

UHMW-PE
NYLON
ACETAL
URETHANE
PTFE
PVDF PHENOLIC
HD-PE
POLYPROPYLENE
COMPOSITE



POWER PLASTICS
Industrial Plastics & Components

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POWERPLASTICSCORP.COM

INTRODUCTION

Power Plastics manufactures all types of plastic industrial components such as gears, bearings, sprockets, chain guide, pulleys and set collars. Using materials such as UHMW, Nylon, Acetal, PTFE, Phenolic as well as many other types of polymers. Power Plastics offers quick delivery, unparalleled prices and outstanding service on any finished product or raw material.

Power Plastics was founded in 1992 in Portland, Oregon to service the distribution market for polymer transmission components and materials. We continue today with that same philosophy. This has enabled us to provide a level of service to our customers that is unrivaled in the industry.

Please explore our web site to learn more about us. If you have comments or questions, let us know by clicking 'Contact Us' or please do not hesitate to call us toll free at 800-495-8141. Thanks for visiting and be sure to check back often for updated information.

ABOUT US

At Power Plastics Corp., our focus is on Industrial Plastics and Components. Get in touch with us today and we will send you a catalog which lists all of our standard stocked components!

Power Plastics is a leading distributor of mechanical grade plastics such as UHMW, Nylon, Acetal, PTFE and Phenolic. We stock large quantities of rod tube and sheet.

Power Plastics manufactures and stocks a whole range of industrial plastic components such as:

- Chain Guide
- Gears
- Bearings
- Sprockets
- Pulleys

Power Plastics serves the distribution market nationwide. Please give us a call at 800-495-8141 for technical assistance and to help find a distributor in your area.

CUSTOM FABRICATION

We offer custom fabrications to meet specific needs. Please contact us for more details.

toll free: 800.495.8141
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email: info@powerplasticscorp.com

PRODUCTS

Acetal Products

Acetal provides high strength and stiffness coupled with enhanced dimensional stability and ease of machining. As a semi-crystalline material, it's also characterized by a low coefficient of friction and good wear properties, especially in wet environments.

Because acetal absorbs minimal amounts of moisture, its physical properties remain constant in a variety of environments. Low moisture absorption results in excellent dimensional stability for close-tolerance machined parts. In high moisture or submerged applications, acetal bearings outperform nylon 4 to 1. It's ideally suited for close tolerance mechanical parts and electrical insulators which require strength and stiffness. It also offers resistance to a wide range of chemicals including many solvents.

Power Plastics has both homopolymer and copolymer grades of acetal including enhanced bearing grade materials. Acetron® GP acetal is porosity-free and offered as our standard general purpose grade. For slightly higher mechanical properties, we offer a broad size range of the homopolymer acetal (Delrin*) products. For improved frictional properties PTFE-enhanced Delrin AF products are available.

Applications Include:

- Bearings and Bushings- Acetal offer excellent stability and good wear resistance in a variety of moist environments.
- Rollers- Guide rollers machined from Acetron® GP rod operate smoothly and reliably in lift gate systems used to load cargo onto truck beds. (Prior materials: Cast Iron, Cast Aluminum)
- Gears- Acetron® GP maintains tight tolerances despite environmental and clean in place chemical exposure on dairy equipment. (Prior materials: Bronze, Stainless Steel)

Nylon Products

Nylon's toughness, low coefficient of friction and good abrasion resistance make it an ideal replacement for a wide variety of materials from metal to rubber. It weighs only 1/8 as much as bronze. Using nylon reduces lubrication requirements, eliminates galling, corrosion and pilferage problems, and improves wear resistance and sound dampening characteristics. Nylon has a proven record of outstanding service in a multitude of parts for such diverse fields as paper, textiles, electronics, construction, mining, metalworking, aircraft, food and material handling.

Nylon is easily fabricated into precision parts using standard metalworking equipment. It's good property

profile combined with a broad size range availability have made the material very popular. Today, a variety of extruded and cast nylon grades are available to match specific application demands.

Applications Include:

- Bearings- Nylatron® NSM Nylon offers up to 10 times longer part life than standard type 6 nylon. (Prior material: Bronze)
- Rollers, Wheels, Wear Components- Nylon offers better wear resistance than other materials in a variety of wear applications. (Prior materials: Steel, Aluminum, UHMW-PE, Injection Molded Nylon)
- Wear Pads- Wear pads made of Nylatron® NSM nylon are lightweight, able to support heavy loads, and are non-abrasive to mating surfaces. (Prior material: Bronze and cast iron covered with UHMW-PE)
- Gears- Gears made of Nylatron® NSM nylon run quieter and wear longer without the need for lubrication on processing equipment. (Prior materials: Bronze and steel)

UHMW Products

The excellent abrasion resistance of UHMW polymer is due to its ultra-high molecular weight. The abrasion resistance allows UHMW to be used as a bearing surface or sprocket contact point, reducing associated wear to mating components. UHMW outwears polished stainless steel by a factor of 5:1. This fact makes it ideal for conveyor wear points such as; chain guide, belt slider beds, dump truck liners, and general power transmission equipment. The durability is high, no particles will wear off or leave a residue...meaning it is approved by the FDA for contact with food. UHMW is very corrosion resistant. One form of corrosion is the continuous presence of water on a material. UHMW will NOT absorb any water over time. It is also very abrasion resistant. Some other beneficial aspects of this material are the good flow characteristics and its ability to absorb shock.

UHMW has a very low co-efficient of friction and even ice will not stick to its surface. Another outstanding property is its high impact strength which is maintained down to very low temperatures. The impact performance under multi-axial shock stress and high stress rate is remarkable. UHMW is available in sheet form or rod stock and is quickly machined. Unconventional machining techniques, allow parts to be fabricated far quicker than steel components.

Applications Include:

- Rollers
- Marine Environments
- Wear Pads
- Bushings
- Sprockets

MATERIALS

Acetal

Acetal offers good temerature resistance, excellent dimensional stability and low moisture absorption. It is used in enviroments where moisture or close tolerance dimensions are needed. It is FDA, USDA, 3A and NSF compliant.

HDPE

High Density Polyethylene. Natural color is white (translucent in thin sections).

Harder, stiffer, and more crystalline than LDPE, but higher temperature and chemical resistance. HDPE is a low cost material for strength, toughness, moisture resistance and UV resistance (when pigmented black). Some grades can be used in food contact applications when used in accordance with FDA standards.

LLDPE

Linear Low Density Polyethylene. Natural color is white (translucent in thin sections).

Softer than HDPE, and more crystalline than LDPE, LLDPE is a low cost material for high impact, low tensile, low hardness, moisture resistance applications and UV resistance (when pigmented black). Some grades can be used in food contact applications when used in accordance with FDA standards.

Nylon - 6, 6/6, 11 and 12

Natural color is white or ivory. Offers great tensile strength and good impact and abrasion resistance. High temperature and chemical resistance. The very low coefficient of friction makes it suitable for wear applications. Nylon will absorb moisture to varying degrees which can affect dimensional stability as well as some mechanical properties. Some grades can be used in food contact applications when used in accordance with FDA standards.

Polycarbonate

Natural color is clear. Maintains a good impact resistance and very high clarity. Has the maximum rigidity available as well as excellent outdoor weathering. Good dimensional stability and fairly high continuous use temperature over 250 Degrees F.

Polypropylene

Natural color is off-white translucent. Good tensile properties and stiffness at service temperatures between 260F-270F. Good impact strength but not as good as HDPE. Polypropylene is a low cost, good chemical and abrasion resistant homopolymer. Resistant to stress cracking but poor weather-ability. Some grades can be used in food contact applications when used in accordance with FDA standards.

Polyurethane - Both Ether and Ester based

Natural color is transparent to translucent. Available in soft grades(60 durometer on the Shore A scale) to hard grades (99 durometer on the Shore A scale). This range of hardness and properties such as tensile and tear strength, good abrasion resistance, and good impact resistance from the harder grades makes polyurethane a versatile elastomer. Ester TPUs are tougher than Ether. They are good in applications involving grease, but will degrade in water. Ethers are good in conditions involving water, but less resistant to chemicals and oils. Excellent cut resistance. Some grades can be used in food contact applications when used in accordance with FDA standards.

PVC - Flexible and Rigid

Natural color is clear to bluish translucent. PVC has excellent weather-ability/UV resistance. Wide range of flexibility obtained by use of plasticizer. Good dimensional stability and nonflammable. Rigid PVC is very corrosion resistant but has poor abrasion resistance. Limited thermal capability. Some grades can be used in food contact applications when used in accordance with FDA standards.

PVDF - Polyvinylidene Fluoride (Kynar/Hylar)

Natural color is translucent beige to clear. Excellent in high heat applications and excellent chemical resistance, PVDF is also very UV resistant. PVDF has greater strength, wear resistance, and creep resistance than PTFE (Teflon). Good continuous use temperature up to 300 degrees F.

UHMW/PE - Ultra High Molecular Weight Polyethylene

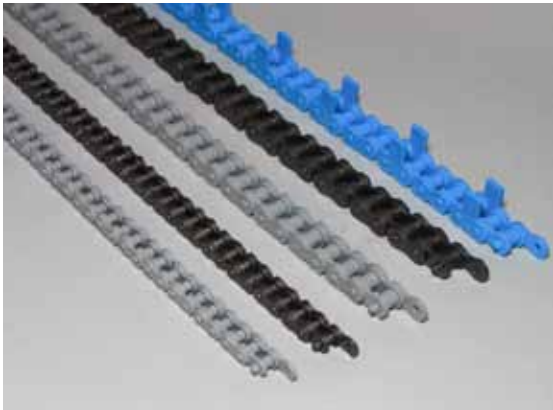
Natural color is opaque white. Outstanding abrasion and impact resistance with a very low coefficient of friction. Excellent choice for wear applications. Some grades can be used in food contact applications when used in accordance with FDA standards.

Plastic Roller Chain

Plastic Roller Chain

P/N	Chain #	Material	Tensile strength at break	Elongation % ultimate	at 75% tensile strength	Elongation recovery at removal of load	After 10 min.	After 30 min
25RCP	25	PP	29	11	6	72	91	95
25RCN	25	Nylon	65	34	14	69	84	87
25RCA	25	Acetal	63	9	5	88	93	98
35RCP	35	PP	66	10	5	80	92	94
35RCN	35	Nylon	136	11	9	73	87	91
35RCA	35	Acetal	136	6	5	88	95	95
40RCP	40	PP	89	8	4	77	87	92
40RCN	40	Nylon	173	9	7	73	87	88
40RCA	40	Acetal	175	4	3	86	91	95

Plastic roller chains are designed for light duty applications. The chains can be used in harsh chemical and caustic environments. they are FDA approved when manufactured from natural acetal. They are quiet, self lubricating, non-conductive, and non-magnetic. Plastic chains and sprockets are usually about 1/8 the weight of equivalent metal components.



Roller Chain Sprockets

#25 Roller Chain Sprockets

P/N	Teeth	Pitch Dia.	Bore (Stock)	(Max)	Hub (Dia)	(LTB)
25B09	9	0.731	1/4"	1/4"	19/32"	0.485
25B10	10	0.809	1/4"	1/4"	9/16"	0.485
25B11	11	0.887	1/4"	5/16"	9/16"	0.485
25B12	12	0.966	5/16"	3/8"	11/16"	0.485
25B13	13	1.045	5/16"	7/16"	3/4"	0.185
25B14	14	1.123	5/16"	1/2"	3/4"	0.485
25B15	15	1.202	5/16"	1/2"	3/4"	0.485
25B16	16	1.281	5/16"	1/2"	13/16"	0.485
25B17	17	1.361	5/16"	1/2"	29/32"	0.485
25B18	18	1.140	3/8"	1/2"	1"	0.485
25B19	19	1.519	3/8"	1/2"	1-1/16"	0.485
25B20	20	1.598	3/8"	1/2"	1-5/32"	0.485
25B21	21	1.677	3/8"	1/2"	1-5/32"	0.485
25B22	22	1.757	3/8"	1/2"	1-5/32"	0.485
25B23	23	1.836	1/4"	1/2"	3/4"	0.610
25B24	24	1.915	3/8"	13/16"	1-7/32"	0.485
25B25	25	1.995	1/2"	1"	1-55/64"	0.700
25B26	26	2.074	3/8"	13/16"	1-7/32"	0.485
25B27	27	2.153	1/2"	1"	2"	0.700
25B28	28	2.233	1/2"	13/16"	1-7/32"	0.485
25B29	29	2.312	1/2"	1"	2"	0.700
25B30	30	2.392	3/8"	7/8"	1-9/32"	0.485
25B31	31	2.471	1/2"	1"	2"	0.700
25B32	32	2.551	1/2"	1"	2"	0.700
25B33	33	2.630	1/2"	1"	2"	0.700
25B34	34	2.709	1/2"	1"	2"	0.700
25B35	35	2.789	1/2"	1"	2"	0.700
25B36	36	2.868	1/2"	7/8"	1-3/8"	0.610
25B37	37	2.948	1/2"	1"	2"	0.700
25B38	38	3.027	1/2"	1"	2"	0.700
25B39	39	3.107	1/2"	1"	2"	0.700
25B40	40	3.186	1/2"	7/8"	1-3/3"	0.610
25B41	41	3.266	1/2"	1"	2"	0.700
25B42	42	3.345	1/2"	1"	2"	0.700
25B43	43	3.425	1/2"	1"	2"	0.700
25B44	44	3.504	1/2"	1"	2"	0.700
25B45	45	3.584	1/2"	1"	2"	0.700
25B46	46	3.663	1/2"	1"	2"	0.700
25B47	47	3.743	1/2"	1"	2"	0.700
25B48	48	3.822	1/2"	7/8"	1-3/8"	0.610
25B49	49	3.902	1/2"	1-1/2"	2"	0.750
25B50	50	3.981	1/2"	1-1/2"	2"	0.750
25B54	54	4.300	1/2"	7/8"	1-3/8"	0.610
25B60	60	4.777	1/2"	7/8"	1-3/8"	0.610



NOTE
1/4" Pitch
Nominal Plate Thickness .110"

Power Plastics manufactures sprockets in a variety of engineering grade plastics to suit many applications. Polymer type sprockets can outperform premium steel sprockets in many harsh applications.

The most common material used for roller chain sprockets larger than #35 chain is UHMW-PE. With an excellent flexural modulus, UHMW-PE slightly deforms under load to evenly distribute the weight of the load among several teeth. This gives UHMW-PE sprockets the ability to handle good loads while increasing chain life.

Other advantages to polymer sprockets include the ability to withstand corrosive environments, reducing sounds levels and meeting FDA/USDA requirements.

Power Plastics can manufacture any type and size of sprocket. You are not limited to the specifications shown in the charts. If a larger hub is required, you need a special face thickness or any other modification, just let us know and we can easily make the change.

We manufacture our sprockets as either A, B, or C hubs. When ordering an A or C hub, just replace the "B" in the part number to either an A or C.

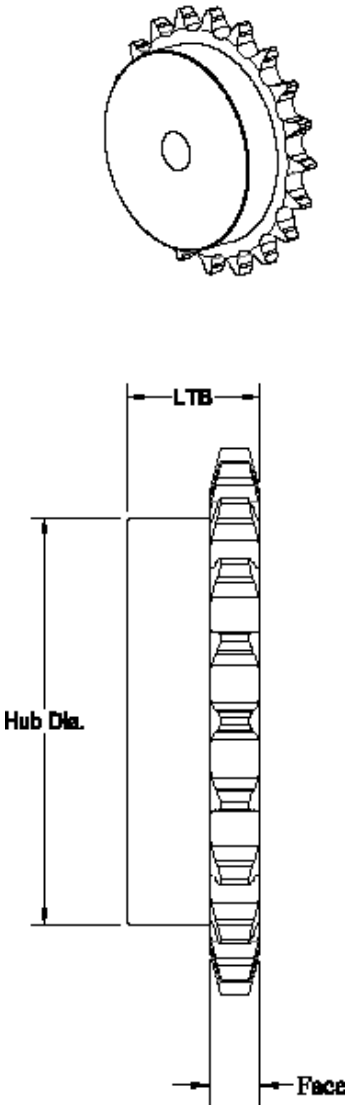
Roller Chain Sprockets

#35 Roller Chain Sprockets

P/N	Teeth	Pitch Dia.	Bore (Stock)	(Max.)	Hub (Dia.)	(LTB)
35B08	8	0.980"	1/4"	3/8"	3/4"	0.668"
35B09	9	1.096"	3/8"	3/8"	5/8"	3/4"
35B10	10	1.214"	3/8"	7/16"	13/16"	3/4"
35B11	11	1.331"	3/8"	1/2"	7/8"	3/4"
35B12	12	1.449"	1/2"	9/16"	1"	3/4"
35B13	13	1.567"	1/4"	1/2"	3/4"	0.668"
35B14	14	1.685"	1/2"	3/4"	1-1/16"	3/4"
35B15	15	1.804"	1/2"	13/16"	1-3/8"	3/4"
35B16	16	1.922"	1/2"	15/16"	1-1/2"	3/4"
35B17	17	2.041"	1/2"	7/8"	1-27/32"*	3/4"
35B18	18	2.160"	1/2"	11/16"	1-1/4"	3/4"
35B19	19	2.278"	1/2"	1"	2"*	3/4"
35B20	20	2.397"	1/2"	1-3/16"	1-1/2"	7/8"
35B21	21	2.516"	1/2"	1"	2"	3/4"
35B22	22	2.635"	1/2"	1"	2"	3/4"
35B23	23	2.754"	1/2"	1"	2"	3/4"
35B24	24	2.873"	1/2"	1-3/16"	2"	7/8"
35B25	25	2.992"	1/2"	1"	2"	3/4"
35B26	26	3.111"	1/2"	1-7/16"	2-1/16"	7/8"
35B27	27	3.230"	1/2"	1"	2"	3/4"
35B28	28	3.349"	1/2"	1"	2"	3/4"
35B29	29	3.468"	1/2"	1"	2"	3/4"
35B30	30	3.588"	1/2"	1-7/16"	2-1/4"	7/8"
35B31	31	3.707"	1/2"	1"	2"	3/4"
35B32	32	3.826"	1/2"	1-1/2"	3"	7/8"
35B33	33	3.945"	1/2"	1-1/2"	3"	7/8"
35B34	34	4.064"	1/2"	1-1/2"	3"	7/8"
35B35	35	4.183"	1/2"	1-7/16"	2-1/4"	7/8"
35B36	36	4.303"	5/8"	1-7/16"	2-1/4"	7/8"
35B37	37	4.422"	1/2"	1-1/2"	3"	7/8"
35B38	38	4.541"	1/2"	1-1/2"	3"	7/8"
35B39	39	4.660"	1/2"	1-1/2"	3"	7/8"
35B40	40	4.780"	5/8"	1-3/4"	2-1/2"	7/8"
35B41	41	4.899"	1/2"	1-1/2"	3"	7/8"
35B42	42	5.018"	1/2"	1-1/2"	3"	7/8"
35B43	43	5.167"	12"	1-1/2"	3"	7/8"
35B44	44	5.257"	12"	1-1/2"	3"	7/8"
35B45	45	5.376"	5/8"	1-3/4"	2-3/4"	1"
35B46	46	5.495"	12"	1-1/2"	3"	7/8"
35B47	47	5.614"	12"	1-1/2"	3"	7/8"
35B48	48	5.734"	12"	1-1/2"	3"	7/8"



NOTE
3/8" Pitch
Nominal Plate Thickness .168"



Roller Chain Sprockets

#40 Roller Chain Sprockets

P/N	Teeth	Pitch Dia.	Bore (Stock)	(Max.)	Hub (Dia.)	(LTB)
40B08	8	1.307"	1/2"	1/2"	1"	7/8"
40B09	9	1.462"	1/2"	1/2"	1-1/16"	7/8"
40B10	10	1.618"	1/2"	1/2"	1-1/4"	7/8"
40B11	11	1.775"	1/2"	1/2"	1-3/8"	7/8"
40B12	12	1.932"	1/2"	5/8"	1-9/16"	7/8"
40B13	13	2.089"	1/2"	5/8"	1-9/16"	7/8"
40B14	14	2.247"	1/2"	3/4"	1-11/16"	7/8"
40B15	15	2.405"	1/2"	7/8"	1-13/16"	7/8"
40B16	16	2.563"	1/2"	15/16"	2"	7/8"
40B17	17	2.721"	1/2"	1"	2-1/8"	1"
40B18	18	2.879"	1/2"	1-1/8"	2-5/16"	1"
40B19	19	3.038"	1/2"	1-1/4"	2-1/2"	1"
40B20	20	3.196"	1/2"	1-1/4"	2-5/8"	1"
40B21	21	3.355"	1/2"	1-1/4"	2-3/4"	1"
40B22	22	3.513"	1/2"	1-3/8"	2-7/8"	1"
40B23	23	3.672"	1/2"	1-3/8"	3"	1"
40B24	24	3.831"	1/2"	1-1/2"	3-1/4"	1"
40B25	25	3.989"	1/2"	1-1/2"	3-1/4"	1"
40B26	26	4.148"	1/2"	1-1/2"	3-1/4"	1"
40B27	27	4.307"	1/2"	1-1/2"	3-1/4"	1"
40B28	28	4.466"	1/2"	1-1/2"	3-1/4"	1"
40B29	29	4.625"	1/2"	1-1/2"	3-1/4"	1"
40B30	30	4.783"	1/2"	1-1/2"	3-1/4"	1"
40B31	31	4.942"	1/2"	1-1/2"	3-1/4"	1"
40B32	32	5.101"	1/2"	1-1/2"	3-1/4"	1"
40B33	33	5.260"	1/2"	1-1/2"	3-1/4"	1"
40B34	34	5.419"	1/2"	1-1/2"	3-1/4"	1"
40B35	35	5.578"	1/2"	1-1/2"	3-1/4"	1"
40B36	36	5.737"	1/2"	1-1/2"	3-1/4"	1"
40B37	37	5.896"	1/2"	1-1/2"	3-1/4"	1"
40B38	38	6.055"	1/2"	1-1/2"	3-1/4"	1"
40B39	39	6.214"	1"	1"	3-1/4"	1"
40B40	40	6.373"	1"	1"	3-1/2"	1"
40B41	41	6.532"	1"	1"	3-1/2"	1"
40B42	42	6.691"	1"	1"	3-1/2"	1"
40B43	43	6.850"	1"	1"	3-1/2"	1"
40B44	44	7.009"	1"	1"	3-1/2"	1"
40B45	45	7.168"	1"	1"	3-1/2"	1"
40B46	46	7.327"	1"	1"	3-1/2"	1"
40B47	47	7.486"	1"	1"	3-1/2"	1"
40B48	48	7.645"	1"	1"	3-1/2"	1"



NOTE
1/2" Pitch
Nominal Plate Thickness .284"

Power Plastics manufactures sprockets in a variety of engineering grade plastics to suit many applications. Polymer type sprockets can outperform premium steel sprockets in many harsh applications.

The most common material used for roller chain sprockets larger than #35 chain is UHMW-PE. With an excellent flexural modulus, UHMW-PE slightly deforms under load to evenly distribute the weight of the load among several teeth. This gives UHMW-PE sprockets the ability to handle good loads while increasing chain life.

Other advantages to polymer sprockets include the ability to withstand corrosive environments, reducing sounds levels and meeting FDA/USDA requirements.

Power Plastics can manufacture any type and size of sprocket. You are not limited to the specifications shown in the charts. If a larger hub is required, you need a special face thickness or any other modification, just let us know and we can easily make the change.

We manufacture our sprockets as either A, B, or C hubs. When ordering and A or C hub, just replace the "B" in the part number to either and A or C.

