

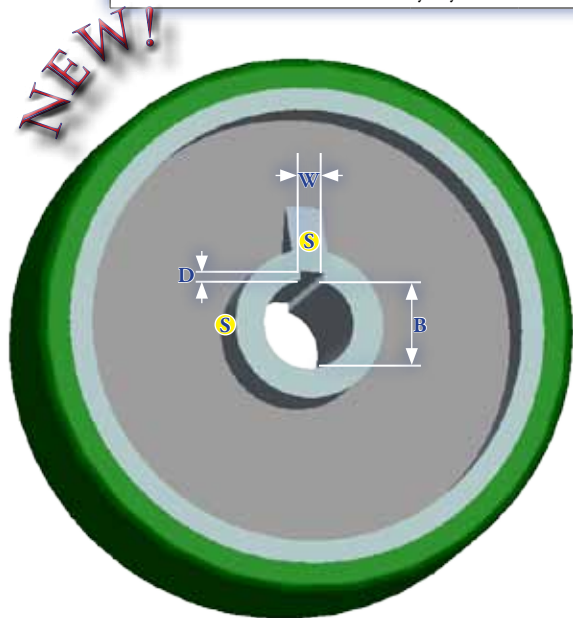
Drive wheels can be made out of a variety of steel core wheels; most drive wheels have a molded tread (Polyurethane or Rubber) for traction, to grab and drive the desired materials. A Keyway is a machined notch in a wheel bore allowing the wheel to be locked onto a drive shaft using a “key” that slides into correlating notches between the wheel bore and a drive shaft, the shaft is then able turn or drive the wheel. Keyways can be machined into steel wheel bores with sufficient material thickness; sleeves can also be pressed into wheel bores to provide a keyway for smaller shaft sizes and are anchored by the means of set screws. Due to the stress & friction associated with drive wheel application, wheel capacities will be reduced by 50% and tread life of Polyurethane & Rubber will be shorter depending on speed, weight and duration of driving activity. Normal warranties do not apply to any drive wheels other than guaranteeing specification characteristics. Below chart shows guidelines for standard dimensions, actual part numbers may vary according to desired dimensions. Some wheel bores / shaft sizes and keyway configurations may not be available for certain wheel diameters, tread width and materials, please inquire with our customer service or engineering department for details.

Standard Keyways, Key O.D. Sizes & Set Screws

Wheel Bore or Diameter of *Shaft. Use plain bore part# for standard sizes, please contact us for non standard bore size avail- ability & Part#'s	Keyway		*Key O.D. Dimensions. (Squared)	**Keyway Part# Add to plain bore wheel Part#	**Keyway Part# with 1 Set Screw (over keyway) Add to plain bore wheel Part#	**Keyway Part# with 2 Set Screws (1 over keyway, 1 @ 90°) Add to plain bore wheel Part#
	Width (W)	Depth (D)				
1/2 to 9/16	1/8	1/16	1/8 x 1/8	KW1	KW1S1	KW1S2
5/8 to 7/8	3/16	3/32	3/16 x 3/16	KW2	KW2S1	KW2S2
15/16 to 1-1/4	1/4	1/8	1/4 x 1/4	KW3	KW3S1	KW3S2
1-5/16 to 1-3/4	3/8	3/16	3/8 x 3/8	KW4	KW4S1	KW4S2
1-13/16 to 2-1/4	1/2	1/4	1/2 x 1/2	KW5	KW5S1	KW5S2
2-5/16 to 2-3/4	5/8	5/16	5/8 x 5/8	KW6	KW6S1	KW6S2
2-13/16 to 3-1/4	3/4	3/8	3/4 x 3/4	KW7	KW7S1	KW7S2
*We do not provide keys or drive shafts.					For sizes & configurations not listed as a standard plain bore or key combination -we will provide Part#.	
**Example: If desired wheel is EX10LG85 (85= 1-15/16 bore) with 1/2 width keyway & 2 set screws = Part# EX10LG85KW5S2						

Wheels: Custom Colors

*Custom wheel colors available depending on
usage & order quantities; please inquire.*



W= Keyway Width
D = Keyway Depth
B = Bore / Shaft Size
S= Set Screw Placement



NEW!



- The Durable Cushion ride wheel, offers the maximum cushion ride available in a 6" diameter narrow tread wheel (1-1/4 wide).
- High quality rubber tread is press fit and mechanically locked to a spoked polyolefin core.
- Cushion tread easily rolls over debris and small obstructions (electrical cords, floor joints, etc), and offers maximum floor protection and quiet rolling operation.
- High modulus round tread minimizes surface friction and enables wheel to turn easily.
- Gray & black tread colors are available; gray tread is non-marking.
- Durometer: 70 Shore A (+/-5).
- Temperature range: -40° F to 160° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Gray Tread		Black Tread	
				Part # with Ball Bearings	Part# with Delrin Bearings	Part # with Ball Bearings	Part# with Delrin Bearings
6	1-1/4	1-5/8	200	CR60GI42	CR60GI59	CR60GA42	CR60GA59

Wheels: PALLET JACK WHEELS

180 mm Diameter x 50mm Tread.
1.76" Hub Length. 20 mm I.D.
1900 lb. Capacity.
Part# PC180X50

NEW!



Part# PC180X50

- Pallet jack wheels are made to withstand heavy loads and rigorous ongoing use.
- Polyurethane elastomer tread chemically bonded to heavy duty iron core.
- Non-marking black tread on black core.
- Equipped with 6204 Sealed precision ball bearings. 20mm I.D.
- Durometer: 65 Shore D (+/-5)
- Temperature range: -40° to 180° F

73 mm Diameter x 95mm Tread.
3.70" Hub Length. 20 mm I.D.
1300 lb. Capacity.
Part# PS073X95



Part# PS73X95



- Soft Rubber tread is molded over Hard Rubber core.
- Shock absorbing cushioned ride offers floor protection and quiet rolling operation.
- Nylon bearing sleeve molded into wheel core, offers improved roll-ability.
- Wheel color is solid black.
- Durometer: 80 (+/-5).
- Temperature range: -40° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.		
					Plain Bore	Ball Bearings	Roller Bearing
2	7/8	1	90	SR20BB80	80		
2.5	7/8	1	125	SR25BB**	80,81		
3	1-1/4	1-9/16	175	SR25GB82			
3	7/8	1-1/4	100	SR30DB**	80,81		
3	1-1/4	1-9/16	175	SR30GB82	82		
3	1-1/4	1-9/16	200	SR30GB42		42	
3.5	1-1/4	1-9/16	200	SR35GB82	82		
4	1	1-1/4	125	SR40DB81	81		
4	1-1/4	1-9/16	220	SR40GB82	82		
4	1-1/4	1-9/16	245	SR40GB42		42	
4	1-1/2	1-15/16	240	SR40HB82	82		
5	1	1-1/4	125	SR50DB81	81		
5	1-1/4	1-9/16	250	SR50GB82	82		
5	1-1/4	1-9/16	275	SR50GB42		42	
5	1-1/2	1-5/8	240	SR50HB**	83, 88		

Bore & Bearing Sizes						
Bearing / Bore #	42	80	81	82	83	88
Bearing / Bore Type:	Ball Bearings	Plain Bore				
Inner Diameter	3/8	1/4	5/16	3/8	1/2	3/4

Wheels: RUBBER ON NYLON

NEW!

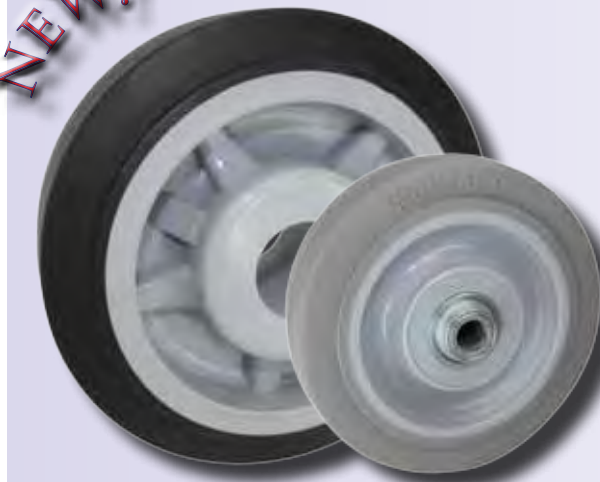


- Rubber tread vulcanized to a specially designed Nylon core.
- Special structure of core designed to create load and impact capacities equivalent to rubber on cast iron wheels.
- Rust-free; suitable for wash down, high humidity and outdoor environments.
- Offers shock absorbing cushioned ride, rolls over debris, offers floor protection & quiet rolling operation.
- Precision ball bearing available for improved mobility.
- Durometer: 80 Shore A (+/-5).
- Temperature range: -40° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.			
					Plain Bore	Roller Bearings	Precision Ball Bearings	Delrin Bearings
4	2	2-3/16	400	NR40JB**	84	02, 04, 05, 09, 92	60	56,57,11,12
5	2	2-3/16	450	NR50JB**	84	02, 04, 05, 09, 92	60	56,57,11,12
6	2	2-3/16	550	NR60JB**	84	02, 04, 05, 09, 92	60	56,57,11,12
8	2	2-3/16	600	NR80JB**	84	02, 04, 05, 09, 92	60	56,57,11,12

Bore & Bearing Sizes											
Bearing/Bore Code	02	04	05	09	11	12	56	57	60	84	92
Bearing / Bore Type:	Roller Bearings	S.S. Roller Bearings	Caged Roller Bearing	1 Piece Delrin Bearing	2 PC Delrin Bearings	Sealed Prec. BB (Flanged)	Plain Bore	3/4 I.D. Roller Bearing w/Stl. Bushing			
Inner Diameter:	5/8	3/4	3/4	3/4	3/4	1/2	1/2	3/4	1/2	1-3/16	1/2

NEW!



- Non-marking high grade thermo plastic elastomer tread chemically bonded to a polyolefin core
- Shock absorbing cushioned ride offers floor protection and quiet rolling operation.
- Excellent impact resistance & durability, will not flat spot.
- Maximum resistance to cleaning chemicals, acids, alcohols, water and is excellent for wash down applications.
- Gray & black tread colors are available; both are non-marking.
- 1-1/4 wide wheels come with annular bearings & 2 inch wide wheels come with a variety of bearings including dual row sealed precision bearings (48) that offer a smooth, easy rolling ergonomic ride.
- Durometer: 65 Shore A (+/-5).
- Temperature range: -45° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number <i>Replace + with Color Code</i>	Color Code	Replace ** with desired bearing code.			
						Plain Bore	Delrin Bearings	Roller Bearings	Ball Bearings
3	1-1/4	1-9/16	230	NM30GI43	I = Gray				43
3.5	1-1/4	1-9/16	250	NM35GI43					43
4	1-1/4	1-9/16	260	NM40GI43					43
5	1-1/4	1-9/16	325	NM50GI43					43
4	2	2-3/16	400	NM40J+84	I = Gray B = Black	84	11, 12, 56, 57	02, 04, 05, 09, 92	48, 60, 6S
5	2	2-3/16	500	NM50J+84		84	11, 12, 56, 57	02, 04, 05, 09, 92	48, 60, 6S
6	2	2-3/16	600	NM60J+84		84	11, 12, 56, 57	02, 04, 05, 09, 92	48, 60, 6S
8	2	2-3/16	700	NM80J+84		84	11, 12, 56, 57	02, 04, 05, 09, 92	48, 60, 6S

Bore & Bearing Sizes														
Bearing/Bore Code	02	04	05	09	11	12	43	48	56	57	60	6S	84	92
Bearing / Bore Type:	Roller Bearings		S.S. Roller Bearings	Caged Roller Bearing	1 Piece Delrin Bearing		Annular Ball Bearings	Dual Row Sealed Prec. Ball Bearings	2 PC Delrin Bearings		Sealed Prec. BB (Flanged)	S.S. Sealed Prec. BB (Flanged)	Plain Bore	3/4 I.D. Roller Bearing w/Stl. Bushing
Inner Diameter:	5/8	3/4	3/4	3/4	3/4	1/2	3/8	1/4	1/2	3/4	1/2	1/2	1-3/16	1/2

Wheels: ELASTORIDE™



- Elastoride™ wheels have a balloon cushion thermo rubber tread on a ultra durable mag style polyolefin core.
- Lightweight wheel with offset hub for use on hand trucks & dollies.
- Offers a shock absorbing cushioned ride, floor protection and quiet rolling operation.
- Excellent impact resistance & durability, will not flat spot.
- Ball Bearings & sealed precision ball bearings available.
- Color: black tread on gray core (Non-Marking).
- Durometer: 55 Shore A (+/-5).
- Temperature range: -40° F to 180° F.



