

TENNESSEE WHEEL
By
SERVICE
CASTER CORP

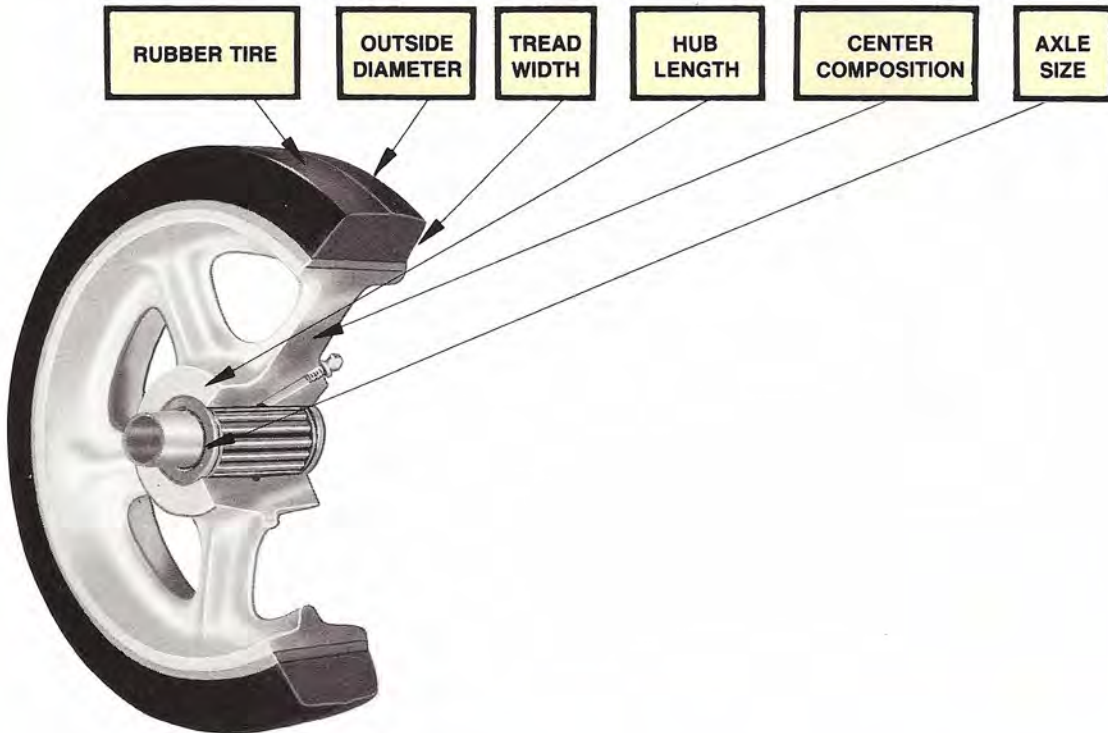


WHEEL NUMBERING SYSTEM:

The Figure Number of each wheel in this catalog has been simplified to describe each component of the wheel. Together these coded elements provide the complete descriptive information for ordering.

The following sample wheel number is illustrated with an explanation of the various letter and number codes.

RH-0415-A - CI-1/2S



PREFIX LETTER —WHEEL TYPE

RH—Rubber Tire
 PE—Pushase Low Profile Tire
 TAF—Tenn-A-Flex Cushion Type Rubber Tire
 TAT—Tenn-A-Thane Polyurethane Tire
 RPO—Press-On Rubber Tire
 PPO—Press-On Polyurethane Tire
 PH—Tenn Tex Plastic
 SS—Semi-Steel
 VG—V-Grooved Semi-Steel

HUB LENGTH

A—1 $\frac{3}{4}$ a—1 $\frac{5}{8}$ D—3 $\frac{1}{4}$
 B—2 $\frac{3}{16}$ E—4 $\frac{1}{4}$
 C—2 $\frac{3}{4}$ F—5 $\frac{1}{4}$

CENTER COMPOSITION

AL—Aluminum
 CI—Cast Iron

WHEEL DIAMETER—First 2 Digits

THREAD WIDTH

15—1 $\frac{1}{2}$ "	35—3 $\frac{1}{2}$ "
20—2"	40—4"
25—2 $\frac{1}{2}$ "	45—4 $\frac{1}{2}$ "
275—2 $\frac{3}{4}$ "	50—5"
30—3"	

WHEEL BORE/AXLE SIZE

1 $\frac{3}{16}$ — $\frac{5}{8}$, $\frac{3}{4}$
 1 $\frac{7}{16}$ — $\frac{7}{8}$, 1
 1 $\frac{9}{16}$ — $\frac{7}{8}$, 1
 1 $\frac{5}{16}$ —1, 1 $\frac{1}{8}$, 1 $\frac{1}{4}$
 2 $\frac{7}{16}$ —1 $\frac{1}{4}$, 1 $\frac{1}{2}$
 2 $\frac{9}{16}$ —1 $\frac{1}{2}$

S—SPANNER BUSHING

Catalog number not required
 when ordered with wheel

molded-on rubber tired cast iron or aluminum center...



IRON CENTER

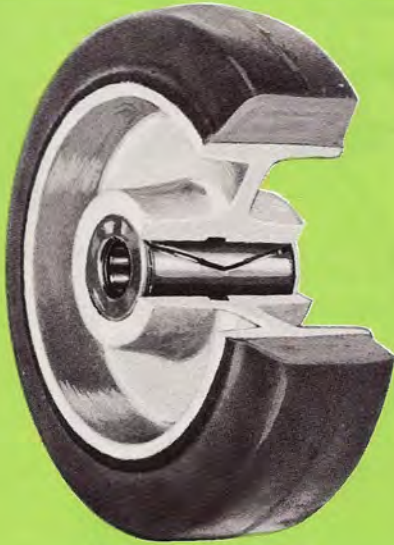
MOLDED-ON RUBBER TIRED WHEELS with cast iron or aluminum centers are available in a complete variety of sizes from 4" to 20" in diameter which meet or add to the sizes listed as standard by the Caster and Floor Truck Manufacturers Association. The aluminum centers are lighter than iron, however, the load capacity is the same. Both types are produced under a strict concept of quality which requires us to:

- 1 Combine premium quality materials and conscientious workmanship into the best product possible.
- 2 Supply the product on a strictly competitive basis.
- 3 Provide our customers with the type of service that should be expected from the manufacturer of a quality product.