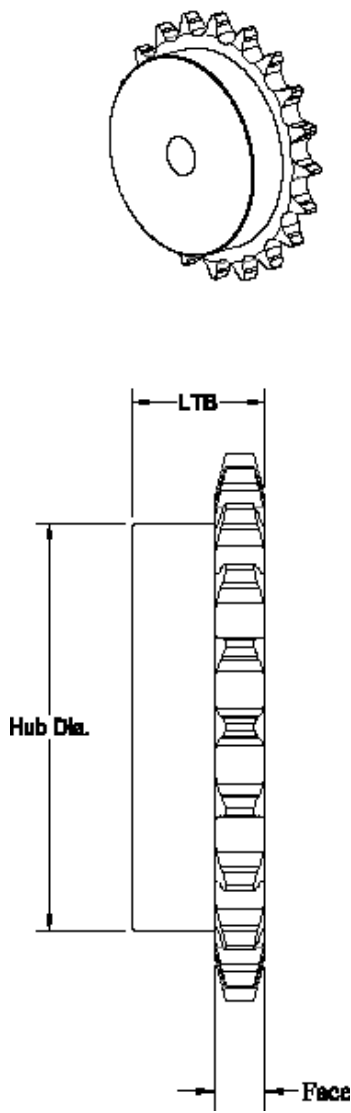
Roller Chain Sprockets

#50 Roller Chain Sprockets

P/N	Teeth	Pitch Dia.	Bore (Stock)	(Max.)	Hub (Dia.)	(LTB)
50B08	9	1.827"	1/2"	5/8"	1-3/8"	1"
50B10	10	2.023"	1/2"	3/4"	1-9/16"	1"
50B11	11	2.218"	1/2"	7/8"	1-3/4"	1"
50B12	12	2.415"	1/2"	1"	1-63/64"	1"
50B13	13	2.612"	1/2"	7/8"	1-7/8"	1"
50B14	14	2.803"	1/2"	1"	2-1/8"	1"
50B15	15	3.006"	1/2"	1-1/4"	2-3/8"	1"
50B16	16	3.204"	1/2"	1-1/4"	2-1/2"	1"
50B17	17	3.401"	1/2"	1-3/8"	2-11/16"	1"
50B18	18	3.599"	1/2"	1-1/2"	2-7/8"	1"
50B19	19	3.797"	1/2"	1-5/8"	3"	1"
50B20	20	3.995"	1/2"	1-5/8"	3"	1"
50B21	21	4.193"	1/2"	1-5/8"	3"	1"
50B22	22	4.392"	1/2"	1-5/8"	3"	1"
50B23	23	4.590"	1/2"	1-5/8"	3"	1"
50B24	24	4.788"	1/2"	1-5/8"	3"	1"
50B25	25	4.987"	1/2"	1-5/8"	3"	1"
50B26	26	5.185"	1/2"	1-5/8"	3"	1"
50B27	27	5.384"	1/2"	1-5/8"	3"	1"
50B28	28	5.582"	1/2"	1-5/8"	3"	1"
50B29	29	5.781"	1/2"	1-5/8"	3"	1"
50B30	30	5.979"	1/2"	1-3/4"	3-1/4"	1"
50B31	31	6.178"	1/2"	1-3/4"	3-1/4"	1"
50B32	32	6.376"	1/2"	1-3/4"	3-1/4"	1"
50B33	33	6.575"	1/2"	1-3/4"	3-1/4"	1"
50B34	34	6.774"	1/2"	1-3/4"	3-1/4"	1"
50B35	35	6.972"	1/2"	1-3/4"	3-1/4"	1"
50B36	36	7.171"	1/2"	1-3/4"	3-1/4"	1"
50B37	37	7.370"	1/2"	1-3/4"	3-1/4"	1"
50B38	38	7.568"	1/2"	1-3/4"	3-1/4"	1"
50B39	39	7.767"	1/2"	1-3/4"	3-1/4"	1"
50B40	40	7.966"	3/4"	2"	3-1/2"	1"
50B41	41	8.165"	3/4"	2"	3-1/2"	1"
50B42	42	8.363"	3/4"	2"	3-1/2"	1"
50B43	43	8.562"	3/4"	2"	3-1/2"	1"
50B44	44	8.761"	3/4"	2"	3-1/2"	1"
50B45	45	8.960"	3/4"	2-3/8"	4"	1"
50B46	46	9.159"	3/4"	2-3/8"	4"	1"
50B47	47	9.357"	3/4"	2-3/8"	4"	1"
50B48	48	9.556"	3/4"	2-3/8"	4"	1"



NOTE
5/8" Pitch
Nominal Plate Thickness .343"



Roller Chain Sprockets

#60 Roller Chain Sprockets

P/N	Teeth	Pitch Dia.	Bore (Stock)	(Max.)	Hub (Dia.)	(LTB)
60B08	8	1.960"	1/2"	5/8"	1-1/2"*	1-1/4"
60B09	9	2.193"	1/2"	7/8"	1-1/2"*	1-1/4"
60B10	10	2.427"	1/2"	1"	1-1/2"	1-1/4"
60B11	11	2.662"	3/4"	1"	2"*	1-1/4"
60B12	12	2.898"	3/4"	1"	2"	1-1/4"
60B13	13	3.134"	3/4"	1"	2-5/16"	1-1/4"
60B14	14	3.370"	3/4"	1"	2-1/2"	1-1/4"
60B15	15	3.607"	3/4"	1"	2-7/8"	1-1/4"
60B16	16	3.844"	3/4"	1"	3"	1-1/4"
60B17	17	4.082"	1"	2"	3-1/4"	1-1/4"
60B18	18	4.319"	1"	2"	3-1/2"	1-1/4"
60B19	19	4.557"	1"	2"	3-1/2"	1-1/4"
60B20	20	4.794"	1"	2"	3-7/8"	1-1/4"
60B21	21	5.032"	1"	2"	4"	1-1/4"
60B22	22	5.270"	1"	2"	4"	1-1/4"
60B23	23	5.508"	1"	2"	4"	1-1/4"
60B24	24	5.746"	1"	2"	4"	1-1/4"
60B25	25	5.984"	1"	2"	4"	1-1/4"
60B26	26	6.222"	1"	2-1/2"	4"	1-1/4"
60B27	27	6.460"	1"	2-1/2"	4"	1-1/4"
60B28	28	6.699"	1"	2-1/2"	4"	1-1/4"
60B29	29	6.937"	1"	2-1/2"	4"	1-1/4"
60B30	30	7.175"	1"	2-1/2"	4"	1-1/4"
60B31	31	7.413"	1"	2-1/2"	4"	1-1/4"
60B32	32	7.652"	1"	2-1/2"	4"	1-1/4"
60B33	33	7.890"	1"	2-1/2"	4"	1-1/4"
60B34	34	8.128"	1"	3"	4-1/2"	1-1/4"
60B35	35	8.367"	1"	3"	4-1/2"	1-1/4"
60B36	36	8.605"	1"	3"	4-1/2"	1-1/4"
60B37	37	8.844"	1"	3"	4-1/2"	1-1/4"
60B38	38	9.082"	1"	3"	4-1/2"	1-1/4"
60B39	39	9.321"	1"	3"	4-1/2"	1-1/4"
60B40	40	9.559"	1"	3"	4-1/2"	1-1/4"
60B41	41	9.798"	1"	3"	4-1/2"	1-1/4"
60B42	42	10.036"	1"	3-1/2"	5"	1-1/4"
60B43	43	10.275"	1"	3-1/2"	5"	1-1/4"
60B44	44	10.513"	1"	3-1/2"	5"	1-1/4"
60B45	45	10.752"	1"	3-1/2"	5"	1-1/4"
60B46	46	10.990"	1"	3-1/2"	5"	1-1/4"
60B47	47	11.229"	1"	3-1/2"	5"	1-1/4"
60B48	48	11.467"	1"	3-1/2"	5"	1-1/4"
60B49	49	11.706"	1"	3-1/2"	5"	1-1/4"
60B50	50	11.944"	1"	3-1/2"	5"	1-1/4"



NOTE
3/4" Pitch
Nominal Plate Thickness .459"

Power Plastics manufactures sprockets in a variety of engineering grade plastics to suit many applications. Polymer type sprockets can outperform premium steel sprockets in many harsh applications.

The most common material used for roller chain sprockets larger than #35 chain is UHMW-PE. With an excellent flexural modulus, UHMW-PE slightly deforms under load to evenly distribute the weight of the load among several teeth. This gives UHMW-PE sprockets the ability to handle good loads while increasing chain life.

Other advantages to polymer sprockets include the ability to withstand corrosive environments, reducing sounds levels and meeting FDA/USDA requirements.

Power Plastics can manufacture any type and size of sprocket. You are not limited to the specifications shown in the charts. If a larger hub is required, you need a special face thickness or any other modification, just let us know and we can easily make the change.

We manufacture our sprockets as either A, B, or C hubs. When ordering and A or C hub, just replace the "B" in the part number to either and A or C.

Roller Chain Sprockets

#100 Roller Chain Sprockets

P/N	Teeth	Pitch Dia.	Bore (Stock)	(Max.)	Hub (Dia.)	(LTB)
100B08	8	3.266"	3/4"	1"	2"	1-3/4"
100B09	9	3.655"	3/4"	1"	2"	1-3/4"
100B10	10	4.045"	1"	2-1/4"	3-1/4"	1-3/4"
100B11	11	4.437"	1"	2-1/4"	3-1/4"	1-3/4"
100B12	12	4.830"	1"	2-1/4"	3-1/4"	1-3/4"
100B13	13	5.223"	1"	2-1/4"	3-1/4"	1-3/4"
100B14	14	5.617"	1"	2-1/4"	3-1/4"	1-3/4"
100B15	15	6.012"	1"	2-1/2"	4"	1-3/4"
100B16	16	6.407"	1"	2-1/2"	4"	1-3/4"
100B17	17	6.803"	1"	2-1/2"	4"	1-3/4"
100B18	18	7.198"	1"	2-1/2"	4"	1-3/4"
100B19	19	7.594"	1"	2-1/2"	4"	2"
100B20	20	7.991"	1"	2-1/2"	4"	2"
100B21	21	8.387"	1"	3"	4-1/2"	2"
100B22	22	8.783"	1/2"	3"	4-1/2"	2"
100B23	23	9.180"	1/2"	3"	4-1/2"	2"
100B24	24	9.577"	1/2"	3"	4-1/2"	2"
100B25	25	9.973"	1/2"	3"	4-1/2"	2"
100B26	26	10.370"	1/2"	3-1/2"	5"	2"
100B27	27	10.767"	1/2"	3-1/2"	5"	2"
100B28	28	11.164"	1/2"	3-1/2"	5"	2"
100B29	29	11.561"	1/2"	3-1/2"	5"	2"
100B30	30	11.958"	1/2"	3-1/2"	5"	2"
100B31	31	12.356"	1/2"	4"	5-1/2"	2"
100B32	32	12.753"	1/2"	4"	5-1/2"	2"
100B33	33	13.150"	1/2"	4"	5-1/2"	2"
100B34	34	13.547"	1/2"	4"	5-1/2"	2"
100B35	35	13.945"	1/2"	4"	5-1/2"	2"
100B36	36	14.342"	1"	4"	5-1/2"	2"
100B37	37	14.740"	1"	4"	6"	2"
100B38	38	15.137"	1"	4"	6"	2"
100B39	39	15.534"	1"	4"	6"	2"
100B40	40	15.932"	1"	4"	6"	2"
100B41	41	16.329"	1"	4"	6"	2"
100B42	42	16.727"	1"	4"	6"	2"
100B43	43	17.124"	1"	4"	6"	2"
100B44	44	17.522"	1"	4"	6"	2"
100B45	45	17.919"	1"	4"	6"	2"
100B46	46	18.317"	1"	4"	6"	2"
100B47	47	18.715"	1"	4"	6"	2"
100B48	48	19.112"	1"	4"	6"	2"
100B49	49	19.510"	1"	4"	6"	2"
100B50	50	19.907"	1"	4"	6"	2"



NOTE
1-1/4" Pitch
Nominal Plate Thicknes .692"

Power Plastics manufactures sprockets in a variety of engineering grade plastics to suit many applications. Polymer type sprockets can outperform premium steel sprockets in many harsh applications.

The most common material used for roller chain sprockets larger than #35 chain is UHMW-PE. With an excellent flexural modulus, UHMW-PE slightly deforms under load to evenly distribute the weight of the load among several teeth. This gives UHMW-PE sprockets the ability to handle good loads while increasing chain life.

Other advantages to polymer sprockets include the ability to withstand corrosive environments, reducing sounds levels and meeting FDA/USDA requirements.

Power Plastics can manufacture any type and size of sprocket. You are not limited to the specifications shown in the charts. If a larger hub is required, you need a special face thickness or any other modification, just let us know and we can easily make the change.

We manufacture our sprockets as either A, B, or C hubs. When ordering and A or C hub, just replace the "B" in the part number to either and A or C.

Double Pitch Roller Chain Sprockets

2040 Double Pitch Sprockets

P/N	Teeth	Pitch Dia.	Outside Dia.	Bore (Stock)	(Max.)	Hub (Dia.)	(LTB)
2040B11	11	1.85"	2.00"	1/2"	13/16"	1-3/8"*	7/8"
2040B12	12	2.00"	2.17"	1/2"	13/16"	1-9/16"*	7/8"
2040B13	13	2.15"	2.33"	1/2"	21/32"	1-9/16"	7/8"
2040B14	14	2.31"	2.49"	1/2"	1-1/32"	1-11/16"*	7/8"
2040B15	15	2.46"	2.65"	1/2"	1-7/32"	1-23/32"	7/8"
2040B16	16	2.61"	2.81"	1/2"	1-9/32"	1-7/8"	7/8"
2040B17	17	2.77"	2.98"	1/2"	1-5/16"	2-3/64"	1"
2040B18	18	2.92"	3.14"	1/2"	1-15/32"	2-7/32"	1"
2040B19	19	3.08"	3.30"	1/2"	1-5/8"	2-3/8"	1"
2040B20	20	3.24"	3.46"	1/2"	1-25/32"	2-35/64"	1"
2040B21	21	3.39"	3.62"	1/2"	1-7/8"	2-45/64"	1"
2040B22	22	3.55"	3.78"	1/2"	1-7/8"	2-45/64"	1"
2040B23	23	3.71"	3.94"	1/2"	2-1/4"	3"	1"
2040B24	24	3.86"	4.10"	1/2"	2-1/4"	3-1/4"	1"
2040B25	25	4.02"	4.26"	1/2"	2-1/4"	3-1/4"	1"
2040B26	26	4.18"	4.42"	1/2"	2-1/4"	3-1/4"	1"
2040B28	28	4.49"	4.74"	1/2"	2-1/4"	3-1/4"	1"
2040B30	30	4.81"	5.06"	1/2"	2-1/4"	3-1/4"	1"



NOTE
1" Pitch

Power Plastics manufactures sprockets for double pitch roller chain. Double pitch sprockets are very similar to standard pitch sprockets but the chain only engages in every other tooth. In sprockets that have an odd number of teeth, the chain will make contact with a tooth on every other rotation thereby increasing the life expectancy of the sprocket.

Standard material used for double pitch sprockets is UHMW-PE because of the excellent flexural modulus properties. Although other materials such as nylon or acetal can be used. For design assistance in choosing the correct material for your application, just call Power Plastics.

2042 Double Pitch Sprockets

P/N	Teeth	Pitch Dia.	Outside Dia.	Bore (Stock)	(Max.)	Hub (Dia)	(LTB)
2042B08	8	2.61"	3.01"	1/2"	1-9/32"	1-7/8"	7/8"
2042B09	9	2.92"	3.35"	1/2"	1-15/32"	2-7/32"	7/8"
2042B10	10	3.24"	3.68"	1/2"	1-3/4"	2-35/65"	1"
2042B11	11	3.55"	4.00"	1/2"	1-7/8"	2-5/8"	1"
2042B12	12	3.86"	4.33"	1/2"	2-1/4"	3-1/16"	1"
2042B13	13	4.18"	4.66"	1/2"	2-1/4"	3-1/4"	1"
2042B14	14	4.49"	4.98"	1/2"	2-1/4"	3-1/4"	1"
2042B15	15	4.81"	5.30"	1/2"	2-1/4"	3-1/4"	1"
2042B16	16	5.13"	5.63"	1/2"	2-1/4"	3-1/4"	1"
2042B17	17	5.44"	5.95"	1/2"	2-1/4"	3-1/4"	1"
2042B18	18	5.76"	6.27"	1/2"	2-1/4"	3-1/4"	1"
2042B19	19	6.08"	6.59"	1/2"	2-1/4"	3-1/4"	1"
2042B20	20	6.39"	6.91"	1/2"	2-3/8"	3-1/2"	1"
2042B21	21	6.71"	7.24"	1/2"	2-3/8"	3-1/2"	1"
2042B22	22	7.03"	7.56"	1/2"	2-3/8"	3-1/2"	1"
2042B23	23	7.34"	7.88"	1/2"	2-3/8"	3-1/2"	1"
2042B24	24	7.66"	8.20"	1/2"	2-3/8"	3-1/2"	1"
2042B25	25	7.98"	8.52"	1/2"	2-3/8"	3-1/2"	1"
2042B26	26	8.30"	8.84"	1/2"	2-3/8"	3-1/2"	1"
2042B28	28	8.93"	9.48"	1/2"	2-3/8"	3-1/2"	1"
2042B30	30	9.57"	10.11"	1/2"	2-3/8"	3-1/2"	1"

Double Pitch Roller Chain Sprockets

2050 Double Pitch Sprockets

P/N	Teeth	Pitch Dia.	Outside Dia.	Bore (Stock)	(Max.)	Hub (Dia.)	(LTB)
2050B11	11	2.315"	2.500"	1/2"	13/16"	1-3/1"*	1"
2050B12	12	2.500"	2.710"	1/2"	1"	1-63/64"	1"
2050B13	13	2.690"	2.910"	1/2"	1-7/32"	1-23/32"	1"
2050B14	14	2.811"	3.110"	1/2"	1-9/32"	1-15/16"	1"
2050B15	15	3.073"	3.320"	1/2"	1-13/32""	2-5/32"	1"
2050B16	16	3.266"	3.520"	1/2"	1-19/32"	2-23/64"	1"
2050B17	17	3.460"	3.720"	1/2"	1-3/4"	2-9/16"	1"
2050B18	18	3.655"	3.920"	1/2"	1-25/32"	2-25/32"	1"
2050B19	19	3.850"	4.120"	1/2"	1-31/32"	2-63/64"	1"
2050B20	20	4.045"	4.320"	1/2"	2"	3"	1"
2050B21	21	4.241"	4.520"	1/2"	2"	3"	1"
2050B22	22	4.437"	4.720"	1/2"	2"	3"	1"
2050B23	23	4.633"	4.920"	1/2"	2"	3"	1"
2050B24	24	4.830"	5.120"	1/2"	2"	3-1/4"	1-1/4"
2050B25	25	5.026"	5.320"	1/2"	2"	3-1/4"	1-1/4"
2050B26	26	5.223"	5.520"	1/2"	2"	3-1/4"	1-1/4"
2050B28	28	5.617"	5.920"	1/2"	2"	3-1/4"	1-1/4"
2050B30	30	6.012"	6.320"	1/2"	2-1/4"	3-1/4"	1-1/4"

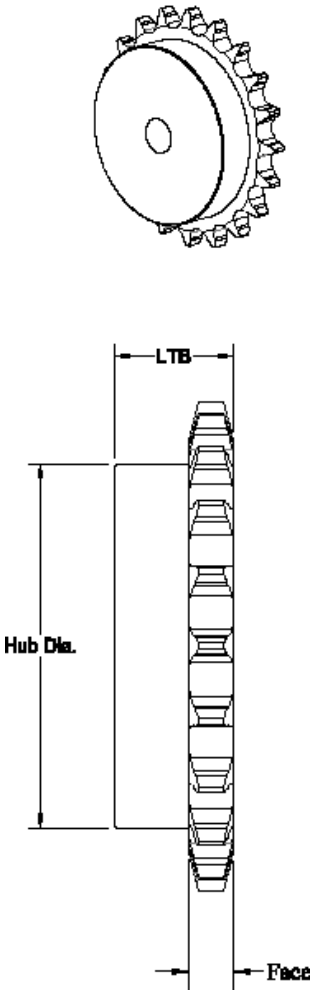


NOTE
1-1/4" Pitch

Power Plastics manufactures double pitch sprockets from UHMW-PE. Shown in the catalog are standard sizes, but any configuration is possible from large hubs, to sprockets without hubs. To order A plate sprockets or a C hub; just replace the "B" to an "A" or "C".

2052 Double Pitch Sprockets

P/N	Teeth	Pitch Dia.	Outside Dia.	Bore (Stock)	(Max.)	Hub (Dia.)	(LTB)
2052B08	8	3.266"	3.770"	1/2"	1-9/32"	2-23/64"	1"
2052B09	9	3.655"	4.190"	1/2"	1-25/32"	2-25/32"	1"
2052B10	10	4.045"	4.600"	1/2"	2"	3"	1"
2052B11	11	4.437"	5.010"	1/2"	2"	3"	1"
2052B12	12	4.830"	5.420"	1/2"	2"	3"	1-1/4"
2052B13	13	5.223"	5.820"	1/2"	2"	3"	1-1/4"
2052B14	14	5.617"	6.230"	1/2"	2"	3"	1-1/4"
2052B15	15	6.012"	6.630"	1/2"	2-1/4"	3-1/4"	1-1/4"
2052B16	16	6.407"	7.030"	1/2"	2-1/4"	3-1/4"	1-1/4"
2052B17	17	6.803"	7.440"	1/2"	2-1/4"	3-1/4"	1-1/4"
2052B18	18	7.198"	7.840"	1/2"	2-1/4"	3-1/4"	1-1/4"
2052B19	19	7.595"	8.240"	1/2"	2-1/4"	3-1/4"	1-1/4"
2052B20	20	7.991"	8.640"	1/2"	2-1/4"	3-1/4"	1-1/4"
2052B21	21	8.387"	9.040"	1/2"	2-1/4"	3-1/4"	1-1/4"
2052B22	22	8.783"	9.440"	1/2"	2-1/4"	3-1/4"	1-1/4"
2052B23	23	9.180"	9.850"	1/2"	2-1/4"	3-1/4"	1-1/4"
2052B24	24	9.577"	10.250"	1/2"	2-1/4"	3-1/4"	1-1/4"
2052B25	25	9.973"	10.650"	1/2"	2-1/4"	3-1/4"	1-1/4"
2052B26	26	10.370"	11.050"	1/2"	2-1/4"	3-1/4"	1-1/4"
2052B28	28	11.164"	11.840"	1/2"	2-1/4"	3-1/4"	1-1/4"
2052B30	30	11.958"	12.640"	1/2"	2-1/4"	3-1/4"	1-1/4"



Double Pitch Roller Chain Sprockets

2060 Double Pitch Sprockets

P/N	Teeth	Pitch Dia.	Outside Dia.	Bore (Stock)	(Max.)	Hub (Dia.)	(LTB)
2060B11	11	2.773"	3.000"	1/2"	1"	2-1/16"*	1-1/4"
2060B12	12	3.000"	3.250"	1/2"	1-1/4"	2-3/8"*	1-1/4"
2060B13	13	3.228"	3.490"	1/2"	1-5/16"	2-5/64"	1-1/4"
2060B14	14	3.457"	3.740"	1/2"	1-9/16"	2-21/64"	1-1/4"
2060B15	15	3.688"	3.980"	1/2"	1-3/4"	2-19/32"	1-1/4"
2060B16	16	3.920"	4.220"	1/2"	1-27/32"	2-27/32"	1-1/4"
2060B17	17	4.152"	4.460"	1/2"	2-3/32"	3-3/32"	1-1/4"
2060B18	18	4.386"	4.700"	1/2"	2-9/32"	3-11/32"	1-1/4"
2060B19	19	4.620"	4.940"	1/2"	2-11/32"	3-1/2"	1-1/4"
2060B20	20	4.854"	5.190"	1/2"	2-9/16"	3-7/8"	1-1/4"
2060B21	21	5.089"	5.430"	1/2"	2-3/4"	4"	1-1/4"
2060B22	22	5.324"	5.670"	1/2"	2-3/4"	4"	1-1/4"
2060B23	23	5.560"	5.910"	1/2"	2-3/4"	4"	1-1/4"
2060B24	24	5.796"	6.150"	1/2"	2-3/4"	4"	1-1/4"
2060B25	25	6.032"	6.390"	1/2"	2-3/4"	4"	1-1/4"
2060B26	26	6.268"	6.630"	1/2"	2-3/4"	4"	1-1/4"
2060B28	28	6.741"	7.110"	1/2"	2-3/4"	4"	1-1/4"
2060B30	30	7.215"	7.590"	1/2"	2-3/4"	4"	1-1/4"

NOTE
1-1/2" Pitch

Power Plastics manufactures sprockets for double pitch roller chain. Double pitch sprockets are very similar to standard pitch sprockets but the chain only engages in every other tooth. In sprockets that have an odd number of teeth, the chain will make contact with a tooth on every other rotation thereby increasing the life expectancy of the sprocket.

Standard material used for double pitch sprockets is UHMW-PE because of the excellent flexural modulus properties. Although other materials such as nylon or acetal can be used. For design assistance in choosing the correct material for your application, just call Power Plastics.

2062 Double Pitch Sprockets

P/N	Teeth	Pitch Dia.	Outside Dia.	Bore (Stock)	(Max.)	Hub(Dia.)	(LTB)
2062B08	8	3.920"	4.520"	1/2"	1-27/32"	2-27/32"	1-1/4"
2062B09	9	4.386"	5.020"	1/2"	2-9/32"	3-11/32"	1-1/4"
2062B10	10	4.854"	5.520"	1/2"	2-9/16"	3-53/64"	1-1/4"
2062B11	11	5.324"	6.010"	1/2"	2-3/4"	4"	1-1/4"
2062B12	12	5.796"	6.500"	1/2"	2-3/4"	4"	1-1/4"
2062B13	13	6.268"	6.990"	1/2"	2-3/4"	4"	1-1/4"
2062B14	14	6.741"	7.470"	1/2"	2-3/4"	4"	1-1/4"
2062B15	15	7.215"	7.960"	1/2"	2-3/4"	4"	1-1/4"
2062B16	16	7.689"	8.440"	1/2"	2-3/4"	4"	1-1/4"
2062B17	17	8.163"	8.920"	1/2"	2-3/4"	4"	1-1/4"
2062B18	18	8.638"	9.410"	1/2"	2-3/4"	4"	1-1/4"
2062B19	19	9.113"	9.890"	1/2"	2-3/4"	4-1/4"	1-1/4"
2062B20	20	9.589"	10.370"	1/2"	2-3/4"	4-1/4"	1-1/4"
2062B21	21	10.064"	10.850"	1/2"	2-3/4"	4-1/4"	1-1/4"
2062B22	22	10.540"	11.330"	1/2"	2-3/4"	4-1/4"	1-1/4"
2062B23	23	11.016"	11.810"	1/2"	2-3/4"	4-1/4"	1-1/4"
2062B24	24	11.492"	12.290"	1/2"	2-3/4"	4-1/4"	1-1/4"
2062B25	25	11.968"	12.770"	1/2"	2-3/4"	4-1/4"	1-1/4"
2062B26	26	12.444"	13.250"	1/2"	2-3/4"	4-1/4"	1-1/4"
2062B28	28	13.397"	14.210"	1/2"	2-3/4"	4-1/4"	1-1/4"
2062B30	30	14.350"	15.170"	1/2"	2-3/4"	4-1/4"	1-1/4"



Power Plastics offers design assistance to determine which material to use in application. Polymer type sprockets are used in industries from food processing to waste water and from the medical industry to wood processing plants.

- Benefits include:**
- Reduce sound levels
 - Electrical Properties: Arc Track Resistance
 - Weather resistance
 - Chemical Resistance
 - Reduced Weight
 - FDA/USDA Compliant
 - No lubrication necessary

Double Pitch Roller Chain Sprockets

2080 Double Pitch Sprockets

P/N	Teeth	Pitch Dia.	Outside Dia.	Bore (Stock)	(Max.)	Hub (Dia.)	(LTB)
2080B11	11	3.694"	4.010"	1/2"	1-1/2"	2-13/26"	1-5/8"
2080B12	12	4.000"	4.330"	1/2"	1-11/16"	3-1/8"	1-5/8"
2080B13	13	4.304"	4.660"	1/22"	1-25/32"	2-3/4"	1-1/2"
2080B14	14	4.610"	4.980"	1/5"	2-1/8"	3-1/8"	1-1/2"
2080B15	15	4.917"	5.300"	1/2"	2-9/32"	3-7/16"	1-1/2"
2080B16	16	5.226"	5.630"	1/2"	2-17/32"	3-3/4"	1-1/2"
2080B17	17	5.536"	5.950"	1/2"	2-3/4"	4"	1-1/2"
2080B18	18	5.848"	6.270"	1/2"	2-3/4"	4-1/4"	1-1/2"
2080B19	19	6.160"	6.590"	1/2"	2-3/4"	4-1/4"	1-1/2"
2080B20	20	6.472"	6.910"	1/2"	2-3/4"	4-1/4"	1-1/2"
2080B21	21	6.785"	7.230"	1/2"	2-3/4"	4-1/4"	1-1/2"
2080B22	22	7.099"	7.560"	1/2"	2-3/4"	4-1/4"	1-1/2"
2080B23	23	7.413"	7.880"	1/2"	2-3/4"	4-1/4"	1-1/2"
2080B24	24	7.727"	8.200"	1/2"	2-3/4"	4-1/4"	1-1/2"
2080B25	25	8.042"	8.520"	1/2"	2-3/4"	4-1/4"	1-1/2"
2080B26	26	8.357"	8.840"	1/2"	2-3/4"	4-1/4"	1-1/2"
2080B28	28	8.988"	9.480"	1/2"	2-3/4"	4-1/4"	1-1/2"
2080B30	30	9.620"	10.110"	1/2"	2-3/4"	4-1/4"	1-1/2"

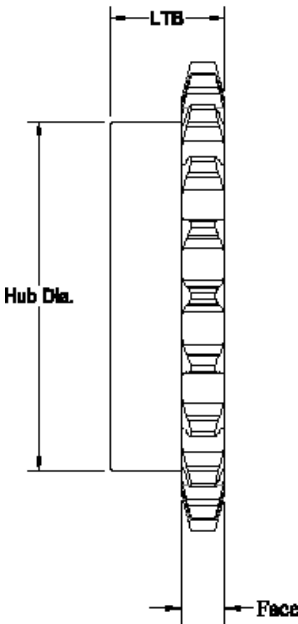


NOTE
2" Pitch

Power Plastics manufactures sprockets for double pitch roller chain. Double pitch sprockets are very similar to standard pitch sprockets but the chain only engages in every other tooth. In sprockets that have an odd number of teeth, the chain will make contact with a tooth on every other rotation thereby increasing the life expectancy of the sprocket.