OFFSET
Wheels: for
Hand Trucks

Wheel Diameter	Tread Width	Offset Hub Length	Load Capacity	Black Tread Part #	Gray Tread Part #	Replace ** with Bearing Code.	
						Ball Bearings	Sealed Precision Ball Bearings
8	2	2-1/4	250	RT80JZ**	RT80JI**	51, 52, 53	P1, P2, P3
10	2	2-1/4	300	RT10JZ**	RT10JI**	51, 52, 53	P1, P2, P3

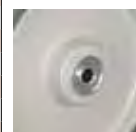
Bore & Bearing Sizes						
Bearing Code:	51	52	53	P1	P2	P3
Bearing Type:	Ball Bearings			Prec. Ball Bearings		
Inner Diameter	1/2	5/8	3/4	1/2	5/8	3/4



- Non-marking Thermoplastic rubber tread is permanently bonded to Polyolefin core.
- Shock absorbing cushioned ride offers floor protection and quiet rolling operation.
- Offers good stability at low temperatures.
- Resistant to cleaning chemicals, acids, alcohol, water, and is excellent for wash down applications & outdoor use, UV resistant.
- Flat tread wheels offer maximum durability at rated capacities; while round tread wheels offer an easy rolling ergonomic ride; reduced tread surface area also enables improved swiveling capabilities and turning mobility.
- Gray & black tread colors are available; both are non-marking.
- Durometer: 75 Shore A (+/-5).
- Temperature range: -40° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number <i>Replace + with Color Code</i>	Color Code	Replace ** with desired bearing code.				
						Plain Bore	Ball Bearings	Roller Bearings	Precision Ball Bearings	Delrin Bearings
2	7/8	1	75	TP20BT**		80				
2.5	1-1/4	1-9/16	250	TP25GB**			42			
3	7/8	1	125	TP30BT**		80				
3	1	1-3/16	125	TP30D+**	H, T	81			48	
3	1-1/4	1-9/16	210	TP30G+**	I	82			44	
3	1-1/4	1-9/16	210	TP30G+**	T, Y	83, 90			47	
3.5	1-1/4	1-9/16	230	TP35G+**	I	82			44	
3.5	1-1/4	1-9/16	230	TP35G+**	T, Y	83, 90			47	
4	1	1-3/16	135	TP40D+**	H, T	81			48	
4	1-1/4	1-9/16	250	TP40G+**	I	82			44	
4	1-1/4	1-9/16	250	TP40G+**	T, Y	83, 90			47	
4	1-1/2	1-5/8	280	TP40H+**	A, I	84		01,03		56,57, 11,12
4	2	2-3/16	300	TP40J+**	A, T, X, Y, Z	84		02,04,05,09, 92	60,6S,63,72	56,57, 11,12
5	1	1-3/16	135	TP50D+**	H, T	81			48	
5	1-1/4	1-9/16	300	TP50G+**	I	82			44	
5	1-1/4	1-9/16	300	TP50G+**	T, Y	83, 90			47	
5	1-1/2	1-5/8	300	TP50H+**	A, I	84		01,03		56,57, 11,12
5	2	2-3/16	350	TP50J+**	A, T, X, Y, Z	84		02,04,05,09, 92	60,6S,63,72	56,57, 11,12
6	1-1/4	1-9/16	300	TP60G+**	I	82			44	
6	1-1/4	1-9/16	300	TP60G+**	T, Y	83, 90			47	
6	1-1/2	1-5/8	375	TP60H+**	A, I	84		01,03		56,57, 11,12
6	2	2-3/16	500	TP60J+**	A, T, X, Y, Z	84		02,04,05,09, 92	60,6S,63,72	56,57, 11,12
8	1-1/2	2-1/4	400	TP80HT**	T, I	95	51, 52, 53			
8	2	2-3/16	600	TP80J+**	A, T, X, Y, Z	84		02,04,05,09, 92	60,6S,63,72	56,57, 11,12
10	2-1/2	2-3/4	1000	TP10K+**	A, I	85		23,25		58
10	3	3-1/4	1100	TP10L+**	A, I	85		24,26		58

Bearing, Hub & Thread Guard Designs



42, 51, 52, 53 Ball Bearings



44 Precision Ball Bearings



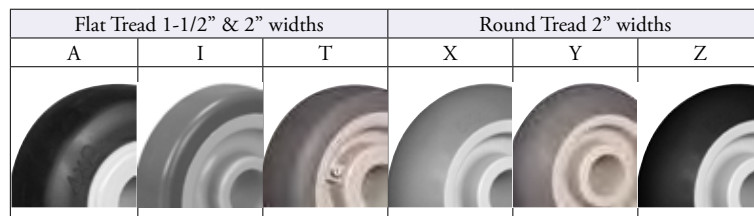
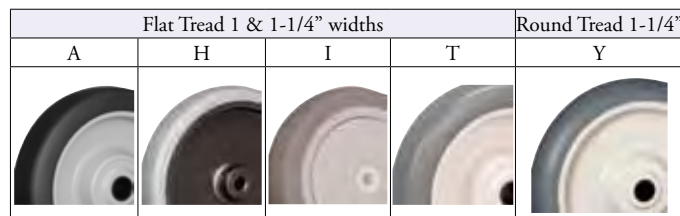
47 Precision Ball Bearings



83 Plain Bore

Bore & Bearing Sizes																	
Bearing or Bore Code:	01	02	03	04	05	09	11	12	23	24	25	26	42	48	51	52	53
Bearing or Bore Type:	Roller Bearings				S.S. Roller Bearings	Caged Roller Bearings	1 Piece Delrin Bearing		Roller Bearings				Ball Bearings	Dual Row Sealed Annular BB	Ball Bearings		
Inner Diameter:	5/8	5/8	3/4	3/4	3/4	3/4	3/4	1/2	1	1	1-1/4	1-1/4	3/8	1/2	1/2	5/8	3/4

Bore & Bearing Sizes													
Bearing or Bore Code:	56	57	60	6S	63	72	80	81	82	83	84	90	92
Bearing or Bore Type:	2 PC Delrin Bearings		Sealed Prec. BB (Flanged)	S.S. Sealed Prec. BB (Flanged)	Prec. BB w/top hat bushings	S.S. Prec. BB w/top hat bushings	Plain Bore					83 Plain bore w/bushing	3/4 I.D. Roller w/Stl. Bushing
Inner Diameter:	1/2	3/4	1/2	1/2	1/2	1/2	1/4	5/16	3/8	1/2	1-3/16	3/8	1/2

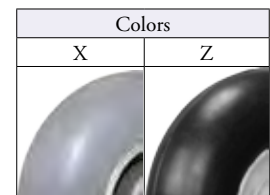




- High modulus quality rubber tread vulcanized to aluminum core.
- Rounded balloon cushion tread offers the best shock absorbing cushioned ride available, easily rolls over debris and small obstructions (electrical cords, floor joints, etc), offers maximum floor protection, high impact strength and ultra quiet rolling operation.
- High modulus round tread minimizes surface friction and enables wheel to turn easily.
- Gray & black tread colors are available; gray tread is non-marking.
- To maximize roll-ability, we recommend using # 63 Sealed precision ball bearings with top hat bushings.
- Durometer: 60 Shore A (+/-5).
- Temperature range: -40° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number <i>Replace + with Color Code</i>	Color Code	Replace ** with desired bearing code.			
						Plain Bore	Precision Ball Bearings	Roller Bearings	Delrin Bearings
6	2	2-3/16	350	BC60J+**	X, Z	84	63, 72	02,04,05,09,92	56,57,11,12
8	2	2-3/16	450	BC80J+**		84	63, 72	02,04,05,09,92	56,57,11,12

Bore & Bearing Sizes												
Bearing/Bore Code	02	04	05	09	11	12	56	57	63	72	84	92
Bearing / Bore Type:	Roller Bearings		S.S. Roller Bearings	Caged Roller Bearing	1 Piece Delrin Bearing		2 PC Delrin Bearings		Prec. BB w/top hat bushings	S.S. Prec. BB w/top hat bushings	Plain Bore	3/4 I.D. Roller Bearing w/Stl. Bushing
Inner Diameter:	5/8	3/4	3/4	3/4	3/4	1/2	1/2	3/4	1/2	1/2	1-3/16	1/2



Wheels: RUBBER MOLD-ON ALUMINUM



- Rubber tread vulcanized to aluminum core.
- Offers shock absorbing cushioned ride, rolls over debris, offers floor protection & quiet rolling operation.
- Aluminum core has a strong attractive appearance, is lightweight and is resistant to rust and corrosion.
- Gray & black tread colors are available; gray tread is non-marking.
- 8 x 1-1/2" wheel comes with offset hub for use on hand trucks.
- Durometer: 80 Shore A (+/-5).
- Temperature range: -40° F to 160° F.



OFFSET
Wheels for
Hand Trucks

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Color	Replace ** with desired bearing code.				
						Plain Bore	Ball Bearings	Precision Ball Bearings	Roller Bearings	Delrin Bearings
3.5	1-1/4	1-9/16	250	RA35GI43	Gray		43			
4	1-1/4	1-9/16	250	RA40GI43			43			
5	1-1/4	1-9/16	275	RA50GI43			43			
4	2	2-3/16	400	RA40JB**	Black	84		60	02,04,05,09,92	56,57,11,12
5	2	2-3/16	500	RA50JB**		84		60	02,04,05,09,92	56,57,11,12
6	2	2-3/16	550	RA60JB**		84		60	02,04,05,09,92	56,57,11,12
8	1-1/2	*2-1/4	500	RA80HB**		95	51,52,53,P1,P2,P3			
8	1-5/8	2	500	RA80PB**		95	51,52,53,P1,P2,P3			
8	2-5/8	2-3/16	600	RA80JB**		84	51,52,53,P1,P2,P3		02,04,05,09,92	56,57,11,12

*Offset Hub

Bore & Bearing Sizes																		
Bearing/Bore Code	02	04	05	09	11	12	51	52	53	P1	P2	P3	56	57	43	63	84	92
Bearing / Bore Type:	Roller Bearings		S.S. Roller Bearings	Caged Roller Bearing	1 Piece Delrin Bearing		Ball Bearings			Precision Ball Bearing (Flanged)			2 PC Delrin Bearings		Annular Ball Bearing	Prec. BB w/top hat bushings	Plain Bore	3/4 I.D. Roller Bearing w/Stl. Bushing
Inner Diameter:	5/8	3/4	3/4	3/4	3/4	1/2	1/2	5/8	3/4	1/2	5/8	3/4	1/2	3/4	3/8	1/2	1-3/16	1/2



- Rubber tread vulcanized to heavy duty cast iron core.
- Offers shock absorbing semi-cushioned ride, rolls easily over small debris, rough floors, cracks, floor joints, etc.
- Provides good floor protection and quiet rolling operation.
- Economically priced cushion wheel.
- Works well in outdoor environments; however cast iron core can rust; if this is an issue look at using aluminum or plastic core wheels.
- Black rubber tread can mark; if non-marking wheels are required we suggest using the Nomadic™, Dura-Cushion™ -Gray, or Thermo-Pro™ wheels.
- Durometer: 80 Shore A (+/-5).
- Temperature range: -40° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Hub Design Type	Part Number	Replace ** with desired bearing code.		
						Plain Bore	Roller Bearings	Delrin Bearings
4	1-1/2	1-5/8	350	C	RS40HB**	84	01,03	56,57,11,12
4	2	2-3/16	400	C	RS40JB**	84	02,04,09,92	57,57,11,12
5	1-1/2	1-5/8	350	C3	RS50HB**	84	01,03	56,57,11,12
5	2	2-3/16	400	S3	RS50JB**	84	02,04,09,92	57,57,11,12
6	1-1/2	1-5/8	450	S3	RS60HB**	84	01,03	56,57,11,12
6	2	2-3/16	550	S3	RS60JB**	84	02,04,09,92	57,57,11,12
6	2-1/2	2-3/4	600	C3	RS60KB**	84	06	56, 57
6	2-1/2	2-3/4	700	S3	RS60KB**	85	23,25	58
6	2-1/2	3-1/4	700	C3	RS60QB**	85	24,26	58
6	3	3-1/4	750	S3	RS60LB**	85	24,26	58
8	2	2-3/16	600	S4	RS80JB**	84	02,04,09,92	57,57,11,12
8	2-1/2	2-3/4	800	S5	RS80KB**	84	06	56, 57
8	2-1/2	2-3/4	850	S5	RS80KB**	85	23,25	58
8	2-1/2	3-1/4	850	S5	RS80QB**	85	24,26	58
8	3	3-1/4	900	S5	RS80LB**	85	24,26	58
10	2	2-3/16	700	S5	RS10JB**	84	02,04,09,92	57,57,11,12
10	2	2-3/16	750	S5	RS10JB**	87	21,22	
10	2-1/2	2-3/4	1000	S5	RS10KB**	84	06	56,57
10	2-1/2	2-3/4	1000	S5	RS10KB**	85	23,25	58
10	2-1/2	3-1/4	1000	S5	RS10QB**	85	24,26	58
10	3	3-1/4	1100	S5	RS10LB**	85	24,26	58
10	4	4-1/4	1200	S5	RS10NB**	85	35,37	
10	4	4-1/4	1400	S5	RS10NB**	86	31,33	
12	2.5	2-3/4	1200	S5	RS12KB**	85	23,25	58
12	2.5	3-1/4	1200	S5	RS12QB**	85	24,26	58
12	3	3-1/4	1300	S5	RS12LB**	85	24,26	58
12	4	4-1/4	1500	C5	RS12NB**	86	31,33	
12	5	5-1/4	2100	C5	RS12OB**	86	32,34	
14	2-1/2	2-3/4	1200	S6	RS14KB**	85	23,25	58
14	3	3-1/4	1300	S6	RS14LB**	85	24,26	58
16	3	3-1/4	1500	S6	RS16LB**	85	24,26	58
16	4	4-1/4	2000	S6	RS16NB**	86	31,33	
18	3	3-1/4	1550	S6	RS18LB**	85	24,26	58

Bore & Bearing Sizes									
Bearing or Bore Code	11	12	56	57	58	84	85	86	87
Bearing or Bore Type	1 Piece Delrin Bearing		2 PC Delrin Bearings			Plain Bore			
Inner Diameter	3/4	1/2	1/2	3/4	1	1-3/16	1-15/16	2-7/16	1-7/16

Bore & Bearing Sizes																			
Bearing or Bore Code	01	02	03	04	06	09	21	22	23	24	25	26	31	32	33	34	35	37	92
Bearing or Bore Type	Roller Bearings					Caged Roller Bearing	Roller Bearings												3/4 Roller w/Stl. Bushing
Inner Diameter	5/8	5/8	3/4	3/4	3/4	3/4	7/8	1	1	1	1-1/4	1-1/4	1-1/4	1-1/4	1-1/2	1-1/2	1	1-1/4	1/2

Hub Designs: Wheels in various diameters and tread widths have different hub designs & number of spokes. Chart to the left, lists each wheels hub design type.

TYPE C
Solid Core



TYPE C3
Solid 3 Spoke



TYPE S3
3 Spokes



TYPE S4
4 Pokes



TYPE S5
5 Spokes
(C5 is Solid)



TYPE S6
6 Spokes



NEW!