SPECIFICATIONS—MOLDED ON RUBBER TIRED WHEELS WITH IRON & ALUMINUM CENTERS

TIRE SIZE	CATALOG NUMBER	IRON CENTER	ALUM. CENTER	AXLE DIAMETERS				HUB LENGTH	RATED CAPACITY	IRON APPROX. WT.	ALUM. APPROX. WT.	
4 × 1½	RH-0415 A	CI	AL	½S	⅝	¾		1¾	200		2	
4 × 2	RH-0420 B	CI	AL	½S	⅝	¾		2¾ ₁₆	290	4		
5 × 1½	RH-0515 A	CI	AL	½S	⅝	¾		1¾	240	3	2	
5 × 2	RH-0520 B	CI	AL	½S	⅝	¾		2¾ ₁₆	350	5	3	
6 × 1½	RH-0615 A	CI	AL	½S	⅝	¾		1¾	280	3	2	
6 × 2	RH-0620 B	CI	AL	⅝	¾	⅞	1	2¾ ₁₆	410	4	3	
6 × 2½	RH-0625 C		AL	⅞	1	1⅛	1¼	2¾	540		4	
6 × 2½	RH-0625 D		AL	1	1⅛	1¼		3¼	680		4	
6 × 3	RH-0630 D		AL	1	1⅛	1¼		3¼	680		5	
7 × 2	RH-0720 B	CI	AL	⅝	¾	⅞	1	2¾ ₁₆	455	6	4	
7 × 2½	RH-0725 C	CI		1	1⅛	1¼		2¾	635	10		
7 × 3	RH-0730 D	CI	AL	1	1⅛	1¼		3¼	760		6	
8 × 1½	RH-0815 B		AL		⅝	¾		2¾ ₁₆	350		4	
8 × 1⅝	RH-8162 B		AL		⅝	¾		2¾ ₁₆	375		6	
8 × 2	RH-0820 B	CI	AL	⅝	¾	⅞	1	2¾ ₁₆	500	6½	4	
8 × 2½	RH-0825 C	CI	AL	⅝	¾	⅞	1	1¼	2¾	670		5
8 × 2½	RH-0825 D	CI	AL	1	1⅛	1¼		3¼	670	11	6	
8 × 3	RH-0830 D	CI	AL	1	1⅛	1¼		3¼	840		7	
9 × 2	RH-0920 B		AL	⅝	¾	⅞	1	2¼	550		6	
9 × 2½	RH-0925 C	CI	AL	⅞	1			2¾	730		6	
9 × 3	RH-0930 D	CI		1	1⅛	1¼		3¼	920	13		
10 × 2	RH-1020 B		AL	⅝	¾	⅞	1	2¾ ₁₆	730		8	
10 × 2½	RH-1025 C	CI	AL	⅞	1	1⅛	1¼	2¾	790	13	8	
10 × 2½	RH-1025 D	CI	AL	1	1⅛	1¼		3¼	790	13	9	
10 × 3	RH-1030 D	CI	AL	1	1⅛	1¼		3¼	1000	13	9	
10 × 4	RH-1040 E	CI	AL		1	1¼		4¼	1400	23	15	

AL—Denotes Aluminum Center Available
CI—Denotes Cast Iron Center Available



ALUMINUM CENTER

GENERAL SPECIFICATIONS.

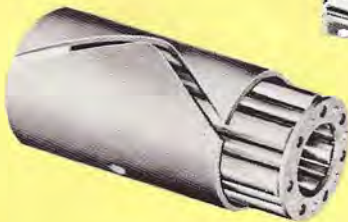
The wheel centers used on the wheels listed below have been individually designed around the rated capacity and type of work required. The hubs are accurately machined for roller bearings with hub lengths to fit all standard casters.

Our N-70 tire is used as a standard. This tire is a special compound that we have developed from years of experience. Tire hardness is 70 ± 5 on a type "A" Shore durometer.

- All Tennessee Wheels are equipped with high capacity roller bearings, with hardened rollers and hardened outer races.
- All Tennessee Wheels are equipped with pressure lubrication fittings and grease grooves for proper bearing lubrication.
- All Tennessee Wheels are painted black as standard with iron centers and unpainted with aluminum centers.

Neoprene, H-90, Static Conductive, and Non-Marking rubber tires available on special order.

TIRE SIZE	CATALOG NUMBER	IRON CENTER	ALUM. CENTER	AXLE DIAMETERS				HUB LENGTH	RATED CAPACITY	IRON APPROX. WEIGHT	ALUM. APPROX. WEIGHT
12 x 2	RH-1220 B		AL	$\frac{7}{8}$	1			$2\frac{3}{16}$	720		10
12 x 2½	RH-1225 C	CI	AL	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$2\frac{3}{4}$	900	17	11
12 x 2½	RH-1225 D	CI	AL	1	$1\frac{1}{8}$	$1\frac{1}{4}$		$3\frac{1}{4}$	900	18	11
12 x 3	RH-1230 D	CI	AL	1	$1\frac{1}{8}$	$1\frac{1}{4}$		$3\frac{1}{4}$	1140	21	12
12 x 3	RH-1230 E	CI		1	$1\frac{1}{4}$			$4\frac{1}{4}$	1140	21	
12 x 3½	RH-1235 E	CI		1	$1\frac{1}{4}$	$1\frac{1}{2}$		$4\frac{1}{4}$	1370	22	
12 x 4	RH-1240 E		AL		$1\frac{1}{4}$	$1\frac{1}{2}$		$4\frac{1}{4}$	1600		18
12 x 5	RH-1250 F		AL	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$		$5\frac{1}{4}$	2050		25
14 x 2½	RH-1425 C	CI	AL	1	$1\frac{1}{8}$	$1\frac{1}{4}$		$2\frac{3}{4}$	1020	24	18
14 x 3	RH-1430 D	CI	AL	1	$1\frac{1}{8}$	$1\frac{1}{4}$		$3\frac{1}{4}$	1280	26	16
14 x 4	RH-1440 E		AL		$1\frac{1}{4}$	$1\frac{1}{2}$		$4\frac{1}{4}$	1750		25
14 x 5	RH-1450 F		AL		$1\frac{1}{4}$	$1\frac{1}{2}$		$5\frac{1}{4}$	1950		30
16 x 2½	RH-1625 C		AL	1	$1\frac{1}{8}$	$1\frac{1}{4}$		$2\frac{3}{4}$	1130		20
16 x 3	RH-1630 D	CI	AL	1	$1\frac{1}{8}$	$1\frac{1}{4}$		$3\frac{1}{4}$	1420	32	23
16 x 4	RH-1640 E	CI		$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$		$4\frac{1}{4}$	1990	51	
16 x 5	RH-1650 F	CI	AL	$1\frac{1}{2}$	$1\frac{3}{4}$	2		$5\frac{1}{4}$	2570	70	48
18 x 2½	RH-1825 C		AL	1	$1\frac{1}{8}$	$1\frac{1}{4}$		$2\frac{3}{4}$	1240		25
18 x 3	RH-1830 D		AL	1	$1\frac{1}{8}$	$1\frac{1}{4}$		$4\frac{1}{4}$	1550		28
18 x 5	RH-1850 F	CI	AL	$1\frac{1}{2}$	$1\frac{3}{4}$	2		$5\frac{1}{4}$	2800	75	53
20 x 3	RH-2030 D		AL			$1\frac{1}{4}$	$1\frac{1}{2}$	$3\frac{1}{4}$	1680	46	30
20 x 3	RH-2030 E		AL		$1\frac{1}{4}$	$1\frac{1}{2}$		$4\frac{1}{4}$	1680	48	35
20 x 5	RH-2050 F	CI	AL	$1\frac{1}{2}$	$1\frac{3}{4}$	2		$5\frac{1}{4}$	3020	83	65