2082 Double Pitch Sprockets

P/N	Teeth	Pitch Dia.	Outside Dia.	Bore (Stock)	(Max.)	Hub (Dia.)	(LTB)
2082B08	8	5.226"	6.030"	1/2"	2-17/32"	3-3/4"	1-3/4"
2082B09	9	5.848"	6.700"	1/2"	2-3/4"	4-1/4"	1-3/4"
2082B10	10	6.472"	7.360"	1/2"	2-3/4"	4-1/4"	1-3/4"
2082B11	11	7.099"	8.010"	1/2"	2-3/4"	4-1/4"	1-3/4"
2082B12	12	7.727"	8.660"	1/2"	2-3/4"	4-1/4"	1-3/4"
2082B13	13	8.357"	9.310"	1/2"	3-1/4"	4-3/4"	1-3/4"
2082B14	14	8.988"	9.960"	1/2"	3-1/4"	4-3/4"	1-3/4"
2082B15	15	9.620"	10.610"	1/2"	3-1/4"	4-3/4"	1-3/4"
2082B16	16	10.252"	11.250"	1/2"	3-1/4"	4-3/4"	1-3/4"
2082B17	17	10.885"	11.900"	1/2"	3-1/4"	4-3/4"	1-3/4"
2082B18	18	11.518"	12.540"	1/2"	3-1/4"	4-3/4"	1-3/4"
2082B19	19	12.151"	13.190"	1/2"	3-1/4"	4-3/4"	1-3/4"
2082B20	20	12.785"	13.830"	1/2"	3-1/4"	4-3/4"	1-3/4"
2082B21	21	13.419"	14.470"	1/2"	3-1/4"	4-3/4"	1-3/4"
2082B22	22	14.053"	15.110"	1/2"	3-1/4"	4-3/4"	1-3/4"
2082B23	23	14.688"	15.750"	1/2"	3-1/4"	4-3/4"	1-3/4"
2082B24	24	15.323"	16.390"	1/2"	3-1/4"	4-3/4"	1-3/4"
2082B25	25	15.985"	17.030"	1/2"	3-1/4"	4-3/4"	1-3/4"
2082B26	26	16.593"	17.670"	1/2"	3-1/2"	5-1/4"	1-3/4"
2082B28	28	17.863"	18.950"	1/2"	3-1/2"	5-1/4"	1-3/4"
2082B30	30	19.134"	20.230"	1/2"	3-1/2"	5-1/4"	1-3/4"



55 Series Sprockets

A Plate (Type A)

P/N	Bore(Stock)
55A06	1/2"
55A07	1/2"
55A08	1/2"
55A08	1/2"
55A09	1/2"
55A10	1/2"
55A11	1/2"
55A12	1"
55A13	1"
55A14	1"
55A15	1"
55A16	1"
55A17	1"
55A18	1"
55A19	1"
55A20	1"
55A21	1"
55A22	1"
55A23	1"
55A24	1"

55 Series Sprockets (Type C)

P/N	Teeth	Pitch Dia.	Bore (Stock)	(Max.)	Hub (Dia.)	(LTB)
55C06	6	3.26"	1/2"	1"	1-3/4"	1-3/4"
55C07	7	3.76"	1/2"	1"	2"	1-3/4"
55C08	8	4.29"	1/2"	1-1/4"	2-3/4"	2"
55C09	9	4.77"	1/2"	1-1/2"	3"	2"
55C10	10	5.28"	1/2"	2"	3-1/2"	2"
55C11	11	5.79"	1"	2-1/2"	4"	2-5/8"
55C12	12	6.30"	1"	2-1/2"	4"	2-5/8"
55C13	13	6.82"	1"	2-1/2"	4"	2-5/8"
55C14	14	7.33"	1"	2-1/2"	4"	2-5/8"
55C15	15	7.84"	1"	2-1/2"	4"	2-5/8"
55C16	16	8.36"	1"	2-1/2"	4"	2-5/8"
55C17	17	8.88"	1"	3"	4-1/2"	2-5/8"
55C18	18	9.39"	1"	3"	4-1/2"	2-5/8"
55C19	19	9.90"	1"	3"	4-1/2"	2-5/8"
55C20	20	10.43"	1"	3-1/2"	5"	2-5/8"
55C21	21	10.94'	1"	3-1/2"	5"	2-5/8"
55C22	22	11.43"	1"	3-1/2"	5"	2-5/8"
55C23	23	11.97"	1"	3-1/2"	5"	2-5/8"
55C24	24	12.50"	1"	3-1/2"	5"	2-5/8"

Power Plastics manufactures all types of agriculture and mill chain sprockets. Sprockets can be made in any configuration needed. You are not limited to just the dimensions we offer in the catalog.

NOTE
1.631" Pitch
C Hub, UHMW-PE Black Repro,
5/8" Plate thickness



78 Series Sprockets

78 Series Mill Chain Sprockets

P/N	Teeth	Pitch Dia.	Bore (Stock)	(Max.)	Hub (Dia.)	(LTB)
78C04	4	3.69"	1/2"	3/4"	1.48"	2"
78C05	5	4.44"	3/4"	1"	2.46"	2"
78C06	6	5.22"	3/4"	1-1/4"	3.39"	2"
78C07	7	6.01"	1"	1-1/4"	3-1/2"	2"
78C08	8	6.82"	1"	2"	4"	3"
78C09	9	7.63"	1"	2"	4"	3"
78C10	10	8.44"	1"	2-1/2"	4-1/2"	3"
78C11	11	9.26"	1"	2-1/2"	4-1/2"	3"
78C12	12	10.08"	1"	3"	5"	3"
78C13	13	10.90"	1"	3"	5"	3"
78C14	14	11.72"	1"	3"	5"	3"
78C15	15	12.55"	1"	3-1/2"	5-1/2"	3"
78C16	16	13.37"	1"	3-1/2"	5-1/2"	3"
78C17	17	14.20"	1"	3-1/2"	6"	3"
78C19	19	15.85"	1"	3-1/2"	6"	3"
78C21	21	17.51"	1"	3-1/2"	6"	3"
78C24	24	19.99"	1"	3-1/2"	7"	3"
78C25	25	20.82"	1"	4"	7"	3"
78C28	28	23.30"	1"	4"	7"	3"
78C30	30	24.96"	1"	4"	9"	3"
78C35	35	29.11"	1"	5"	9"	3"
78C40	40	33.25"	1"	5"	9"	3"
78C42	42	34.91"	1"	5"	9"	3"
78C46	46	38.23"	1"	5"	9"	3"

Power Plastics manufactures all types mill sprockets including 55 series (1.631" pitch), 78 series (2.609" pitch), 82 series (3.075" pitch) and 131 series (3.075" pitch). Standard material used in UHMW-PE because of the many excellent inherent properties such as reduced noise levels, self lubricating, moisture resistant, corrosion resistant, reduced weight and cost-effective.

Of course any modification can be made to the sprockets from what is shown in the charts such as increased hub projections, grease grooves or any other change that would be needed.



NOTE
2.609" Pitch
C Hub, UHMW-PE Black Repro

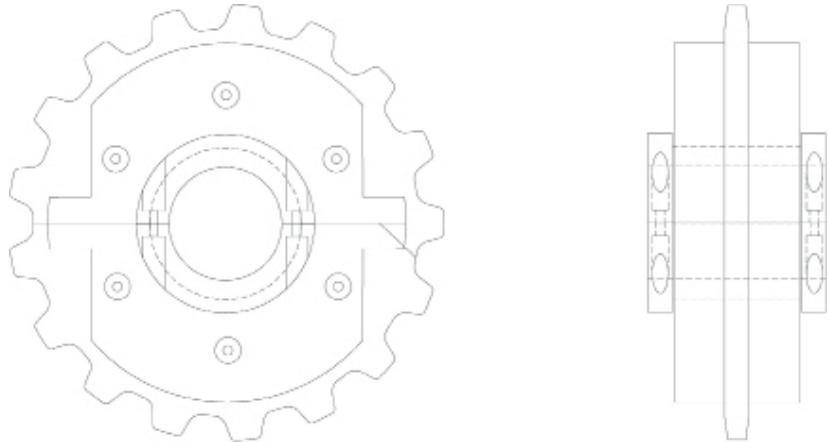
A Plate Sprockets

P/N	Bore (Stock)
78A04	1/2"
78A05	1/2"
78A06	1/2"
78A07	1/2"
78A08	1/2"
78A09	1/2"
78A10	1/2"
78A11	1/2"
78A12	1/2"
78A13	1/2"
78A14	1/2"
78A15	1/2"
78A16	1/2"
78A17	1/2"
78A19	1/2"
78A21	1/2"
78A24	1/2"
78A25	1/2"
78A28	1/2"
78A30	1/2"
78A40	1/2"
78A42	1/2"
78A46	1/2"

78 Series Split Sprockets

Split 78 Series Mill Chain Sprockets

P/N	Teeth	Pitch Dia.	Bore (Stock)	(Max.)	Hub Dia.	(LTB)
78C06S	6	5.22"	1"	1-1/2"	3.39"	3"
78C07S	7	6.01"	1"	2"	4"	3"
78C08S	8	6.82"	1"	2"	4"	3"
78C09S	9	7.63"	1"	2-1/8"	5"	3"
78C10S	10	8.44"	1"	2-3/4"	5"	3"
78C11S	11	9.26"	1"	2-3/4"	5"	3"
78C12S	12	10.08"	1"	2-3/4"	5"	3"
78C13S	13	10.09"	1"	2-3/4"	5"	3"
78C14S	14	11.72"	1"	2-3/4"	5"	3"
78C15S	15	12.55"	1"	2-3/4"	5"	3"
78C16S	16	13.37"	1"	4"	7"	3"
78C17S	17	14.20"	1"	4"	7"	3"
78C18S	18	15.02"	1"	4"	7"	3"
78C19S	19	15.85"	1"	4"	7"	3"
78C21S	21	17.51"	1-3/4"	4-1/2"	8-7/8"	3"
78C22S	22	18.33"	1-3/4"	4-1/2"	8-7/8"	3"
78C24S	24	19.99"	1-3/4"	4-1/2"	8-7/8"	3"
78C25S	25	20.82"	1-3/4"	4-1/2"	8-7/8"	3"
78C27S	27	22.47"	1-3/4"	4-1/2"	8-7/8"	3"
78C28S	28	23.30"	1-3/4"	4-1/2"	8-7/8"	3"
78C30S	30	24.96"	1-3/4"	4-1/2"	8-7/8"	3"
78C34S	34	28.28"	1-3/4"	4-1/2"	8-7/8"	3"
78C40S	40	33.25"	1-3/4"	4-1/2"	8-7/8"	3"
78C45S	45	37.40"	1-3/4"	6-1/2"	12"	3"



NOTE
1.609" Pitch
C Hub, UHMW-PE Black Repro

Power Plastics offers design assistance to determine which material to use in application. Polymer type sprockets are used in industries from food processing to waste water and from the medical industry to wood processing plants.

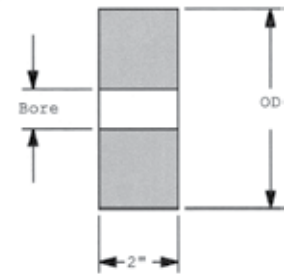
- Benefits include:**
- Reduce sound levels
 - Electrical properties: Arc track resistance
 - Weather resistance
 - Chemical resistance
 - Reduced weight
 - FDA/USDA compliant
 - No lubrication necessary

Flat Top Idler Wheels

Flat Wire Belt Idler Wheels

P/N	OD	Face Width
UFW13	3.984"	2"
UFW18	5.658"	2"
UFW23	7.400"	2"

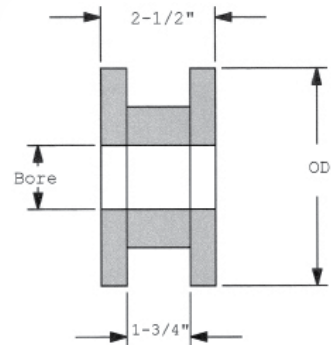
NOTE
For use as a flat wire belt return.
UHMW-PE Nat. White material



Flat Top Idler Wheels

P/N	Equivalent Tooth Size	Outside Dia.	Bore (Stock)	(Max)
UFT21	21	5.110"	1/2"	2-1/2"
UFT23	23	5.600"	1/2"	2-1/2"
UFT25	25	6.090"	1/2"	2-1/2"

NOTE
For use as an idler wheel for 815, 820, 880 and 881 chain. UHMW-PE Nat. White material



Flat Wire Belt Sprockets

Flat Wire Standard Weight Belt Sprockets 1/2"x1/2"

P/N	Teeth	Flange Dia.	OD	Flange Width	Stock Bore
08FW22	22	3.39"	4.13"	1-1/2"	3/4"
08FW38	38	6.17"	6.89"	1-1/2"	3/4"
08FW46	46	7.53"	8.27"	1-1/2"	3/4"
08FW62	62	10.31"	11.05"	1-1/2"	3/4"

NOTE
UHMW-PE Nat.

Flat Wire Standard Weight Belt Sprockets 1/2"x1"

P/N	Teeth	Flange Dia.	OD	Flange Width	Stock Bore
12FW13	13	3.98"	4.75"	2"	3/4"
12FW18	18	5.70"	6.48"	2"	3/4"
12FW23	23	7.42"	8.20"	2"	3/4"

NOTE
UHMW-PE Nat. East Coast Modified/Standard Weight Belt 1/2"x1" or 1"x1"

Flat Wire Heavy Weight Belt Sprockets 1"x1"

P/N	Teeth	Flange Dia.	OD	Flange Width	Stock Bore
16FW13	13	4.00"	4.95"	2"	3/4"
16FW18	18	5.66"	6.65"	2"	3/4"
16FW23	23	7.39"	8.39"	2"	3/4"
16FW25	25	8.07"	9.07"	2"	3/4"
16FW231	31	10.16"	11.16"	2"	3/4"
16FW37	37	12.17"	13.17"	2"	3/4"

NOTE
UHMW-PE Nat. Heavy Weight Belt for 1/2"x1" or 1"x1"

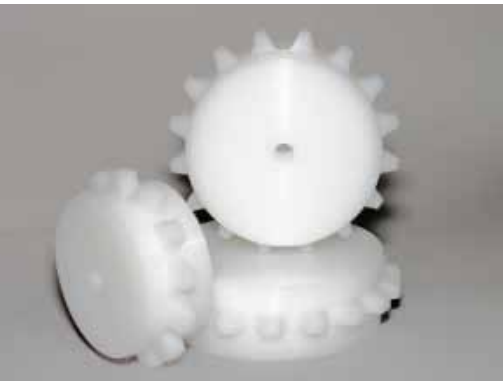
Flat Wire Modified Weight Belt Sprockets 1/2"x1/2"

P/N	Teeth	Flange Dia.	OD	Flange Width	Stock Bore
08FW11M	11	3.31"	4.08"	2"	3/4"
08FW13M	13	4.13"	4.83"	2"	3/4"
08FW18M	18	5.65"	6.42"	2"	3/4"
08FW19M	19	5.94"	6.69"	2"	3/4"
08FW23M	23	7.56"	8.27"	2"	3/4"
08FW37M	37	13.92"	14.69"	2"	3/4"

NOTE
UHMW-PE Nat. Modified Weight Belt for 1/2"x1/2"

Flat wire belt sprockets manufactured from high strength engineering plastics can offer advantages over steel and stainless steel in many applications. They are solutions to problems such as corrosion in applications where chemical agents can cause damage to ordinary steel sprockets. Plastic sprockets are ideal in the food processing industry because UHMW-PE is FDA/USDA approved.

- Other benefits are:**
- Reduced noise levels
 - Resistance to moisture
 - Self lubrication
 - Reduction in belt wear



Flat Top Conveyor Sprockets

815 Flat Top Conveyor Sprocket

P/N	Teeth (Actual)	(Effective)	Pitch Dia.	Outside Dia.	Bore (Stock)	(Max.)
815FT19	19	9-1/2	4.620"	4.610"	3/4"	1-1/4"
815FT20	20	10	4.854"	4.860"	3/4"	1-1/4"
815FT21	21	10-1/2	5.089"	5.120"	3/4"	1-3/4"
815FT22	22	11	5.324"	5.350"	3/4"	1-3/4"
815FT23	23	11-1/2	5.560"	5.590"	3/4"	1-3/4"
815FT24	24	12	5.796"	5.830"	3/4"	2"
815FT25	25	12-1/2	6.032"	6.070"	3/4"	2"
815FT27	27	13-1/2	6.504"	6.560"	3/4"	2"
815FT29	29	14-1/2	6.978"	7.050"	3/4"	2-1/2"
815FT31	31	15-1/2	7.452"	7.530"	3/4"	2-1/2"
815FT41	41	20-1/2	9.826"	9.930"	3/4"	2-1/2"

815 Split Flat Top Conveyor Sprocket

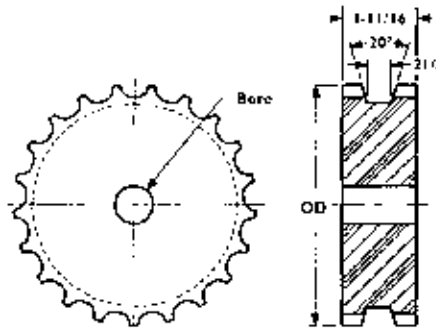
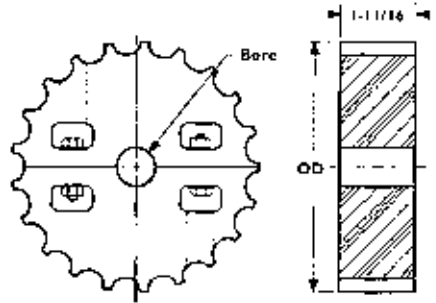
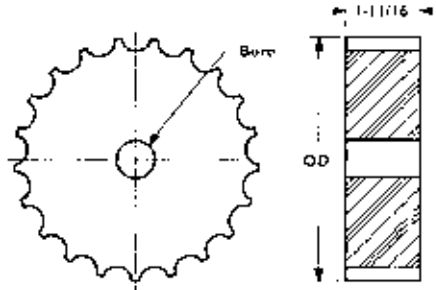
P/N	Teeth (Actual)	(Effective)	Pitch Dia.	Outside Dia.	Bore (Stock)	(Max.)
815FT21S	21	10-1/2	5.089"	5.120"	3/4"	1-1/2"
815FT22S	22	11	5.324"	5.350"	3/4"	1-1/2"
815FT23S	23	11-1/2	5.560"	5.590"	3/4"	1-1/2"
815FT24S	24	12	5.796"	5.830"	3/4"	1-1/2"
815FT25S	25	12-1/2	6.032"	6.070"	3/4"	1-1/2"
815FT27S	27	13-1/2	6.504"	6.560"	3/4"	1-1/2"

820 Flat Top Conveyor

P/N	Teeth (Actual)	(Effective)	Pitch Dia.	Outside Dia.	Bore (Stock)	(Max.)
820FT19	19	9-1/2	4.620"	4.610"	3/4"	1-1/4"
820FT20	20	10	4.854"	4.860"	3/4"	1-1/4"
820FT21	21	10-1/2	5.089"	5.120"	3/4"	1-3/4"
820FT22	22	11	5.324"	5.350"	3/4"	1-3/4"
820FT23	23	11-1/2	5.560"	5.590"	3/4"	1-3/4"
820FT24	24	12	5.796"	5.830"	3/4"	2"
820FT25	25	12-1/2	6.032"	6.070"	3/4"	2"
820FT27	27	13-1/2	6.504"	6.560"	3/4"	2"
820FT29	29	14-1/2	6.978"	7.050"	3/4"	2-1/2"
820FT31	31	15-1/2	7.452"	7.530"	3/4"	2-1/2"
820FT41	41	20-1/2	9.826"	9.930"	3/4"	2-1/2"

NOTE

UHMW-PE Nat. (White)



Flat Top Conveyor Sprockets

820 Split Flat Top Conveyor Sprocket

P/N	Teeth (Actual)	(Effective)	Pitch Dia.	Outside Dia.	Bore (Stock)	(Max.)
820FT21S	21	10-1/2	5.089"	5.120"	3/4"	1-1/2"
820FT22S	22	11	5.324"	5.350"	3/4"	1-1/2"
820FT23S	23	11-1/2	5.560"	5.590"	3/4"	1-1/2"
820FT24S	24	12	5.796"	5.830"	3/4"	1-1/2"
820FT25S	25	12-1/2	6.032"	6.070"	3/4"	1-1/2"
820FT27S	27	13-1/2	6.504"	6.560"	3/4"	1-1/2"

821 Flat Top Conveyor Sprocket

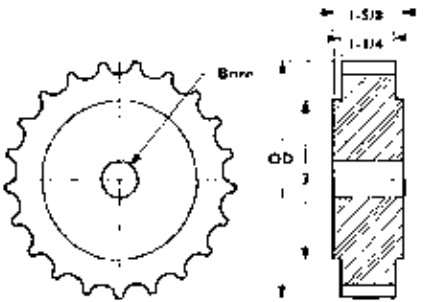
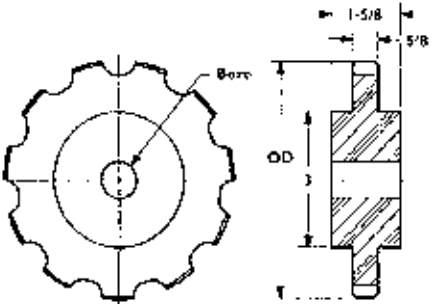
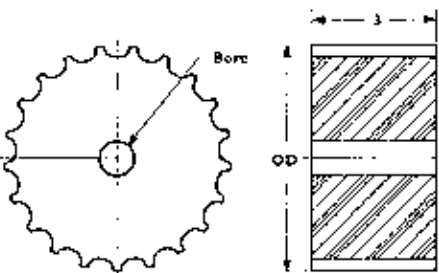
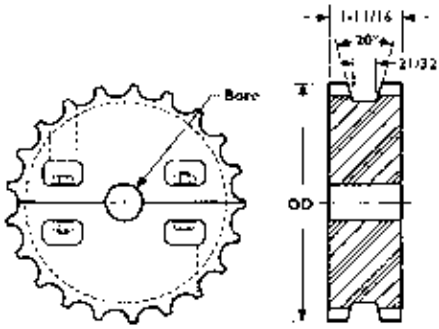
P/N	Teeth (Actual)	(Effective)	Pitch Dia.	Outside Dia.	Bore (Stock)	(Max.)
821FT21	21	10-1/2	5.089"	5.120"	3/4"	1-3/4"
821FT23	23	11-1/2	5.560"	5.590"	3/4"	1-3/4"
821FT25	25	12-1/2	6.032"	6.070"	3/4"	2"
821FT27	27	13-1/2	6.504"	6.560"	3/4"	2"
821FT29	29	14-1/2	6.978"	7.050"	3/4"	2-1/2"

880 Flat Top Conveyor Sprocket

P/N	Teeth (Actual)	(Effective)	Pitch Dia.	Outside Dia.	Bore (Stock)	(Max.)
880FT9	9	9	4.386"	4.33"	3/4"	1-3/4"
880FT10	10	10	4.854"	4.82"	3/4"	1-3/4"
880FT11	11	11	5.325"	5.31"	3/4"	1-3/4"
880FT12	12	12	5.796"	5.80"	3/4"	1-3/4"
880FT15	15	15	7.215"	7.26"	3/4"	1-3/4"

881 Flat Top Conveyor Sprocket

P/N	Teeth (Actual)	(Effective)	Pitch Dia.	Outside Dia.	Bore (Stock)	(Max.)
881FT21	21	10-1/2	5.089"	5.120"	3/4"	1-3/4"
881FT23	23	11-1/2	5.560"	5.590"	3/4"	1-3/4"
881FT25	25	12-1/2	6.032"	6.070"	3/4"	1-3/4"



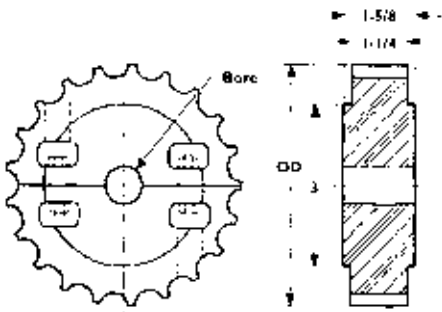
NOTE

UHMW-PE Nat. (White)

Flat Top Conveyor Sprockets

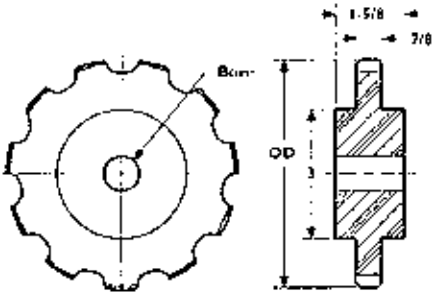
881 Split Flat Top Conveyor Sprocket

P/N	Teeth (Actual)	(Effective)	Pitch Dia.	Outside Dia.	Bore (Stock)	(Max.)
881FT21S	21	10-1/2	5.089"	5.120"	3/4"	1-1/2"
881FT23S	23	11-1/2	5.560"	5.590"	3/4"	1-1/2"
881FT25S	25	12-1/2	6.032"	6.070"	3/4"	1-1/2"



882 Flat Top Conveyor

P/N	Teeth (Actual)	(Effective)	Pitch Dia.	Outside Dia.	Bore (Stock)	(Max.)
882FT9	9	9	4.386"	4.43"	3/4"	1-3/4"
882FT10	10	10	4.854"	4.92"	3/4"	1-3/4"
882FT11	11	11	5.325"	5.41"	3/4"	1-3/4"
882FT12	12	12	5.796"	5.90"	3/4"	1-3/4"
882FT15	15	15	7.215"	7.36"	3/4"	1-3/4"



NOTE
UHMW-PE Nat. (White)

Waste Water Treatment

Power Plastics offers sprockets, wear shoes and wear strips made from tough Ultra High Molecular Weight Polyethylene (UHMW-PE) and oil filled Nylon materials that will survive the harshest water treatment environments. **Our sprockets are manufactured from cast UHMW-PE sheet allowing the highest molecular mass structure providing the best wear rate in the industry.**

UHMW-PE resists 85% sulfuric acid and concentrated sodium hydroxide. It has a specific gravity of .84 making it lighter than water and it does not absorb water. UHMW-PE's low co-efficient of friction and weight give Power Plastic water treatment products abrasion resistance five times greater than metal. This allows for the reduction of power needed to drive a system by up to 15%.

The following information provides a brief overview of Power Plastic sprockets for H78 as well as 720 chains. For more information please feel free to call PPC.

STANDARD DESIGN FEATURES:

Split Hubs

Power Plastic sprockets are supplied with split hubs as STANDARD. The split hub design allows a sprocket to be assembled onto or removed from shafts without removing the shaft from the wall. It also allows the sprocket to be removed without removing adjacent items such as bearings, set collars, or static shaft bushings.

Additionally, split sprockets can be reversed, allowing for use of the unworn sides of the sprocket teeth. This alone doubles the life of the sprocket.

Power Plastic sprockets are also available in various types. Most Power Plastic sprockets, however, are supplied as type "C". These hubs are symmetrically shaped with the hub extending an equal distance from the sprocket wheel on each side. Power Plastic sprockets are also available in "C" offset (sprocket wheel extends from hub slightly off-center), "B" type (hub only extends on one side), and "A" type (no hub at all — sprocket attached to alternate hub or device via holes on sprocket wheel).

Hunting Tooth

Power Plastic 720 sprockets are supplied in hunting tooth design as STANDARD. These hunting tooth sprockets have an odd number of teeth and are spaced at half of the chain pitch. With this arrangement, there are essentially two independent sets of sprocket teeth. Every time the sprocket makes a revolution, the chain links engage a new set of teeth. Each tooth makes contact with the chain only half as many times as it would on a regular sprocket, thus doubling the life of the sprocket.

With their standard split, hunting tooth design Power Plastic 720 sprockets will last four times as long as solid non-hunting tooth sprockets.

* Because of the smaller pitch size, NH78 sprockets are not available in hunting tooth style.