- High Quality Supreme Rubber tread with a tensile strength of 1200 to 1400 PSI, vulcanized to a solid heavy duty cast iron core.
- Tapered roller bearings and sealed precision ball bearings are standard.
- Upgraded tread material, core design and bearings; provide the perfect combination needed for use on tow lines and other demanding applications that normal mold-on rubber wheels may not be able to withstand.
- Offers a shock absorbing semi-cushioned ride, rolls over small debris, uneven surfaces, cracks, floor joints, etc.
- Provides good floor protection and quiet rolling operation.
- Durometer: 75 Shore A (+/-5).
- Temperature range: -40° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.			Roller Bearings
					Plain Bore	Precision Ball Bearings	Tapered Roller Bearings	
6	2	2-3/16	700	RH60JS**		63	73	
6	3	3-1/4	850	RH60LS**		65, 67		
8	2	2-3/16	800	RH80JS**		63	73	
8	2-1/2	2-3/4	950	RH80KS**		65, 67		
8	3	3-1/4	1000	RH80LS**		65, 67	70	
10	3	3-1/4	1300	RH10LS**		65, 67	70	
12	3	3-1/4	1400	RH12LS**		65, 67	70,71,74	
12	3-1/2	4-1/4	1500	RH12MB**	86			31,33

Bore & Bearing Sizes												
Bearing/Bore Code	31	33	63	65	67	70	71	73	74	86	92	95
Bearing / Bore Type:	Roller Bearings		Prec. BB w/top hat bushings	Prec. BB w/top hat bushings	Prec. BB w/top hat bushings	Tapered Roller Bearings		Tapered w/ Top Hats	Tapered Roller Bearings	Plain Bore	3/4 I.D. Roller Bearing w/Stl. Bushing	Plain Bore
Inner Diameter:	1-1/4	1-1/2	1/2	3/4	1	3/4	1	1/2	1-1/4	2-7/16	1/2	1-3/8

Wheels: PNEUMATIC FOAM FILLED TIRES



- Kenda brand tire filled with microcelular polyurethane foam; offering the same advantages as Pneumatic wheels, but cannot go flat.
- Tires are mounted on either centered or offset rims/hubs. Centered rims for mounting in casters & equipment and offset rims for use on hand trucks & portable equipment. Rims are made out of high quality heavy duty steel, offering exceptional reliability.
- Offers the maximum cushion ride available, easily rolling over debris and small obstacles.
- Great for both indoor and outdoor use.
- Provides good floor protection and quiet rolling operation.
- Standard sizes and designs are listed; however custom wheels are available upon request, please inquire.

Tire Spec & Approx. Diameter	Tread Pattern	Ply Rating	Hub Length	Hub Design	Hub Type	Load Cap.	Color	Part Number	Replace ** with desired bearing code.			
									Plain Bore	Roller Bearings	Ball Bearings	Precision BB.
280-4 (8")	H	4	3-3/16	Centered	3-PC	250	Black/Zinc	FF8H4C**	95	38	51,52,53	P1,P2, P3
280-4 (8")	H	4	2-1/4	Offset	3-PC	250	Black/Zinc	FF8H4O**	95		51,52,53	P1,P2, P3
350-4 (10")	I	4	4	Centered	3-PC	350	Black/Zinc	FF014C**	95	40	51,52,53	P1,P2, P3
350-4 (10")	I	4	2-1/4	Offset	3-PC	350	Black/Zinc	FF014O**	95		51,52,53	P1,P2, P3

Bore & Bearing Sizes									
Bearing Code:	38	40	51	52	53	P1	P2	P3	95
Bearing Type:	Roller Bearings		Ball Bearings			Prec. Ball Bearings			Plain Bore
Inner Diameter	3/4	3/4	1/2	5/8	3/4	1/2	5/8	3/4	1-3/8

Tread Pattern
8" 10"





Wheels: PNEUMATIC TIRES

Durable Superior Casters®



OFFSET
Wheels for
Hand Trucks

**BRASS
PLATED
HUBS
ALSO AVAILABLE.**

- Wheels come with outer tire, inner tube and are mounted on either centered or offset rims/hubs; centered rims for mounting in casters & equipment and offset rims for use on hand trucks & portable equipment.
- Pneumatic wheels offer the maximum cushion ride available and easily roll over debris and small obstacles, great for both indoor and outdoor use; provides good floor protection and quiet rolling operation
- Wheels are available with several tread patterns and colors; black tread wheels can mark floors. Gray wheels are non-marking on most surfaces as long as they are clean. Rims are made out of high quality heavy duty steel, offering exceptional reliability.
- Standard sizes and designs are listed; however custom wheels are available upon request, please inquire.

Wheel Part# Explanation

FP 8 B 4 C P3

Pneumatic Tire Size Ply Rating Bearing Tread Pattern Characteristic Combination

Tire Size Part# Abbreviations	
Part# Abbrev.	Tire Specification & Approximate Diameter
5	250-4 (8")
8	280-4 (8")
0	350-4 (10")
2	350-6 (12")
6	480-8 (16")

Wheel Characteristic Codes.

Tire Color	Hub Finish	Hub Design
B = Black	BR = Brass	C = Centered
G = Gray	W = White	O = Offset
	Z = Zinc	

Wheel Characteristic Combinations Part# Abbreviations

Part# Abbrev.	Code Combinations (#From above table)
C	B - Z - C
D	G - Z - O
F	B - BR - C
G	B - G - O
K	B - G - C
O	B - Z - O
R	G - BR - C
T	B - W - C
W	B - W - O
Y	G - Z - C

Tire Spec & Approx. Diameter	Tread Pattern	Ply Rating	PSI	Hub Length	Hub Design	Hub Type	Load Cap.	Color	Part Number	Replace ** with desired bearing code.			
										Plain Bore	Roller Bearings	Ball Bearings	Precision BB.
6 X 2	F	4	30	2-1/2	Centered	2-PC	200	Black/Zinc	FP60JB60				60
250-4 (8")	B	2	50	3-1/4	Centered	3-PC	250	Black/Zinc	FP5B2C**	95		51,52,53	P1,P2, P3
280-4 (8")	A	4	50	3-3/16	Centered	3-PC	250	Black/Zinc	FP8A4C**	95	38	51,52,53	P1,P2, P3
280-4 (8")	A	4	50	3-3/16	Centered	3-PC	250	Black/Brass	FP8A4F**	95	38	51,52,53	P1,P2, P3
280-4 (8")	A	4	50	3-3/16	Centered	3-PC	250	Gray/Zinc	FP8A4Y**	95		51,52,53	P1,P2, P3
280-4 (8")	A	4	50	3-3/16	Centered	3-PC	250	Gray/Brass	FP8A4R**	95		51,52,53	P1,P2, P3
280-4 (8")	A	4	50	2-1/4	Offset	3-PC	250	Black/Zinc	FP8A4O**	95		51,52,53	P1,P2, P3
280-4 (8")	A	4	50	2-1/4	Offset	3-PC	250	Gray/Zinc	FP8A4D**	95		51,52,53	P1,P2, P3
350-4 (10")	D	4	50	4	Centered	3-PC	350	Gray/Zinc	FP0D4Y**	95		51,52,53	P1,P2, P3
350-4 (10")	D	4	50	4	Centered	3-PC	350	Black/Zinc	FP0D4C**	95	40	51,52,53	P1,P2, P3
350-4 (10")	D	4	50	2-1/4	Offset	3-PC	350	Black/Zinc	FP0D4O**	95		51,52,53	P1,P2, P3
350-4 (10")	G	4	50	2-1/4	Offset	3-PC	350	Gray/Zinc	FP0G4D**	95		51,52,53	P1,P2, P3
350-4 (10")	E	6	75	2-1/4	Offset	3-PC	400	Black/Zinc	FP0E6O**	95		51,52,53	P1,P2, P3
350-4 (10")	E	6	75	4	Centered	3-PC	400	Black/Zinc	FP0E6C**	95	40	51,52,53	P1,P2, P3
350-4 (10")	E	4	50	2-1/4	Offset	1-PC	350	Black/White	FP0E4W**	95		51,52,53	P1,P2, P3
350-4 (10")	C	4	50	2-1/4	Offset	1-PC	350	Black/White	FP0C4W**	95		51,52,53	P1,P2, P3
350-4 (10")	C	4	50	2-1/4	Offset	1-PC	350	Black/Gray	FP0C4G**	95		51,52,53	P1,P2, P3
350-6 (12")	D	4	50	4	Centered	1-PC	460	Black/White	FP2D4T**	95		51,52,53	P1,P2, P3
350-6 (12")	E	6	85	4	Centered	1-PC	500	Black/White	FP2E6T**	95		51,52,53	P1,P2, P3
350-6 (12")	C	4	50	4	Centered	1-PC	460	Black/White	FP2C4T**	95		51,52,53	P1,P2, P3
480-8 (16")	C	4	42	3	Centered	1-PC	500	Black/White	FP6C4T**	95		51,52,53	P1,P2, P3
480-8 (16")	C	6	75	3	Centered	1-PC	650	Black/White	FP6C6T**	95		51,52,53	P1,P2, P3

Bore & Bearing Sizes										
Bearing Code:	38	40	51	52	53	60	P1	P2	P3	95
Bearing Type:	Roller Bearings		Ball Bearings			Prec. Ball Bearings			Plain Bore	
Inner Diameter	3/4	3/4	1/2	5/8	3/4	1/2	1/2	5/8	3/4	1-3/8

TREAD PATTERNS





**FLAT-FREE
Style Wheels**

- Ever-Roll™ wheels are made from closed cell Micro-cellular polyurethane foam and offer the same advantages of as a pneumatic tire without the possibility of leaking air out.
- Provides shock load protection and a smooth cushioned ride, rolling easily over debris and small obstacles.
- Wide, soft tread face is ideal for rolling on grass, sand, dirt, etc.
- Both black and gray wheels are non-marking.
- Available with precision bearings that offer maximum roll-ability and are maintenance free.
- Saw-tooth tread design offers both traction and maneuverability.
- Also available in casters (see page #100)
- Perfect for hand trucks, dollies, carts & mobile equipment such as generators, lawn & garden equipment, etc.

Wheel Diameter	Tread Width	Hub Length	Hub Design	Hub Type	Load Cap.	Color	Part Number	Replace ** with desired bearing code.			
								Plain Bore	Roller Bearings	Ball Bearings	Precision Ball Bearing
8	2-3/4	2-1/4*	Offset	3-PC	250	Black	ER80BO**	95		51,52,53	P1,P2, P3
8	2-3/4	3-3/16	Centered	3-PC	250	Black	ER80BC**	95	38	51,52,53	P1,P2, P3
8	2-3/4	3-3/16	Centered	3-PC	250	Black/Brass	ER80BF**	95		51,52,53	P1,P2, P3
10	3	2-1/4*	Offset		280	Black	ER10BO**	95		51,52,53	P1,P2, P3
10	3	4	Centered		280	Black	ER10BC**	95	40	51,52,53	P1,P2, P3



**OFFSET
Wheels for
Hand Trucks**

Wheels: ECO-RUBBER™



**Made From
Recycled Materials**



- Environmentally friendly ECO-RUBBER™ wheels are made from recycled rubber tires, molded to plastic cores.
- Solid rubber tread offers many of the same advantages of pneumatic tires, without the possibility of them going flat.
- Provides excellent shock load protection, a smooth cushioned ride, rolls easily over debris and small obstacles.
- Wide, soft tread face is ideal for rolling on grass, sand, dirt, etc.
- UV Resistant; great for outdoor environments
- Also available in casters (see page #100)
- Perfect for hand trucks, dollies, carts & mobile equipment such as pressure washers, generators, etc.
- Temp Range -22° to 160° F (Intermittent -40° to 212° F)

Wheel Diameter	Tread Width	Hub Length	Hub Design	Load Cap.	Part Number	Replace ** with desired bearing code.		
						Plain Bore	Ball Bearings	Precision Ball Bearing
8	2-1/2	2-1/4*	Offset	450	SN80UO**	95	51,52,53	P1,P2, P3
8	2-1/2	2-1/2	Centered	450	SN80UC**	95	51,52,53	P1,P2, P3
10	2-3/4	2-1/4*	Offset	650	SN10UO**	95	51,52,53	P1,P2, P3
10	2-3/4	3-1/4	Centered	650	SN10UC**	95	51,52,53	P1,P2, P3
12	3	3-1/4	Centered	850	SN12LC**	95	51,52,53	P1,P2, P3

Bore & Bearing Sizes							
Bearing Code:	51	52	53	P1	P2	P3	95
Bearing Type:	Ball Bearings			Prec. Ball Bearings		Plain Bore	
Inner Diameter	1/2	5/8	3/4	1/2	5/8	3/4	1-3/8



**OFFSET
Wheels for
Hand Trucks**



Wheels: SEMI-PNEUMATIC with Metal Hub

Durable Superior Casters®



- High density rubber tread tire (non-air filled), mounted in a steel hub.
- Steel hub is bolted together to enhance the wheels weight capacity.
- Ball bearings are tack welded into the steel hub, for added strength and security.
- Offset hub for use on hand trucks, dollies, carts & mobile equipment such as pressure washers, compressors, generators, etc.
- Offers a shock absorbing cushioned ride, floor protection and quiet rolling operation.
- Excellent impact resistance & durability, will not flat spot.
- Color: black tread (Can Mark Floors).
- Durometer: 80 Shore A (+/-5).
- Temperature range: -40° F to 200° F.



Wheel Diameter	Tread Width	Hub Length	Weight Capacity	Part #	Ball Bearing I.D.
10	2-3/4	2-1/4	550	SN10UM52	5/8

Wheels: POLYON AL™



- Polyurethane elastomer tread chemically bonded to a light-weight aluminum core.
- Aluminum core has a strong attractive appearance, is lightweight and is resistant to rust and corrosion.
- Colors: Available in non-marking red & green tread for 2" face and blue in the 1-1/4 tread.
- Durometer: 95 Shore A (+/-5).
- Temperature range: -40° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number <i>Replace + with Color Code</i>	Color Code	Replace ** with desired bearing code.				
						Plain Bore	Annular Ball Bearings	Precision Ball Bearings	Roller Bearings	Delrin Bearings
3	1-1/4	1-9/16	380	PA30GL43	Blue		43			
3.5	1-1/4	1-9/16	400	PA35GL43			43			
4	1-1/4	1-9/16	420	PA40GL43			43			
5	1-1/4	1-9/16	440	PA50GL43			43			
4	1-1/2	1-5/8	700	PA40H+**	Green = N Red = R	84		60, 6S	01, 03	56,57,11,12
4	2	2-3/16	800	PA40J+**		84		60, 6S	02,04,05,09,92	56,57,11,12
5	1-1/2	1-5/8	800	PA50H+**		84		60, 6S	01, 03	56,57,11,12
5	2	2-3/16	900	PA50J+**		84		60, 6S	02,04,05,09,92	56,57,11,12
6	1-1/2	1-5/8	900	PA60H+**		84		60, 6S	01, 03	56,57,11,12
6	2	2-3/16	1200	PA60J+**		84		60, 6S	02,04,05,09,92	56,57,11,12
8	2	2-3/16	1500	PA80J+**		84		60, 6S	02,04,05,09,92	56,57,11,12

Bore & Bearing Sizes															
Bearing/Bore Code	01	02	03	04	05	09	11	12	43	56	57	60	6S	84	92
Bearing / Bore Type:	Roller Bearings				S.S. Roller Bearings	Caged Roller Bearing	1 Piece Delrin Bearing		Annular Ball Bearings	2 PC Delrin Bearings		Sealed Prec. BB (Flanged)	S.S. Sealed Prec. BB (Flanged)	Plain Bore	3/4 I.D. Roller Bearing w/Stl Bushing
Inner Diameter:	5/8	5/8	3/4	3/4	3/4	3/4	3/4	1/2	3/8	1/2	3/4	1/2	1/2	1-3/16	1/2