heavy duty molded-on rubber tired wheels

The Heavy Duty wheels listed below have molded-on rubber tires and extra heavy cast iron centers designed specifically for the larger bearings and rough service. The large diameter hubs will accommodate either tapered roller bearings or large straight roller bearings.

All tapered roller bearings are of the sealed type.

N-70 tires are standard; however, these wheels are available with H-90, Neoprene, or Static Conductive tires.

TIRE SIZE	CATALOG NUMBER	IRON CENTER	ALUM. CENTER	AXLE DIAMETER			HUB LENGTH	BEARING TYPE	CAPACITY		IRON APPROX. WT.	ALUM. APPROX. WT.
									N-70	H-90		
8 x 3	RH-0830 DT	CI		3/4	1	1 1/4	3 1/4	Tapered Roller	840	1680	15	
10 x 3	RH-1030 D HD	CI		1 1/4		1 1/2	3 1/4	Straight Roller	1000	1500	20	
10 x 3	RH-1030 DT	CI		3/4	1	1 1/4	3 1/4	Tapered Roller	1000	2000	20	
10 x 4	RH-1040 E HD	CI	AL	1 1/4		1 1/2	4 1/4	Straight Roller	1400	2000	25	14
10 x 4	RH-1040 E T	CI	AL	1		1 1/4	4 1/4	Tapered Roller	1400	2800	25	14
12 x 3	RH-1230 D HD	CI	AL	1 1/4		1 1/2	3 1/4	Straight Roller	1140	1600	24	14
12 x 3	RH-1230 DT	CI	AL	1		1 1/4	3 1/4	Tapered Roller	1140	2280	24	14
12 x 3 1/2	RH-1235 E HD	CI	AL	1 1/4		1 1/2	4 1/4	Straight Roller	1370	2200	28	18
12 x 3 1/2	RH-1235 E T	CI	AL	1		1 1/4	4 1/4	Tapered Roller	1370	2740	28	18
12 x 4	RH-1240 E HD		AL	1 1/4	1 3/8	1 1/2	4 1/4	Straight Roller	1600	2200		20
12 x 4	RH-1240 E T		AL	1 1/4		1 1/2	4 1/4	Tapered Roller	1600	3200		20
14 x 3	RH-1430 D HD	CI		1 1/4		1 1/2	3 1/4	Straight Roller	1280	1600	27	
14 x 3	RH-1430 DT	CI		1	1 1/4	1 1/2	3 1/4	Tapered Roller	1280	2600	27	
14 x 4	RH-1440 E HD		AL	1 1/4	1 3/8	1 1/2	4 1/4	Straight Roller	1750	2900		24
14 x 4	RH-1440 E T		AL	1 1/4		1 1/2	4 1/4	Tapered Roller	1750	3500		24
14 x 5	RH-1450 F T		AL	1 1/4		1 1/2	5 1/4	Tapered Roller	1950	3900		30
16 x 3	RH-1630 D T	CI		1		1 1/4	3 1/4	Tapered Roller	1420	2840	34	
16 x 4	RH-1640 E T	CI		1 1/4		1 1/2	4 1/4	Tapered Roller	1990	3980	70	
16 x 5	RH-1650 F T	CI		1 1/4		1 1/2	5 1/4	Tapered Roller	2570	5140	75	
18 x 3	RH-1830 E HD	CI		1 1/4		1 1/2	4 1/4	Straight Roller	1550	2000	45	
18 x 5	RH-1850 F T	CI		1 1/4		1 1/2	5 1/4	Tapered Roller	2800	5600	75	
20 x 5	RH-2050 FT	CI		1 1/4		1 1/2	5 1/4	Tapered Roller	3020	6040	95	

pushease



THE ORIGINAL LOW-PROFILE RUBBER TIRE WHEEL

THE PUSHEASE WHEEL is the distinctive low profile wheel recognized as the industry standard for "HI-CAPACITY" smooth surface material handling. By actual tests, trucks equipped with PUSHEASE WHEELS required 20% less effort to begin and sustain movement than those with conventional rubber tired wheels. It has a cast iron or aluminum center and Low Profile rubber tire. It is designed to combine into one wheel the distinguishing characteristics of molded-on, plastic, and metal wheels. It has the quietness and the smooth rolling qualities of regular molded-on wheels, the high capacity of plastic wheels and the economy of metal wheels.

These wheels should be used only on smooth floors and are particularly suited to conveyerized systems. They are furnished with roller bearings and grease fittings for pressure lubrication.

THE PUSHEASE WHEEL has proven itself in use for the past 25 years and has been accepted as standard by many manufacturers of tow-line carts.

★ N-70 Rubber Tires are standard on all PUSHEASE WHEELS.

★ Neoprene, H-90 or non-marking Tires are available on special order.

PUSHEASE WHEELS are available in the following sizes:

SPECIFICATIONS—PUSHEASE WHEELS

TIRE SIZE	CATALOG NUMBER	IRON CENTER	ALUM. CENTER	AXLE DIAMETER			HUB LENGTH	RATED CAP	IRON APPROX. WEIGHT	ALUM. APPROX. WEIGHT
* 5 × 1½	PE-0515-A		AL	½S	⅝	¾	1¾	200		2
* 6 × 1½	PE-0615-A		AL	½S	⅝	¾	1¾	240		2½
* 6 × 2	PE-0620-B	CI	AL	½S	⅝	¾	2⅜	300	5	2½
* 8 × 1½	PE-0815-B		AL	½S	⅝	¾	2⅜	350		3
* 8 × 2	PE-0820-B	CI	AL	½S	⅝	¾	2⅜	400	8	4
* 8 × 2½	PE-0825-C	CI	AL		⅝	¾	2¾	500	9	5
* 8 × 2½	PE-0825-C	CI	AL	⅞		1	2¾	500	9	5
10 × 2½	PE-1025-C	CI		⅞		1	2¾	600	11	
*10 × 2½	PE-1025-C		AL	1	1⅝	1¼	2¾	600		6
12 × 2½	PE-1225-C	CI	AL	⅞		1	2¾	700	13	8
12 × 2½	PE-1225-C		AL	1	1⅝	1¼	2¾	700		8

Washer seals are available on all PUSHEASE WHEELS equipped with ¾" Bearings.