Waste Water Treatment

Sprocket Features



OPTIONAL DESIGN FEATURES:

Chainsaver Rims

Power Plastic sprockets are optionally available with Chainsaver Hubs. The Chainsaver Hub is located in a position that provides for even load distribution along the sidebars of the chain.

Special Hubs

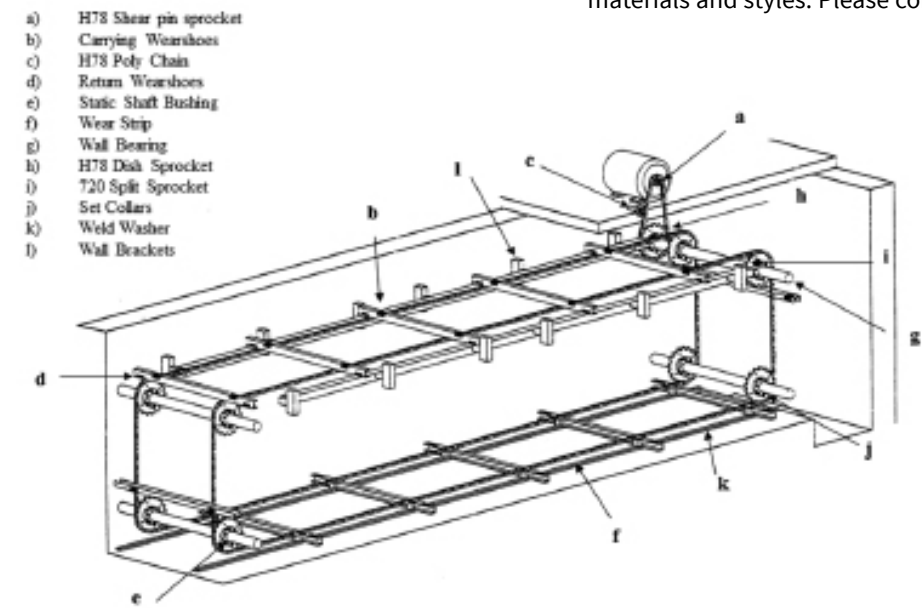
Power Plastic drive sprockets can be supplied with an integral shear pin hub in "A" plate style for attachment to a separate overload protection device, such as a ball-detent torque limiter.

Shear pin hub sprockets are the simplest and most cost efficient of the overload protection devices, and are available in a variety of designs and materials to fit your needs. Hubs are available in UHMW-PE as well as Nylon 6, for extremely corrosive environments.

Segmental Rim Sprockets

Power Plastic sprockets are optionally available in segmental rim design. These sprockets are constructed such that the rim section of the sprocket, consisting of several segments, can be removed and reversed or replaced without removing and replacing the sprocket hub. This can make sprocket replacement less costly.

Power Plastic segmental rim sprockets are available in a variety of hub materials and styles. Please contact Power Plastic for your specific needs.

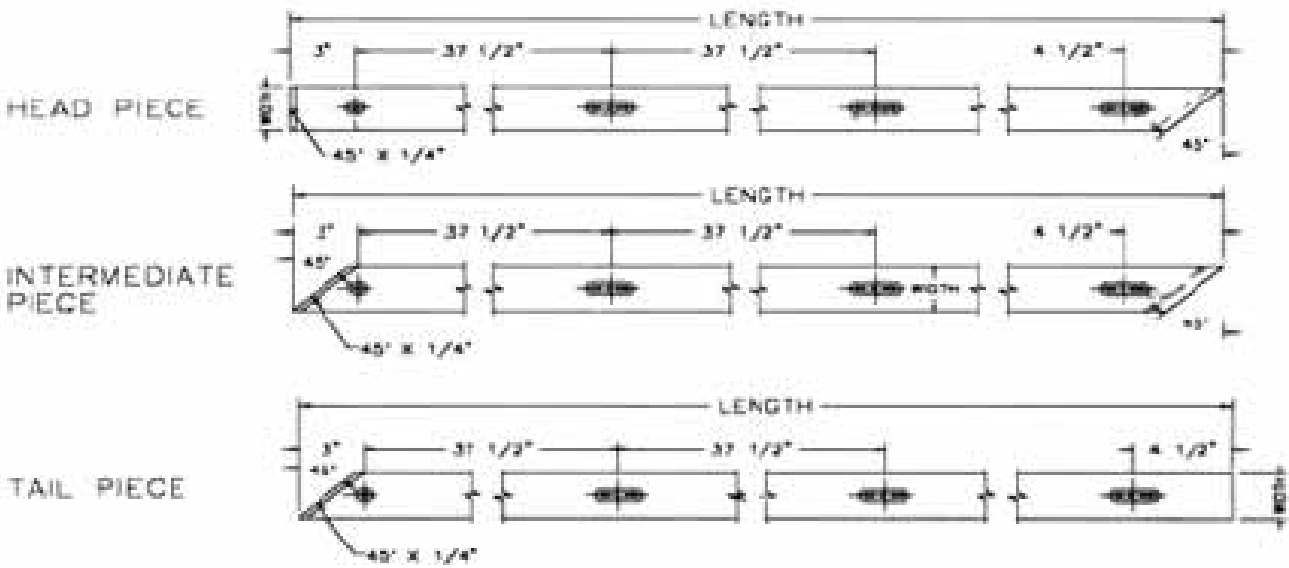
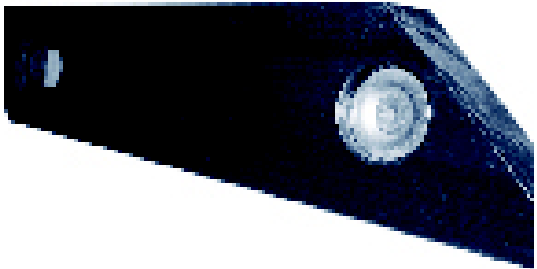


- a) H78 Shear pin sprocket
- b) Carrying Wearshoes
- c) H78 Poly Chain
- d) Return Wearshoes
- e) Static Shaft Bushing
- f) Wear Strip
- g) Wall Bearing
- h) H78 Disk Sprocket
- i) T20 Split Sprocket
- j) Set Collars
- k) Weld Washer
- l) Wall Brackets

Waste Water Treatment

Wear Strips

Power Plastics UHMW-PE wear strips are the ideal wearing surface for non-metallic and metallic wear shoes. These corrosion resistant strips lower friction, reduce noise, and allow flight to run smoothly in a rectangular clarifier, reducing wear on flight shoes. Easy to install with weld washers for tee-rail, concrete floors, or return track, Power Plastics UHMW-PE wear strips make systems more energy efficient. These wear rails have a low coefficient of friction which enables them to not absorb water or swell, and yield longer system life. Beveled ends and slotted holes allow for thermal expansion during down time. Power Plastic wear strips are available in a variety of widths and thicknesses, in virgin grade and reprocessed UHMW-PE. See wear strip assembly sheets for mounting options.



Water Treatment Wearstrip Filler

P/N	Thickness	Width	Length	Center Line
WTFW06-042	3/8"	2-5/8"	120"	1-5/16"
WTFW06-048	3/8"	3"	120"	1-1/2"
WTFW08-040	1/2"	2-1/2"	120"	1-1/4"
WTFW08-048	1/2"	3"	120"	1-1/2"
WTFW08-056	1/2"	3-1/2"	120"	1-3/4"
WTFW08-064	1/2"	4"	120"	2"
WTFW08-080	1/2"	5"	120"	2-1/2"
WTFW10-040	5/8"	2-1/2"	120"	1-1/4"
WTFW10-048	5/8"	3"	120"	1-1/2"
WTFW10-064	5/8"	4"	120"	2"
WTFW10-080	5/8"	5"	120"	2-1/2"

Water Treatment Wearstrip Starter

P/N	Thickness	Width	Length	Center Line
WTSW06-042	3/8"	2-5/8"	120"	1-5/16"
WTSW06-048	3/8"	3"	120"	1-1/2"
WTSW08-040	1/2"	2-1/2"	120"	1-1/4"
WTSW08-048	1/2"	3"	120"	1-1/2"
WTSW08-056	1/2"	3-1/2"	120"	1-3/4"
WTSW08-064	1/2"	4"	120"	2"
WTSW08-080	1/2"	5"	120"	2-1/2"
WTSW10-040	5/8"	2-1/2"	120"	1-1/4"
WTSW10-048	5/8"	3"	120"	1-1/2"
WTSW10-064	5/8"	4"	120"	2"
WTSW10-080	5/8"	5"	120"	2-1/2"

Waste Water Treatment

Carry and Return Wear Shoes

Power Plastic reversible flight wear shoes are manufactured from UHMW-PE for low coefficient of friction, superior corrosion resistance and high abrasion resistance. Unlike heavy metal shoes, Power Plastic wearing shoes greatly reduce friction when run on UHMW-PE wear strips, allowing chain and flight systems to run more smoothly. Power Plastic wear shoes also last longer than Polyurethane and Nylon wear shoes since they do not absorb water and are more corrosive resistant.

Carrying Wearshoes

Material: TIVAR® | Color: Black

P/N	A	B	C	D	E	F
CWS001	5-1/2"	3"	1-5/16"	7/8"	3-3/4"	1/2"
CWS550	5-1/2"	3"	1-3/8"	7/8"	3-3/4"	1/2"
CWS600	6"	3"	1-3/8"	1-1/8"	3-3/4"	1/2"

Single Hole Return Wearshoes

Material: TIVAR® 1000 Recycled | Color: Black

P/N	A	B	C	D	E	F
RWS001	4"	3-1/2"	1-5/16"	2"	—	1/2"
RWS450	4"	3-1/2"	1-3/8"	2"	—	1/2"
RWS550	4-1/2"	3-1/2"	1-3/8"	2-1/4"	—	1/2"

Double Hole Return Wearshoes

Material: TIVAR® 1000 Recycled | Color: Black

P/N	A	B	C	D	E	F
DHR400	4"	3-1/2"	1-3/8"	7/8"	2"	1/2"
DHR450	4-1/2"	3-1/2"	1-3/8"	7/8"	1"	1/2"
DHR600	6"	3-1/2"	1-3/8"	1-3/8"	3-3/4"	1/2"

Wear Shoes Features

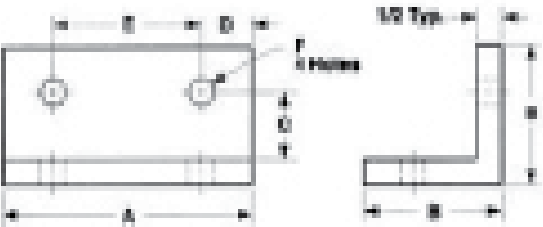
- Highest Abrasion Resistance of any plastic wear shoe
- Reversible for double life
- Operates on Fiberglass and wood flights
- Available in Polyurethane and Metal
- Available in a variety of sizes

Specifications

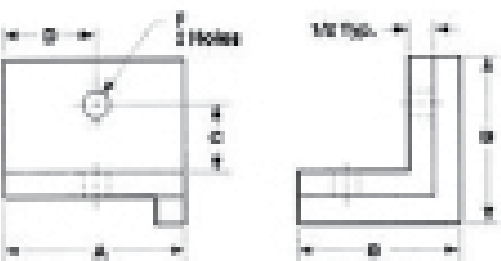
- Material: UHMW-PE
- Water Absorption: Zero
- Coefficient of Friction: .11
- Abrasion Resistance: 15
- Hardness: R64



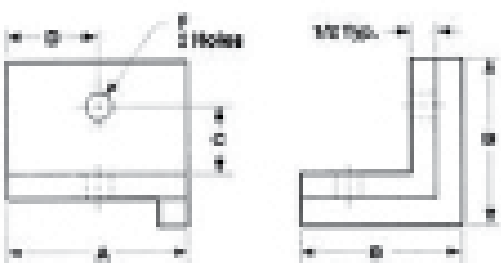
Carry Wear Shoes



Single Hole Return Wear Shoes



Double Hole Return Wear Shoes

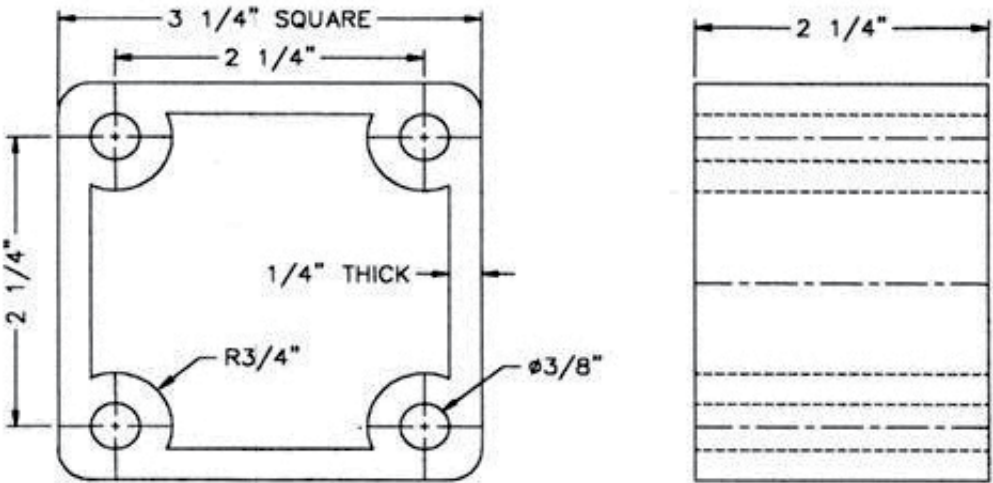


Waste Water Treatment

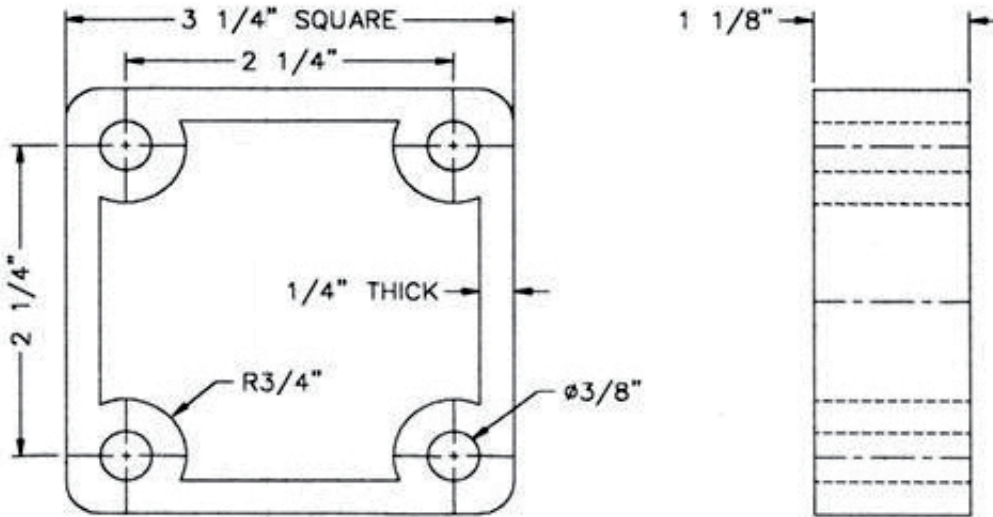
Flight Filler Blocks 720 Chain

Power Plastic filler blocks for 720 chain attachments and flights are precision molded from tough, wear resistant polypropylene to ensure proper alignment between the flight and attachment link. 720 Filler blocks come in two sizes, FB-6 and FB-8 for corresponding nominal flight depths. Polyurethane filler block FBH78-4 and FBH78-6 are also available for H78 F2 attachment paddles, and will run on 6" or 4" flights. Filler blocks act as spacers between the flight and the F22 attachment link, providing rigidity and negative buoyancy. Filler block holes are ASTM standard spacing, and holes are sized to accommodate 3/8" flight hardware.

FBH78-6



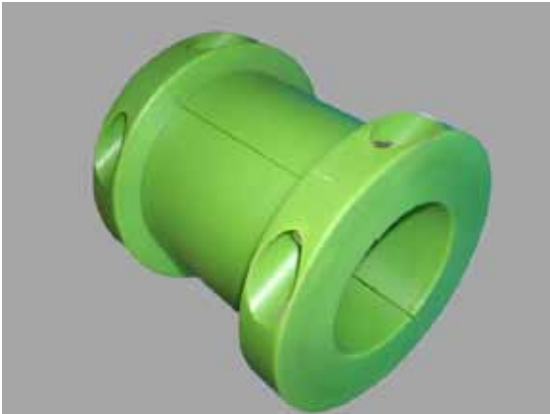
FBH78-4



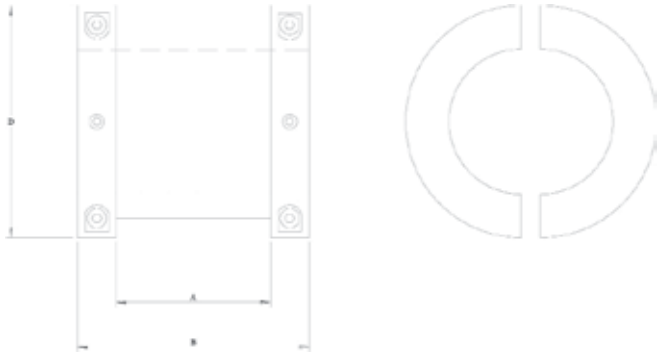
Waste Water Treatment

Static Shaft Sleeve Bushings

Perfect for retrofits where existing shafting is worn and rusted, Power Plastics static shaft sleeve bushings reduce costs and installation time in rectangular clarifiers. As an alternative to a dynamic system where sprockets run directly on turning idler shafts, this system allows idler sprockets to rotate freely on PPC static shaft bushings, while existing shafts can be immobilized and reused. (On new installations, the static system does not require bearings for the idler axles, and only fixed steel shaft supports are needed). Static bushings are secured to the shafts with setscrews or clamps as the sprockets rotate on the sleeve's smooth outer surface between integral set collars. Made from corrosion resistant, self-lubricating Nylon, Power Plastics split static shaft sleeves are easy to assemble, eliminating the need for shaft and bearing replacement. Static shaft sleeve bushings are also available in UHMW-PE material.



P/N	Required Sprocket: Bore	Maximum Size Shaft	A*	B*	D*
NSB375	3-3/4" idler	2-15/16"	4"	6"	4-1/2"
NSB500	5" idler	4"	4"	6"	6"
NSB525	5-1/4" idler	4-1/2"	4"	6"	6-1/4"
NSB600	6" idler	5-1/4"	4"	6"	7"



Static Sleeve Features

- Eliminates the need for wall bearings or sprocket collars
- Allow the reuse of old shafts that have poor finishes
- Integral set collars prevent lateral movement of the gear for self-alignment gear.

Specifications

- Materials: Lubricated Nylon
- Color: Green
- Hardness: R115-120

Waste Water Treatment

Non-metallic H78 Sprockets

Power Plastic corrosion resistant Non-Metallic H78 series sprockets are split as standard for ease of installation and removal. While typically used for drive and driven sprockets, in smaller tanks H78 series gears are ideal collector sprockets when used with H78 chain and attachments. Available solid or in c-hub, b-hub or a-plate configurations, H78 sprockets come in a wide range of tooth sizes (see below). Power Plastics H78 sprockets are offered in UHMW-PE or Nylon 6 materials, with 304 or 316 ss hardware. UHMW-PE segmental sprocket teeth mounted on cast iron bodies or all cast iron sprockets are also available.

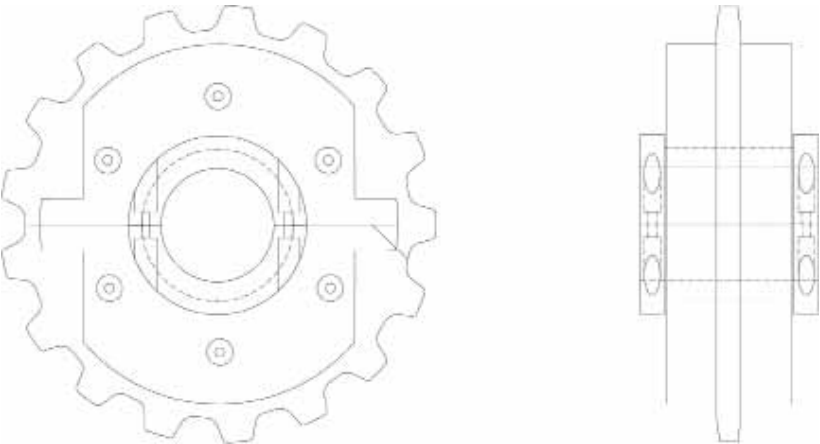


P/N	Number of Teeth	Pitch Diameter	P/N	Number of Teeth	Pitch Diameter	P/N	Number of Teeth	Pitch Diameter
WTS78C05	5	4.44"	WTS78C22	22	18.33"	WTS78C39	39	32.42"
WTS78C06	6	5.22"	WTS78C23	23	19.16"	WTS78C40	40	33.25"
WTS78C07	7	6.01"	WTS78C24	24	19.99"	WTS78C41	41	34.08"
WTS78C08	8	6.82"	WTS78C25	25	20.77"	WTS78C42	42	34.91"
WTS78C09	9	7.63"	WTS78C26	26	21.59"	WTS78C43	43	35.74"
WTS78C10	10	8.44"	WTS78C27	27	22.42"	WTS78C44	44	36.57"
WTS78C11	11	9.26"	WTS78C28	28	23.30"	WTS78C45	45	37.40"
WTS78C12	12	10.08"	WTS78C29	29	24.13"	WTS78C46	46	38.23"
WTS78C13	13	10.90"	WTS78C30	30	24.96"	WTS78C47	47	39.06"
WTS78C14	14	11.72"	WTS78C31	31	25.79"	WTS78C48	48	39.89"
WTS78C15	15	12.55"	WTS78C32	32	26.62"	WTS78C49	49	40.72"
WTS78C16	16	13.37"	WTS78C33	33	27.45"	WTS78C50	50	41.55"
WTS78C17	17	14.20"	WTS78C34	34	28.28"	WTS78C51	51	42.38"
WTS78C18	18	15.02"	WTS78C35	35	29.11"	WTS78C52	52	43.21"
WTS78C19	19	15.85"	WTS78C36	36	29.94"	WTS78C53	53	44.04"
WTS78C20	20	16.68"	WTS78C37	37	30.76"	WTS78C54	54	44.87"
WTS78C21	21	17.50"	WTS78C38	38	31.59"	WTS78C55	55	45.70"

Waste Water Treatment

Non-metallic 720 Collector Sprockets

Power Plastic corrosion resistant Non-Metallic 720 series sprockets are split for ease of installation and removal. If wear becomes a problem on one side of the teeth, these lightweight sprockets can be simply reversed for twice the longevity. Standard PPC 720 sprockets incorporate the Hunting Tooth (HT) design featuring an odd number of teeth and ½ the chain pitch that also doubles sprocket life. Power Plastic 720 sprockets are offered in UHMW-PE or Nylon 6 materials, with optional chainsaver hubs, static shaft bushings, and 316 ss hardware. UHMW-PE segmental sprocket teeth are also available.



720 Split Sprockets

P/N	Teeth	Pitch Dia	Outside Dia	Bore Stock	Max. Drive	Max. Idler
WTS720-13S	13	12.89"	13.39"	1"	3-1/4"	3-5/8"
WTS720-17S	17	16.59"	17.09"	1-3/4"	3-15/16"	4-1/2"
WTS720-19S	19	18.45"	18.95"	1-3/4"	3-15/16"	4-1/2"
WTS720-21S	21	20.33"	20.83"	1-3/4"	3-15/16"	4-1/2"
WTS720-23S	23	22.21"	22.21"	1-3/4"	3-15/16"	4-1/2"
WTS720-25S	25	24.10"	24.10"	1-3/4"	4-1/2"	5-1/2"

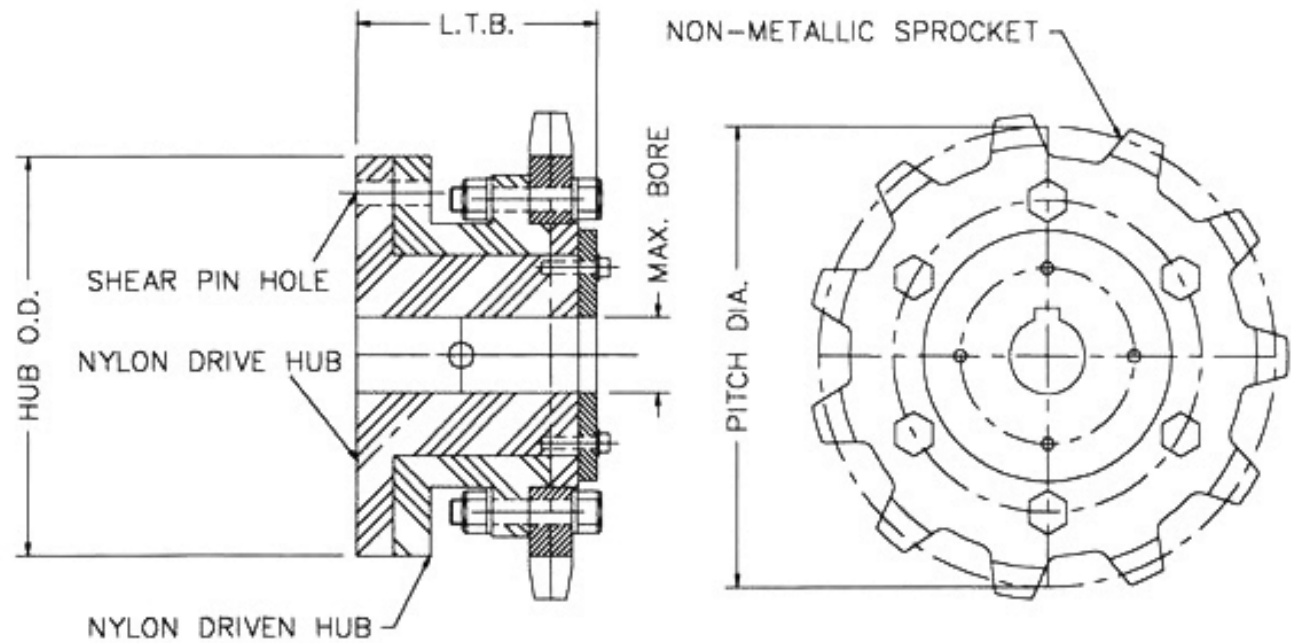
720 Split Chain Saver Sprockets

P/N	Teeth	Pitch Dia	Outside Dia	Chain Saver Hub Dia	Bore Stock	Max. Drive	Max. Idler
WTS720-13SCS	13	12.89"	13.39"	10.03"	1"	3-1/4"	3-5/8"
WTS720-17SCS	17	16.59"	17.09"	14.07"	1-3/4"	3-15/16"	4-1/2"
WTS720-19SCS	19	18.45"	18.95"	16.06"	1-3/4"	3-15/16"	4-1/2"
WTS720-21SCS	21	20.33"	20.83"	18.04"	1-3/4"	3-15/16"	4-1/2"
WTS720-23SCS	23	22.21"	22.21"	20.00"	1-3/4"	3-15/16"	4-1/2"
WTS720-25SCS	25	24.10"	24.10"	22.03"	1-3/4"	4-1/2"	5-1/2"

Waste Water Treatment

Non-metallic drive sprocket | Shear pin

Power Plastic non-metallic H78 shear pin sprockets do not rust or seize like metallic drive sprockets are prone to do. Lightweight and easy to assemble, these drive sprockets have a strong lubricated green nylon shear pin hub and replaceable UHMW-PE or Nylon 6 bolt-on sprocket teeth. Steel shear pins can be provided and sized for torque requirements. To be used in conjunction with PPC NMH78 drive chain and driven sprockets, Power Plastics H78 drive sprockets prevent damage to the collector chain and flights during overload conditions. Also available in trip cam design, jaw clutch design, and cast iron construction options. Contact Power Plastics for more information.