- Uniquely formulated “Flex Compound” polyurethane elastomer is chemically and mechanically bonded to a precision aluminum core; double bonding helps prevent tread separation and assures reliable mobility.
- Combination of the round PolyFlexon® tread and sealed precision ball bearings minimizes surface friction, enables wheel to turn easily and requires less effort to startup and maintain a rolling load.
- PolyFlexon wheel offers a semi-cushioned ride, is non-marking and is capable of rolling over small debris (metal shavings, door & floor joints, etc.)
- Great for manual or power assisted (towline) applications.
- Durometer: 85 Shore A (+/-5).
- Temperature range: -40° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Color	Bore & Bearing Sizes
						Precision Ball Bearings
6	2	2-3/16	900	UA60JN**	Green	63, 72
8	2	2-3/16	1000	UA80JN**		63, 72



**Mechanically
and Chemically
Bonded Tread.**

Bore & Bearing Sizes		
Bearing/Bore Code	63	72
Bearing / Bore Type:	Prec. BB w/top hat bushings	S.S. Prec. BB w/top hat bushings
Inner Diameter:	1/2	1/2

Wheels: POLYFLEXON® CAST



- Uniquely formulated “Flex Compound” polyurethane elastomer is chemically bonded to heavy cast iron core.
- Combination of the round PolyFlexon® tread and sealed precision ball bearings minimizes surface friction, enables wheel to turn easily and requires less effort to startup and maintain a rolling load.
- PolyFlexon wheel offers a semi-cushioned ride, is non-marking and is capable of rolling over small debris (metal shavings, door & floor joints, etc.)
- Great for manually pushed carts & equipment.
- Durometer: 85 Shore A (+/-5).
- Temperature range: -40° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Color	Replace ** with desired bearing code.			
						Plain Bore	Precision Ball Bearings	Roller Bearings	Delrin Bearings
4	2	2-3/16	700	RP40JK**	Red on Black	84	48, 63	02,04,05,09,92	56,57,11,12
5	2	2-3/16	800	RP50JK**		84	48, 63	02,04,05,09,92	56,57,11,12
6	2	2-3/16	900	RP60JK**		84	48, 63	02,04,05,09,92	56,57,11,12
8	2	2-3/16	*1000	RP80JK**		84	*48, 63	02,04,05,09,92	56,57,11,12

*Capacity of 48 annular bearing is 900 lbs.

Bore & Bearing Sizes												
Bearing/Bore Code	02	04	05	09	11	12	48	56	57	63	84	92
Bearing / Bore Type:	Roller Bearings		S.S. Roller Bearings	Caged Roller Bearing	1 Piece Delrin Bearing		Dual Row Sealed Prec. BB	2 PC Delrin Bearings		Prec. BB w/top hat bushings	Plain Bore	3/4 I.D. Roller Bearing w/Stl. Bushing
Inner Diameter:	5/8	3/4	3/4	3/4	3/4	1/2	3/8	1/2	3/4	1/2	1-3/16	1/2



- Polyurethane elastomer tread chemically bonded to cast iron core.
- Offers higher weight capacities while providing good floor protection and quiet rolling operation.
- Optional precision ball bearings and tapered roller bearings require less effort to start up and maintain a rolling load; they also generate less friction heat and may prolong the life of the wheel.
- Works well in both indoor and outdoor environments; however cast iron core can rust; if this is an issue look at using aluminum or plastic core wheels.
- Durometer: 95 Shore A (+/-5).
- Temperature range: -40° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number <i>Replace + with Color Code</i>	Available Colors	Replace ** with desired bearing code.				
						Plain Bore	Roller Bearings	Precision Ball Bearings	Tapered Roller Bearings	Delrin Bearings
3.25	1-1/2	1-5/8	500	PU34HG**	G	84	01,03			56,57,11,12
3.25	2	2-3/16	600	PU34JG**	G	84	02,04,09,92			56,57,11,12
4	1-1/2	1-5/8	600	PU40H+**	G,V	84	01,03			56,57,11,12
4	2	2-3/16	800	PU40J+**	G,V	84	02,04,09,92	63	73	56,57,11,12
5	1-1/2	1-5/8	800	PU50H+**	G,V	84	01,03			56,57,11,12
5	2	2-3/16	1100	PU50J+**	G,V	84	02,04,09,92	63	73	56,57,11,12
5	2-1/2	2-3/4	1400	PU50KG**	G	85	23,25			58
5	3	3-1/4	1600	PU50L+**	G,V	85	24,26			58
6	1-1/2	1-5/8	800	PU60H+**	G,V	84	01,03			56,57,11,12
6	2	2-3/16	1200	PU60J+**	G,V	84	02,04,09,92	63	73	56,57,11,12
6	2	2-1/4	1200	PU60JV**	V	87	07,22			
6	2-1/2	2-3/4	1500	PU60KV**	V	84	06			56,57
6	2-1/2	2-3/4	1600	PU60K+**	G,V	85	23,25			58
6	2-1/2	3-1/4	1600	PU60Q+**	G,V	85	24,26			58
6	3	3-1/4	2000	PU60L+**	G,V	85	24,26	65		58
8	2	2-3/16	1400	PU80J+**	G,V	84	02,04,09,92	63	73	56,57,11,12
8	2	2-1/4	1400	PU80JV**	V	87	07,22			
8	2-1/2	2-3/4	1600	PU80KV**	V	84	06			56,57
8	2-1/2	2-3/4	2000	PU80K+**	G,V	85	23,25			58
8	2-1/2	3-1/4	2000	PU80Q+**	G,V	85	24,26			58
8	3	3-1/4	2500	PU80L+**	G,V	85	24,26	65		58
8	4	4-1/4	3800	PU80NG**	G	86	31,33			
10	2-1/2	2-3/4	1600	PU10KV**	V	84	06			56,57
10	2-1/2	2-3/4	2200	PU10K+**	G,V	85	23,25			58
10	2-1/2	3-1/4	2200	PU10Q+**	G,V	85	24,26			58
10	3	3-1/4	3000	PU10L+**	G,V	85	24,26	65		58
10	4	4-1/4	3200	PU10NV**	V	85	35			
12	2-1/2	2-3/4	2500	PU12K+**	G,V	85	23,25			58
12	2-1/2	3-1/4	2500	PU12Q+**	G,V	85	24,26			58
12	3	3-1/4	3500	PU12L+**	G,V	85	24,26	65		58
16	3	3-1/4	4400	PU16L+**	G,V	85	24,26			58

Bore & Bearing Sizes														
Bearing or Bore Code	02	04	06	07	09	22	23	24	25	26	31	33	35	92
Bearing or Bore Type	Roller Bearings				Caged Roller Bearing	Roller Bearings								3/4 Roller w/Stl. Bushing
Inner Diameter	5/8	3/4	3/4	3/4	3/4	1	1	1	1-1/4	1-1/4	1-1/4	1-1/2	1	1/2

Bearing or Bore Code	11	12	56	57	58	63	65	73	84	85	86	87
Bearing or Bore Type	1 Piece Delrin Bearing		2 PC Delrin Bearings			Sealed Precision Ball Bearings with Top Hats		Tapered w/ top hat bushings	Plain Bore			
Inner Diameter	3/4	1/2	1/2	3/4	1	1/2	3/4	1/2	1-3/16	1-15/16	2-7/16	1-7/16

Available Colors: Replace + in part# with Color Code.

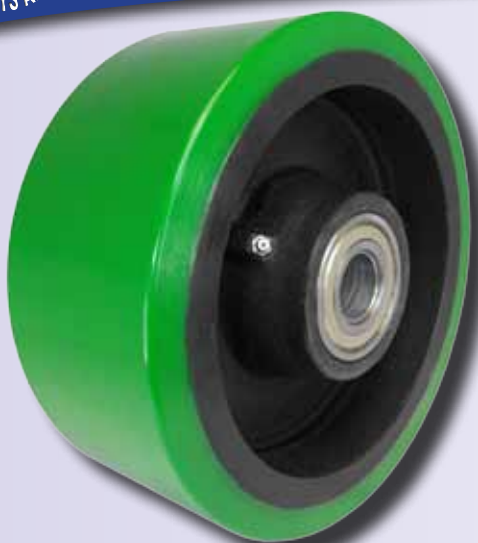




- Crowned polyurethane elastomer tread chemically bonded to a solid heavy-duty cast iron core.
- Combination of crowned tread and heavy core, offers higher weight capacities, durability and greater mobility than standard Polyon™ wheels.
- Optional precision ball bearings and tapered roller bearings require less effort to start up and maintain a rolling load; they also generate less friction heat and may prolong the life of the wheel.
- Provides good floor protection and quiet rolling operation.
- Color: Dark blue on black
- Durometer: 95 Shore A (+/-5).
- Temperature range: -40° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.			
					Plain Bore	Roller Bearings	Precision BB	Tapered Bearings
4	1-1/2	1-5/8	600	SW40HU**	84	01,03		
4	2	2-3/16	800	SW40JU**	84	02,04,05,09,92		73
5	1-1/2	1-5/8	800	SW50HU**	84	01,03		
5	2	2-3/16	1300	SW50JU**	84	02,04,05,09,92		73
6	1-1/2	1-5/8	850	SW60HU**	84	01,03		
6	2	2-3/16	1400	SW60JU**	84	02,04,05,09,92	63	70,73
6	2-1/2	2-3/4	1700	SW60KU**	85	23,25		70,73
6	2-1/2	3-1/4	1700	SW60QU**	85	24, 26		70
6	3	3-1/4	2200	SW60LU**	85	24, 26		70,71
8	2	2-3/16	1500	SW80JU**	84	02,04,05,09,92	63	70,73
8	2-1/2	2-3/4	2200	SW80KU**	85	23,25		70,73
8	2-1/2	3-1/4	2200	SW80QU**	85	24, 26		70
8	3	3-1/4	2700	SW80LU**	85	24, 26	65	70,71
10	2-1/2	2-3/4	2400	SW10KU**	85	23,25		70
10	2-1/2	3-1/4	2400	SW10QU**	85	24, 26		
10	3	3-1/4	3000	SW10LU**	85	24, 26	65	70,71
12	2-1/2	2-3/4	2700	SW12KU**	85	23,25		
12	2-1/2	3-1/4	2700	SW12QU**	85	24, 26		
12	3	3-1/4	3500	SW12LU**	85	24, 26	65	70,71

Bore & Bearing Sizes																
Bearing or Bore Code	01	02	03	04	05	09	23	24	25	26	63	65	70	71	73	92
Bearing or Bore Type	Roller Bearings				S.S. Roller Bearings	Caged Roller Bearing	Roller Bearings				Sealed Precision BB		Tapered Bearings		Tapered w/ top hat bushings	3/4 Roller w/Stl. Bushing
Inner Diameter	5/8	5/8	3/4	3/4	3/4	3/4	1	1	1-1/4	1-1/4	1/2	3/4	3/4	1	1/2	1/2



- 3/4" Thick ultra strong polyurethane elastomer tread chemically bonded to a solid heavy-duty cast iron core.
- Combination of thick tread and heavy core, offers higher weight capacities and provides greater durability than other mold on polyurethane tread wheels.
- Optional precision ball bearings and tapered roller bearings offer higher weight capacities and require less effort to start up and maintain a rolling load.
- Provides excellent floor protection and quiet rolling operation.
- Color: Green on black.
- Durometer: 50 Shore D (+/-5).
- Temperature range: -40° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.			
					Plain Bore	Roller Bearings	Precision BB	Tapered Bearings
6	3	3-1/4	3000	EX60LG**	85	24,26	65,67	70,71
8	3	3-1/4	3500	EX80LG**	85	24,26	65,67	70,71
8	4	4-1/4	4000	EX80NG**	86	31,33	68	71,74
10	3	3-1/4	4000	EX10LG**	85	24,26	65,67	70,71
10	4	4-1/4	5500	EX10NG**	86	31,33	68	71,74
12	3	3-1/4	5000	EX12LG**	85	24,26	65,67	70,71
12	4	4-1/4	6500	EX12NG**	86	31,33	68	71,74

Bore & Bearing Sizes													
Bearing or Bore Code	24	26	31	33	65	67	68	70	71	74	85	86	92
Bearing or Bore Type	Roller Bearings				Sealed Precision BB			Tapered Bearings			Plain Bore		3/4 Roller w/Stl. Bushing
Inner Diameter	1	1-1/4	1-1/4	33	3/4	1	1	3/4	1	1-1/4	1-15/16	2-7/16	1/2

Wheels: CHAMPION™

NEW!



- 1-3/16" Thick ultra-flex compound polyurethane elastomer tread chemically bonded to a mag style aluminum core, sets a new standard in high quality wheels; maximizing load capacity, shock load, and vibration stabilization.
- Combination of the thick ultra-flex tread and oversized sealed precision ball bearings minimizes rolling resistance.
- Elastic properties of ultra-flex tread provide excellent abrasion resistance and a cushioned ride that easily rolls over debris and small obstructions (metal shavings, electrical cords, floor joints, etc), offers maximum floor protection, high impact strength and ultra quiet rolling operation.
- Great for manual or power assisted applications.
- Color: Green
- Durometer: 70 Shore A (+/-5).
- Temperature range: -40° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Sealed Precision Ball Bearings with Top Hat Bushings	Bearing /Top Hat Bushing I.D.
6	2	2-7/16	1200	CP60JN64	64 = 6204	1/2
8	2	2-7/16	1500	CP80JN64		

SterOLLizer®



- The SterOLLizer® wheel's tread is an exclusively engineered rubber made for high temperature and autoclave applications.
- Offers a cushioned, quiet ride and excellent floor protection.
- Core material offered in both; rust resistant stainless steel for corrosive, wash down and clean environments and aluminum cores for bakeries.
- High-temp sealed precision ball bearings available; for increased mobility.
- Exceptional resistance to water, oil, grease, and most acids, chemicals and cleaning solutions.
- Durometer: 75 Shore A (+/-5).
- Temperature range: -40° F to 400° F continuous, 425° F intermittent.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Core Material	Replace ** with desired bearing code.		
						Plain Bore	Roller Bearings	Sealed Prec. BB
4	1-1/4	1-9/16	200	BF40GC83	Aluminum	83		
4	1-1/2	1-5/8	250	BF40HC61				61
4	1-1/4	1-9/16	200	SL40GC83	Stainless Steel	83		
4	1-1/2	1-5/8	250	SL40HC61				61
5	2	2-3/16	375	SL50JO84		84	05	72

NEW!