*Solid Web Design Castings

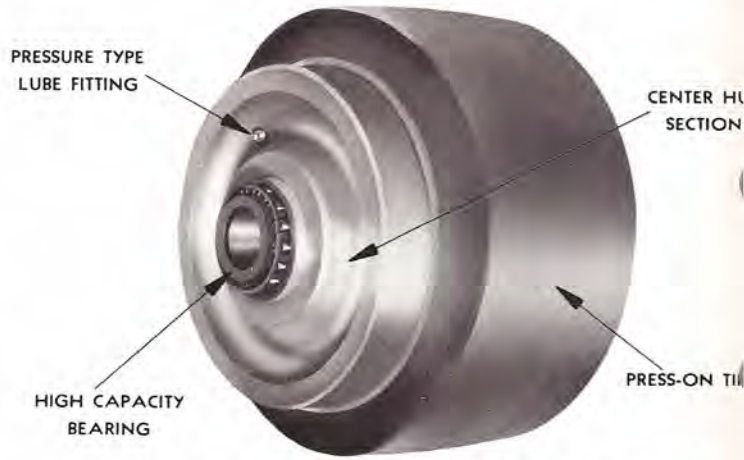
big tenn

press-on rubber tired wheels

SPECIAL FEATURES

- * Now available with Polyurethane or Rubber
- * Hub Caps available
- * Sealed Tapered Roller Bearings
- * Center Hub sections are made of Cast Aluminum
- * Quotations on specials available on request—Also Keyways

SPECIFY TENNESSEE PRESS-ON WHEELS ON YOUR HEAVY DUTY TRAILERS



FOR HEAVY DUTY TRAILERS

These Wheels represent the ultimate in high capacity, durability, and trouble free performance on trailers having capacities over 8,000 pounds. Press-on Rubber Tired Wheels consist of a center hub section and a steel rim on which a rubber tire is vulcanized. The tire with steel rim is pressed over the center hub section and can be removed and replaced when tires are worn. The thicker rubber tires have greater resiliency than conventional molded-on wheels.

TIRE SIZE	PART NUMBER	HUB LENGTH*	STRAIGHT ROLLER BEARING	TAPERED ROLLER BEARING	TREAD DESIGN	TIRE CAP. (LBS.)	HUB DIA.	UNIT WT. (LBS.)
15 x 5 x 11 1/4	RPO-15500-H-1 1/4	5 1/2	1 1/4		PL NS	2210	3 3/4	50
15 x 5 x 11 1/4	RPO-15500-H-1 1/2	5 1/2	1 1/2		PL NS	2210	3 3/4	50
15 x 5 x 11 1/4	RPO-15500-T-1 1/4	5 1/2		1 1/4	PL NS	2210	3 3/4	50
15 x 5 x 11 1/4	RPO-15500-T-1 1/2	5 1/2		1 1/2	PL NS	2210	3 3/4	50
15 x 6 x 11 1/4	RPO-15600-T-1 1/4	6 1/2		1 1/4	PL NS	2750	3 3/8	56
15 x 6 x 11 1/4	RPO-15600-T-1 1/2	6 1/2		1 1/2	PL NS	2750	3 3/8	56
15 x 7 x 11 1/4	RPO-15700-T-1 1/4	6 1/2		1 1/4	PL	3290	3 3/8	76
15 x 7 x 11 1/4	RPO-15700-T-1 1/2	6 1/2		1 1/2	PL	3290	3 3/8	76
15 x 8 x 11 1/4	RPO-15800-T-1 1/4	8 1/2		1 3/4	PL	3820	5 1/4	110
15 x 8 x 11 1/4	RPO-15800-T-2	8 1/2		2	PL	3820	5 1/4	110
15 x 9 x 11 1/4	RPO-15900-T-1 3/4	9 1/2		1 3/4	PL	4750	5 1/4	120
15 x 9 x 11 1/4	RPO-15900-T-2	9 1/2		2	PL	4750	5 1/4	120
16 1/4 x 6 x 11 1/4	RPO-1625600-H-1 1/2	6 1/2	1 1/2		PL NS	3020	4 1/2	80
16 1/4 x 6 x 11 1/4	RPO-1625600-T-1 1/2	6 1/2		1 1/2	PL NS	3020	4 1/2	80
17 x 5 x 12 1/8	RPO-175500-T-1 1/4	5 1/2		1 1/4	PL	2480	3 3/4	85
17 x 5 x 12 1/8	RPO-175500-T-1 1/2	5 1/2		1 1/2	PL	2480	3 3/4	85
17 3/4 x 5 x 12 1/8	RPO-1775500-T-1 1/4	5 1/2		1 1/4	NS	2580	3 3/4	90
17 3/4 x 5 x 12 1/8	RPO-1775500-T-1 1/2	5 1/2		1 1/2	NS	2580	3 3/4	90
18 x 5 x 12 1/8	RPO-18500-T-1 1/4	5 1/2		1 1/4	NS	2590	3 3/4	95
18 x 5 x 12 1/8	RPO-18500-T-1 1/2	5 1/2		1 1/2	NS	2590	3 3/4	95
18 x 6 x 12 1/8	RPO-18600-T-1 1/4	6 1/2		1 1/4	NS	3300	3 3/4	100
18 x 6 x 12 1/8	RPO-18600-T-1 1/2	6 1/2		1 1/2	NS	3300	3 3/4	100
18 x 8 x 12 1/8	RPO-18800-T-1 1/2	8 1/2		1 1/2	PL NS	4770	6	120
18 x 8 x 12 1/8	RPO-18800-T-1 3/4	8 1/2		1 3/4	PL NS	4770	6	120
18 x 8 x 12 1/8	RPO-18800-T-2	8 1/2		2	PL NS	4770	6	120
18 x 9 x 12 1/8	RPO-18900-T-1 1/2	9 1/2		1 1/2	NS	5460	6	140
18 x 9 x 12 1/8	RPO-18900-T-1 3/4	9 1/2		1 3/4	NS	5460	6	140
18 x 9 x 12 1/8	RPO-18900-T-2	9 1/2		2	NS	5460	6	140
20 x 5 x 16	RPO-20500-T-1 1/2	5 1/2		1 1/2	PL NS	2750	4 3/4	90
20 x 5 x 16	RPO-20500-T-1 3/4	5 1/2		1 3/4	PL NS	2750	4 3/4	90
20 x 5 x 16	RPO-20500-T-1 3/4	5 1/2		1 3/4	PL NS	2750	6	100
20 x 8 x 16	RPO-20800-T-1 3/4	8 1/2		1 3/4	PL NS	5020	5	140
20 x 8 x 16	RPO-20800-T-2	8 1/2		2	PL NS	5020	5	140
20 x 6 x 16	RPO-20600-T-1 1/2	6 1/2		1 1/2	PL NS	3410	4	105
20 x 6 x 16	RPO-20600-T-1 3/4	6 1/2		1 3/4	PL NS	3410	4	105
20 x 6 x 16	RPO-20600-T-2	6 1/2		2	PL NS	3410	4	105
20 x 7 x 16	RPO-20700-T-1 1/2	7 1/2		1 1/2	PL NS	4080	5	120
20 x 7 x 16	RPO-20700-T-1 3/4	7 1/2		1 3/4	PL NS	4080	5	120
20 x 7 x 16	RPO-20700-T-2	7 1/2		2	PL NS	4080	5	120
22 x 7 x 16	RPO-22700-T-1 3/4	7 1/2		1 3/4	NS	4720	5	150
22 x 7 x 16	RPO-22700-T-2	7 1/2		2	NS	4720	5	150
22 x 8 x 16	RPO-22800-T-1 3/4	8 1/2		1 3/4	NS	5550	5	165
22 x 8 x 16	RPO-22800-T-2	8 1/2		2	NS	5550	5	165
22 x 10 x 16	RPO-221000-T-1 3/4	10		1 3/4	PL NS	7420	6	280
22 x 10 x 16	RPO-221000-T-2	10		2	PL NS	7420	6	280