P/N	Number of Teeth	Pitch Dia	Max. Bore	LTB	O.D. Hub
WTS78-10SP	10	8.44"	13.39"	4-3/4"	3-1/4"
WTS78-11SP	11	9.26"	17.09"	4-3/4"	3-15/16"
WTS78-12SP	12	10.08"	18.95"	4-3/4"	3-15/16"
WTS78-13SP	13	10.90"	20.83"	4-3/4"	3-15/16"

UHMW-PE Tape

UHMW-PE Pressure Sensitive Tape

P/N	Thickness	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PSA003-*	.003"	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	18"	24"
PSA005-*	.005"	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	18"	24"
PSA010-*	.010"	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	18"	24"
PSA015-*	.015"	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	18"	24"
PSA020-*	.020"	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	18"	24"
PSA030-*	.030"	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	18"	
PSA040-*	.040"	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	18"	
PSA050-*	.050"	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	18"	
PSA060-*	.060"	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	18"	
PSA070-*	.070"	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	18"	
PSA080-*	.080"	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	18"	
PSA090-*	.090"	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	18"	
PSA100-*	.100"	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	18"	
PSA125-*	.125"	1/2"	3/4"	1"	1-1/2"	2"	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	18"	

* width

UHMW-PE Pressure Sensitive Tape are supplied in 50 or 100 ft. lengths. They are self-adhesive making installation easy and efficient. UHMW-PE is very abrasion resistant, even greater than polished stainless steel. This high abrasion resistance makes for an excellent wear surface with very low coefficient of friction.

Pressure sensitive tape are for applications where mechanically fastening is not practical or for less labor intensive installations.

Applications include:

- Chute Liners
- Chain Guides
- Wear Plates
- Hopper Liners
- Door Guides
- Scraper Blades
- Noise Reduction
- Gaskets and Washers



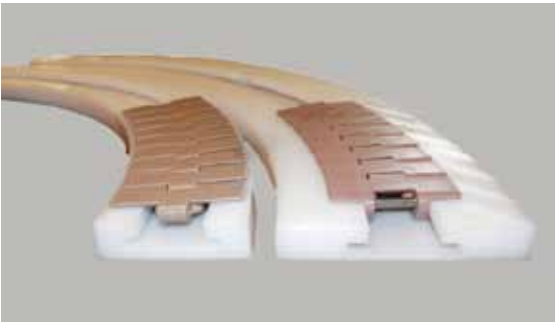
Conveyor Track

Introduction

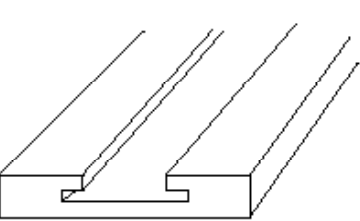
Power Plastics Engineered Components

Power Plastics Conveyor Track™ is designed for side flexing flat-top conveyor chains and is offered in tab, bevel and combination designs. Each design is available in straight and corner designs. Straight designs come in 10' lengths while corner designs are available in standard radios dimensions. with or without extensions. The extension on the corner designs provide smoother transitions.

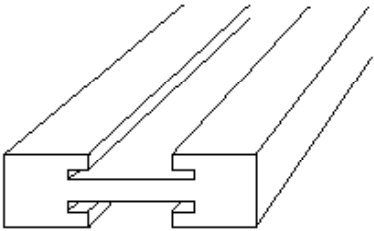
Standard Conveyor Track™ is machined from TIVAR® 1000 (UHMW-PE). Conveyor Track™ is also available for special applications that require nonstandard dimensions and/or materials including TIVAR® Ceram P®, Tivar Oil Filled and TIVAR® AntiStatic. Special materials must be specified when ordering.



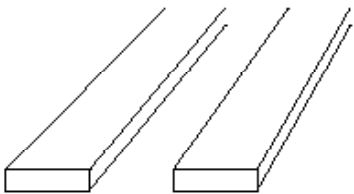
Conveyor Track™ Curves and Straights



Tab Design | Straight
Carrying, Return Not Shown



Combination Design | Straight
Carrying Only



Standard Weatherstrip Design
Straight Carrying Return Shown

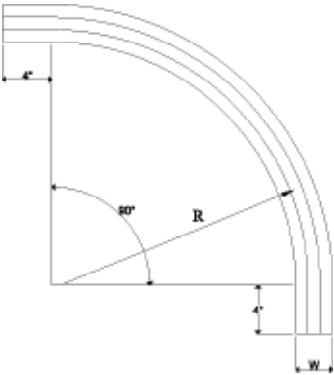
Conveyor Track

Corner Track | Tab Design

Conveyor Track 90° Corners
Material: TIVAR®1000 (White) Tab Design w/ Extensions

P/N	Chain No.	Standard Radius (R)	Width	Height
FS1111	SS881T, D880T, D879T K3-1/4	18" 24" 30"	4"	1"
FS1211	SS881T, D880T, D879T K4-1/2	24" 30" 36"	5"	1"
FS1221	D882TLW K4-1/2	24" 30" 36"	5"	1-3/8"
FS1421	D882TLW K7-1/2	24" 30" 36"	8"	1-3/8"
FS1521	D882TLW K10	24" 30" 36"	10-1/2"	1-3/8"
FS1621	D882TLW K12	24" 30" 36"	12-1/2"	1-3/8"
FS1131	1873T, 1874T K3-1/4	18" 24" 30"	4"	1-3/8"
FS1231	1873T, 1874T K4-1/2	18" 24" 30"	5"	1-3/8"
FS1331	1873T, 1874T K6	18" 24" 30"	6-1/2"	1-3/8"
FS1431	1873T, 1874T K7-1/2	18" 24" 30"	8"	1-3/8"
FS1531	1873T, 1874T K10	18" 24" 30"	10-1/2"	1-3/8"
FS1631	1873T, 1874T K12	18" 24" 30"	12-1/2"	1-3/8"

4" straight extensions on each end.
Specify radius when ordering.
30" corner radius and above are furnished in two 45° segments.

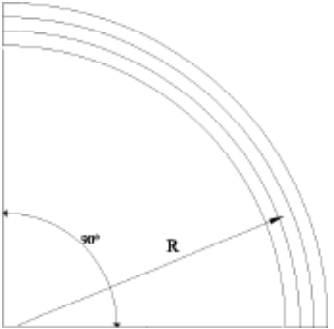


Corner Track | Tab Design with Extensions

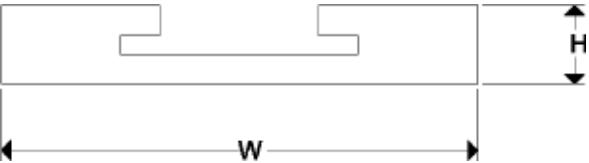
Conveyor Track 90° Corners
Material: TIVAR®1000 (White) Tab Design w/out Extensions

P/N	Chain No.	Standard Radius (R)	Width	Height
FS1113	SS881T, D880T, D879T K3-1/4	18" 24" 30"	4"	1"
FS1213	SS881T, D880T, D879T K4-1/2	24" 30" 36"	5"	1"
FS1223	D882TLW K4-1/2	24" 30" 36"	5"	1-3/8"
FS1423	D882TLW K7-1/2	24" 30" 36"	8"	1-3/8"
FS1523	D882TLW K10	24" 30" 36"	10-1/2"	1-3/8"
FS1623	D882TLW K12	24" 30" 36"	12-1/2"	1-3/8"
FS1133	1873T, 1874T K3-1/4	18" 24" 30"	4"	1-3/8"
FS1233	1873T, 1874T K4-1/2	18" 24" 30"	5"	1-3/8"
FS1333	1873T, 1874T K6	18" 24" 30"	6-1/2"	1-3/8"
FS1433	1873T, 1874T K7-1/2	18" 24" 30"	8"	1-3/8"
FS1533	1873T, 1874T K10	18" 24" 30"	10-1/2"	1-3/8"
FS1633	1873T, 1874T K12	18" 24" 30"	12-1/2"	1-3/8"

4" straight extensions on each end.
Specify radius when ordering.
30" corner radius and above are furnished in two 45° segments.



Corner Track | Tab Design w/out Extensions



Straight Track on Page 32

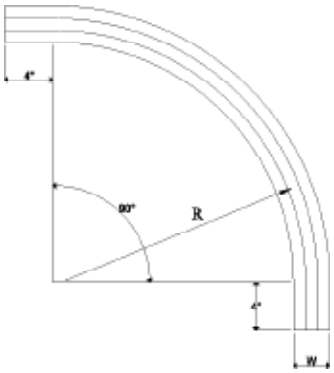
Conveyor Track

Corner Track | Bevel Design

Conveyor Track 90° Corners, Carrying
Material: TIVAR®1000 (White) Tab Design w/Extensions

P/N	Chain No.	Standard Radius (R)	Width	Height
FS2111-18	SS881, D880, D879 K3-1/4	18"	4"	1"
FS2111-24	SS881, D880, D879 K3-1/4	24"	4"	1"
FS2111-30	SS881, D880, D879 K3-1/4	30"	4"	1"
FS2211-24	SS881, D880, D879 K4-1/2	24"	5"	1"
FS2211-30	SS881, D880, D879 K4-1/2	30"	5"	1"
FS2211-36	SS881, D880, D879 K4-1/2	36"	5"	1"

4" straight extensions on each end.
30" corner radius and above are furnished in two 45° segments.



Corner Track | Bevel Design with Extensions

Conveyor Track 90° Corners, Return
Material: TIVAR®1000 (White) Bevel Design w/Extensions

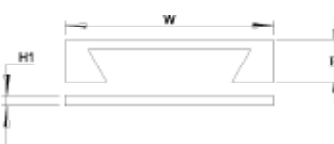
P/N	Chain No.	Standard Radius (R)	Width	Height	Height1
FS3111-18	SS881, D880, D879 K3-1/4	18"	4"	1"	5/8"
FS3111-24	SS881, D880, D879 K3-1/4	24"	4"	1"	5/8"
FS3111-30	SS881, D880, D879 K3-1/4	30"	4"	1"	5/8"
FS3211-24	SS881, D880, D879 K4-1/2	24"	5"	1"	5/8"
FS3211-30	SS881, D880, D879 K4-1/2	30"	5"	1"	5/8"
FS3211-36	SS881, D880, D879 K4-1/2	36"	5"	1"	5/8"

4" straight extensions on each end.
30" corner radius and above are furnished in two 45° segments.

Bevel Design Carrying



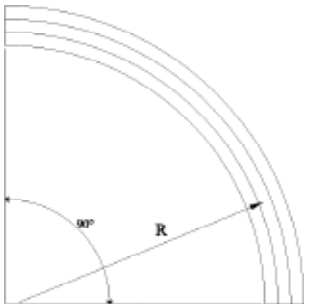
Bevel Design Return



Conveyor Track 90° Corners, Carrying
Material: TIVAR®1000 (White) Bevel Design w/out Extensions

P/N	Chain No.	Standard Radius (R)	Width	Height
FS2113-18	SS881, D880, D879 K3-1/4	18"	4"	1"
FS2113-24	SS881, D880, D879 K3-1/4	24"	4"	1"
FS2113-30	SS881, D880, D879 K3-1/4	30"	4"	1"
FS2213-24	SS881, D880, D879 K4-1/2	24"	5"	1"
FS2213-30	SS881, D880, D879 K4-1/2	30"	5"	1"
FS2213-36	SS881, D880, D879 K4-1/2	36"	5"	1"

30" corner radius and above are furnished in two 45° segments.



Corner Track | Bevel Design w/out Extensions

Conveyor Track 90° Corners, Return
Material: TIVAR®1000 (White) Bevel Design w/out Extensions

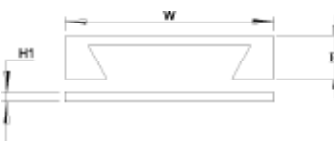
P/N	Chain No.	Standard Radius (R)	Width	Height	Height1
FS3113-18	SS881, D880, D879 K3-1/4	18"	4"	1"	5/8"
FS3113-24	SS881, D880, D879 K3-1/4	24"	4"	1"	5/8"
FS3113-30	SS881, D880, D879 K3-1/4	30"	4"	1"	5/8"
FS3213-24	SS881, D880, D879 K4-1/2	24"	5"	1"	5/8"
FS3213-30	SS881, D880, D879 K4-1/2	30"	5"	1"	5/8"
FS3213-36	SS881, D880, D879 K4-1/2	36"	5"	1"	5/8"

30" corner radius and above are furnished in two 45° segments.

Bevel Design Carrying



Bevel Design Return



Conveyor Track

Corner Track | Combination Design

Conveyor Track 90° Corners, Combination
Material: TIVAR®1000 (White)

Tab Design w/out Extensions				
P/N	Chain No.	Standard Radius (R)	Width	Height
FO1113	SS881T, D880T, D879T K3-1/4	18" 24" 30"	4"	2"
FO1213	SS881T, D880T, D879T K4-1/2	24" 30" 36"	5"	2-5/8"
FO1223	D882TLW K4-1/2	24" 30" 36"	5"	2-5/8"
FO1423	D882TLW K7-1/2	24" 30" 36"	8"	2-5/8"
FO1523	D882TLW K10	24" 30" 36"	10-1/2"	2-5/8"
FO1623	D882TLW K12	24" 30" 36"	12-1/2"	2-5/8"
FO1133	1873T, 1874T K3-1/4	18" 24" 30"	4"	2-5/8"
FO1233	1873T, 1874T K4-1/2	18" 24" 30"	5"	2-5/8"
FO1333	1873T, 1874T K6	18" 24" 30"	6-1/2"	2-5/8"
FO1433	1873T, 1874T K7-1/2	18" 24" 30"	8"	2-5/8"
FO1533	1873T, 1874T K10	18" 24" 30"	10-1/2"	2-5/8"
FO1633	1873T, 1874T K12	18" 24" 30"	12-1/2"	2-5/8"

4" straight extensions on each end.
30" corner radius and above are furnished in two 45° segments. Specify radius when ordering.

Conveyor Track 90° Corners, Combination
Material: TIVAR®1000 (White)

Bevel Design w/out Extensions				
P/N	Chain No.	Standard Radius (R)	Width	Height
FO2113	SS881, D880, D879 K3-1/4	18" 24" 30"	4"	2"
FO2213	SS881, D880, D879 K4-1/2	24" 30" 36"	5"	2"

4" straight extensions on each end. Specify radius when ordering.

Conveyor Track 90° Corners, Combination
Material: TIVAR®1000 (White)

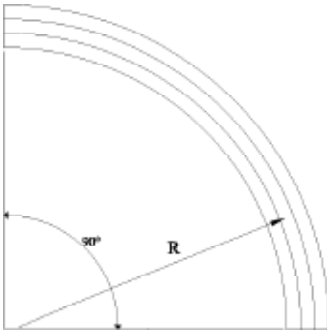
Tab Design w/ Extensions				
P/N	Chain No.	Standard Radius (R)	Width	Height
FO1111	SS881T, D880T, D879T K3-1/4	18" 24" 30"	4"	2"
FO1211	SS881T, D880T, D879T K4-1/2	24" 30" 36"	5"	2-5/8"
FO1221	D882TLW K4-1/2	24" 30" 36"	5"	2-5/8"
FO1421	D882TLW K7-1/2	24" 30" 36"	8"	2-5/8"
FO1521	D882TLW K10	24" 30" 36"	10-1/2"	2-5/8"
FO1621	D882TLW K12	24" 30" 36"	12-1/2"	2-5/8"
FO1131	1873T, 1874T K3-1/4	18" 24" 30"	4"	2-5/8"
FO1231	1873T, 1874T K4-1/2	18" 24" 30"	5"	2-5/8"
FO1331	1873T, 1874T K6	18" 24" 30"	6-1/2"	2-5/8"
FO1431	1873T, 1874T K7-1/2	18" 24" 30"	8"	2-5/8"
FO1531	1873T, 1874T K10	18" 24" 30"	10-1/2"	2-5/8"
FO1631	1873T, 1874T K12	18" 24" 30"	12-1/2"	2-5/8"

Specify radius when ordering.

Conveyor Track 90° Corners, Combination
Material: TIVAR®1000 (White)

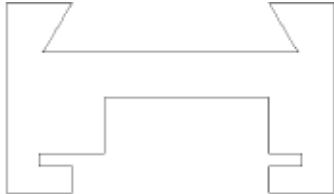
Bevel Design w/ Extensions				
P/N	Chain No.	Standard Radius (R)	Width	Height
FO2113	SS881, D880, D879 K3-1/4	18" 24" 30"	4"	2"
FO2211	SS881, D880, D879 K4-1/2	24" 30" 36"	5"	2"

Specify radius when ordering.

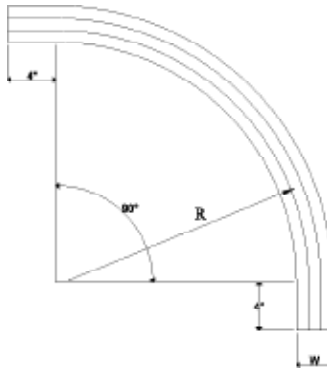


Corner Track | Tab Design
without Extensions

Bevel Design Combination



Tab Design Combination



Corner Track | Bevel Design
with Extensions

Conveyor Track

Straight Tracks | Tab, Bevel Combination

Conveyor Track Straights
Material: TIVAR®1000 (White)

Tab Design				
P/N	Chain No.	Standard Lengths	Width	Height
FS1112	SS881T, D880T, D879T K3-1/4	10'	4"	1"
FS1212	SS881T, D880T, D879T K4-1/2	10'	5"	1"
FS1222	D882TLW K4-1/2	10'	5"	1-3/8"
FS1422	D882TLW K7-1/2	10'	8"	1-3/8"
FS1522	D882TLW K10	10'	10-1/2"	1-3/8"
FS1622	D882TLW K12	10'	12-1/2"	1-3/8"
FS1132	1873T, 1874T K3-1/4	10'	4"	1-3/8"
FS1232	1873T, 1874T K4-1/2	10'	5"	1-3/8"
FS1332	1873T, 1874T K6	10'	6-1/2"	1-3/8"
FS1432	1873T, 1874T K7-1/2	10'	8"	1-3/8"
FS1532	1873T, K10	10'	10-1/2"	1-3/8"
FS1632	1873T, K12	10'	12-1/2"	1-3/8"

Conveyor Track Straights, Carrying
Material: TIVAR®1000 (White)

Bevel Design				
P/N	Chain No.	Standard Lengths	Width	Height
FS2112	SS881, D880, D879 K3-1/4	10'	4"	1"
FS2212	SS881, D880, D879 K4-1/2	10'	5"	1"

Conveyor Track Straights, Return
Material: TIVAR®1000 (White)

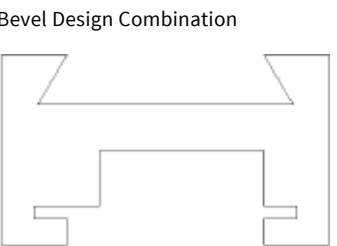
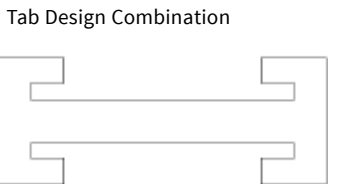
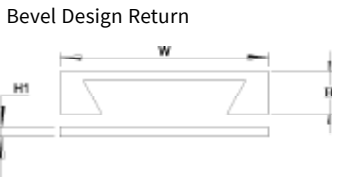
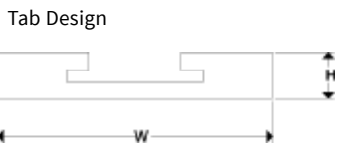
Bevel Design					
P/N	Chain No.	Standard Lengths	Width	Height	Height1
FS3112	SS881, D880, D879 K3-1/4	10'	4"	1"	5/8"
FS3212	SS881, D880, D879 K4-1/2	10'	5"	1"	5/8"

Conveyor Track Straights, Combination
Material: TIVAR®1000 (White)

Tab Design		
P/N	Chain No.	Standard Lengths
FO1112	SS881T, D880T, D879T K3-1/4	10'
FO1212	SS881T, D880T, D879T K4-1/2	10'
FO1222	D882TLW K4-1/2	10'
FO1422	D882TLW K7-1/2	10'
FO1522	D882TLW K10	10'
FO1622	D882TLW K12	10'
FO1132	1873T, 1874T K3-1/4	10'
FO1232	1873T, 1874T K4-1/2	10'
FO1332	1873T, 1874T K6	10'
FO1432	1873T, 1874T K7-1/2	10'
FO1532	1873T, K10	10'
FO1632	1873T, K12	10'

Conveyor Track Straights, Combination
Material: TIVAR®1000 (White)

Bevel Design		
P/N	Chain No.	Standard Lengths
FO2112	SS881, D880, D879 K3-1/4	10'
FO2212	SS881, D880, D879 K4-1/2	10'



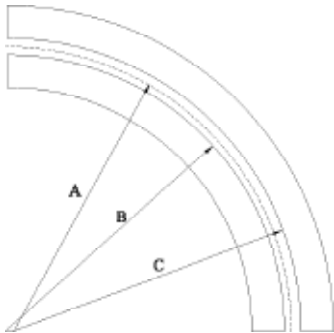
Radius Curve Wearstrips

For Flat Top Chain

Radius Curve Wearstrips
Material: TIVAR®1000 (White)

P/N	Wearstrip No.	Chain No.	Nom. Corner Radius	Track Radius		Width D	Thickness T (+0, -1/16)
				Inside B	Outside C		
FC1813	U18B3	880, 881	18	17-3/16	18-13/16	1"	3/8"
FC2413	U24B3	880, 881	24	23-3/16	24-13/16	1"	3/8"
FC3013	U30B3	880, 881	30	29-3/16	30-13/16	1-1/2"	3/8"
FC2415	U24B5	882	24	22-55/64	25-9/64	1-1/2"	5/8"
FC3015	U30B5		30	28-55/64	31-9/64	1-1/2"	5/8"

30" radius furnished in two 45° segments to make one 90° unit. All others are 90° segments.

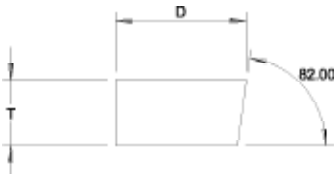


Radius Curve Wearstrip

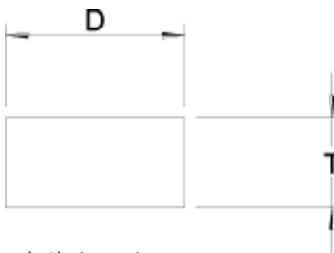
Radius Curve Wearstrips
Material: TIVAR®1000 (White)

P/N	Wearstrip No.	Chain No.	Nom. Corner Radius	Track Radius		Width D	Thickness T (+0, -1/16)
				Inside B	Outside C		
FC1803	U18R3	880, 881	18	17-1/8	18-7/8	1-1/2"	3/8"
FC2403	U24R3	880, 881	24	23-1/8	24-7/8	1-1/2"	3/8"
FC3003	U30R3	880, 881	30	29-1/8	30-7/8	1-1/2"	3/8"
FC2405	U24R5	882	24	22-55/64	25-9/64	1-1/2"	5/8"
FC3005	U30R5	882	30	28-55/64	31-9/64	1-1/2"	5/8"
FC1806	U18R6	1873, 1874, 3873	18	17-5/16	18-11/16	1-1/2"	3/4"
FC2406	U24R6	1873, 1874, 3873	24	23-5/16	24-11/16	1-1/2"	3/4"
FC3006	U30R6	1873, 1874, 3873	30	29-5/16	30-11/16	1-1/2"	3/4"

30" radius furnished in two 45° segments to make one 90° unit. All others are 90° segments.



Bevel Chain Design



Tab Chain Design

Chain Guide

Chain Guide Raceway

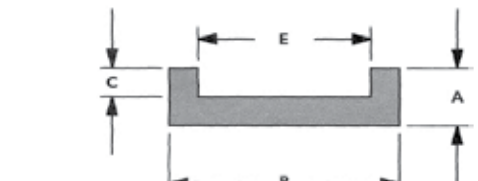
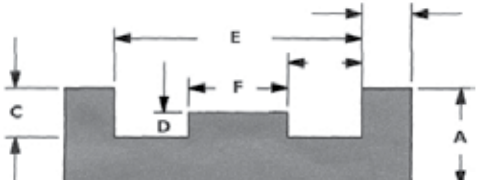
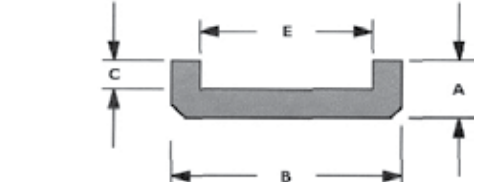
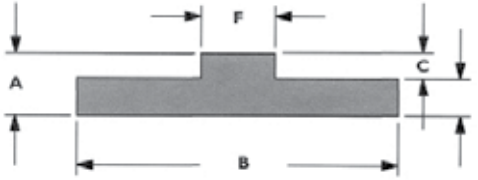
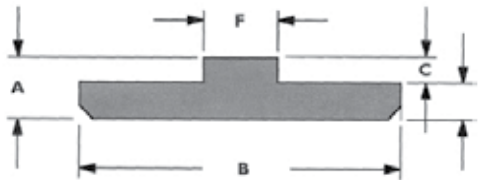
P/N	ANSI Chain #	A Min.	B Min.	C Min.	D Min.	E Min.	F Min.
1CG40	2040	5/16"	1"	.080"	-	-	1/4"
1CG50	2050	5/16"	1/14"	.100"	-	-	5/16"
1CG60	2060	5/16"	1/14"	.115"	-	-	7/16"
1CG80	2080	3/8"	1-1/2"	.130"	-	-	9/16"
1CG100	2100	1/2"	2"	.210"	-	-	11/16"
1CG120	2120	1/2"	2-1/4"	.260"	-	-	15/16"

2CG40	2040	5/16"	1"	.080"	-	-	1/4"
2CG50	2050	5/16"	1/14"	.100"	-	-	5/16"
2CG60	2060	5/16"	1/14"	.115"	-	-	7/16"
2CG80	2080	3/8"	1-1/2"	.130"	-	-	9/16"
2CG100	2100	1/2"	2"	.210"	-	-	11/16"
2CG120	2120	1/2"	2-1/4"	.260"	-	-	15/16"

3CG40	2040	5/16"	1-1/4"	3/16"	-	7/8"	
3CG50	2050	3/8"	1-1/4"	7/32"	-	1"	
3CG60	2060	3/8"	1-1/4"	3/16"	-	1-1/4"	
3CG80	2080	1/2"	2"	1/4"	-	1-9/16"	
3CG100	2100	5/8"	2-1/4"	5/16"	-	1-7/8"	
3CG120	2120	5/8"	2-3/4"	1/4"	-	2-1/4"	

4CG40	2040	5/16"	1"	.140"	.080"	11/16"	1/4"
4CG50	2050	3/8"	1-1/4"	3/16	.100"	13/16"	5/16"
4CG60	2060	1/2"	1-1/2"	213"	.115"	1-1/8"	7/16"
4CG80	2080	1/2"	2"	1/4"	.130"	1-7/16"	9/16"

5CG40	2040	5/16"	1-1/4"	3/16"	-	7/8"	
5CG50	2050	3/8"	1-1/4"	7/32"	-	1"	
5CG60	2060	3/8"	1-1/2"	3/16"	-	1-1/4"	
5CG80	2080	1/2"	2"	1/4"	-	1-9/16"	
5CG100	2100	5/8"	2-1/4"	5/16"	-	1-7/8"	
5CG120	2120	5/8"	2-3/4"	1/4"	-	2-1/4"	



NOTE
UHMW-PE Nat.