Bore & Bearing Sizes					
Bearing/Bore Code	05	61	72	83	84
Bearing / Bore Type:	S.S. Roller Bearings	High-temp Stainless Steel Sealed Precision Ball Bearings with Spanner Bushing.		Plain Bore	
Inner Diameter:	3/4	1/2	1/2	1/2	1-3/16



Wheels: POLYON MAXROK™



- Polyurethane elastomer tread chemically bonded to an ultra-strong mag style glass filled nylon core that has the same weight capacity of steel; light-weight yet very durable
- Offers a smooth effortless ride, is non-marking and protects floors.
- Resists compression set or "flat spotting", has exceptional impact strength and good abrasion resistance.
- Non-metal materials will not rust.
- Colors: Red & green.
- Durometer: 95 Shore A (+/-5).
- Temperature range: -45° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number <i>Replace + with Color Code</i>	Color Code	Replace ** with desired bearing code.			
						Plain Bore	Roller Bearings	Precision BB	Delrin Bearings
4	2	2-3/16	700	MU40J+**	Green = G Red = K	84	02,04,05,09,92	60,6S,72	56,57,11,12
5	2	2-3/16	1000	MU50J+**		84	02,04,05,09,92	60,6S,72	56,57,11,12
6	2	2-3/16	1200	MU60J+**		84	02,04,05,09,92	60,6S,72	56,57,11,12
8	2	2-3/16	1400	MU80J+**		84	02,04,05,09,92	60,6S,72	56,57,11,12

Bore & Bearing Sizes														
Bearing/Bore Code	02	04	05	09	11	12	56	57	60	6S	63	72	84	92
Bearing / Bore Type:	Roller Bearings		S.S. Roller Bearings	Caged Roller Bearing	1 Piece Delrin Bearing		2 PC Delrin Bearings		Sealed Prec. BB (Flanged)	S.S. Sealed Prec. BB (Flanged)	Sealed Prec BB w/top hats	S.S. Sealed Prec BB w/top hats	Plain Bore	3/4 I.D. Roller Bearing w/Stl. Bushing
Inner Diameter:	5/8	3/4	3/4	3/4	3/4	1/2	1/2	3/4	1/2	1/2	1/2	1/2	1-3/16	1/2



- Non-marking polyurethane tread mechanically locked to Polyolefin core.
- Durable, light-weight wheel with good weight capacity; offers floor protection and quiet rolling operation.
- Variety of designs, colors and bearing options available.
- Economical
- Durometer: 60 Shore D (+/-5).
- Temperature range: -40° F to 180° F.

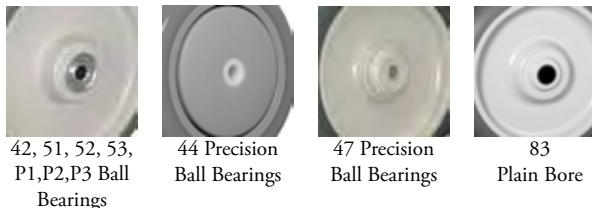
Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number <i>Replace + with Color Code</i>	Color Code	Replace ** with desired bearing code.				
						Plain Bore	Ball Bearings	Roller Bearings	Precision Ball Bearings	Delrin Bearings
2	7/8	15/16	75	PP20BT80	T	80				
2.5	1-1/4	1-9/16	250	PP25G+**	M,W		42			55, 59
3	1	1-1/8	125	PP30D+**	T	81				
3	1-1/4	1-9/16	250	PP30G+**	K,W	98	42			55, 59
3	1-1/4	1-9/16	250	PP30G+**	A,D,I,K,S				44,47	
3	1-1/4	1-9/16	250	PP30G+**	T,Y	83			47	
3.5	1-1/4	1-9/16	250	PP35G+**	K,W,P		42			55, 59
3.5	1-1/4	1-9/16	250	PP35G+**	A,D,I,K				44,47	
3.5	1-1/4	1-9/16	250	PP35G+**	T,Y	83			47	
4	1	1-1/8	140	PP40D+**	T, H	81				
4	1-1/4	1-9/16	300	PP40G+**	K,W,I,A,D,S,P		42		44	55, 59
4	1-1/4	1-9/16	300	PP40G+**	T,Y	83			47	
5	1	1-1/8	145	PP50D+**	T, H	81				
5	1-1/4	1-9/16	300	PP50G+**	P		50			
5	1-1/4	1-9/16	300	PP50G+**	K,W,I,A,D,S,P		42		44	55, 59
5	1-1/4	1-9/16	300	PP50G+**	T,Y	83			47	
6	1-1/4	1-9/16	300	PP60G+**	A,I				44	
6	1-1/4	1-9/16	300	PP60G+**	A,K,W		42			55, 59
4	1-1/2	1-5/8	400	PP40H+**	D,K,U	84		01,03		56,57,11,12
4	2	2-3/16	500	PP40J+**	D,K,U,M,W,P	84	60,6S	02,04,05,09,92	63,73	56,57,11,12
5	1	1-1/8	140	PP50D+**	T, H	81				
5	1-1/2	1-5/8	450	PP50H+**	D,K,U	84		01,03		56,57,11,12
5	2	2-3/16	600	PP50J+**	D,K,U,M,W,P	84	60,6S	02,04,05,09,92	63,73	56,57,11,12
6	1-1/2	1-5/8	600	PP60H+**	D,K,U	84		01,03		56,57,11,12
6	2	2-3/16	720	PP60J+**	D,*H,K,I,U,M,W,P	84	60,6S	02,04,05,09,92	63,73	56,57,11,12
6	2-1/2	2-3/4	1000	PP60K+**	M	85		23,25		58
6	3	3-1/4	1100	PP60L+**	M	85		24,26	69	58
8	1-1/2	1-5/8	600	PP80H+**	T,I		51,52,53,P1,P2,P3			
8	2	2-3/16	800	PP80J+**	D,K,I,U,M,W,P	84	60,6S	02,04,05,09,92	63,73	56,57,11,12
8	2-1/2	2-3/4	1100	PP80K+**	M	85		23,25		58
8	3	3-1/4	1150	PP80L+**	M	85		24,26	69	58
10	1-1/2	1-1/2	700	PP10H+**	T,I		51,52,53,P1,P2,P3			
10	2-1/2	2-3/4	1200	PP10K+**	M	85		23,25		58
10	3	3-1/4	1250	PP10L+**	M	85		24,26	69	58
12	2-1/2	2-3/4	1400	PP12K+**	M	85		23,25		58
12	3	3-1/4	1400	PP12L+**	M	85		24,26	69	58

**"H" color round tread Poly-Pro™ wheel; available only with 63 precision BB.

Color Codes for 13/16, 1 & 1-1/4" Treads									
Flat Tread									Round
A	D	I	K	P	S	T	V	W	Y

Color Codes for 1-1/2, 2, 2-1/2 & 3" Treads					
Flat Tread					Round
I	K	M	U	W	H

Bearing, Hub & Thread Gaurd Designs



Bore & Bearing Sizes																		
Bearing or Bore Code:	01	02	03	04	05	09	11	12	23	24	25	26	42	48	50	51	52	53
Bearing or Bore Type:	Roller Bearings				S.S. Roller Bearings	Caged Roller Bearings	1 Piece Delrin Bearing		Roller Bearings				Ball Bearings	Dual Row Sealed Annular BB	Prec. BB	Ball Bearings		
Inner Diameter:	5/8	5/8	3/4	3/4	3/4	3/4	3/4	1/2	1	1	1-1/4	1-1/4	3/8	1/4	5/16	1/2	5/8	3/4

Bore & Bearing Sizes															
Bearing or Bore Code:	55	56	57	59	60	6S	63	72	80	81	82	83	84	90	92
Bearing or Bore Type:	2 PC Delrin Bearings				Sealed Prec. BB (Flanged)	S.S. Sealed Prec. BB (Flanged)	Prec. BB w/top hat bushings	S.S. Prec. BB w/top hat bushings	Plain Bore					83 Plain bore w/bushing	3/4 I.D. Roller w/Std. Bushing
Inner Diameter:	3/8	1/2	3/4	1/2	1/2	1/2	1/2	1/2	1/4	5/16	3/8	1/2	1-3/16	3/8	1/2

Wheels: POLYMADIC™ Premium Polyurethane



- High performance UV resistant, liquid cast polyurethane elastomer; mechanically locked onto an injection molded polyolefin core; takes more abuse and has a longer service life than standard PP wheels.
- 1-1/4" wide wheels are Maroon on gray, with sanitary style (no thread guards) dished out core and dual row annular ball bearings, offering improved mobility and stability- axle can be completely tightened without binding the bearings. 2 inch wide wheels have a dark gray tread on a gray core.
- Optional No Seam style available (for upcharge): No seam on the wheel tread reduces the possibility of leaving indentions on soft floors (wood, linoleum, etc). Change wheel designation to "PS"
- Durometer: 60 Shore D (+/-5).
- Temperature range: -45° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number <i>Replace + with Color Code</i>	Color Code	Replace ** with desired bearing code.				
						Plain Bore	Dual Row Annular BB	Roller Bearings	Precision Ball Bearings	Delrin Bearings
3	1-1/4	1-9/16	260	PM30GM43	Maroon on Gray		43			
3-1/2	1-1/4	1-9/16	270	PM35GM43	Maroon on Gray		43			
4	1-1/4	1-9/16	325	PM40GM43	Maroon on Gray		43			
5	1-1/4	1-9/16	340	PM50GM43	Maroon on Gray		43			
4	2	2-3/16	600	PM40JI**	Gray on Gray	84	48	02,04,05,09,92	60,6S,63,73	56,57,11,12
5	2	2-3/16	750	PM50JI**	Gray on Gray	84	48	02,04,05,09,92	60,6S,63,73	56,57,11,12
6	2	2-3/16	900	PM60JI**	Gray on Gray	84	48	02,04,05,09,92	60,6S,63,73	56,57,11,12
8	2	2-3/16	*1000	PM80JI**	Gray on Gray	84	*48	02,04,05,09,92	60,6S,63,73	56,57,11,12

*Capacity of 48 annular bearing is 900 lbs.



Wheels: ERGOLASTOMER™

Durable Superior Casters®



- Super strength solid cast polyurethane elastomer one piece design with mechanically locked glass filled nylon bearing collar, offers the best durability and performance of any elastomer type wheel on the market.
- Precision and tapered bearings for towline use.
- 100% washable, steam cleanable, chemical resistant.
- Extreme impact strength and abrasion and compression resistance, will not flat spot when used within capacity rating.
- Offers a smooth ergonomic ride; easy start up.
- Bearing collar disperses heat away from elastomer wheel.
- Color: Gray with black core / bearing collar.
- Durometer: 68 Shore D (+/-5).
- Temperature range: -50° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.				
					Plain Bore	Roller Bearings	Tapered Bearings	Sealed Precision BB	Delrin Bearings
4	2	2-3/16	1000	HU40JI**	84	02,04,05,09,92	73	6S,63,72	56,57,11,12
5	2	2-3/16	1400	HU50JI**	84	02,04,05,09,92	73	6S,63,72	56,57,11,12
6	2	2-3/16	1700	HU60JI**	84	02,04,05,09,92	73	6S,63,72	56,57,11,12
6	2-1/2	2-3/4	2200	HU60KI**				15,16	
8	2	2-3/16	2000	HU80JI**	84	02,04,05,09,92	73	6S,63,72	56,57,11,12
8	2-1/2	2-3/4	2300	HU80KI**				15,16	
8	3	3-1/4	3000	HU80LI**				15,16	
10	3	3-1/4	3200	HU10LI**				15,16	

Bore & Bearing Sizes								
Bearing/Bore Code	02	04	05	09	11	12	56	57
Bearing / Bore Type:	Roller Bearing		S.S. Roller Bearings	Caged Roller Bearing	1 PC Delrin Bearing		2 PC Delrin Bearings	
Inner Diameter:	5/8	3/4	3/4	3/4	3/4	1/2	1/2	3/4

Bearing/Bore Code	15	16	60	6S	63	72	73	83	84	90	92
Bearing / Bore Type:	Precision BB with Top Hats.		Sealed Prec. BB (Flanged)	S.S. Sealed Prec. BB (Flanged)	Sealed Prec BB w/top hats	S.S. Sealed Prec BB w/top hats	Tapered Bearing w/ top hats	Plain Bore		83 Plain Bore with bushing	3/4 I.D. Roller Bearing w/Std. Bushing
Inner Diameter:	3/4	5/8	1/2	1/2	1/2	1/2	1/2	1/2	1-3/16	3/8	1/2

Wheels: DURALASTOMER®



- Solid cast polyurethane elastomer one piece design eliminates bonding failures and is a very reliable and durable wheel.
- 100% washable & steam cleanable; not affected by grease, oils, most chemicals & cleaning solutions, brine & blood.
- Offers a smooth effortless ride, is non-marking and protects floors.
- Resists compression set or "flat spotting", has exceptional impact strength and is highly abrasion resistant.
- Color: Blue
- Durometer: 60 Shore D (+/-5).
- Temperature range: -50° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.			
					Plain Bore	Roller Bearings	Precision BB	Delrin Bearings
3	1-1/4	1-9/16	300	SU30GL**	83, 90			
4	1-1/4	1-9/16	400	SU40GL**	83, 90			
5	1-1/4	1-9/16	700	SU50GL**	83, 90			
4	2	2-3/16	750	SU40JL**	84	02,04,05,09,92	60,6S,72	56,57,11,12
5	2	2-3/16	900	SU50JL**	84	02,04,05,09,92	60,6S,72	56,57,11,12
6	2	2-3/16	1000	SU60JL**	84	02,04,05,09,92	60,6S,72	56,57,11,12
8	2	2-3/16	1000	SU80JL**	84	02,04,05,09,92	60,6S,72	56,57,11,12