- * POLYURETHANE TIRES ARE AVAILABLE WITH DOUBLE CAPACITY!
- * H-90 RUBBER IS AVAILABLE WITH DOUBLE CAPACITY!
- * NEOPRENE & STATIC CONDUCTIVE TIRES AVAILABLE.
- * STANDARD HUB LENGTH 1/2" LONGER THAN THREAD WIDTH

PL—DENOTES SMOOTH TREAD
NS—DENOTES NON-SKID TREAD
TIRES MAY BE PURCHASED SEPARATELY—SEE TIRE SIZES AVAILABLE ON PAGE 9.



RUBBER/POLYURETHANE

press-on tires

for new applications

for replacement service

UNIVERSAL (Standard)			
SIZE	CARRYING CAPACITY (POUNDS)★	TREAD ★★ DESIGN	APPROX. SHIPPING WT.—LBS.
10 x 3 x 6¼	850	Plain	10
16 x 3 x 11¼	1150	Plain	18
10 x 3½ x 6	960	Plain	12
12 x 3½ x 8	1200	Plain	16
15 x 3½ x 11¼	1410	Plain	20
16 x 3½ x 12	1480	Plain	22
16 x 3½ x 12½	1480	Plain	22
27½ x 3½ x 23½	2190	Plain	41
8½ x 4 x 4	1100	Plain	11
10 x 4 x 5	1200	Plain	14
10 x 4 x 5 7/16	1240	Plain	14
10 x 4 x 6¼	1180	Plain	14
10 x 4 x 6½	1180	Plain	14
12 x 4 x 8	1420	Plain	18
14 x 4 x 10	1600	Plain	22
15 x 4 x 11¼	1680	PL or NS	23
16 x 4 x 12½	1770	Plain	25
20 x 4 x 16	2090	PL or NS	34
24 x 4 x 20	2390	Plain	22
27¾ x 4¼ x 23½	2890	Plain	53
8 x 4½ x 4½	1100	Plain	12
12 x 4½ x 8	1650	Plain	19
16 x 4½ x 12	2050	Plain	29
16 x 4½ x 12½	2040	Plain	28
22 x 4½ x 17¾	2600	PL or NS	42
9 x 5 x 5	1510	Plain	15
10 x 5 x 6½	1530	Plain	17
10½ x 5 x 6½	1690	Plain	19
14 x 5 x 10	2100	PL or NS	28
15 x 5 x 11¼	2210	PL or NS	29
17 x 5 x 12½	2480	Plain	37
18 x 4 x 14	2400	Plain	36
18 x 5 x 14	2540	Plain	40
20 x 5 x 16	2750	PL or NS	43
21 x 5 x 15	2930	PL or NS	48
10 x 6 x 6¼	2030	Plain	22
10½ x 6 x 6½	2100	Plain	23
15 x 6 x 11¼	2750	PL or NS	36
17 x 6 x 12½	3120	PL or NS	45
20 x 6 x 16	3410	PL or NS	52
22 x 6 x 17¾	3670	Non-Skid	56
10 x 7 x 6¼	2430	Plain	26
10½ x 7 x 6½	2510	Plain	26
15 x 7 x 11¼	3290	Plain	42
17 x 7 x 12½	3770	Non-Skid	52
20 x 7 x 16	4080	PL or NS	62
22 x 7 x 17¾	4380	PL or NS	70
28 x 7 x 23½	5470	Plain	94
15 x 8 x 11¼	3820	Plain	49
20 x 8 x 16	5020	PL or NS	71
22 x 8 x 17¾	5090	PL or NS	78
15 x 9 x 11¼	4750	Plain	56
20 x 9 x 16	5820	PL or NS	81
22 x 10 x 16	7420	Grooved	112
22 x 10 x 17¾	6920	Grooved	97
22 x 12 x 16	9420	Plain	138
28 x 14 x 22	12600	Grooved	210

CUSHION TYPE (Extra Thick Tire)			
SIZE	CARRYING CAPACITY (POUNDS)★	TREAD ★★ DESIGN	APPROX. SHIPPING WT.—LBS.
13 x 3½ x 8	1240	PL or NS	17
14¾ x 4 x 10	1660	Non-Skid	22
16¼ x 4 x 11¼	1780	Non-Skid	26
13 x 4½ x 8	1770	Non-Skid	21
13½ x 4½ x 8	1790	Non-Skid	23
14 x 4½ x 8	1860	Non-Skid	24½
16 x 4½ x 10½	2040	Non-Skid	31
17 x 4½ x 12½	2160	Non-Skid	30½
10½ x 5 x 5	1740	PL or NS	18
15½ x 5 x 10	2330	Non-Skid	32
16 x 5 x 10½	2370	PL or NS	34
16¼ x 5 x 11¼	2400	Non-Skid	32
17¾ x 5 x 12½	2580	Non-Skid	37
18 x 5 x 12½	2590	PL or NS	39
21 x 5 x 15	2930	Non-Skid	46
22 x 5 x 16	3030	Non-Skid	50
13½ x 5½ x 8	2370	Non-Skid	32
10½ x 6 x 5	2220	Non-Skid	22
15½ x 6 x 10	2980	PL or NS	37
16 x 6 x 10½	3030	PL or NS	40
16¼ x 6 x 11¼	3020	Non-Skid	39
17¾ x 6 x 12½	3290	Non-Skid	45
18 x 6 x 12½	3300	Non-Skid	47
21 x 6 x 15	3740	Non-Skid	58
22 x 6 x 16	3870	Non-Skid	61
16¼ x 7 x 11¼	3640	Non-Skid	46
18 x 7 x 12½	4050	PL or NS	54
21 x 7 x 15	4550	PL or NS	68½
22 x 7 x 16	4720	Non-Skid	71½
18 x 8 x 12½	4770	PL or NS	63
21 x 8 x 15	5360	Non-Skid	77½
22 x 8 x 16	5550	Non-Skid	81
23¾ x 8 x 17¾	5880	Non-Skid	91
18 x 9 x 12½	5460	Non-Skid	71
21 x 9 x 15	6130	Non-Skid	87½
22 x 9 x 16	6390	Non-Skid	93
22 x 12 x 16	9420	Non-Skid	126