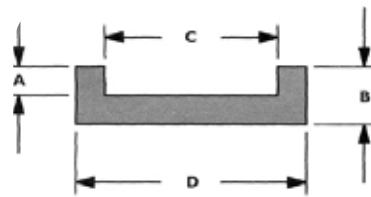
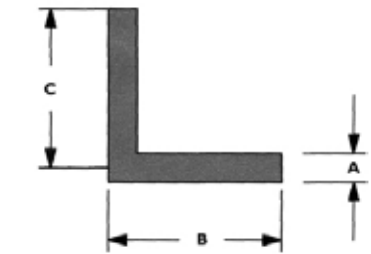
Extrudes Wearstrips

Guide Angle

P/N	A	B	C	Available Lengths
GA101	1/4"	1-1/2"	1-1/2"	10'
GA102	1/4"	2"	2"	10'
GA103	1/2"	3"	3"	10'
GA104	1/2"	3-1/2"	3-1/2"	10'

U-Channel

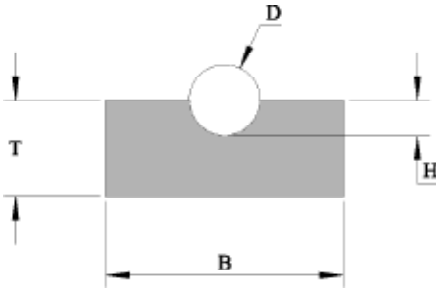
P/N	A	B	C	D	Available Lengths
UUC01	5/8"	1"	2"	2-1/2"	10'
UUC02	5/8"	1"	1-1/2"	2"	10'
UUC03	1/2"	7/8"	1"	1-1/2"	10'
UUC04	3/8"	3/4"	1/2"	1"	10'
UUC05	5/8"	1"	2-1/4"	3"	10'
UUC06	.605"	.730"	1"	1-1/4"	10'
UUC07	3/4"	1"	.45"	1"	10'



Belt Guide

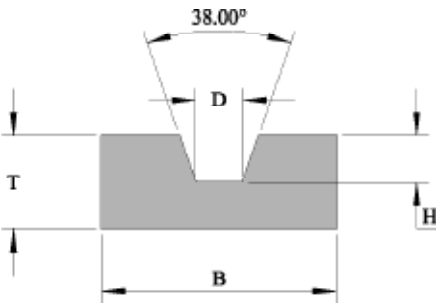
Round Belt Guide

P/N	Belt	T	B	D	H
RBG03	3/16"	.38"	.75"	.25"	.13"
RBG04	1/4"	.38"	.75"	.31"	.16"
RBG05	5/16"	.50"	.75"	.38"	.19"
RBG06	3/8"	.63"	1.00"	.44"	.22"
RBG08	1/2"	.75"	1.25"	.56"	.28"
RBG10	5/8"	1.00"	1.25"	.69"	.35"
RBG12	3/4"	1.00"	1.50"	.81"	.41"



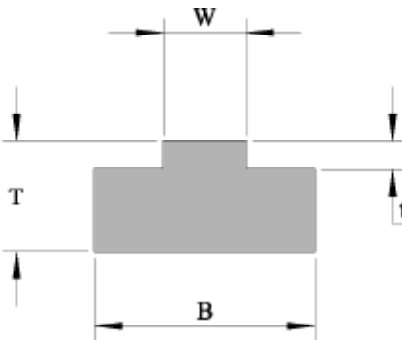
V-Belt Guide

P/N	Belt	T	B	D	H
VBG25	M	.38"	.75"	.25"	.13"
VBG28	Z	.38"	.75"	.28"	.19"
VBG38	A	.50"	.75"	.38"	.25"
VBG47	Belt	.63"	1.25"	.47"	.31"
VBG53	-	.75"	1.25"	.53"	.38"
VBG56	C	.75"	1.38"	.56"	.44"
VBG66	-	1.00"	1.50"	.66"	.50"



Roller Chain Guide-Type T

P/N	ANSI chain #	B	T	W	t
TCG025	25	.78"	.59"	.10"	.09"
TCG035	35	.78"	.59"	.17"	.10"
TCG040	40	.78"	.59"	.29"	.10"
TCG050	50	.78"	.59"	.35"	.12"
TCG060	60	1.10"	.59"	.47"	.15"
TCG080	80	1.34"	.71"	.60"	.18"
TCG100	100	1.61"	1.00"	.72"	.26"
TCG120	120	2.01"	1.25"	.96"	.31"
TCG140	140	2.17"	1.50"	.96"	.36"
TCG160	160	2.61"	1.50"	1.21"	.42"
TCG180	180	2.88"	1.50"	1.35"	.47"



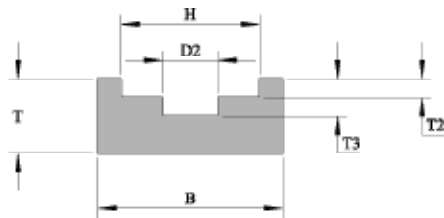
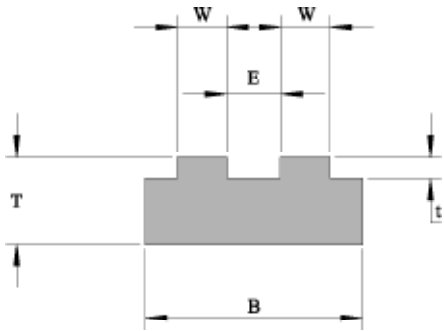
Belt Guide

Roller Chain Guide-Type TD

P/N	ANSI chain #	B	T	W	t	E
TDCG025-2	25-2	.78"	.59"	.10"	.09"	.15"
TDCG035-2	35-2	.78"	.59"	.17"	.10"	.23"
TDCG040-2	40-2	.85"	.59"	.29"	.10"	.27"
TDCG050-2	50-2	1.07"	.59"	.35"	.12"	.37"
TDCG060-2	60-2	1.34"	.59"	.47"	.15"	.40"
TDCG080-2	80-2	1.75"	.71"	.60"	.18"	.55"

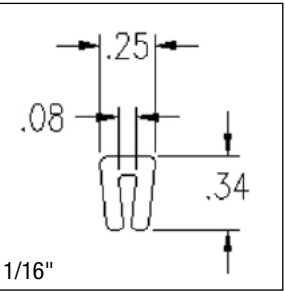
Roller Chain Guide-Type U

P/N	ANSI chain #	B	T	T2	T3	D2	H
UCG25	25	.78"	.59"	.09"	.13"	.12"	.27"
UCG35	35	.78"	.59"	.15"	.22"	.16"	.39"
UCG40	40/2040	.78"	.59"	.18"	.26"	.21"	.51"
UCG50	50/2050	1.10"	.71"	.24"	.35"	.28"	.67"
UCG60	60/2060	1.10"	.71"	.28"	.41"	.32"	.78"
UCG80	80/2080	1.50"	.79"	.30"	.47"	.43"	1.04"

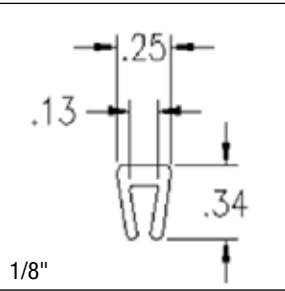


Clip On Extrusions

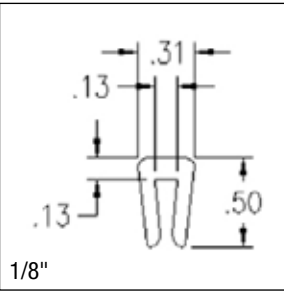
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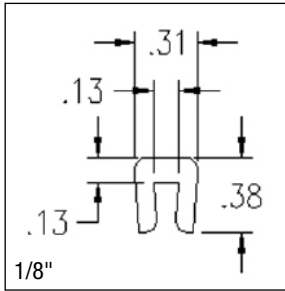
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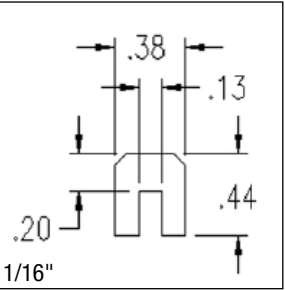
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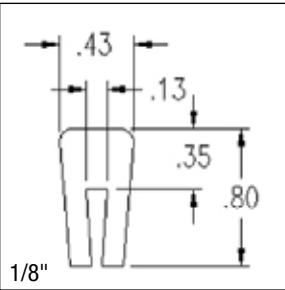
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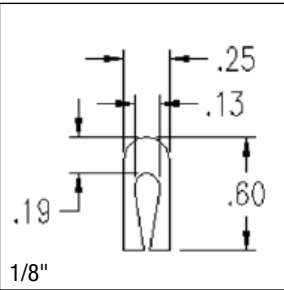
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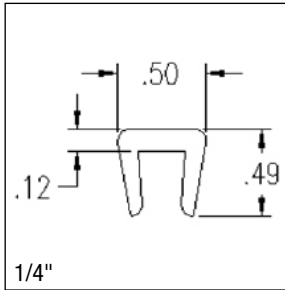
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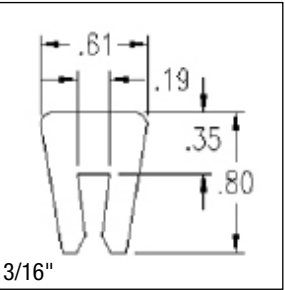
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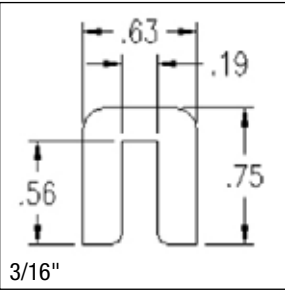
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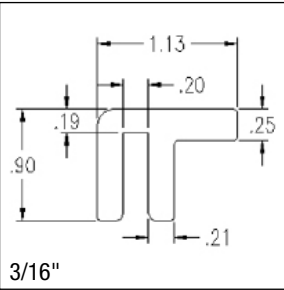
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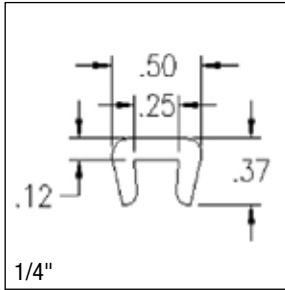
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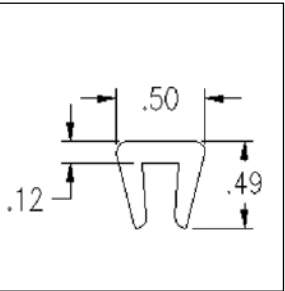
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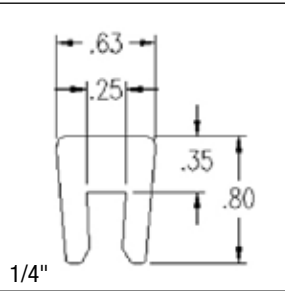
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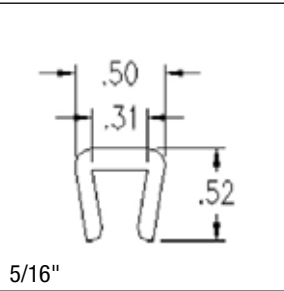
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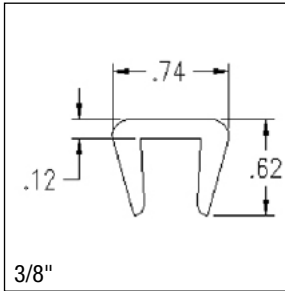
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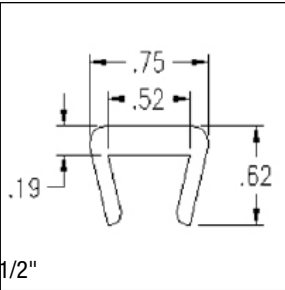
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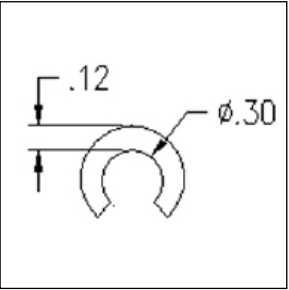


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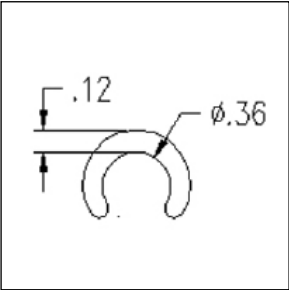
Wear Covers

UHMW/PE

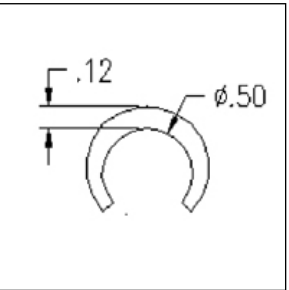
FULL ROUND



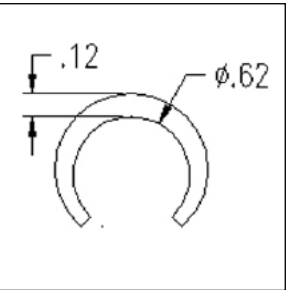
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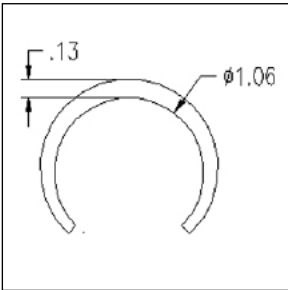
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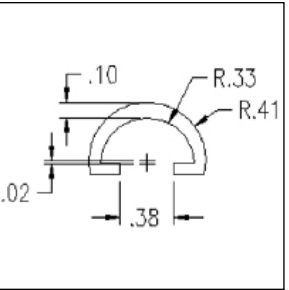


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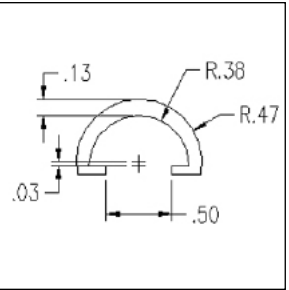


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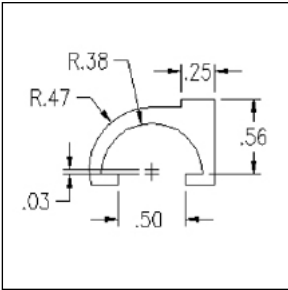
HALF ROUND



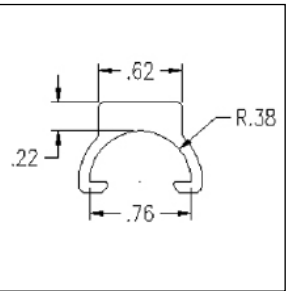
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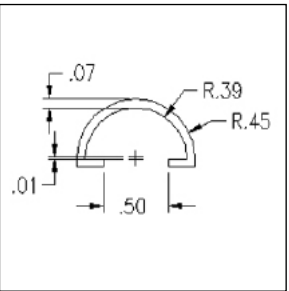
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UHHR1203



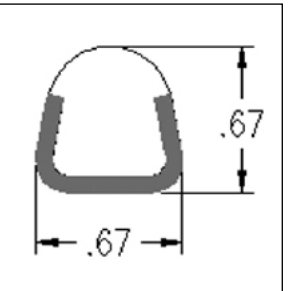
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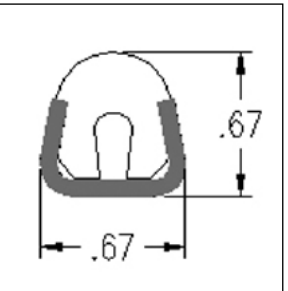
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Rail Guide

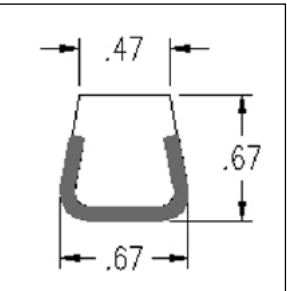
UHMW/PE with Stainless Steel



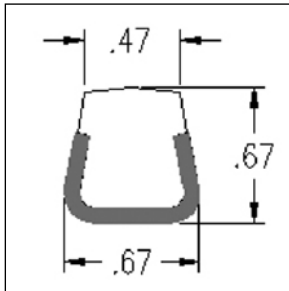
RGUS2801



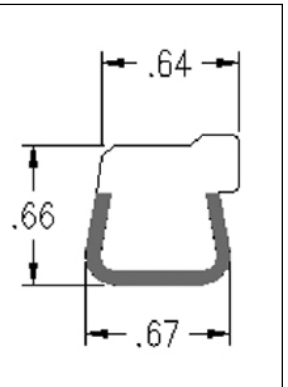
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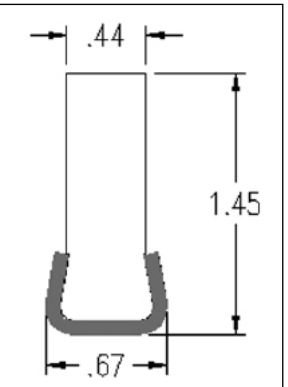
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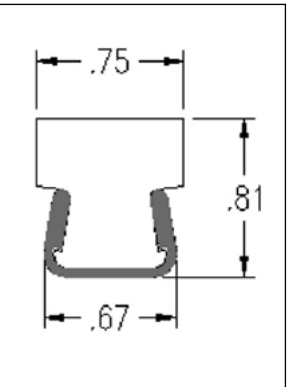
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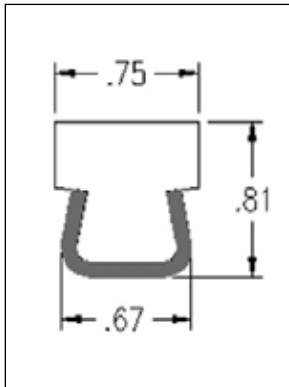
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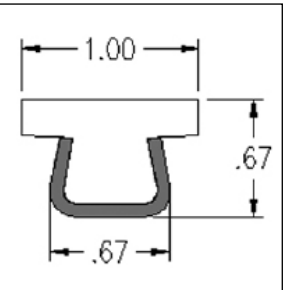
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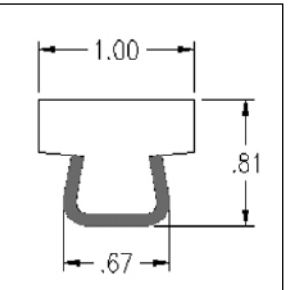
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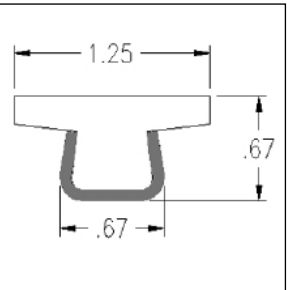
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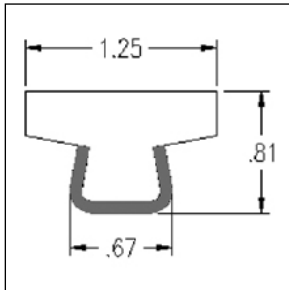
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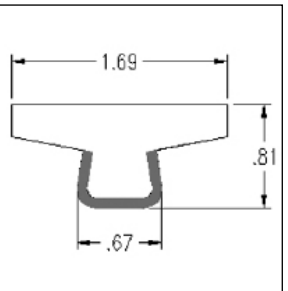
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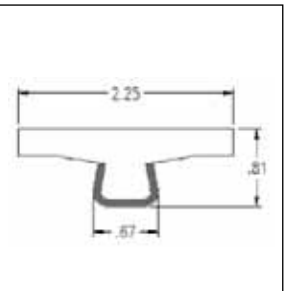
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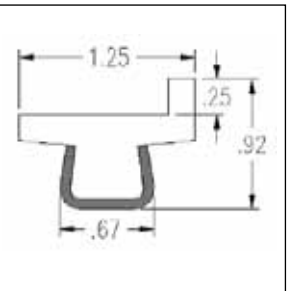
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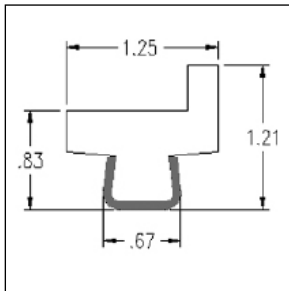
RGUS2942



RGUS2944



RGUS4480

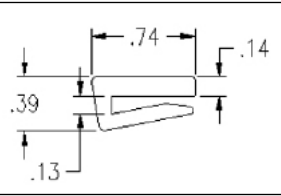


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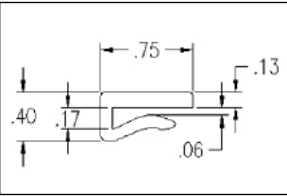
J-Leg Profiles

UHMW/PE

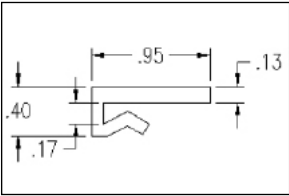
FITS 11 OR 12 GAUGE SHEET METAL-1/8"



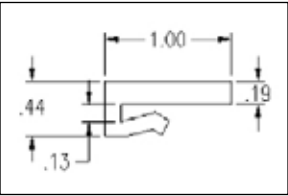
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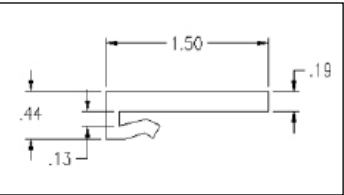
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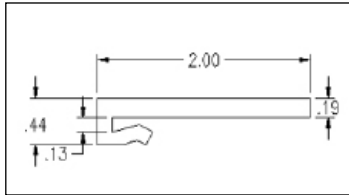
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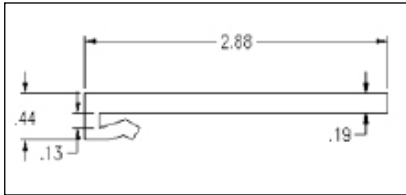
UHJL0204



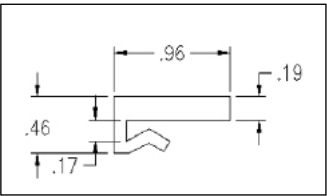
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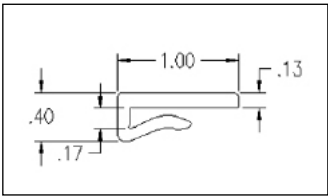
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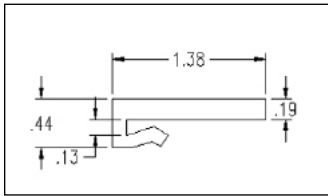
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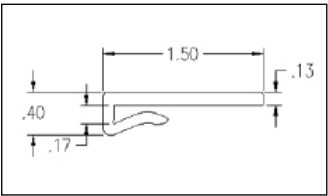
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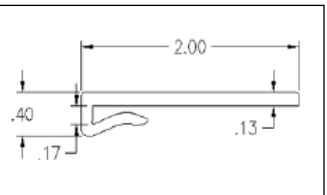
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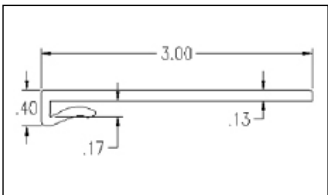
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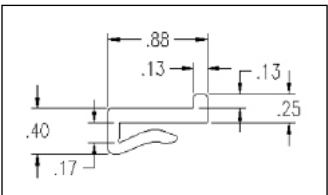
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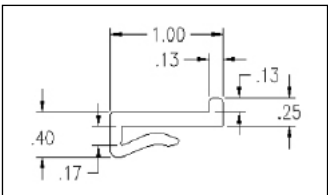
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UHJL0215



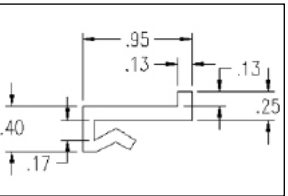
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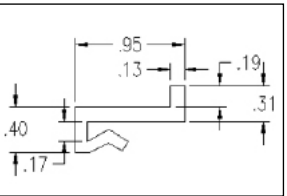
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J-Leg Profiles

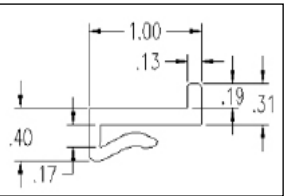
UHMW/PE Continued



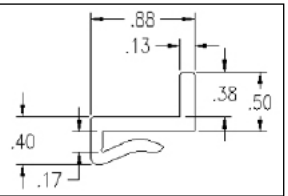
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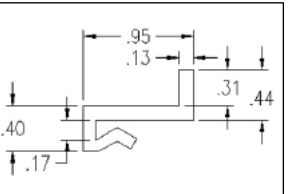
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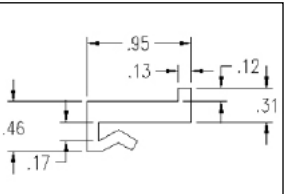
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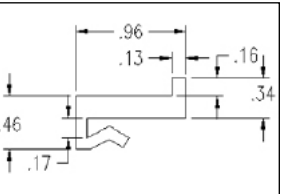
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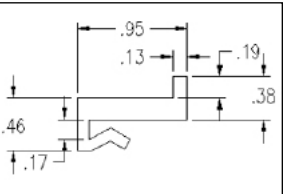
UHJL0235



UHJL0261

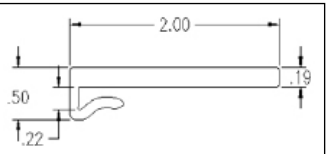


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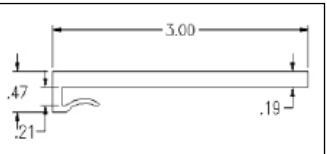


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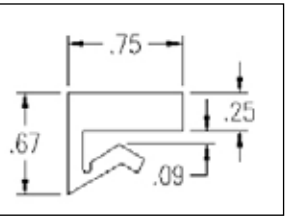
J-Leg Profiles Fit 3/16



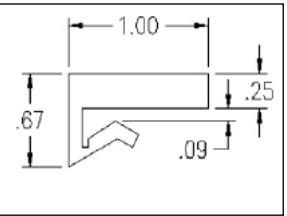
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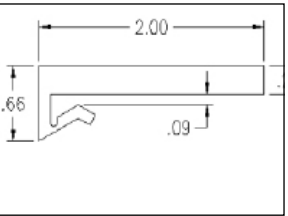
UHJL0356



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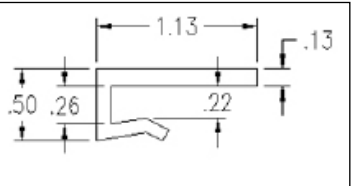


UHJL0383

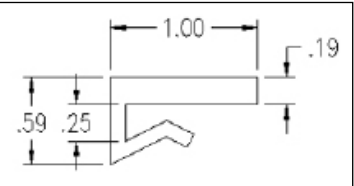


UHJL0384

J-Leg Profiles Fit 1/4" Barstock



UHJL0354



UHJL0356

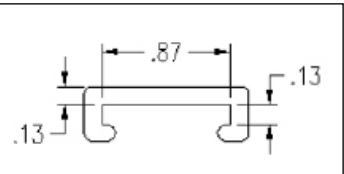
Wear Strips

UHMW/PE C-Profiles

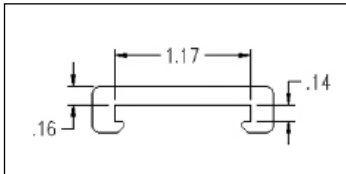
- Low friction, wear resistant, non-marring protective cover
- Reduce noise
- Ultra smooth surface finish—no Ram lines
- Can be used with Aluminum extrusions on page 40
- Impervious to moisture
- Custom colors and sizes available

Standard UHMW/PE wear strips/C shapes are white and come in 10' and 20' lengths.

