

- **Wheel Bearing Seals with roller bearings**
- **Precision ball bearings**
– (½") available in 2" wide wheels on large volume orders.
- **Spanner Bushings**
– select from page 90.

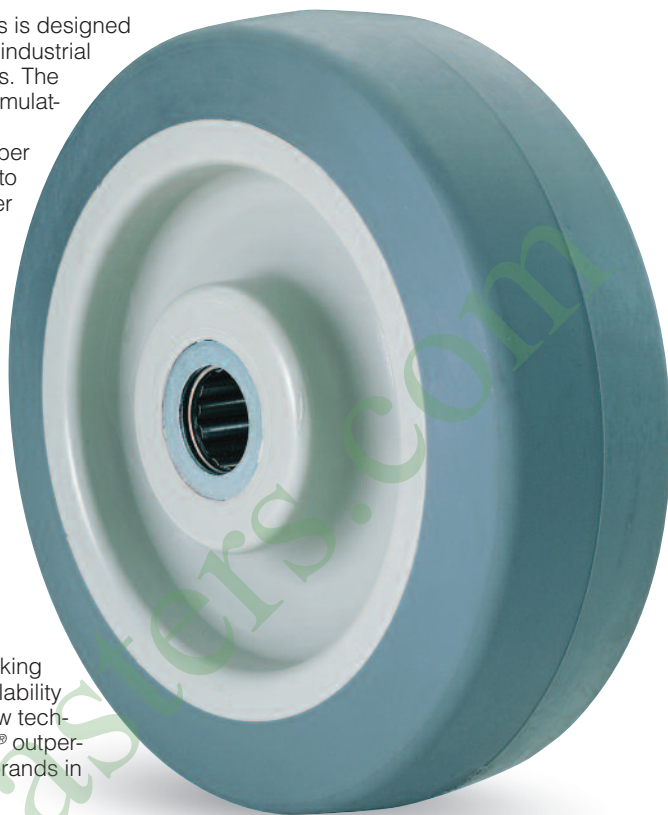


This illustration of polyolefin core prior to molding on tread shows how the rubber tread material locks into, around, and onto the specially configured rim.

This line of high-tech wheels is designed to handle the rigors of both industrial and institutional applications. The *Versa-Tech® Wheels* are formulated with a soft 65 Durometer (±5, Shore A), modulus rubber tread permanently bonded to a polyolefin core. The rubber and polyolefin have been finely balanced to provide the optimum performance of rollability and high impact resistance.

The *Versa-Tech®* cushions any ride when rolling over rough or uneven floors while withstanding tough environments including oil, grease, solvents and a wide assortment of chemicals. The non-marking gray rubber on a white center offers a clean and contemporary appearance and the tread color dramatically reduces the scuffing or marking of floors. Test labs rating rollability and durability report the new technically superior *Versa-Tech®* outperforms other major leading brands in its class.

These attractive wheels offer the capacity ratings of Moldon Rubber-tired wheels, but they are non-marking and more economical. All models are shippable *PRONTO®*.

**W-620-TE-¾****FEATURED WHEEL BEARINGS**

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



Ball Bearings & Stainless Steel Ball Bearings (S): non-precision-type



Delrin® Bearings: chemical and corrosion resistant plastic-type bearing.

Additional non-stock sizes and different core colors available, consult factory.



★ = same day/next day **PRONTO®** shipment.

TE Series Selection Table

Dia.	Face	Cap. Lbs.	Delrin® Bearings			Ball Bearings			Stainless Steel Ball Bearings			Straight Roller Bearings			Wt. Lbs.
			Hub Length	Hamilton Model No.	Brg. Size	Hub Length	Hamilton Model No.	Brg. Size	Hub Length	Hamilton Model No.	Brg. Size	Hub Length	Hamilton Model No.	Bearing Size	
3½	1¾	240	1½	★W-35-TEZ-½	½	1%	★W-35-TE-	¾-½	1%	★W-35-TES-½	½	X	X	X	¾
4	1¾	250	1½	★W-413-TEZ-½	½	1%	★W-413-TE-	¾-½	1%	★W-413-TES-½	½	X	X	X	¾
	2	300	2¾	★W-420-TEZ-¾	¾	X	X	X	X	X	X	2¾	★W-420-TE-	½-¾-¾	1¾
5	1¾	275	1½	★W-513-TEZ-½	½	1%	★W-513-TE-	¾-½	1%	★W-513-TES-½	½	X	X	X	1
	2	350	2¾	★W-520-TEZ-¾	¾	X	X	X	X	X	X	2¾	★W-520-TE-	½-¾-¾	1½
6	2	410	2¾	★W-620-TEZ-¾	¾	X	X	X	X	X	X	2¾	★W-620-TE-	½-¾-¾	1¾
8	2	500	2¾	★W-820-TEZ-¾	¾	X	X	X	X	X	X	2¾	★W-820-TE-	½-¾-¾	2½

✱ A reducing bushing is furnished for use on ¾" axles at no extra cost.