★ POLYURETHANE—twice the capacity

★★ Polyurethane Tread Design Smooth/Crowned Smooth

All Sizes Available with the Following Type Tires

- Standard Rubber—(70 Durometer)
- Neoprene Rubber—(70 Durometer)
- Static Conductive—(70 Durometer) (U.L. Approved)
- H-90 Rubber—(90 Durometer)
- Polyurethane—(90 Durometer)
- Non Marking—(70 Durometer)

tenn-a-thane

INDUSTRIAL WHEELS POLYURETHANE TIRES

TENN-A-THANE WHEELS are made from the finest Polyurethane available from America's foremost chemical supplier.

TENN-A-THANE WHEELS are ideally suited to conditions requiring high load capacities, pulling ease, resistance to oil and solvent, and extremely low temperatures.

TENN-A-THANE WHEELS were tested in an independent laboratory and were proven to have safe loading capacities of 2 to 5 times that of rubber under normal conditions and to have an abrasion resistance up to 10 times greater than rubber.

TENN-A-THANE WHEELS are available in a wide range of standard sizes from stock or three weeks' delivery basis. The tread is Green, and the Cast Iron center is painted aluminum as standard. Pressure lubrication fittings are installed in all wheels.

NEW SIZES are continually being added.

GENERAL SPECIFICATIONS

- TENN-A-THANE WHEELS** have a **first** quality polyurethane tire (shore "A" 90 hardness) permanently bonded to a metal center.
- TENN-A-THANE WHEELS** have a cast iron or cast aluminum center designed around the rated capacity and accurately machined for roller bearing with hub lengths to fit all standard casters.
- TENN-A-THANE WHEELS** are equipped with high capacity roller bearings with hardened rollers and hardened outer races. (Timken tapered roller bearings upon request).
- TENN-A-THANE WHEELS** are equipped with pressure lubrication fittings and grease grooves for proper bearing lubrication.
- TENN-A-THANE WHEELS** are painted aluminum as standard.

(SPECIAL DESIGN AND MACHINING ON REQUEST)

SPECIFICATIONS—
TENN-A-THANE TIRE WHEELS

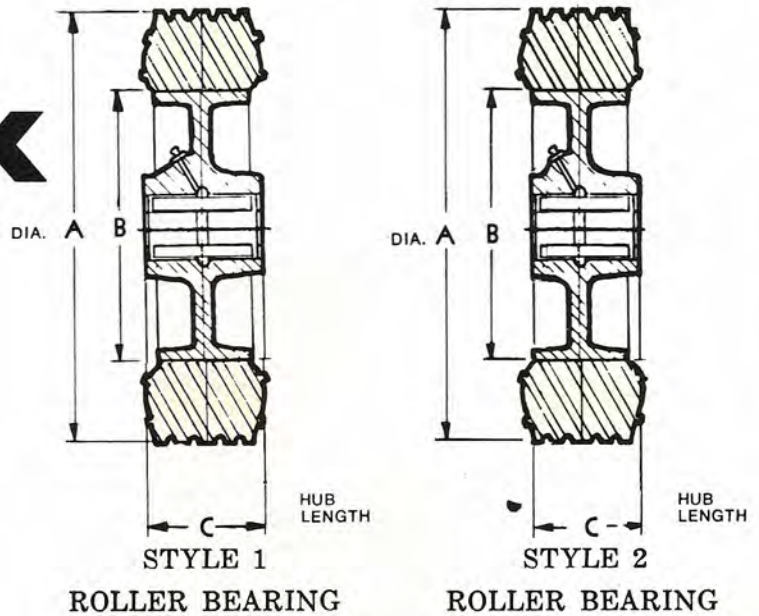


*Denotes—Timken Bearings Also Available.