See above for bearing specifications



- Solid injection molded polyolefin wheel construction.
- High shock load, impact & abrasion resistant.
- Economical & lightweight, yet offer high weight capacities.
- 100% washable; impervious to water, highly resistant to organic solvents, oil, grease, most chemicals, acids & cleaning solutions.
- Both white and black materials are non-marking.
- Several designs
- Durometer: 70 Shore D (+/-5).
- Temperature range: 40° F to 180° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Color & Design Code	Replace ** with desired bearing code.				
						Plain Bore	Ball Bearings	Roller Bearings	Precision Ball Bearings	Delrin Bearings
2	7/8	15/16	100	PO20BB**	Black	80				
2	7/8	15/16	125	HP20BB**	Black	80				
2	1-13/16	1-27/32	250	PO20IB**	Black	81				
2.5	15/16	1-11/32	125	PO25CB**	Black	81				
2.5	1-1/4	1-9/16	200	PO25GB**	Black	82				
2.5	1-13/16	1-15/16	350	PO25IB**	Black	82				
2.5	1-13/16	1-15/16	350	PO25IB**	Black	84		36		
3	1	1-1/8	175	PO30DB**	Black	81				
3	1-1/4	1-9/16	250	PO30GB**	Black	82				
3	1-1/4	1-9/16	300	PO30GJ**	White Donut	83,90				
3	1-1/4	1-9/16	300	PO30GZ**	Black Donut	83,90	42			
3	1-1/4	1-9/16	300	HP30GB**	Black	82				
3	1-1/4	1-9/16	300	HP30GE**	White	83,90				
3	1-13/16	1-15/16	450	PO30IB**	Black	82,83				
3	1-13/16	1-15/16	550	PO30IB**	Black	84		36	62,63	
3	1-13/16	1-15/16	500	PO30II**	Black	84		36	62,63	
3.5	1-1/4	1-9/16	300	PO35GB**	Black	82				
3.5	1-1/4	1-9/16	300	PO35GZ**	Black Donut	83,90				
3.5	1-1/4	1-9/16	300	PO35GJ**	White Donut	83,90				
4	1	1-1/8	220	PO40DB**	Black	81				
4	1-1/4	1-9/16	300	PO40GB**	Black	82				
4	1-1/4	1-9/16	350	PO40GJ**	White Donut	83,90				
4	1-1/4	1-9/16	350	PO40GZ**	Black Donut	82	42			
4	1-1/4	1-9/16	350	HP40GB**	Black	82				
4	1-1/2	1-5/8	375	PO40HB**	Black	82				
4	1-1/2	1-5/8	400	PO40HB**	Black	83,84		01,03		56,57,11,12
4	2	2-3/16	500	PO40JB**	Black	83,84.88		02,04,05,09,92	60, 6S	56,57,11,12
5	1	1-1/8	230	PO50DB**	Black	81				
5	1-1/4	1-9/16	350	PO50GB**	Black	82				
5	1-1/4	1-9/16	375	PO50GJ**	White Donut	83,90				
5	1-1/4	1-9/16	375	PO50GZ**	Black Donut	83,90	42			
5	1-1/4	1-9/16	350	HP50GB**	Black	82				
5	1-1/2	1-5/8	300	PO50HB**	Black	82				
5	1-1/2	1-5/8	450	PO50HB**	Black	84,84.88		01,03		56,57,11,12
5	2	2-3/16	650	PO50JB**	Black	83,84.88		02,04,05,09,92	60, 6S	56,57,11,12
6	1-1/2	1-5/8	400	PO60HB**	Black	83				
6	1-1/2	1-5/8	500	PO60HB**	Black	84		01,03		56,57,11,12
6	2	2-3/16	700	PO60JB**	Black	83,84.88		02,04,05,09,92	60, 6S	56,57,11,12
6	1-1/4	1-9/16	350	PO60GZ**	Black Donut	83,90				
6	1-1/4	1-9/16	350	PO60GJ**	White Donut	83,90				
8	2	2-3/16	900	PO80JB**	Black	83,84.88		02,04,05,09,92	60, 6S	56,57,11,12

Bore & Bearing Sizes											
Bearing or Bore Code:	01	02	03	04	05	09	11	12	56	57	42
Bearing or Bore Type:	Roller Bearings				S.S. Roller Bearings	Caged Roller Bearings	1 PC Delrin Bearing		2 PC Delrin Bearings		Ball Bearings
Inner Diameter:	5/8	5/8	3/4	3/4	3/4	3/4	3/4	1/2	1/2	3/4	3/8

Bore & Bearing Sizes												
Bearing or Bore Code:	56	57	60	6S	80	81	82	83	84	88	90	92
Bearing or Bore Type:	2 PC Delrin Bearings		Sealed Prec. BB (Flanged)	S.S. Sealed Prec. BB (Flanged)	Plain Bore						83 Plain bore w/bushing	3/4 I.D. Roller w/std. Bushing
Inner Diameter:	1/2	3/4	1/2	1/2	1/4	5/16	3/8	1/2	1-3/16	3/4	3/8	1/2



Polyolefin (B)

Polyolefin 2" tread (Heavy-Duty Thick Walls)



Polyolefin Black Donut (Z) Polyolefin White Donut (J) HP = Heavy Polyolefin (Thicker Walls)



- Solid wheel molded from Nylon 6.
- 100% washable & steam cleanable; impervious to water, highly resistant to organic solvents, most chemicals & cleaning solutions; ideal for use in food processing and packaging plants.
- Offers high impact strength and exceptional abrasion resistance.
- Hard tread has slight crown and rolls very easily.
- Non-marking.
- Durometer: 75 Shore D (+/-5).
- Temperature range: -40° F to 210° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.				
					Plain Bore	Ball Bearings	Roller Bearings	Precision Bearings	Delrin Bearings
3	1-1/4	1-9/16	300	NY30GE**	83, 90	42			
3-1/2	1-1/4	1-9/16	325	NY35GE**	83, 90				
4	1-1/4	1-9/16	350	NY40GE**	83, 90	42			
5	1-1/4	1-9/16	500	NY50GE**	83, 90	42			
4	2	2-3/16	800	NY40JE**	84		02,04,05,09	60,6S,72	56,57,11,12
5	2	2-3/16	900	NY50JE**	84		02,04,05,09	60,6S,72	56,57,11,12
6	2	2-3/16	1000	NY60JE**	84		02,04,05,09	60,6S,72	56,57,11,12
8	2	2-3/16	1100	NY80JE**	84		02,04,05,09	60,6S,72	56,57,11,12

Bore & Bearing Sizes																
Code	02	04	05	09	11	12	42	56	57	60	6S	72	83	84	90	92
Bearing or Bore Type:	Roller Bearings		S.S. Roller Bearings	Caged Roller Bearing	1 Piece Delrin Bearing		Ball Bearing	2 PC Delrin Bearings		Sealed Prec. BB (Flanged)	S.S. Sealed Prec. BB (Flanged)	S.S. Sealed Prec BB w/top hats	Plain Bore		1/2 Plain with Bushing	3/4 I.D. Roller Bearing w/Stl. Bushing
Inner Diameter:	5/8	3/4	3/4	3/4	3/4	1/2	3/8	1/2	3/4	1/2	1/2	1/2	1/2	1-3/16	3/8	1/2

Wheels: HARD RUBBER



- Solid Hard Rubber tread & core offers high impact strength.
- Easy Rolling.
- Nylon bearing sleeve molded into wheel core, offers improved roll-ability.
- Wheel color is solid black.
- Durometer: 60 Shore D (+/-5).
- Temperature range: -40° F to 160° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.		
					Plain Bore	Ball Bearings	Roller Bearing
2	7/8	1	125	HR20BB80	80		
2.5	7/8	1	150	HR25BB**	80,81		
2.5	1-1/4	1-9/16	275	HR25GB82			
3	1	1-1/4	125	HR30DB**	80,81		
3	1-1/4	1-9/16	275	HR30GB82	82		
3	1-1/4	1-9/16	300	HR30GB42		42	
3.5	1-1/4	1-9/16	210	HR35GB82	82		
4	1	1-1/4	140	HR40DB81	81		
4	1-1/4	1-9/16	300	HR40GB82	82		
4	1-1/4	1-9/16	325	HR40GB42		42	
4	1-1/2	1-15/16	400	HR40HB82	82		
4	1-5/8	1-15/16	400	HR40PB82	82		
5	1	1-1/4	145	HR50DB81	81		
5	1-1/4	1-9/16	325	HR50GB82	82		
5	1-1/4	1-9/16	350	HR50GB42		42	
5	1-1/2	1-5/8	350	HR50HB89	89		

Bore & Bearing Sizes									
Bearing / Bore #	02	04	42	80	81	82	83	84	88
Bearing / Bore Type:	Roller Bearings		Ball Bearings	Plain Bore					
Inner Diameter	5/8	3/4	3/8	1/4	5/16	3/8	1/2	1-3/16	3/4

Durable Superior Casters®

Wheels: MAXROK™



- Injection molded, 30% glass filled nylon wheel; has the same weight capacity of steel, yet incredibly light-weight.
- 100% washable & steam cleanable; not affected by grease, oils, most chemicals & cleaning solutions, salt, brine & blood.
- Extreme impact strength, good abrasion and compression resistance, will not flat spot.
- Offers a smooth ergonomic ride; requires less effort to start up and maintain a rolling load.
- *New Sizes: 10 x 2 and 12 x 2. Perfect for mobile equipment use.
- Durometer: 85 Shore D (+/-5).
- Temperature range: -45° F to 250° F (up to 350° F, when used with all metallic bearings and high-temp grease).



Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.			
					Plain Bore	Roller Bearings	Precision Bearings	Delrin Bearings
2	1-13/16	1-27/32	900	MA20IB**	84	29		
2.5	1-13/16	1-15/16	1000	MA25IB**	82,84	08		
3	1-13/16	1-15/16	1200	MA30IB**	83,84	36		
3.25	2	2-3/16	900	MA34JB**	84	02,04,05,09,92	60,6S,63,72	56,57,11,12
4	2	2-3/16	800	MA40JB**	84	02,04,05,09,92	60,6S,63,72	56,57,11,12
5	2	2-3/16	1000	MA50JB**	84	02,04,05,09,92	60,6S,63,72	56,57,11,12
6	2	2-3/16	1200	MA60JB**	84	02,04,05,09,92	60,6S,63,72	56,57,11,12
8	2	2-3/16	1400	MA80JB**	84	02,04,05,09,92	60,6S,63,72	56,57,11,12
10	2	2-3/16 (*2-3/64)	800 (*400)	MA10JB**	*8	02,04,05,09,92	60,6S,63,72	56,57,11,12
12	2	2-3/16 (*2-3/64)	800 (*400)	MA12JB**	*8	02,04,05,09,92	60,6S,63,72	56,57,11,12

Bore & Bearing Sizes																				
Bearing/Bore #	02	04	05	*8	08	09	11	12	29	36	56	57	60	6S	63	72	82	83	84	92
Bearing / Bore Type:	Roller Bearings		S.S. Roller Bearings	*Plain Bore	Roller Bearings	Caged Roller Bearing	1 Piece Delrin Bearing		Roller Bearings		2 PC Delrin Bearings		Sealed Prec. BB (Flanged)	S.S. Sealed Prec. BB (Flanged)	Sealed Prec BB w/top hats	S.S. Sealed Prec BB w/ top hats	Plain Bore			3/4 I.D. Roller Bearing w/Stl. Bushing
Inner Diameter:	5/8	3/4	3/4	*5/8	3/4	3/4	3/4	1/2	1/2	3/4	1/2	3/4	1/2	1/2	1/2	1/2	3/8	1/2	1-3/16	1/2

Wheels: ROKHARD™

NEW!



- Injection molded reinforced thermoplastic wheel has the same weight capacity of steel, yet incredibly light-weight and impact resistant.
- Hard tread and precision bearings; offer a smooth ergonomic ride, requires less effort to start up and maintain a rolling load.
- 100% washable & steam cleanable; has the best chemical resistance of any wheel, not affected by grease, oils, most chemicals & cleaning solutions, salt, brine & blood.
- Extreme impact strength, good abrasion and compression resistance, will not flat spot.
- Durometer: 65 Shore D (+/-5).
- Temperature range: -45° F to 250° F



Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.			
					Plain Bore	Roller Bearings	Precision Bearings	Delrin Bearings
4	2	2-3/16	800	HI40JB**	84	02,04,05,09,92	60,6S,63,72	56,57,11,12
5	2	2-3/16	1000	HI50JB**	84	02,04,05,09,92	60,6S,63,72	56,57,11,12
6	2	2-3/16	1200	HI60JB**	84	02,04,05,09,92	60,6S,63,72	56,57,11,12
8	2	2-3/16	1400	HI80JB**	84	02,04,05,09,92	60,6S,63,72	56,57,11,12

Bore & Bearing Sizes														
Bearing/Bore Code	02	04	05	09	11	12	56	57	60	6S	63	72	84	92
Bearing / Bore Type:	Roller Bearings		S.S. Roller Bearings	Caged Roller Bearing	1 Piece Delrin Bearing		2 PC Delrin Bearings		Sealed Prec. BB (Flanged)	S.S. Sealed Prec. BB (Flanged)	Sealed Prec BB w/top hats	S.S. Sealed Prec BB w/top hats	Plain Bore	3/4 I.D. Roller Bearing w/Stl. Bushing
Inner Diameter:	5/8	3/4	3/4	3/4	3/4	1/2	1/2	3/4	1/2	1/2	1/2	1/2	1-3/16	1/2