To order, add bearing size to Hamilton number.
Example: W-620-TE-¾.

Aqualite® Polyolefin Wheels

Hamilton *Aqualite*® Wheels are of the genre loosely referred to in the industry as “polyolefin” or “polypropylene,” but unlike most competitive designs they have heavily-sectioned hubs and rims to withstand the rigors of industrial service. They are injection molded from blended polymers that provide an impact-resistant wheel (75 Durometer on Shore D) impervious to water, brine, gasoline and oil, and most common acids, chemicals and solvents. Tests show *Aqualite*® material to be longer wearing and more resistant to cracking or chipping than hard rubber, yet it is low cost, non-marking and non-staining.

Consequently these wheels are ideally suited for “clean rooms,” pharmaceutical houses, poultry processors, canneries, fisheries, meat packing plants, bakeries and laundries. They meet the U.S.F.D.A. food additives regulation for direct contact with food, and are cleanable with steam or detergents.

Aqualite® Wheels can be ordered with plain self-lubricating bores for maintenance-free operation in corrosive environments. The larger sizes also offer Delrin® or, for easier rolling, roller bearings. Roller bearing equipped wheels for 5" dia. and above are equipped with lube fittings. Flange type Delrin® bearings in 1½" face sizes extend actual hub length of wheel approximately ¾"; light oiling of Delrin® or plain bores will aid rollability.

OPTIONAL EXTRAS (more help on page 12)

- **Wheel Bearing Seals with Roller Bearings.**
- **High Heat Compound** for retorts, etc. available in certain sizes (natural color only).
- **Spanner Bushings** – including stainless steel.

QUALITY FEATURES

Temperature range -20° to +140° F, intermittently to +220° F.

Industrial duty designs with smooth contours and no pockets to collect dirt.

Zero water absorption even if immersed.

FEATURED WHEEL BEARINGS

Delrin® Bearings: chemical and corrosion resistant plastic-type bearing.



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



White is the standard color on all sizes above 4" x 1⅜", while the smaller sizes are stocked in black.



★ = same day/next day
PRONTO® shipment.

A Series Selection Table

Dia.	Face	Hub Length	Cap. Lbs.	Plain Bore		Delrin Bearings		Roller Bearings		Wt. Lbs.
				Hamilton Model No.	Bore Sizes	Hamilton Model No.	Bearing Size	Hamilton Model No.	Bearing Sizes	
2½	1⅝	1½	200	★W-25-A-	⅝-½	X	X	X	X	¼
3	1⅝	1½	230	★W-30-A-¾	¾	X	X	X	X	½
3½	1⅝	1½	260	★W-35-A-½	½	X	X	X	X	½
4	1⅝	1½	300	★W-413-A-½	½	X	X	X	X	¾
	1½	1⅝	400	★W-415-A-⅝	⅝	★W-415-AZ-⅝	⅝	★W-415-AH-	½-⅝-¾	¾
	2	2⅝	550	★W-420-A-¾	¾	★W-420-AZ-¾	¾	★W-420-AH-	½-⅝-¾	¾
5	1⅝	1½	300	★W-513-A-½	½	X	X	X	X	1
	1½	1⅝	450	★W-515-A-⅝	⅝	★W-515-AZ-⅝	⅝	★W-515-AH-	½-⅝-¾	1
	2	2⅝	650	★W-520-A-¾	¾	★W-520-AZ-¾	¾	★W-520-AH-	½-⅝-¾	1
6	1½	1⅝	600	★W-615-A-⅝	⅝	★W-615-AZ-⅝	⅝	★W-615-AH-	½-⅝-¾	1
	2	2⅝	750	★W-620-A-¾	¾	★W-620-AZ-¾	¾	★W-620-AH-	½-⅝-¾	1½
8	2	2⅝	900	★W-820-A-¾	¾	★W-820-AZ-¾	¾	★W-820-AH-	½-⅝-¾	2

To order, add bore or bearing size to Hamilton number.
Example: W-415-AZ-⅝.

Note: *Aqualite*® Wheels are not recommended for continuous service (as on towlines).

HAMILTON®**Poly-Tech® Wheels**

These attractive and durable wheels feature a resilient tread of red polyurethane (90-95 Durometer Shore A) mechanically bonded to a specially designed white center of harder polypropylene. The result is a non-marking, contemporary looking wheel ideally suited for hospitals, schools, restaurants, hotels and motels, office buildings or light industry.

Poly-Tech® wheels are offered with Delrin® bearings, ball bearings, stainless steel ball bearings and straight roller bearings. The 1½" wide wheels, formerly part of the Nu-Flex Series, are available in the following series; *HL*, *300*, and *STL*. You will find the 4" x 2", 5" x 2", 6" x 2" and 8" x 2" sizes offered in our cold-forged caster series (pg. 50-59) as well as *Series STA* and *BC*.

Additional non-stock sizes and colors are available, consult factory.