TIRE SIZE	CATALOG NUMBER	IRON CENTER	ALUM. CENTER	AXLE DIAMETERS	HUB LENGTH	RATED CAP. at 10% DEFLECTION	IRON APPROX. WEIGHT	ALUM. APPROX. WEIGHT	TIRE THICKNESS
4 x 1½	TAT-0415-A		AL	5/8 1/2S 3/4	1¾	675		1½	3/8
4 x 2	TAT-0420-B		AL	5/8 1/2S 3/4	2¾	900		2	3/8
5 x 1½	TAT-0515-A		AL	5/8 1/2S 3/4	1¾	750		2	3/8
5 x 2	TAT-0520-B	CI	AL	5/8 1/2S 3/4	2¾	1000	4½	3	3/8
5 x 3	TAT-0530-D		AL	1 1/4 1 1/4	3¼	1500		3	3/8
6 x 1½	TAT-0615-A		AL	5/8 1/2S 3/4	1¾	825		2½	3/8
6 x 2	TAT-0620-B	CI	AL	5/8 1/2S 3/4	2¾	1100	5	3	3/8
6 x 2½	TAT-0625-C	CI		3/8 1	2¾	1375	9		3/8
6 x 3	TAT-0630-D	CI	AL	1 1 1 1/4	3¼	1650	11	6½	3/8
7 x 2	TAT-0720-B	CI	AL	5/8 1/2S 3/4	2¾	1180	7	3½	3/8
7 x 2½	TAT-0725-C		AL	1 1 1 1/4	2¾	1400		4	3/8
7 x 3	TAT-0730-D	CI	AL	1 1 1 1/4	3¼	1770	15	7	3/8
8 x 2	TAT-0820-B	CI	AL	5/8 1/2S 3/4	2¾	1260	8	4½	3/8
8 x 2	TAT-0820-B	CI		3/8 1	2¾	1260	9		3/8
8 x 2½	TAT-0825-C	CI	AL	3/8 1	2¾	1575	12	6	3/8
8 x 2½	TAT-0825-C	CI		1 1 1 1/4	2¾	1575	12		3/8
8 x 2½	TAT-0825-D		AL	1 1 1 1/4	3¼	1575		6	3/8
8 x 3*	TAT-0830-D	CI	AL	1 1 1 1/4	3¼	1890	18	8	3/8
8 x 3*	TAT-0830-DH	CI		1 1 1 1/4	3¼	2000	16		3/4
9 x 2½	TAT-0925-D		AL	1 1 1 1/4	3¼	1900		6	1/2
9 x 3	TAT-0930-D	CI	AL	1 1 1 1/4	3¼	2100	19	8	1/2
10 x 2½	TAT-1025-C		AL	1 1 1 1/4	2¾	2025		8	1/2
10 x 2½	TAT-1025-D		AL	1 1 1 1/4	3¼	2025		8	1/2
10 x 3*	TAT-1030-D	CI	AL	1 1 1 1/4	3¼	2430	23	12	1/2
10 x 4	TAT-1040-E		AL	1 1 1 1/4 1 1/2	4¼	4600		14	1
12 x 2½	TAT-1225-D	CI	AL	1 1 1 1/4	3¼	2225	20	11	1/2
12 x 3*	TAT-1230-D	CI	AL	1 1 1 1/4	3¼	2670	29	16	1/2
12 x 3½*	TAT-1235-E	CI	AL	1 1 1 1/4 1 1/2	4¼	3115	33		1/2
12 x 4*	TAT-1240-E		AL	1 1 1 1/4 1 1/2	4¼	5000		18	1
12 x 5	TAT-1250-F		AL	1 1 1 1/2	5¼	6250		25	1
14 x 2½	TAT-1425-C	CI	AL	1 1 1 1/4	2¾	3375	22	13	1
14 x 3	TAT-1430-D	CI	AL	1 1 1 1/4	3¼	4050	24	14	1
14 x 4	TAT-1440-E		AL	1 1 1 1/2	4¼	5400		22	1
14 x 5	TAT-1450-F		AL	1 1 1 1/2	5¼	6750		46	1
16 x 2½	TAT-1625-C		AL	1 1 1 1/4	2¾	3625		20	1
16 x 3	TAT-1630-D	CI		1 1 1 1/2	3¼	4350	40		1
16 x 4*	TAT-1640-E	CI		1 1 1 1/2	4¼	5800	50		1
16 x 5	TAT-1650-F	CI		1 1 1 1/2 2	5¼	7250	70		1
18 x 5	TAT-1850-F	CI		1 1 1 1/2 2	5¼	7750	84		1
20 x 3	TAT-2030-E		AL	1 1 1 1/2	4¼	4800		29	1
20 x 5	TAT-2050-F	CI		1 1 1 1/2 2	5¼	8000	94		1

tenn-a-flex

SPECIFICATIONS



	TIRE SIZE	CATALOG NUMBER	ROLLER BEARINGS		UNIT WEIGHT	TIRE CAPACITY		DIMENSIONS			
								A	B	C	
1	6 × 2.00	TAF-0620 B-AL	5/8	3/4	3	300	Style 1	6	3	2 ³ / ₁₆	
2	8 × 2.50	TAF-0825 B-AL	5/8	3/4	6	500	Style 1	8	4 ¹ / ₄	2 ³ / ₁₆	
		TAF-0825 A-AL					Style 2	8	4 ¹ / ₄	1 ³ / ₄	
3	10 × 2.75	TAF-10272 C-AL	5/8	3/4	9	650	Style 1	10	6 ¹ / ₄	2	
		TAF-10275 B-AL					Style 2	10	6 ¹ / ₄	2 ³ / ₁₆	
4	10 × 2.75	TAF-10275 C-AL	7/8	1	10	650	Style 1	10	6 ¹ / ₄	2 ³ / ₄	
	12 × 2.75	TAF-12275 C-AL	7/8	1	13	750	Style 1	12	8	2 ³ / ₄	
	12 × 2.75	TAF-12275 C-AL	1 ¹ / ₈	1 ¹ / ₄	14	750	Style 1	12	8	2 ³ / ₄	
5	14 × 3.25	TAF-14325 D-AL	1	1 ¹ / ₈	1 ¹ / ₄	18	1000	Style 1	14	10	3 ¹ / ₄
6	16 × 4.00	TAF-1640 E-AL	1	1 ¹ / ₈	1 ¹ / ₄	28	1500	Style 1	16	11	4 ¹ / ₄

Items 4, 5, and 6 available with Taper Roller Bearings, Special Hub Lengths, Hub Caps, Special Machining. Send us a sketch or print of your requirements.

APPLICATIONS

Replace those worn out pneumatics and Semi-Pneumatics with Tenn-A-Flex.

Specify Tenn-A-Flex wheels on your new trucks.

Forget about the annoyance of punctures and collapsed tires.

APPLIANCE TRUCKS—The easy rolling and shock absorbing characteristics of TENN-A-FLEX wheels make them ideal for appliance trucks. A leading manufacturer of appliance trucks is now using TENN-A-FLEX wheels.

BOTTLERS TRUCKS—The rugged cast aluminum centers of these wheels eliminate the maintenance problems associated with broken hubs of conventional wheels.

INDUSTRIAL TRAILERS—Where protection of load, ease of handling, minimum maintenance and rugged service is required. The 16 x 4.00 is particularly adaptable for airports, warehouses, and factories. These wheels are not designed for highway use.

BAGGAGE WAGONS & AIRCRAFT GROUND SUPPORT CARTS—The cushioning effect and puncture proof characteristics of these wheels lend themselves to a wide variety of applications where these requirements are essential.

tenn-tex

PLASTIC WHEELS



ADVANTAGES

Plastic wheels, with a hardness comparable to hardwood, roll easily yet protect floors from excessive wear.

Plastic wheels have twice the load capacity of rubber wheels.

Plastic wheels weigh less than half as much as steel wheels.

Plastic wheels are water resistant; will not rust or corrode.

Plastic wheels resist oil, grease, salt solutions, animal acids, commercial solvents, acid and alkali solutions.

Plastic wheels give continuous service at minus 50° F to plus 260° F.