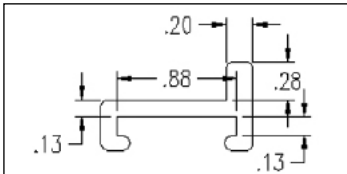
Easily available with Anti-Static, Lubricated, and Anti-Microbial additives



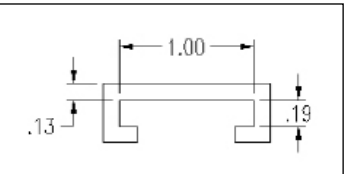
UCPW0228



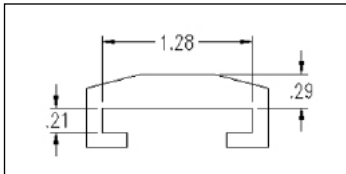
UCPW0247



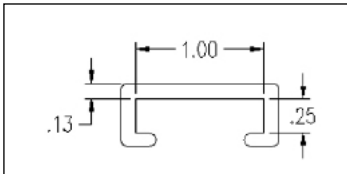
UCPW0249



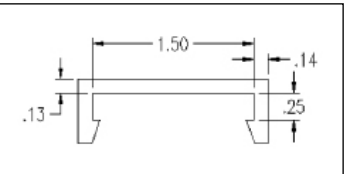
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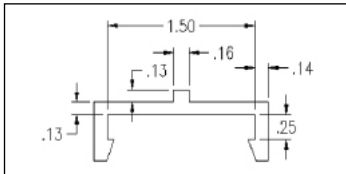
UCPW0375



UCPW0416



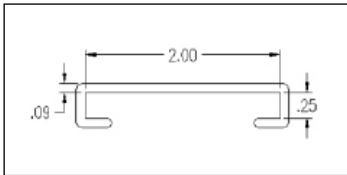
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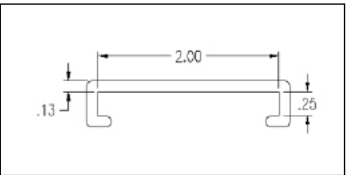
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Wear Strips

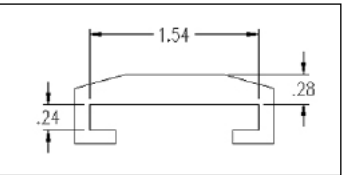
UHMW/PE C-Profiles Continued



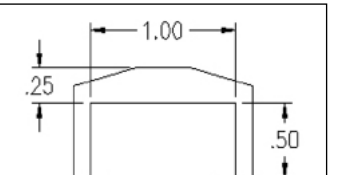
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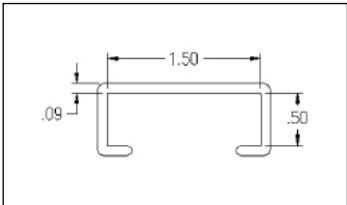
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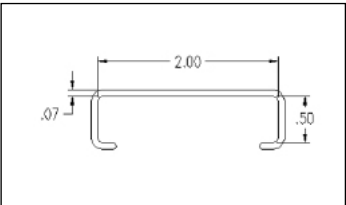
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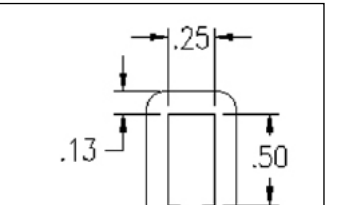
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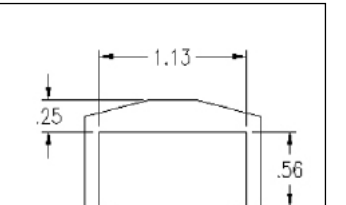
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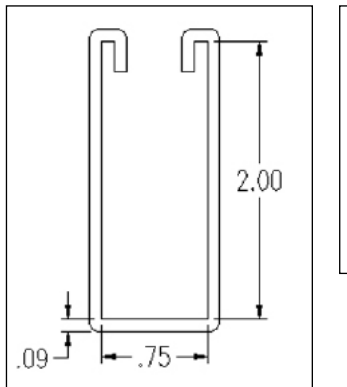
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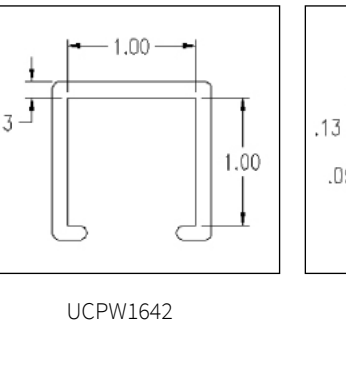
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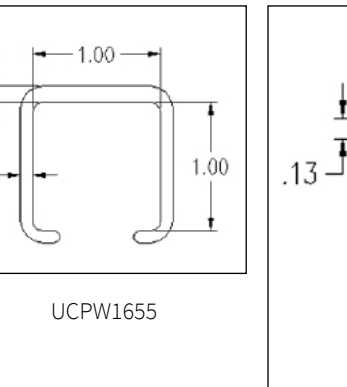
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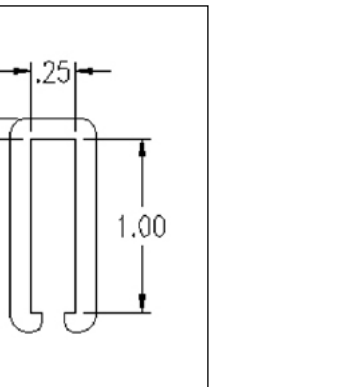
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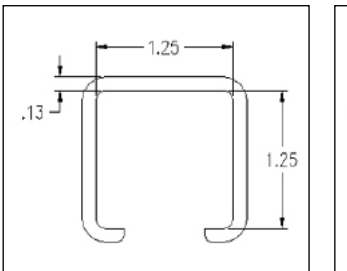
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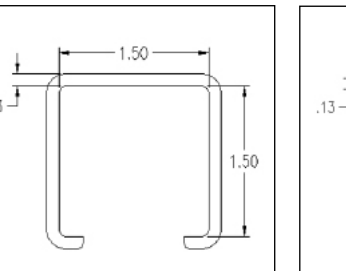
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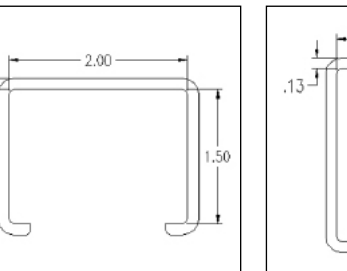
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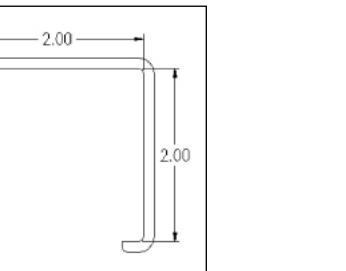
UCPW2076



UCPW2424



UCPW2432



UCPW3288

Nylon Extrusions

NJ530-22	NJ531-23	NJ532-24
NJ533-25	NJ534-26	NJ535-27
NJ536-28	NJ728	NJ306-13
NJ288-12	NJ272-15	NJ287-14
NJ290-11	NJ309-22	NJ308-24
NJ289-16	NJ310-21	NJ307-23

Pulleys

Flat Belt Pulleys

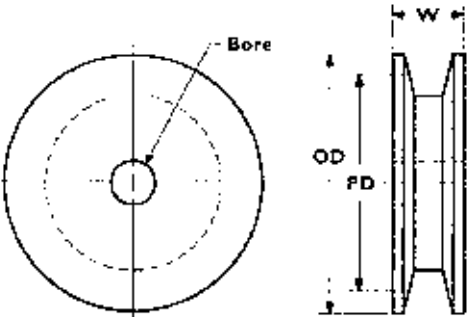
P/N	A	B	C	D
UFBP4814	3.00"	2.5"	.75"	1.00"
UFBP4816	3.00"	2.5"	1.00"	1.25"
UFBP5614	3.50"	3"	.75"	1.00"
UFBP5616	3.50"	3"	1.00"	1.25"
UFBP7214	4.50"	4"	.75"	1.00"
UFBP7216	4.50"	4"	1.00"	1.25"
UFBP8816	5.50"	5"	1.00"	1.25"

V-Belt Pulleys A-Belt

P/N	PD	OD	W	Stock Bore
UVBA0150	1.50"	1.75"	3/4"	1/4"
UVBA0180	1.80"	2.05"	3/4"	1/4"
UVBA0190	1.90"	2.05"	3/4"	1/4"
UVBA0200	2.00"	2.25"	3/4"	1/4"
UVBA0210	2.10"	2.35"	3/4"	1/4"
UVBA0230	2.30"	2.55"	3/4"	1/4"
UVBA0240	2.40"	2.65"	3/4"	1/4"
UVBA0250	2.50"	2.75"	3/4"	1/4"
UVBA0260	2.60"	2.85"	3/4"	1/4"
UVBA0280	2.80"	3.05"	3/4"	1/4"
UVBA0300	3.00"	3.25"	3/4"	1/4"
UVBA0320	3.20"	3.45"	3/4"	1/2"
UVBA0340	3.40"	3.65"	3/4"	1/2"
UVBA0360	3.60"	3.85"	3/4"	1/2"
UVBA0380	3.80"	4.05"	3/4"	1/2"
UVBA0400	4.00"	4.25"	3/4"	1/2"
UVBA0420	4.20"	4.45"	3/4"	1/2"
UVBA0500	5.00"	5.25"	3/4"	1/2"
UVBA0520	5.20"	5.45"	3/4"	1/2"
UVBA0540	5.40"	5.65"	3/4"	1/2"
UVBA0560	5.60"	5.85"	3/4"	1/2"
UVBA0580	5.80"	6.05"	3/4"	1/2"
UVBA0600	6.00"	6.25"	3/4"	1/2"
UVBA0620	6.20"	6.45"	3/4"	1/2"
UVBA0640	6.40"	6.65"	3/4"	1/2"
UVBA0700	7.00"	7.25"	3/4"	1/2"
UVBA0820	8.20"	8.45"	3/4"	1/2"
UVBA0900	9.00"	9.25"	3/4"	1/2"
UVBA1060	10.60"	10.85"	3/4"	1/2"
UVBA1200	12.00"	12.25"	3/4"	1/2"



NOTE
UHMW-PE



Pulleys

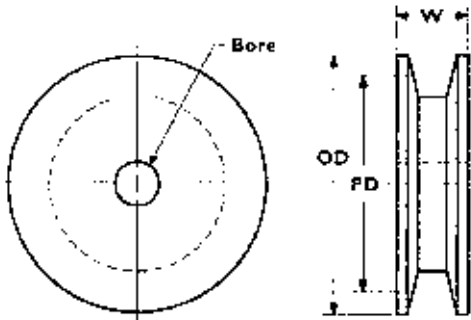
V-Belt Pulleys B-Belt

P/N	PD	OD	W	Stock Bore
UVBB0340	3.40"	3.75"	1"	1/2"
UVBB0360	3.60"	3.95"	1"	1/2"
UVBB0380	3.80"	4.15"	1"	1/2"
UVBB0400	4.00"	4.35"	1"	1/2"
UVBB0420	4.20"	4.55"	1"	1/2"
UVBB0440	4.40"	4.75"	1"	1/2"
UVBB0460	4.60"	4.95"	1"	1/2"
UVBB0480	4.80"	5.15"	1"	1/2"
UVBB0500	5.00"	5.35"	1"	1/2"
UVBB0520	5.20"	5.55"	1"	1/2"
UVBB0540	5.40"	5.75"	1"	1/2"
UVBB0560	5.60"	5.95"	1"	1/2"
UVBB0580	5.80"	6.15"	1"	1/2"
UVBB0600	6.00"	6.35"	1"	1/2"
UVBB0620	6.20"	6.55"	1"	1/2"
UVBB0640	6.40"	6.75"	1"	1/2"
UVBB0660	6.60"	6.95"	1"	1/2"
UVBB0680	6.80"	7.15"	1"	1/2"
UVBB0740	7.40"	7.75"	1"	1/2"
UVBB0860	8.60"	8.95"	1"	1/2"
UVBB0940	9.40"	9.75"	1"	1/2"
UVBB1100	11.00"	11.35"	1"	1/2"
UVBB1240	12.40"	12.75"	1"	1/2"



NOTE
UHMW-PE

Power Plastics also manufactures pulleys in either B or C hubs. Just specify the hub type when ordering. The most common material used for pulleys is UHMW-PE Nat. but Power Plastics also manufactures pulleys from nylon and acetal.



Pulleys

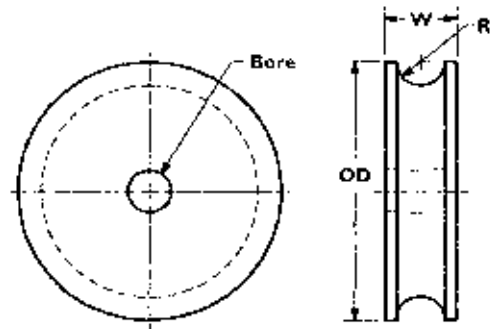
1/4" Round Belt Pulleys

P/N	PD	W	R	Stock Bore
URBP02404	1.50"	1/2"	9/64"	1/4"
URBP03404	2.00"	1/2"	9/64"	1/4"
URBP04004	2.50"	1/2"	9/64"	1/4"
URBP04804	3.00"	1/2"	9/64"	1/4"
URBP05604	3.50"	1/2"	9/64"	1/4"
URBP06404	4.00"	1/2"	9/64"	1/4"
URBP07204	4.50"	1/2"	9/64"	1/4"
URBP08004	5.00"	1/2"	9/64"	1/4"



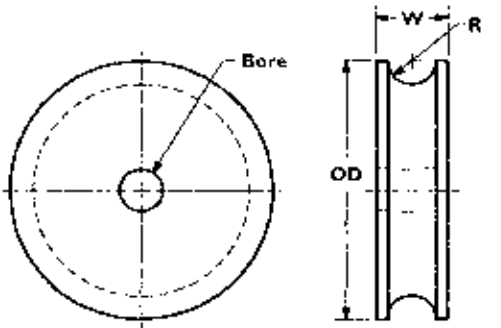
3/8" Round Belt Pulleys

P/N	PD	W	R	Stock Bore
URBP02404	1.50"	1/2"	9/64"	1/4"
URBP03404	2.00"	1/2"	9/64"	1/4"
URBP04004	2.50"	1/2"	9/64"	1/4"
URBP04804	3.00"	1/2"	9/64"	1/4"
URBP05604	3.50"	1/2"	9/64"	1/4"
URBP06404	4.00"	1/2"	9/64"	1/4"
URBP07204	4.50"	1/2"	9/64"	1/4"
URBP08004	5.00"	1/2"	9/64"	1/4"



1/2" Round Belt Pulleys

P/N	PD	W	W	Stock Bore
URBP04808	3.00"	3/4"	17/64"	1/4"
URBP05608	3.50"	3/4"	17/64"	1/2"
URBP06408	4.00"	3/4"	17/64"	1/2"
URBP07208	4.50"	3/4"	17/64"	1/2"
URBP08008	5.00"	3/4"	17/64"	1/2"
URBP08808	5.50"	3/4"	17/64"	1/2"
URBP09608	6.00"	3/4"	17/64"	1/2"
URBP10408	6.50"	3/4"	17/64"	1/2"
URBP11208	7.00"	3/4"	17/64"	1/2"
URBP12008	7.50"	3/4"	17/64"	1/2"
URBP12808	8.00"	3/4"	17/64"	1/2"
URBP14408	9.00"	3/4"	17/64"	1/2"
URBP16008	10.00"	3/4"	17/64"	1/2"



4 DP Spur Gears

4 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	(Max.)	Hub (Type)	(Dia.)	(Proj.)
11SG04	11	3.000"	3.500"	3/4"	1-1/4"	B	2-1/4"	7/8"
12SG04	12	3.000"	3.500"	3/4"	1-1/4"	B	2-1/4"	7/8"
13SG04	13	3.250"	3.750"	3/4"	1-1/4"	B	2-1/4"	7/8"
14SG04	14	3.500"	4.000"	3/4"	1-5/8"	B	2-3/4"	7/8"
15SG04	15	3.750"	4.250"	3/4"	1-3/4"	B	3"	7/8"
16SG04	16	4.000"	4.500"	3/4"	1-3/4"	B	3-1/4"	7/8"
17SG04	17	4.250"	4.750"	3/4"	2"	B	3-1/2"	7/8"
18SF04	18	4.500"	5.000"	3/4"	2"	B	3-1/2"	7/8"
19SG04	19	4.750"	5.250"	3/4"	2"	B	3-1/2"	7/8"
20SG04	20	5.000"	5.500"	3/4"	2-1/8"	B	3-3/4"	7/8"
21SG04	21	5.250"	5.750"	3/4"	2-3/8"	B	4"	7/8"
22SG04	22	5.500"	6.00"	3/4"	2-5/8"	B	4-1/4"	7/8"
24SG04	24	6.000"	6.500"	3/4"	2-7/8"	B	4-1/2"	1-1/2"
26SG04	26	6.500"	7.000"	3/4"	2-7/8"	B	4-1/2"	1-1/2"
28SG04	28	7.000"	7.500"	3/4"	2-7/8"	B	4-1/2"	1-1/2"
30SG04	30	7.500"	8.000"	3/4"	2-7/8"	B	4-1/2"	1-1/2"
32SG04	32	8.000"	8.500"	3/4"	2-7/8"	B	4-1/2"	1-1/2"
36SG04	36	9.000"	9.500"	3/4"	2-7/8"	B	4-1/2"	1-1/2"
40SG04	40	10.000"	10.500"	3/4"	3-3/8"	B	5-1/8"	1-1/2"
42SG04	42	10.500"	11.000"	3/4"	3-3/8"	B	5-1/8"	1-1/2"
44SG04	44	11.000"	11.500"	3/4"	3-3/8"	B	5-1/8"	1-1/2"
48SG04	48	12.000"	12.500"	3/4"	3-3/8"	B	5-1/8"	1-1/2"
54SG04	54	13.500"	14.000"	3/4"	3-3/8"	B	5"	1-1/2"
56SG04	56	14.000"	14.500"	3/4"	3-3/8"	B	5"	1-1/2"
60SG04	60	15.000"	15.500"	3/4"	3-3/8"	B	5"	1-1/2"
64SG04	64	16.000"	16.500"	3/4"	3-3/8"	B	5"	1-1/2"
72SG04	72	18.000"	18.500"	3/4"	3-3/8"	B	5-1/2"	1-1/2"
80SG04	80	20.000"	20.500"	3/4"	3-3/8"	B	5-1/2"	1-1/2"
84SG04	84	21.000"	21.500"	3/4"	3-3/8"	B	5-1/2"	1-1/2"
88SG04	88	22.000"	22.500"	3/4"	3-3/8"	B	6-1/8"	1-1/2"
96SG04	96	24.000"	24.500"	3/4"	3-3/8"	B	6-1/8"	1-1/2"

Power Plastics can custom manufacture any type of gears. From spur gears to helical gears to miter gears. Just call or fax with your customer specifications.

NOTE
2" Face
14-1/2° PA
Material: Oil Filled Nylon



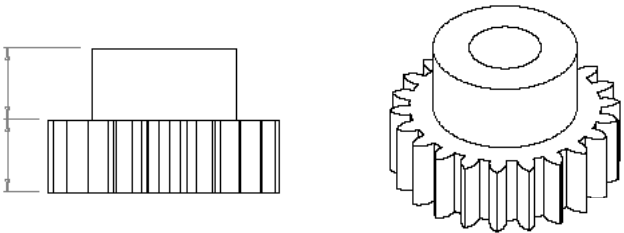
5 DP Spur Gears

5 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	(Max.)	Hub (Type)	(Dia.)	(Proj.)
11SG05	11	2.400"	3.500"	3/4"	1"	B	1-25/32"	7/8"
12SG05	12	2.400"	3.500"	3/4"	1"	B	1-25/32"	7/8"
13SG05	13	2.600"	3.750"	3/4"	1"	B	2"	7/8"
14SG05	14	2.800"	4.000"	3/4"	1"	B	2-3/16"	7/8"
15SG05	15	3.000"	4.250"	3/4"	1"	B	2-3/8"	7/8"
16SG05	16	3.200"	4.500"	3/4"	1"	B	2-19/32"	7/8"
17SG05	17	3.400"	4.750"	3/4"	1-1/2"	B	2-7/8"	7/8"
18SG05	18	3.600"	5.000"	3/4"	1-3/4"	B	3"	7/8"
19SG05	19	3.800"	5.250"	3/4"	2"	B	3-1/4"	7/8"
20SG05	20	4.000"	5.500"	3/4"	2"	B	3-3/8"	7/8"
21SG05	21	4.200"	5.750"	3/4"	2"	B	3-3/8"	7/8"
22SG05	22	4.400"	6.00"	3/4"	2"	B	3-3/8"	7/8"
23SG05	23	4.600"	20.500"	3/4"	2"	B	3-3/8"	7/8"
24SG05	24	4.800"	6.500"	3/4"	2"	B	3-3/4"	7/8"
25SG05	25	5.000"	20.500"	3/4"	2"	B	3-3/4"	7/8"
26SG05	26	5.200"	7.000"	3/4"	2"	B	3-3/4"	7/8"
28SG05	28	5.600"	7.500"	3/4"	2"	B	3-3/4"	7/8"
30SG05	30	6.000"	8.000"	3/4"	2"	B	3-3/4"	1-1/4"
35SG05	35	7.000"	9.500"	3/4"	2-1/2"	B	3-3/4"	1-1/4"
40SG05	40	8.000"	10.500"	3/4"	2-1/2"	B	3-3/4"	1-1/4"
45SG05	45	9.000"	12.500"	3/4"	2-1/2"	B	3-3/4"	1-1/4"
50SG05	50	10.500"	14.000"	3/4"	2-1/2"	B	3-3/4"	1-1/4"
55SG05	55	11.000"	14.500"	3/4"	3"	B	3-3/4"	1-1/4"
60SG05	60	12.000"	15.500"	3/4"	3"	B	3-3/4"	1-1/4"
70SG05	70	14.000"	18.500"	3/4"	3"	B	5"	1-1/2"
80SG05	80	16.000"	20.500"	3/4"	3-1/2"	B	5"	1-1/2"
90SG05	90	18.00"	18.400"	3/4"	3-1/2"	B	5"	1-1/2"

Polymer spur gears can outlast steal gears in many industrial applications and lubrication is not required. They also run well with steel gear sets and can protect from sudden mechanical failure by acting as a sacrifice gear.

The most common type of material is Nylon, but **Power Plastics** can manufacture gears in any material. They are also not limited to the specifications shown in the chart.



NOTE
1-3/4" Face
14-1/2° PA
Material: Oil Filled Nylon

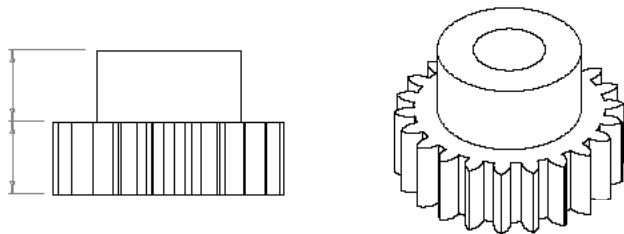
6 DP Spur Gears

6 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	(Max.)	Hub (Type)	(Dia.)	(Proj.)
11SG05	11	2.000"	2.333"	3/4"	3/4"	B	1-1/2"	7/8"
12SG05	12	2.000"	2.333"	3/4"	3/4"	B	1-1/2"	7/8"
14SG05	14	2.333"	2.666"	3/4"	7/8"	B	1-13/16"	7/8"
15SG05	15	2.500"	2.833"	3/4"	1-1/8"	B	2"	7/8"
16SG05	16	2.666"	3.000"	3/4"	1-1/4"	B	2-5/32"	7/8"
18SG05	18	3.000"	3.333"	3/4"	1-3/8"	B	2-1/2"	7/8"
20SG05	20	3.333"	3.666"	3/4"	1-5/8"	B	2-27/32"	7/8"
21SG05	21	3.500"	3.833"	3/4"	1-3/4"	B	3"	7/8"
22SG05	22	3.666"	4.000"	3/4"	1-3/4"	B	3"	7/8"
24SG05	24	4.000"	4.333"	3/4"	1-3/4"	B	3"	1"
27SG05	27	4.500"	4.833"	3/4"	1-3/4"	B	3"	1"
28SG05	28	4.666"	5.000"	3/4"	1-3/4"	B	3"	1"
30SG05	30	5.000"	5.333"	3/4"	1-3/4"	B	3-1/8"	1"
32SG05	32	5.333"	5.666"	3/4"	1-3/4"	B	3-1/8"	1"
33SG05	33	5.500"	5.833"	3/4"	1-3/4"	B	3-1/4"	1"
36SG05	36	6.000"	6.333"	3/4"	2-3/8"	B	4"	1"
39SG05	39	6.500"	6.833"	3/4"	2-3/8"	B	4"	1"
40SG05	40	6.666"	7.000"	3/4"	2-3/8"	B	4"	1"
42SG05	42	7.000"	7.333"	3/4"	2-3/8"	B	4"	1"
45SG05	45	7.500"	7.833"	3/4"	2-3/8"	B	4"	1"
48SG05	48	8.000"	8.333"	3/4"	2-1/2"	B	4-1/8"	1"
52SG05	52	8.666"	9.000"	3/4"	2-5/8"	B	4-1/4"	1"
54SG05	54	9.000"	9.333"	3/4"	2-3/4"	B	4-3/8"	1"
58SG05	58	9.666"	10.000"	3/4"	2-3/4"	B	4-3/8"	1"
60SG05	60	10.000"	10.333"	3/4"	2-3/4"	B	4-3/8"	1-1/4"
64SG05	64	10.666"	11.000"	3/4"	2-3/4"	B	4-3/8"	1-1/4"
66SG05	66	11.000"	11.333"	3/4"	2-3/4"	B	4-3/8"	1-1/4"
72SG05	72	12.000"	12.333"	3/4"	2-3/4"	B	4-3/8"	1-1/4"
84SG05	84	14.000"	14.333"	3/4"	3-7/8"	B	4-1/2"	1-1/4"
96SG05	96	16.000"	16.333"	3/4"	3-3/8"	B	5-1/8"	1-1/4"

Gears are also available in A plate style.

Power Plastics can custom manufacture any type of gears. From spur gears to helical gears to miter gears. Just call or fax with your customer specifications.