This illustration of polypropylene core prior to molding on tread shows how the urethane tread material locks into, around, and onto the specially configured rim.

To order, add bearing size to Hamilton number.

Example: W-620-NF-¾.



★ = same day/next day **PRONTO®** shipment.

NF Series Selection Table

Dia.	Face	Delrin® Bearings				Ball Bearings				Stainless Steel Ball Bearings				Straight Roller Bearings				Wt. Lbs.
		Cap. Lbs.	Hub Length	Hamilton Model No.	Brg. Size	Cap. Lbs.	Hub Length	Hamilton Model No.	Brg. Size	Cap. Lbs.	Hub Length	Hamilton Model No.	Brg. Size	Cap. Lbs.	Hub Length	Hamilton Model No.	Bearing Size	
3½	1⅝	350	1½	★W-35-NFZ-½	½	350	1⅝	★W-35-NF-	¾-½	350	1⅝	★W-35-NFS-½	½	X	X	X	X	¾
4	1⅝	400	1½	★W-413-NFZ-½	½	400	1⅝	★W-413-NF-	¾-½	400	1⅝	★W-413-NFS-½	½	X	X	X	X	¾
	2	750	2⅞	★W-420-NFZ-¾	¾	X	X	X	X	X	X	X	X	750	2⅞	★W-420-NF-	½-⅝-¾	¾
5	1⅝	450	1½	★W-513-NFZ-½	½	450	1⅝	★W-513-NF-	¾-½	450	1⅝	★W-513-NFS-½	½	X	X	X	X	1
	2	1000	2⅞	★W-520-NFZ-¾	¾	X	X	X	X	X	X	X	X	1050	2⅞	★W-520-NF-	½-⅝-¾	1½
6	2	1000	2⅞	★W-620-NFZ-¾	¾	X	X	X	X	X	X	X	X	1100	2⅞	★W-620-NF-	½-⅝-¾	1¾
8	2	1000	2⅞	★W-820-NFZ-¾	¾	X	X	X	X	X	X	X	X	1200	2⅞	★W-820-NF-	½-⅝-¾	2½

⊗ A reducing bushing is furnished for use on ¾" axles at no extra cost.

HAMILTON®**Series E & F Capacity Range 120 – 650 lbs.****Ebonite and Flexonite Wheels**

★ = same day/next day
PRONTO® shipment.

Ebonite Wheels

Dia.	Face	Hub Length	Cap. Lbs.	Oilless Bearings		Straight Roller Bearings		Wt. Lbs.
				Hamilton Model No.	Bearing Size	Hamilton Model No.	Bearing Size	
2½	1½	1¼	175	★W-25-E0-¾	¾	X	X	½
3	1¼	1½	210	★W-30-E0-¾	¾	★W-30-EH-½	½	½
3½	1½	1½	225	★W-35-E0-½	½	X	X	¾
4	1¼	1½	250	★W-412-E0-½	½	X	X	1
	1½	1¾	300	★W-415-E0-¾	¾	★W-415-EH-¾	¾	1
5	1¾	1½	280	★W-512-E0-½	½	X	X	1½
	1½	1¾	450	★W-515-E0-¾	¾	★W-515-EH-¾	¾	1½
	2	2¼	550	X	X	★W-520-EH-¾	¾	2½
6	2	2¼	650	X	X	★W-620-EH-¾	¾	2¾

★ = same day/next day
PRONTO® shipment.

Flexonite Wheels

Dia.	Face	Hub Length	Cap. Lbs.	Oilless Bearings		Straight Roller Bearings		Wt. Lbs.
				Hamilton Model No.	Bearing Size	Hamilton Model No.	Bearing Size	
2½	1½	1¼	120	★W-25-F0-¾	¾	X	X	½
3	1¼	1½	125	★W-30-F0-¾	¾	★W-30-FH-¾	¾	½
3½	1½	1½	140	★W-35-F0-½	½	X	X	¾
4	1¼	1½	165	★W-412-F0-½	½	X	X	1
	1½	1¾	200	★W-415-F0-¾	¾	★W-415-FH-¾	¾	1
5	1¼	1½	190	★W-512-F0-½	½	X	X	1½
	1½	1¾	240	X	¾	★W-515-FH-¾	¾	1½

These solid rubber wheels are molded of durable compounds designed for general purpose use. They are furnished with oilless sleeve bearings or straight roller bearings as listed below.

Ebonite (All Hard)—one-piece wheel of shatter-resistant rubber throughout. Non-marking, non-sparking, easy rolling, will not develop "set" under static loads.

Flexonite (Soft Tread)—a softer rubber tread permanently molded to a hard rubber core. Recommended for light loads where noise is a factor or floors are rough, but capacity is more limited.

When a choice exists between anti-friction (roller) bearings and friction-type (oilless) bearings, operators of manually-propelled loads near rated capacities will appreciate the better rollability provided by roller bearings.

OPTIONAL EXTRAS (more help on page 12)

- Wheel Bearing Seals
- Spanner Bushings
- select from page 90.