SPECIFICATIONS—TENN TEX PLASTIC WHEELS

SIZE	CATALOG NUMBER	AXLE DIAMETER			HUB LENGTH	STANDARD BORE	RATED CAPACITY	WEIGHT LBS.
3 × 1½	PH-0315-a	½S	⅝	¾	1⅝	1⅜	500	½
3¼ × 1½	PH-032515-a	½S	⅝	¾	1⅝	1⅜	600	½
3¼ × 1½	PH-032515-B	½S	⅝	¾	2⅜	1⅜	600	½
3¼ × 2	PH-032520-B	½S	⅝	¾	2⅜	1⅜	700	⅔
4 × 1½	PH-0415-a	½S	⅝	¾	1⅝	1⅜	600	⅔
4 × 2	PH-0420-B	½S	⅝	¾	2⅜	1⅜	800	1
5 × 1½	PH-0515-a	½S	⅝	¾	1⅝	1⅜	600	1
5 × 2	PH-0520-B	½S	⅝	¾	2⅜	1⅜	1000	1½
6 × 1½	PH-0615-a	½S	⅝	¾	1⅝	1⅜	800	1⅓
6 × 2	PH-0620-B	½S	⅝	¾	2⅜	1⅜	1200	2¼
6 × 2½	PH-0625-D	1	1⅝	1¼	3¼	1⅝	1600	3
6 × 3	PH-0630-D	1	1⅝	1¼	3¼	1⅝	2000	3½
8 × 2	PH-0820-B	½S	⅝	¾	2⅜	1⅜	1400	3½
8 × 2½	PH-0825-D	1	1⅝	1¼	3¼	1⅝	2000	4¾
8 × 3	PH-0830-D	1	1⅝	1¼	3¼	1⅝	2500	5⅓
10 × 2½	PH-1025-D	1	1⅝	1¼	3¼	1⅝	2500	6⅓
10 × 3	PH-1030-D	1	1⅝	1¼	3¼	1⅝	2900	8¼
12 × 2½	PH-1225-D	1	1⅝	1¼	3¼	1⅝	3000	10
12 × 3	PH-1230-D	1	1⅝	1¼	3¼	1⅝	3500	11¼
16 × 3	PH-1630-E	1¼		1½	4¼	2⅞	4000	24
16 × 4	PH-1640-F	1¼	1½	2	5¼	2⅞	8000	31
18 × 3	PH-1830-D	1	1⅝	1¼	3¼	1⅝	3500	23

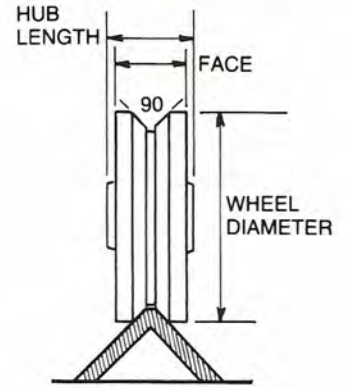
AVAILABLE TYPES

FULLY MACERATED—For normal use and normal impact loads.

PALLET WHEELS—Full laminated tread bonded to a metal insert.

LOW WATER ABSORPTION TYPE—Very high resistance to water.

v-grooved semi-steel wheels



V-GROOVED WHEELS are designed to operate on inverted angle iron tracks. This allows movement of very heavy loads without destroying floor surfaces. These wheels are very flexible in that they operate on regular floors when necessary.

Either 1¼ x 1¼ or 1½ x 1½ angle iron is recommended for use with 4" and 6" diameter wheels, 2 x 2 and heavier angle for wheels 8" and larger.

SPECIFICATIONS—V-GROOVE SEMI STEEL

WHEEL SIZE	CATALOG NUMBER	V-GROOVE WIDTH	AXLE SIZE			HUB LENGTH	RATED CAPACITY	WEIGHT LBS.
3 x 1½	VG-0315-a	¾	½	⅝	¾	1⅝	500	2
4 x 1½	VG-0415-a	¾	½	⅝	¾	1⅝	600	4
4 x 2	VG-0420-B	⅞	½	⅝	¾	2⅜ ₁₆	1000	5
5 x 2	VG-0520-B	⅞	½	⅝	¾	2⅜ ₁₆	1000	6
6 x 2	VG-0620-B	⅞	½	⅝	¾	2⅜ ₁₆	1000	7
6 x 2½	VG-0625-C	⅞	1		1¼	2¾	2400	11
6 x 3	VG-0630-D	⅞	1		1¼	3¼	3000	13
8 x 2	VG-0820-B	⅞	½	⅝	¾	2⅜ ₁₆	1200	10
8 x 2½	VG-0825-C	⅞	1		1¼	2¾	2400	17
8 x 3	VG-0830-D	1⅜	1		1¼	3¼	3000	19
8 x 4	VG-0840-E	1¾	1¼		1½	4¼	6000	31
10 x 3	VG-1030-D	1⅜	1		1¼	3¼	3000	28
10 x 4	VG-1040-E	1¾	1¼		1½	4¼	6800	39

semi-steel wheels

CASTER-TYPE—Improved, Quality, Roller Bearings,
Pressure Fittings, Smooth Machined Tread



SEMI-STEEL WHEELS provide maximum strength, load capacity, and easiest rolling qualities.

NOTE: Capacity of semi-steel wheels are approximately twice those shown for rubber-tired wheels.

SPECIFICATIONS—SEMI-STEEL WHEELS

WHEEL SIZE	CATALOG NUMBER	AXLE SIZE	HUB LENGTH	RATED CAPACITY	WEIGHT LBS.
4 × 1½	SS-0415-a	½S 5/8 ¾	1½	400	2¾
4 × 2	SS-0420-B	½S 5/8 ¾	2¾	1000	3½
5 × 1½	SS-0515-a	½S 5/8 ¾	1½	600	2¾
5 × 2	SS-0520-B	½S 5/8 ¾	2¾	1000	4¼
6 × 1½	SS-0615-a	½S 5/8 ¾	1½	700	5
6 × 2	SS-0620-B	½S 5/8 ¾	2¾	1000	6
8 × 2	SS-0820-B	½S 5/8 ¾	2¾	1200	10
8 × 2½	SS-0825-C	1 1½ 1¼	2¾	1400	12
8 × 2½	SS-0825-D	1 1½ 1¼	3¼	1500	13
8 × 3	SS-0830-D	1 1½ 1¼	3¼	1600	19
10 × 2½	SS-1025-C	1 1½ 1¼	2¾	1600	19
10 × 3	SS-1030-D	1 1½ 1¼	3¼	2000	20
12 × 2½	SS-1225-C	1 1½ 1¼	2¾	1800	19
12 × 3	SS-1230-D	1 1½ 1¼	3¼	2000	23
14 × 2½	SS-1425-C	1 1½ 1¼	2¾	2000	25
14 × 3	SS-1430-D	1 1½ 1¼	3¼	2600	31
16 × 2½	SS-1625-C	1 1½ 1¼	2¾	2000	34
16 × 3	SS-1630-D	1 1½ 1¼	3¼	2800	39
18 × 3	SS-1830-D	1 1½ 1¼	3½	3000	57