Wheels: PHENOLIC

Durable Superior Casters®



- Phenolic resin mixed with macerated canvas; creates a high capacity, high impact resistant wheel that has many years of proven reliability in the industry.
- Hard tread rolls easily, provides good concrete floor protection and is quieter than steel wheels.
- Resistant to oil, grease & solvents, non-metallic & non-sparking.
- Economically priced wheel.
- Zerk fitting are not standard, but available upon request.
- Durometer: 90 Shore D (+/-5).
- Temperature range: -50° F to 250° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.			
					Plain Bore	Roller Bearings	Precision BB	Delrin Bearings
3	1-1/4	1-3/8	300	PH30GB**	83, 97,99			
3.5	1-1/4	1-3/8	350	PH35GB**	83,97,99			
4	1-1/4	1-3/8	400	PH40GB**	83,97,99			
5	1-1/4	1-3/8	450	PH50GB**	83,97,99			
3	1-13/16	1-7/8	1000	PH30IB**	84			
3	1-1/2	1-5/8	600	PH30HB**	83,84	01,03		56, 57,11,12
3.25	1-1/2	1-5/8	600	PH34HB**	84	01,03		56, 57,11,12
3.25	2	2-3/16	700	PH34JB**	84	02,04,09	60, 6S	56, 57, 11,12
4	1-1/2	1-5/8	600	PH40HB**	83,84	01,03		56, 57, 11,12
4	2	2-3/16	800	PH40JB**	84, 88	02,04,05,09,92	60, 6S	56, 57, 11, 12
4	2	2-3/16	1000	*PH40JS**	84	02,04,05,09,92	60, 6S	56, 57, 11, 12
5	1-1/2	1-5/8	600	PH50HB**	83,84	01,03		56, 57, 11,12
5	2	2-3/16	1000	PH50JB**	84, 88	02,04,05,09,92	60, 6S	56, 57, 11, 12
5	2	2-3/16	1200	*PH50JS**	84, 88	02,04,05,09,92	60, 6S	56, 57, 11, 12
6	1-1/2	1-5/8	800	PH60HB**	83,84	01,03		56, 57, 11,12
6	2	2-3/16	1200	PH60JB**	84, 88	02,04,05,09,92	60, 6S	56, 57, 11, 12
6	2	2-3/16	1500	*PH60JS**	84, 88	02,04,05,09,92	60, 6S	56, 57, 11, 12
6	2-1/2	2-3/4	1400	PH60KB**	84	06		
6	2-1/2	2-3/4	1600	PH60KB**	85	23,25		
6	2-1/2	3-1/4	1600	PH60QB**	85	24,26		58
6	3	3-1/4	2000	PH60LB**	85	24,26		58
8	2	2-3/16	1400	PH80JB**	84, 88	02,04,05,09,92	60, 6S	56, 57, 11, 12
8	2-1/2	2-3/4	1800	PH80KB**	84	06		
8	2-1/2	2-3/4	2000	PH80KB**	85	23,25		
8	2-1/2	3-1/4	2000	PH80QB**	85	24,26		58
8	3	3-1/4	2500	PH80LB**	85	24,26		58
10	2-1/2	2-3/4	2200	PH10KB**	84	06		
10	2-1/2	2-3/4	2500	PH10KB**	85	23,25		
10	2-1/2	3-1/4	2500	PH10QB**	85	24,26		58
10	3	3-1/4	2900	PH10LB**	85	24,26		58
12	2-1/2	2-3/4	3000	PH12KB**	85	23,25		
12	2-1/2	3-1/4	3000	PH12QB**	85	24,26		58
12	3	3-1/4	3500	PH12LB**	85	24,26		58
12	3-1/2	4-1/4	4000	PH12MB**	86	31,33		
12	4	4	6500	PH12NB**	86	33		
16	3	3-1/4	4000	PH16LB**	86	31,33		
16	4	4-1/4	8000	PH16NB**	86	32,34		
18	3	3-1/4	3500	PH18LB**	85	24,26		58

*Straight sided Wheels:

Have higher weight capacities than "dished out" wheel hub designs.



Zerk Grease Fittings:

Zerk grease fittings are not standard; to special order wheels with zerk fitting installed. Replace 6th digit "B" with "Z" (Example: standard 6 x 2 with roller bearing #PH60JB04 > change to #PH60JZ04



Bore & Bearing Sizes																			
Bearing or Bore Code	01	02	03	04	05	06	09	11	12	23	24	25	26	31	32	33	34	36	57
Bearing or Bore Type	Roller Bearings				S.S. Roller Bearings	Roller Bearings	Caged Roller Bearing	1 Piece Delrin Bearing		Roller Bearings								2 PC Delrin Bearings	
Inner Diameter	5/8	5/8	3/4	3/4	3/4	3/4	3/4	3/4	1/2	1	1	1-1/4	1-1/4	1-1/4	1-1/4	1-1/2	1-1/2	3/4	1/2 3/4



Bearing or Bore Code	58	84	85	86	88	92	97	99
Bearing or Bore Type	2 PC Delrin Bearings	Plain Bore				3/4 Roller w/STL. Bushing	SS Top Hat Bushings	STL Top Hat Bushings
Inner Diameter	1	1-3/16	1-15/16	2-7/16	3/4	1/2	3/8	3/8

Wheels: HIGH-TEMP PHENOLIC



Durable Superior Casters®



High-Temp Wheels

- Phenolic resin mixed with macerated canvas made for high temperature applications -best suited for dry heat (Powder coating, bakeries, etc).
- Exceptional resistance to oil, grease, and most acids, chemicals and cleaning solutions. Not recommended for frequent wash-down or wet environments.
- Hard tread rolls exceptionally easy; not recommended for rough surfaces.
- Durometer: 95 Shore D (+/-5).
- Temperature range: -40° F to 475° F continuous, 550° F intermittent.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.	
					Plain Bore	Roller Bearings
3	1-1/4	1-3/8	200	HT30GQ**	83,97,99	
3.25	1-1/2	1-5/8	350	HT34HQ**	83,84	01,03
4	1-1/4	1-3/8	200	HT40GQ**	83,97,99	
4	1-1/2	1-5/8	400	HT40HQ**	83,84,88	01,03
4	2	2-3/16	600	HT40JQ**	84,88	02,04,05,09,92
5	1-1/4	1-3/8	300	HT50GQ**	83,97,99	
5	2	2-3/16	750	HT50JQ**	84,88	02,04,05,09,92
6	2	2-3/16	900	HT60JQ**	84,88	02,04,05,09,92
8	2	2-3/16	1100	HT80JQ**	84,88	02,04,05,09,92
8	3	3-1/4	1900	HT80LQ**	85	24,26
10	3	3-1/4	2400	HT10LQ**	85	24,26
12	3	3-1/4	2600	HT10LQ**	85	24,26
12	3.5	4-1/4	2600	HT12MQ**	86	31,33



Bore & Bearing Sizes																	
Bearing/Bore Code	01	02	03	04	05	09	24	26	31	33	83	84	85	86	92	97	99
Bearing / Bore Type:	Roller Bearings				S.S. Roller Bearings	Caged Roller Bearing	Roller Bearings				Plain Bore				3/4 I.D. Roller Bearing w/Stl. Bushing	SS Top Hat Bushings	STL Top Hat Bushings
Inner Diameter:	5/8	5/8	3/4	3/4	3/4	3/4	1	1-1/4	1-1/4	1-1/2	1/2	1-3/16	1-15/16	2-7/16	1/2	3/8	3/8

Wheels: BRIMSTONE®



High-Temp Wheels

- Brimstone® wheels are made out of an exclusively engineered thermo compound made for high temperature, autoclave and steam cleaning wash down applications -not recommended for prolonged dry heat environments.
- Offers superior abrasion and impact resistance, high weight capacity and long service life.
- Excellent resistance to oil, grease, salt and most acids, chemicals and cleaning solutions.
- Hard tread rolls exceptionally easy.
- Durometer: 85 Shore D (+/-5).
- Temperature range: -45° F to 425° F.

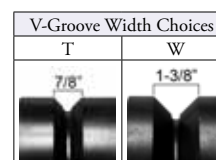
Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.		
					Plain Bore	Roller Bearings	Precision BB
3	1-1/4	1-3/8	300	GN30GQ**	83,97,99		
3	1-1/2	1-5/8	600	GN30HQ**	83		
3.5	1-1/4	1-3/8	300	GN35GQ**	83,97,99		
4	1-1/4	1-3/8	300	GN40GQ**	83,97,99		
4	1-1/2	1-5/8	700	GN40HQ**	83,88,84	01,03	
4	2	2-3/16	800	GN40JQ**	84,88	02,04,05,09,92	60,6S
5	1-1/4	1-3/8	700	GN50GQ**	83,97,99		
5	1-1/2	1-5/8	800	GN50HQ**	83,84	01,03	
5	2	2-3/16	1000	GN50JQ**	84,88	02,04,05,09,92	60,6S
6	2	2-3/16	1100	GN60JQ**	84,88	02,04,05,09,92	60,6S
8	2	2-3/16	1200	GN80JQ**	84,88	02,04,05,09,92	60,6S





- Cast iron V-groove wheels are made specifically for use on inverted angle iron track; they can also be used on flat surfaces.
- Strong durable wheels at an economical price.
- Each wheel has a precisely machined 90° V-groove with relief groove which enables load equalization.
- Tensile strength of 30,000 PSI.
- Temperature range: -45° F to 600° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Groove Width	Replace ** with desired bearing code.	
						Plain Bore	Roller Bearings
3	1-1/4	1-5/8	300	VG30GT**	7/8	82,83	
3	1-1/2	1-5/8	350	VG30HT**	7/8	84	01,03
4	1-1/2	1-5/8	350	VG40HT**	7/8	84	01,03
4	2	2-3/16	600	VG40JT**	7/8	84	02,04,09,92
5	2	2-3/16	900	VG50JT**	7/8	84	02,04,09,92
6	2	2-3/16	1000	VG60JT**	7/8	84	02,04,09,92
6	2-1/2	2-3/4	2500	VG60KT**	7/8	85	23,25
6	2-1/2	3-1/4	2500	VG60QT**	7/8	85	24,26
6	3	3-1/4	3500	VG60LT**	7/8	85	24,26
6	3	3-1/4	3500	VG60LW**	1-3/8	85	24,26
8	2	2-3/16	1200	VG80JT**	7/8	84	02,04,09,92
8	2-1/2	2-3/4	2500	VG80KT**	7/8	85	23,25
8	2-1/2	3-1/4	2500	VG80QT**	7/8	85	24,26
8	3	3-1/4	3500	VG80LT**	7/8	85	24,26
8	3	3-1/4	3500	VG80LW**	1-3/8	85	24,26
10	3	3-1/4	3500	VG10LT**	7/8	85	24,26
10	3	3-1/4	3500	VG10LW**	1-3/8	85	24,26



Bore & Bearing Sizes														
Bearing Code	01	02	03	04	09	23	24	25	26	82	83	84	85	92
Bearing or Bore Type	Roller Bearings				Caged Roller Bearing	Roller Bearings				Plain Bore				3/4 Roller w/Bushing
Inner Diameter	5/8	5/8	3/4	3/4	3/4	1	1	1-1/4	1-1/4	3/8	1/2	1-3/16	1-15/16	1/2

Wheels: MAXROK™ V-GROOVE



- Injection molded ultra-strong, glass filled nylon wheel has the same weight capacity of steel, yet incredibly light-weight.
- Rust free material makes this the perfect wheel for outdoor applications.
- 100% washable & steam cleanable; not effected by grease, oils, most chemicals & cleaning solutions, salt, brine & blood.
- Extreme impact strength and abrasion and compression resistance.
- Durometer: 85 Shore D (+/-5).
- Temperature range: -45° F to 250° F

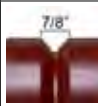
Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.			
					Plain Bore	Roller Bearings	Precision Bearings	Delrin Bearings
4	1-1/2	1-5/8	600	MV40HT**	84	01,03		56,57,11,12
4	2	2-3/16	800	MV40JT**	84	02,04,05,09,92	60, 6S	56,57,11,12

Bore & Bearing Sizes														
Bearing/Bore Code	01	02	03	04	05	09	11	12	56	57	60	6S	84	92
Bearing / Bore Type:	Roller Bearings				S.S. Roller Bearings	Caged Roller Bearing	1 PC Delrin Bearing	2 PC Delrin Bearings	Sealed Prec. BB	S.S. Sealed Prec. BB	Plain Bore	3/4 I.D. Roller Bearing w/Bushing		
Inner Diameter:	5/8	5/8	3/4	3/4	3/4	3/4	3/4	1/2	1/2	3/4	1/2	1/2	1-3/16	1/2



- Made specifically for use on inverted angle iron track; they can also be used on flat surfaces.
- Each wheel has a precisely machined 90° V-groove with relief groove which enables load equalization.
- Ductile steel is a combination of special alloys that give it higher weight capacities than cast iron, and is more economical than drop forged steel; also referred to malleable iron; material may flex rather than cracking or breaking when submitted to an extreme shock load.
- Extra thick walled, heavy-duty core, hub & tread face.
- Precision & tapered bearings maximize mobility and performance in towing and severe use environments.
- Tensile strength of 45,000 PSI.
- Temperature range: -45° F to 800° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Groove Width	Replace ** with desired bearing code.			
						Plain Bore	Roller Bearings	Tapered Bearings	Precision BB
4	2	2-3/16	1500	DV40JT**	7/8	84	02,04		
6	2	2-3/16	1500	DV60JT**	7/8	84	02,04		63
6	2-1/2	2-3/4	3500	DV60KT**	7/8	85	23,25	70,71	
6	2-1/2	3-1/4	3500	DV60QT**	7/8	85	24,26		
6	3	3-1/4	5000	DV60LT**	7/8	85	24,26	70,71	65
6	3	3-1/4	5000	DV60LW**	1-3/8	85	24,26	70,71	65
8	2-1/2	2-3/4	3500	DV80KT**	7/8	85	23,25	70,71	
8	2-1/2	3-1/4	3500	DV80QT**	7/8	85	24,26	70	
8	3	3-1/4	5000	DV80LT**	7/8	85	24,26	70,71	65
8	3	3-1/4	5000	DV80LW**	1-3/8	85	24,26	70,71	65
10	3	3-1/4	7000	DV10LT**	7/8	85	24,26	70,71	65
10	3	3-1/4	7000	DV10LW**	1-3/8	85	24,26	70,71	65

Bore & Bearing Sizes															V-Groove Width Choices		
Bearing Code	02	04	05	09	23	24	25	26	63	65	70	71	84	85	92	T	W
Bearing or Bore Type	Roller Bearings		S.S. Roller Bearings	Caged Roller Bearing	Roller Bearings				Sealed Precision BB		Tapered Bearings		Plain Bore		3/4 Roller w/Bushing		
Inner Diameter	5/8	3/4	3/4	3/4	1	1	1-1/4	1-1/4	1/2	3/4	3/4	1	1-3/16	1-15/16	1/2		

Wheels: SOLID STEEL V-GROOVE

NEW!



- Solid ASTM 1045 Steel, straight sided construction offers the maximum weight capacity and durability of any V-groove type wheel on the market.
- Sealed precision ball bearings offer the best possible mobility and do not require any maintenance.
- Wheels are Zinc plated to resist rust.
- Offers long service life; even in ongoing usage applications.
- Popular applications include use in casters and on sliding gates.
- Can be purchased as kits for gate use; includes bushings & axles.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.	
					Precision Bearings w/Bushing 1/2 ID	Precision Bearings w/Bushing 5/8 ID
4	1-13/16	2	3000	SV40IT**	14	19
6	1-13/16	2	5000	SV60IT**	14	19



Wheels: SEMI-STEEL

Durable Superior Casters®



- Semi-Steel / Cast iron, offers a strong, durable, cost effective solution for heavy loads.
- Hard tread rolls easily and offers high abrasion resistance.
- Tread face is precisely machined for a smooth, central ride, tread edge is machined round.
- Hardness: Brinell 145
- Tensile strength of 30,000 PSI.
- Temperature range: -45° F to 600° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Hub Design Type	Part Number	Replace ** with desired bearing code.		
						Plain Bore	Roller Bearings	Delrin Bearings
2	7/8	1	200	C	SS20CS**	80		
2.5	7/8	1	250	C	SS25CS**	81		
3	1-1/4	1-9/16	300	C3	SS30GS**	82,83		
4	1-1/4	1-9/16	300	C3	SS40GS**	82,83		
5	1-1/4	1-9/16	350	C3	SS50GS**	82		
5	1-1/4	1-9/16	350	C4	SS50GS**	83		
3.25	1-1/2	1-5/8	400	C	SS34HS**	84	01,03	
3.25	2	2-3/16	700	C	SS34JS**	84	02,04,09,92	
4	1-1/2	1-5/8	600	C4	SS40HS**	83,84	01,03	56,57,11,12
4	2	2-3/16	700	C3	SS40JS**	84	02,04,09,92	56,57,11,12
5	1-1/2	1-5/8	600	C4	SS50HS**	84	01,03	56,57,11,12
5	2	2-3/16	1000	C	SS50JS**	84	02,04,09,92	56,57,11,12
6	1-1/2	1-5/8	700	C5	SS60HS**	84	01,03	56,57,11,12
6	2	2-3/16	1200	C4	SS60JS**	84	02,04,09,92	56,57,11,12
6	2-1/2	2-3/4	1600	C5	SS60KS**	84	06	
6	2-1/2	2-3/4	1800	C5	SS60KS**	85	23,25	
6	2-1/2	3-1/4	1800	S4	SS60QS**	85	24,26	
6	3	3-1/4	2500	S4	SS60LS**	85	24,26	
8	2	2-3/16	1400	C6	SS80JS**	84	02,04,09,92	56,57,11,12
8	2-1/2	2-3/4	1600	S6	SS80KS**	84	06	
8	2-1/2	2-3/4	1800	S6	SS80KS**	85	23,25	
8	2-1/2	3-1/4	1800	S6	SS80QS**	85	24,26	
8	3	3-1/4	2500	S6	SS80LS**	85	24,26	
10	2-1/2	2-3/4	1700	S5	SS10KS**	84	06	
10	2-1/2	2-3/4	2000	S5	SS10KS**	85	23,25	
10	2-1/2	3-1/4	2000	S5	SS10QS**	85	24,26	
10	3	3-1/4	2500	S5	SS10LS**	85	24,26	
12	2-1/2	2-3/4	2000	S5	SS12KS**	85	23,25	
12	2-1/2	3-1/4	2000	S5	SS12QS**	85	24,26	
12	3	3-1/4	2500	S5	SS12LS**	85	24,26	

Hub Designs: Wheels in various diameters and tread widths have different hub designs & number of spokes. Chart to the left, lists each wheel's hub design type.



Wheels: HEAVY-DUTY SEMI-STEEL



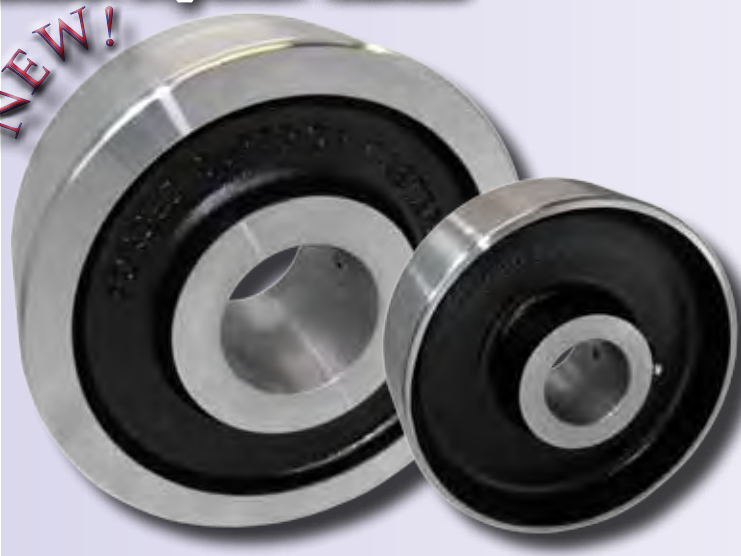
- Higher Capacity than SS
- Thicker tread, stronger spokes & larger hub diameter.
- Sealed precision bearings increase mobility and require no maintenance.

Wheel Dia.	Tread Width	Hub Length	Load Cap.	Hub Design Type	Part Number	Replace ** with bearing code.		
						Plain Bore	Roller Bearings	Sealed Prec. Bearings
4	2	2-3/16	900	C4	HS40JS**	84	02,04,09,92	63
5	2	2-3/16	1200	S4	HS50JS**	84	02,04,09,92	63
6	2	2-3/16	1400	S6	HS60JS**	84	02,04,09,92	63
8	2	2-3/16	1600	S6	HS80JS**	84	02,04,09,92	63

Bore & Bearing Sizes

Bore & Bearing Sizes																						
Bearing or Bore Code	01	02	03	04	06	09	11	12	56	57	23	24	25	26	63	80	81	82	83	84	85	92
Bearing or Bore Type	Roller Bearings					Caged Roller	1 PC Delrin Bearing	2 PC Delrin Bearing	Roller Bearings					Sealed Prec BB w/top hats	Plain Bore						3/4 Roller w/Bushing	
Inner Diameter	5/8	5/8	3/4	3/4	3/4	3/4	3/4	1/2	1/2	3/4	1	1	1-1/4	1-1/4	1/2	1/4	5/16	3/8	1/2	1-3/16	1-15/16	1/2

NEW!



- ASTM 1045 high carbon steel is hot drop forged to improve grain structure of the wheel, enhancing ductibility and tensile strength. This is the ultimate extreme duty wheel.
- Offers the maximum weight capacity, impact strength, durability and roll-ability of all our wheels.
- Tread face is precisely machined for a smooth, central ride, tread edge is machined round.
- Precision & tapered bearings maximize mobility and performance in towing and severe use environments.
- Hardness: Rockwell 80 B
- Tensile strength of 60,000 PSI.
- Temperature range: Up to 1,300° F.

***Machined Solid Steel
Straight Sided 4 x 2 Wheel.**



Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.		
					Plain Bore	Roller Bearings	Tapered Bearings
*4	2	2-3/16	2500	MS40JS**	84	09	
6	2	2-3/16	2500	FS60JS**	84	02,04,09,92	73
6	2-1/2	2-3/4	4000	FS60QS**	85	24,26	
6	2-1/2	2-3/4	8000	FS60QS**			70,71
6	3	3-1/4	8000	FS60LS**	86	27	
6	3	3-1/4	11000	FS60LS**			70,71,79
8	2	2-3/16	3000	FS80JS**	84	02,04,09,92	73
8	2-1/2	2-3/4	5500	FS80QS**	85	24,26	
8	2-1/2	2-3/4	11000	FS80QS**			70,71
8	3	3-1/4	8000	FS80LS**	86	27	
8	3	3-1/4	11000	FS80LS**			70,71,79
8	4	4-1/4	11000	FS80NS**	86	33	
8	4	4-1/4	18000	FS80NS74			74
10	3	3-1/4	8000	FS10LS**	86	27	
10	3	3-1/4	11000	FS10LS**			70,71,79
10	4	4-1/4	11000	FS10NS**	86	33	
10	4	4-1/4	20000	FS10NS74			74
12	3	3-1/4	8000	FS12LS**	86	27	
12	3	3-1/4	11000	FS12LS**	86		70,71,79
12	4	4-1/4	11000	FS12NS**	86	33	
12	4	4-1/4	20000	FS12NS74			74

Bore & Bearing Sizes																		
Bearing Code	02	04	09	24	26	27	33	63	65	70	71	73	74	79	84	85	86	92
Bearing or Bore Type	Roller Bearings		Caged Roller Bearing	Roller Bearings				Sealed Precision BB		Tapered Roller Bearings w/ Top Hat Bushings					Plain Bore			3/4 Roller w/Bushing
Inner Diameter	5/8	3/4	3/4	1	1-1/4		1-1/2	1/2	3/4	3/4	1	1/2	1-1/4	3/4	1-3/16	1-15/16	2-7/16	1/2

Wheels: SINTERED IRON



- Sintered Iron wheels are made from super compressing powdered iron into wheel molds that offer a strong, durable, attractive looking, cost effective solution for light-medium duty loads.
- Hard tread rolls easily and offers high abrasion resistance.
- Tread face is precisely machined for a smooth, concentric surface, tread edge is machined round.
- Hardness: Brinell 145
- Temperature range: -40° F to 500° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Plain Bore	Bore I.D.
2	7/8	1	200	SI20CS80	80	1/4
2.5	1	1-3/8	250	SI25DS81	81	5/16
3	1-1/4	1-9/16	300	SI30GS82	82	3/8
4	1-1/2	1-15/16	400	SI40HS83	83	1/2



Wheels: DUCTILE STEEL

Durable Superior Casters®



- Ductile steel is a combination of special alloys that give it higher weight capacities than cast iron, and is more economical than drop forged steel; also referred to as malleable iron; material may flex rather than cracking or breaking when submitted to an extreme shock load.
- Extra thick walled, heavy-duty core, hub & tread face.
- Precision & tapered bearings maximize mobility and performance in towing and severe use environments.
- Tensile strength of 45,000 PSI.
- Temperature range: -45° F to 800° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.			
					Plain Bore	Roller Bearings	Tapered Bearings	Precision BB
4	1-1/2	2	1200	DS40HR**	84	08		
4	2	2-3/16	1500	DS40JR**	84	02,04,09,92	73	63
5	2	2-3/16	1500	DS50JR**	84	02,04,09,92	73	63
5	2-1/2	2-3/4	2000	DS50KR**	85	23,25		
6	2	2-3/16	2000	DS60JR**	84	02,04,09,92	73	63
6	2-1/2	2-3/4	3500	DS60KR**	85	23,25	70	
6	2-1/2	3-1/4	3500	DS60QR**	85	24,26	70	
6	3	3-1/4	6000	DS60LR**	85	24,26		65,67
6	3	3-1/4	10000	DS60LR**			70,71	
8	2	2-3/16	2000	DS80JR**	84	02,04,09,92	73	63
8	2-1/2	2-3/4	4000	DS80KR**	85	23,25	70	
8	2-1/2	3-1/4	4000	DS80QR**	85	24,26	70	
8	3	3-1/4	6000	DS80LR**	85	24,26		65,67
8	3	3-1/4	10000	DS80LR**			70,71	
8	4	4-1/4	10000	DS80NR**	86	31, 33		68
8	4	4-1/4	17000	DS80NR**			74	
10	2-1/2	2-3/4	4500	DS10KR**	85	23,25	70	
10	3	3-1/4	6000	DS10LR**	85	24,26		
10	3	3-1/4	10000	DS10LR**			70,71	67
10	3	3-1/4	9500	DS10LR**				65
10	4	4-1/4	17000	DS10NR**	86		74	
10	4	4-1/4	10000	DS10NR**	86	31, 33		
12	3	3-1/4	6000	DS12LR**	85	24,26		65
12	3	3-1/4	10000	DS12LR**			70,71	65,67,68
12	3-1/2	4-1/4	15000	DS12MR**			74	
12	3-1/2	4-1/4	10000	DS12MR**	86	31,33		
12	4	4-1/4	11000	DS12NR**	86	31,33		68
12	4	4-1/4	17000	DS12NR**			74	
14	3	3-1/4	6000	DS14LR**	85	24,26		67
14	3	3-1/4	10000	DS14LR**			70,71	67

Bore & Bearing Sizes																			
Bearing Code	02	04	09	23	24	25	26	63	65	67	68	70	71	73	74	84	85	86	92
Bearing or Bore Type	Roller Bearings		Caged Roller Bearing	Roller Bearings				Sealed Precision BB w/ Top Hat Bushings				Tapered Bearings				Plain Bore			3/4 Roller w/Bushing
Inner Diameter	5/8	3/4	3/4	1	1	1-1/4	1-1/4	1/2	3/4	1	1-1/4	3/4	1	1/2	1-1/4	1-3/16	1-15/16	2-7/16	1/2



- Energy Saver Ductile wheel features a crowned tread that rolls and maneuvers better than flat tread wheels.
- Combination of crowned tread and optional precision tapered roller bearings; require less effort to start up and maintain a rolling load, maximize weight capacity and perform well in severe and abusive applications.
- Ductile steel is a combination of special alloys that give it higher weight capacities than cast iron, and is more economical than drop forged steel; also referred to as malleable iron; material may flex rather than cracking or breaking when submitted to an extreme shock load.
- Extra thick walled, heavy-duty core, hub & tread face.
- Tensile strength of 45,000 PSI.
- Temperature range: -45° F to 800° F.

Wheel Diameter	Tread Width	Hub Length	Load Capacity	Part Number	Replace ** with desired bearing code.		
					Plain Bore	Roller Bearings	Tapered Bearings
4	2	2-3/16	1500	CD40JR**	84	02,04	
5	2	2-3/16	1500	CD50JR**	84	02,04	
6	2	2-3/16	2000	CD60JR**	84	02,04	70
6	2-1/2	2-3/4	3500	CD60KR**	85	23,25	70,71
6	2-1/2	3-1/4	3500	CD60QR**	85	24,26	
6	3	3-1/4	6000	CD60LR**	85	24,26	
6	3	3-1/4	10000	CD60LR**			70,71
8	2	2-3/16	2000	CD80JR**	84	02,04	70
8	2-1/2	2-3/4	4000	CD80KR**	85	23,25	70
8	3	3-1/4	6000	CD80LR**	85	24,26	70,71
8	3	3-1/4	10000	CD80LR**			70,71
10	3	3-1/4	7000	CD10LR**	85	24,26	
10	3	3-1/4	10000	CD10LR**			70,71
12	3	3-1/4	8000	CD12LR**	85	24,26	70,71
12	3	3-1/4	10000	CD12LR**			70,71

Wheels: BOGEY & NOSE ROLLERS

- Bogey or Ground Rollers are typically used on roll-off containers and are made of heavy-duty steel tubing with a hub plate welded inside on either end of the tube. Each bogey wheel comes with a carbon steel axle with a recessed zerk grease fitting.
- Nose Rollers are fully machined, and come with a carbon steel axle with a recessed zerk grease fitting.

Part# BR1008

Part# BR0808

Part# BR0406

NEW!



8-5/8" Diameter x 8" wide 1-1/2" x 10-1/2" axle.

10-3/4" Diameter x 8" wide 1-1/2" x 10-1/2" axle.

4" Diameter x 6" wide 1-1/2" x 8-1/4" axle.