NOTE
1-1/2" Face
14-1/2 ° PA
Material: Oil Filled Nylon

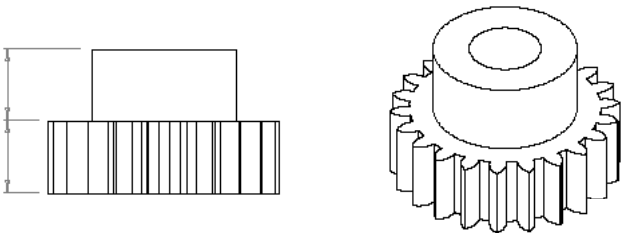
8 DP Spur Gears

8 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	(Max.)	Hub (Type)	(Dia.)	(Proj.)
11SG08	11	1.500"	1.750"	3/4"	1/2"	B	1-1/8"	3/4"
12SG08	12	1.500"	1.750'	3/4"	1/2"	B	1-1/8"	3/4"
13SG08	13	1.625"	1.875"	3/4"	1/2"	B	1-1/4"	3/4"
14SG08	14	1.750"	2.000"	3/4"	5/8"	B	1-3/8"	3/4"
15SG08	15	1.875"	2.125"	3/4"	3/4"	B	1-1/2"	3/4"
16SG08	16	2.000"	2.250"	3/4"	7/8"	B	1-5/8"	3/4"
17SG08	17	2.125"	2.375"	3/4"	7/8"	B	1-3/4"	3/4"
18SG08	18	2.250"	2.500"	3/4"	1"	B	1-7/8"	3/4"
19SG08	19	2.375"	2.625"	3/4"	1-1/8"	B	2"	3/4"
20SG08	20	2.500"	2.750"	3/4"	1-1/8"	B	2-1/8"	3/4"
21SG08	21	2.625"	2.875"	3/4"	1-1/4"	B	2-1/4"	3/4"
22SG08	22	2.750"	3.000"	3/4"	1-1/4"	B	2-3/8"	3/4"
24SG08	24	3.000"	3.250"	3/4"	1-1/2"	B	2-5/8"	1"
26SG08	26	3.250"	3.500"	3/4"	1-1/2"	B	2-5/8"	1"
28SG08	28	3.500"	3.750"	1/4"	1-5/8"	B	2-3/4"	1"
30SG08	30	3.750"	4.000"	3/4"	1-3/4"	B	2-7/8"	1"
32SG08	32	4.000"	4.250"	3/4"	1-3/4"	B	3"	1"
36SG08	36	4.500"	4.750"	3/4"	1-3/4"	B	3"	1"
40SG08	40	5.000"	5.250"	3/4"	1-3/4"	B	3"	1"
42SG08	42	5.250"	5.500"	3/4"	1-3/4"	B	3"	1"
44SG08	44	5.500"	5.750"	3/4"	1-3/4"	B	3"	1"
48SG08	48	6.000"	6.250"	3/4"	1-3/4"	B	3"	1"

Polymer spur gears can outlast steal gears in many industrial applications and lubrication is not required. They also run well with steel gear sets and can protect from sudden mechanical failure by acting as a sacrifice gear.

The most common type of material is Nylon, but Power Plastics can manufacture gears in any material. They are also not limited to the specifications shown in the chart.



NOTE
1-1/4" Face
14-1/2 ° PA
Material: Oil Filled Nylon

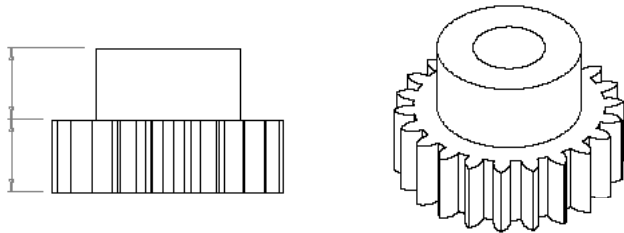
10 DP Spur Gears

10 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	(Max.)	Hub (Type)	(Dia.)	(Proj.)
11SG10	11	1.200"	1.400"	1.2"	1.2"	B	15/16"	5/8"
12SG10	12	1.200"	1.400"	1/2"	1/2"	B	15/16"	5/8"
13SG10	13	1.300"	1.500"	1/2"	1/2"	B	1"	5/8"
14SG10	14	1.400"	1.600"	1/2"	1/2"	B	1-1/8"	5/8"
15SG10	15	1.500"	1.700"	3/4"	1/2"	B	1-7/32"	5/8"
16SG10	16	1.600"	1.800"	3/4"	1/2"	B	1-5/16"	5/8"
17SG10	17	1.700"	1.900"	3/4"	5/8"	B	1-3/8"	5/8"
18SG10	18	1.800"	2.00"	3/4"	3/4"	B	1-17/32"	5/8"
19SG10	19	1.900"	2.100"	3/4"	3/4"	B	1-9/16"	5/8"
20SG10	20	2.000"	2.200"	3/4"	7/8"	B	1-23/32"	5/8"
21SG10	21	2.100"	2.400"	3/4"	7/8"	B	1-3/4"	5/8"
22SG10	22	2.200"	2.500"	3/4"	1"	B	1-7/8"	5/8"
24SG10	24	2.400"	2.600"	3/4"	1-1/8"	B	2-1/8"	5/8"
25SG10	25	2.500"	2.700"	3/4"	1-1/4"	B	2-7/32"	5/8"
26SG10	26	2.600"	2.800"	3/4"	1-1/4"	B	2-1/8"	5/8"
28SG10	28	2.800"	3.000"	3/4"	1-1/4"	B	2-1/8"	7/8"
30SG10	30	3.000"	3.200"	3/4"	1-1/4"	B	2-1/8"	7/8"
32SG10	32	3.200"	3.400"	3/4"	1-1/4"	B	2-1/8"	7/8"
35SG10	35	3.500"	3.700"	3/4"	1-1/4"	B	2-1/4"	7/8"
36SG10	36	3.600"	3.800"	3/4"	1-1/4"	B	2-1/4"	7/8"
38SG10	38	3.800"	4.000"	3/4"	1-1/4"	B	2-1/4"	7/8"
40SG10	40	4.000"	4.200"	3/4"	1-1/4"	B	2-1/4"	7/8"
42SG10	42	4.200"	4.400"	3/4"	1-1/4"	B	2-1/4"	7/8"
45SG10	45	4.500"	4.700"	3/4"	1-3/8"	B	2-1/2"	7/8"
48SG10	48	4.800"	5.000"	3/4"	1-3/8"	B	2-1/2"	7/8"
50SG10	50	5.000"	5.200"	3/4"	1-3/8"	B	2-1/2"	7/8"
54SG10	54	5.400"	5.600"	3/4"	1-3/8"	B	2-1/2"	7/8"
55SG10	55	5.500"	5.700"	3/4"	1-3/8"	B	2-1/2"	7/8"
60SG10	60	6.000"	6.200"	3/4"	1-3/8"	B	2-1/2"	7/8"

Gears are also available in A plate style.

Power Plastics can custom manufacture any type of gears. From spur gears to helical gears to miter gears. Just call or fax with your customer specifications.



NOTE
1" Face
14-1/2° PA
Material: Oil Filled Nylon

12 DP Spur Gears

12 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	(Max.)	Hub (Type)	(Dia.)	(Proj.)
11SG12	11	1.000"	1.167"	1/2"	1/2"	B	3/4"	1/2"
12SG12	12	1.000"	1.167"	1/2"	1/2"	B	3/4"	1/2"
13SG12	13	1.083"	1.250"	1/2"	1/2"	B	13/16"	1/2"
14SG12	14	1.167"	1.333"	1/2"	1/2"	B	29/32"	1/2"
15SG12	15	1.250"	1.417"	1/2"	1/2"	B	1"	1/2"
16SG12	16	1.333"	1.500"	1/2"	1/2"	B	1-1/16"	1/2"
17SG12	17	1.413"	1.580"	1/2"	1/2"	B	1-1/8"	1/2"
18SG12	18	1.500"	1.667"	1/2"	1/2"	B	1-1/4"	1/2"
19SG12	19	1.583"	1.750"	1/2"	5/8"	B	1-5/16"	1/2"
20SG12	20	1.667"	1.883"	1/2"	7/8"	B	1-13/16"	1/2"
21SG12	21	1.750"	1.917"	1/2"	3/4"	B	1-1/2"	1/2"
22SG12	22	1.833"	2.000"	1/2"	7/8"	B	1-9/16"	1/2"
23SG12	23	1.917"	2.083"	1/2"	7/8"	B	1-5/8"	1/2"
24SG12	24	2.000"	2.166"	1/2"	7/8"	B	1-3/4"	1/2"
25SG12	25	2.083"	2.250"	1/2"	7/8"	B	1-27/32"	1/2"
26SG12	26	2.167"	2.333"	1/2"	1"	B	1-15/16"	5/8"
28SG12	28	2.333"	2.500"	1/2"	1-1/4"	B	2-1/16"	5/8"
30SG12	30	2.500"	2.667"	1/2"	1-1/4"	B	2-1/4"	5/8"
32SG12	32	2.667"	2.833"	1/2"	1-1/4"	B	2-1/4"	5/8"
34SG12	34	2.833"	3.000"	1/2"	1-1/4"	B	2-1/4"	5/8"
36SG12	36	3.000"	3.167"	1/2"	1-3/8"	B	2-1/2"	5/8"
38SG12	38	3.167"	3.333"	1/2"	1-3/8"	B	2-1/2"	5/8"
40SG12	40	3.333"	3.500"	1/2"	1-3/8"	B	2-1/2"	5/8"
42SG12	42	3.500"	3.666"	1/2"	1-3/8"	B	2-1/2"	5/8"
44SG12	44	3.667"	3.833"	1/2"	1-3/8"	B	2-1/2"	5/8"
48SG12	48	4.000"	4.166"	1/2"	1-3/8"	B	2-1/2"	3/4"
54SG12	54	4.500"	4.666"	3/4"	1-5/8"	B	2-3/4"	3/4"
56SG12	56	4.667"	4.833"	3/4"	1-5/8"	B	2-3/4"	3/4"
60SG12	60	5.000"	5.166"	3/4"	1-5/8"	B	2-3/4"	3/4"
64SG12	64	5.333"	5.500"	3/4"	1-5/8"	B	2-3/4"	3/4"
66SG12	66	5.500"	5.666"	3/4"	1-5/8"	B	2-3/4"	3/4"
72SG12	72	6.000"	6.166"	3/4"	1-5/8"	B	2-3/4"	3/4"

Polymer spur gears can outlast steel gears in many industrial applications and lubrication is not required. They also run well with steel gear sets and can protect from sudden mechanical failure by acting as a sacrifice gear.

The most common type of material is Nylon, but Power Plastics can manufacture gears in any material. They are also not limited to the specifications shown in the chart.

NOTE
3/4" Face
14-1/2° PA
Material: Oil Filled Nylon



16 DP Spur Gears

16 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	(Max.)	Hub (Type)	(Dia.)	(Proj.)
11SG16	11	.750"	.875"	3/8"	3/8"	B	9/16"	7/16"
12SG16	12	.750"	.875"	3/8"	3/8"	B	9/16"	7/16"
13SG16	13	.875"	1.000"	3/8"	3/8"	B	5/8"	7/16"
14SG16	14	.875"	1.000"	3/8"	3/8"	B	11/16"	7/16"
15SG16	15	.937	1.062"	1/2"	1/2"	B	3/4"	7/16"
16SG16	16	1.000"	1.125"	1/2"	1/2"	B	13/16"	7/16"
17SG16	17	1.062"	1.187"	1/2"	1/2"	B	7/8"	7/16"
18SG16	18	1.125"	1.250"	1/2"	1/2"	B	15/16"	7/16"
19SG16	19	1.187"	1.312"	1/2"	1/2"	B	1"	7/16"
20SG16	20	1.250"	1.375"	1/2"	1/2"	B	1-1/16"	7/16"
21SG16	21	1.312"	1.438"	1/2"	1/2"	B	1-1/8"	7/16"
22SG16	22	1.375"	1.500"	1/2"	1/2"	B	1-3/16"	7/16"
23SG16	23	1.437"	1.562"	1/2"	1/2"	B	1-1/4"	7/16"
24SG16	24	1.500"	1.625"	1/2"	5/8"	B	1-5/16"	7/16"
26SG16	26	1.625"	1.750"	1/2"	3/4"	B	1-7/16"	7/16"
28SG16	28	1.750"	1.875"	1/2"	3/4"	B	1-1/2"	1/2"
30SG16	30	1.875"	2.000"	1/2"	7/8"	B	1-5/8"	1/2"
32SG16	32	2.000"	2.125"	1/2"	1"	B	1-3/4"	1/2"
34SG16	34	2.125"	2.250"	1/2"	1-1/8"	B	1-7/8"	1/2"
36SG16	36	2.250"	2.375"	1/2"	1-1/8"	B	2"	1/2"
38SG16	38	2.375"	2.500"	1/2"	1-1/8"	B	2"	1/2"
40SG16	40	2.500"	2.626"	1/2"	1-1/8"	B	2"	1/2"
44SG16	44	2.750"	2.875"	1/2"	1-1/8"	B	2"	1/2"
48SG16	48	3.000"	3.125"	1/2"	1-1/8"	B	2"	1/2"
52SG16	52	3.250"	3.375"	1/2"	1-1/8"	B	2"	1/2"
54SG16	54	3.375"	3.500"	1/2"	1-1/8"	B	2"	1/2"
56SG16	56	3.500"	3.625"	1/2"	1-1/8"	B	2"	1/2"
60SG16	60	3.750"	3.875"	1/2"	1-1/8"	B	2"	1/2"
64SG16	64	4.000"	4.125"	1/2"	1-1/8"	B	2"	5/8"
68SG16	68	4.250"	4.375"	1/2"	1-1/4"	B	2-1/4"	5/8"
72SG16	72	4.500"	4.625"	1/2"	1-1/4"	B	2-1/4"	5/8"
80SG16	80	5.000"	5.125"	1/2"	1-1/4"	B	2-1/4"	5/8"
84SG16	84	5.250"	5.375"	1/2"	1-1/4"	B	2-1/4"	5/8"
88SG16	88	5.500"	5.625"	1/2"	1-1/4"	B	2-1/4"	5/8"
96SG16	96	6.000"	6.125"	1/2"	1-1/4"	B	2-1/4"	5/8"

Gears are also available in A plate style.

Power Plastics can custom manufacture any type of gears. From spur gears to helical gears to miter gears. Just call or fax with your customer specifications.

NOTE
1/2" Face
14-1/2° PA
Material: Oil Filled Nylon



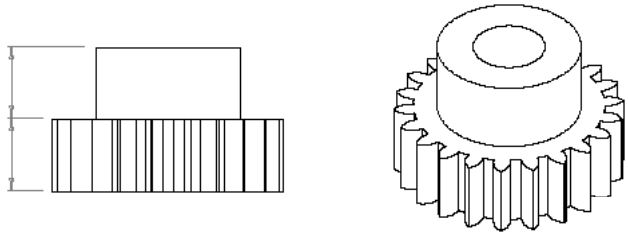
20 DP Spur Gears

20 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	(Max.)	Hub (Type)	(Dia.)	(Proj.)
11SG20	11	.55"	.65"	1/4"	5/16"	B	15/32"	3/8"
12SG20	12	.60"	.70"	1/4"	5/16"	B	15/32"	3/8"
14SG20	14	.70"	.80"	1/4"	5/16"	B	35/64"	3/8"
15SG20	15	.75"	.85"	1/4"	3/8"	B	39/64"	3/8"
18SG20	18	.90"	1.00"	1/4"	3/8"	B	3/4"	3/8"
20SG20	20	1.00"	1.10"	1/4"	3/8"	B	55/64"	3/8"
24SG20	24	1.20"	1.30"	3/8"	9/16"	B	1-1/16"	3/8"
30SG20	30	1.50"	1.60"	3/8"	13/16"	B	1-23/64"	3/8"
32SG20	32	1.60"	1.70"	3/8"	7/8"	B	1-7/16"	1/2"
34SG20	34	1.70"	1.80"	3/8"	3/8"	B	47/64"	5/16"
35SG20	35	1.75"	1.85"	3/8"	3/8"	B	47/64"	5/16"
36SG20	36	1.80"	1.90"	3/8"	3/8"	B	47/64"	5/16"
38SG20	38	1.90"	2.00"	3/8"	3/8"	B	47/64"	5/16"
40SG20	40	2.00"	2.10"	3/8"	3/8"	B	47/64"	5/16"
41SG20	41	2.05"	2.15"	3/8"	3/8"	B	47/64"	5/16"
42SG20	42	2.10"	2.20"	3/8"	3/8"	B	47/64"	5/16"
44SG20	44	2.20"	2.30"	3/8"	3/8"	B	47/64"	5/16"
45SG20	45	2.25"	2.35"	3/8"	3/8"	B	47/64"	5/16"
46SG20	46	2.30"	2.40"	3/8"	3/8"	B	47/64"	5/16"
48SG20	48	2.40"	2.50"	3/8"	3/8"	B	47/64"	5/16"
50SG20	50	2.50"	2.60"	3/8"	3/8"	B	3/4"	5/16"
55SG20	55	2.75"	2.85"	3/8"	3/8"	B	2"	1/2"
60SG20	60	3.00"	3.10"	3/8"	3/8"	B	2"	1/2"
64SG20	64	3.20"	3.30"	3/8"	3/8"	B	2"	1/2"
70SG20	70	3.50"	3.60"	3/8"	3/8"	B	2"	1/2"
72SG20	72	3.60"	3.70"	3/8"	3/8"	B	2-1/4"	1/2"
75SG20	75	3.75"	3.85"	3/8"	3/8"	B	2-1/4"	1/2"
80SG20	80	4.00"	4.10"	1/2"	1/2"	B	2-1/4"	1/2"
84SG20	84	4.20"	4.30"	1/2"	1/2"	B	2-1/4"	1/2"

Polymer spur gears can outlast steel gears in many industrial applications and lubrication is not required. They also run well with steel gear sets and can protect from sudden mechanical failure by acting as a sacrifice gear.

The most common type of material is Nylon, but Power Plastics can manufacture gears in any material. They are also not limited to the specifications shown in the chart.



NOTE
3/8" Face
14-1/2° PA
Material: Oil Filled Nylon

24 DP Spur Gears

24 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	Hub (Type)	(Dia.)	(Proj.)
12SG24	12	.500"	.538"	3/16"	B	3/8"	5/16"
14SG24	14	.538"	.667"	3/16"	B	7/16"	5/16"
15SG24	15	.625"	.709"	3/16"	B	31/64"	5/16"
16SG24	16	.667"	.750"	3/16"	B	31/64"	5/16"
17SG24	17	.709"	.791"	3/16"	B	35/64"	5/16"
18SG24	18	.750"	.833"	3/16"	B	35/64"	5/16"
19SG24	19	.791"	.875"	3/16"	B	35/64"	5/16"
20SG24	20	8.33"	.917"	3/16"	B	35/64"	5/16"
21SG24	21	8.75"	.959"	3/16"	B	35/64"	5/16"
22SG24	22	.917"	1.00"	3/16"	B	35/64"	5/16"
23SG24	23	.959"	1.041"	3/16"	B	35/64"	5/16"
24SG24	24	1.000"	1.083"	1/4"	B	5/8"	5/16"
25SG24	25	1.041"	1.125"	1/4"	B	39/64"	5/16"
26SG24	26	1.083"	1.167"	1/4"	B	5/8"	5/16"
27SG24	27	1.125"	1.208"	1/4"	B	5/8"	5/16"
28SG24	28	1.167"	1.250"	1/4"	B	5/8"	5/16"
30SG24	30	1.250"	1.333"	1/4"	B	5/8"	5/16"
32SG24	32	1.333"	1.416"	1/4"	B	39/64"	5/16"
33SG24	33	1.375"	1.458"	1/4"	B	39/64"	5/16"
34SG24	34	1.416"	1.500"	1/4"	B	39/64"	5/16"
36SG24	36	1.500"	1.583"	1/4"	B	5/8"	5/16"
39SG24	39	1.625"	1.708"	5/16"	B	43/64"	5/16"
40SG24	40	1.666"	1.750"	5/16"	B	43/64"	5/16"
42SG24	42	1.750"	1.833"	5/16"	B	43/64"	5/16"
44SG24	44	1.833"	1.917"	5/16"	B	43/64"	5/16"
45SG24	45	1.875"	1.958"	5/16"	B	43/64"	5/16"
48SG24	18	2.000"	2.083"	5/16"	B	43/64"	5/16"
50SG24	50	2.083"	2.167"	5/16"	B	43/64"	5/16"
52SG24	52	2.166"	2.250"	5/16"	B	43/64"	5/16"
54SG24	54	2.250"	2.333"	5/16"	B	43/64"	5/16"
56SG24	56	2.333"	2.417"	5/16"	B	43/64"	5/16"
60SG24	60	2.500"	2.583"	5/16"	B	43/64"	5/16"

Gears are also available in A plate style.

Power Plastics can custom manufacture any type of gears. From spur gears to helical gears to miter gears. Just call or fax with your customer specifications.

NOTE
1/4" Face
20° PA
Material: Oil Filled Nylon



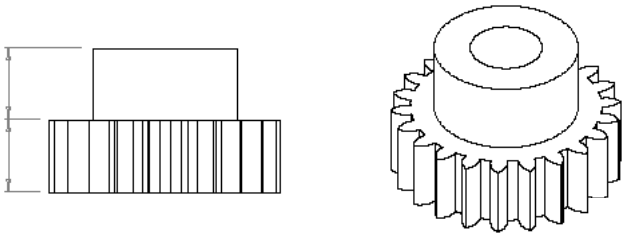
32 DP Spur Gears

32 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	Hub (Type)	(Dia.)	(Proj.)
12SG32	12	.375"	.438"	5/32"	B	9/32"	5/16"
14SG32	14	.438"	.500"	5/32"	B	5/16"	5/16"
16SG32	16	.500"	.562"	5/32"	B	11/32"	5/16"
18SG32	18	.562"	.625"	5/32"	B	11/32"	5/16"
20SG32	20	.625"	.688"	3/16"	B	15/32"	5/16"
22SG32	22	.688"	.750"	3/16"	B	1/2"	5/16"
24SG32	24	.750"	.813"	3/16"	B	1/2"	5/16"
26SG32	26	.813"	.875"	3/16"	B	9/16"	5/16"
28SG32	28	.875"	.938"	3/16"	B	1/2"	5/16"
30SG32	30	.938"	1.000"	3/16"	B	9/16"	5/16"
32SG32	32	1.000"	1.062"	1/4"	B	5/8"	5/16"
34SG32	34	1.062"	1.125"	1/4"	B	39/64"	5/16"
36SG32	36	1.125"	1.187"	1/4"	B	39/64"	5/16"
38SG32	38	1.187"	1.250"	1/4"	B	39/64"	5/16"
40SG32	40	1.250"	1.312"	1/4"	B	39/64"	5/16"
42SG32	42	1.312"	1.375"	1/4"	B	39/64"	5/16"
44SG32	44	1.375"	1.438"	1/4"	B	39/64"	5/16"
48SG32	48	1.500"	1.563"	1/4"	B	5/8"	5/16"
50SG32	50	1.563"	1.625"	1/4"	B	9/16"	5/16"
52SG32	52	1.625"	1.688"	5/16"	B	43/64"	5/16"
53SG32	53	1.656"	1.719"	5/16"	B	43/64"	5/16"
56SG32	56	1.750"	1.813"	5/16"	B	43/64"	5/16"
64SG32	64	2.000"	2.063"	5/16"	B	43/64"	5/16"
72SG32	72	2.250"	2.313"	5/16"	B	13/16"	5/16"
80SG32	80	2.500"	2.563"	5/16"	B	13/16"	5/16"
96SG32	96	3.000"	3.063"	5/16"	B	13/16"	5/16"

Polymer spur gears can outlast steel gears in many industrial applications and lubrication is not required. They also run well with steel gear sets and can protect from sudden mechanical failure by acting as a sacrifice gear.

The most common type of material is Nylon, but Power Plastics can manufacture gears in any material. They are also not limited to the specifications shown in the chart.



NOTE
3/16" Face
20° PA
Material: Oil Filled Nylon

48 DP Spur Gears

48 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	Hub (Type)	(Dia.)	(Proj.)
18SG48	18	.375"	.417"	5/32"	B	5/16"	1/4"
19SG48	19	.396"	.438"	5/32"	B	5/16"	1/4"
20SG48	20	.417"	.458"	5/32"	B	11/32"	1/4"
21SG48	21	.438"	.479"	5/32"	B	11/32"	1/4"
22SG48	22	.458"	.500"	5/32"	B	3/8"	1/4"
23SG48	23	.479"	.521"	5/32"	B	3/8"	1/4"
24SG48	24	.500"	.542"	5/32"	B	13/32"	1/4"
25SG48	25	.521"	.562"	5/32"	B	13/32"	1/4"
26SG48	26	.542"	.542"	5/32"	B	29/64"	1/4"
27SG48	27	.562"	.604"	5/32"	B	29/64"	1/4"
28SG48	28	.583"	.625"	5/32"	B	31/64"	1/4"
29SG48	29	.604"	.646"	5/32"	B	31/64"	1/4"
30SG48	30	.625"	.667"	3/16"	B	1/2"	1/4"
31SG48	31	.646"	6.88"	3/16"	B	35/64"	1/4"
32SG48	32	.667"	.708"	3/16"	B	35/64"	1/4"
33SG48	33	.688"	.729"	3/16"	B	35/64"	1/4"
34SG48	34	.708"	.750"	3/16"	B	35/64"	1/4"
35SG48	35	.729"	.771"	3/16"	B	35/64"	1/4"
36SG48	36	.750"	.792"	3/16"	B	35/64"	1/4"
37SG48	37	.771"	.713"	3/16"	B	35/64"	1/4"
38SG48	38	.792"	.833"	3/16"	B	35/64"	1/4"
39SG48	39	.813"	.854"	3/16"	B	35/64"	1/4"
40SG48	40	.833"	.875"	3/16"	B	35/64"	1/4"
42SG48	42	.875"	.917"	3/16"	B	35/64"	1/4"
44SG48	44	.917"	.958"	3/16"	B	35/64"	1/4"
45SG48	45	.938"	.979"	3/16"	B	35/64"	1/4"
48SG48	48	1.000"	1.042"	1/4"	B	39/64"	1/4"
52SG48	52	1.083"	1.125"	1/4"	B	39/64"	1/4"
54SG48	54	1.125"	1.168"	1/4"	B	39/64"	1/4"
56SG48	56	1.168"	1.208"	1/4"	B	39/64"	1/4"
60SG48	60	1.250"	1.292"	1/4"	B	39/64"	1/4"
64SG48	64	1.333"	1.375"	1/4"	B	39/64"	1/4"
66SG48	66	1.375"	1.417"	1/4"	B	39/64"	1/4"
72SG48	72	1.500"	1.542"	1/4"	B	39/64"	1/4"
80SG48	80	1.667"	1.708"	1/4"	B	39/64"	1/4"
84SG48	84	1.750"	1.792"	1/4"	B	39/64"	1/4"
96SG48	96	2.000"	2.042"	1/4"	B	39/64"	1/4"
100SG48	100	2.083"	2.125"	1/4"	B	39/64"	1/4"
108SG48	108	2.250"	2.292"	1/4"	B	39/64"	1/4"
120SG48	120	2.500"	2.542"	1/4"	B	39/64"	1/4"

Gears are also available in A plate style.

Power Plastics can custom manufacture any type of gears. From spur gears to helical gears to miter gears. Just call or fax with your customer specifications.

NOTE
1/8" Face 20 ° PA
Material: Oil Filled Nylon

Flange Bearings

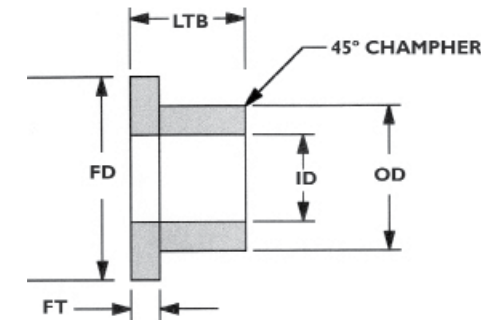
Flange Bearings

P/N	Nominal Size (ID)	(OD)	(LTB)	Flange OD/Thick
NFB020402	1/8	1/4	1/3	.360/.047
NFB020404	1/8	1/4	1/4	.360/.047
NFB020406	1/8	1/4	3/8	.360/.047
NFB060503	3/16	5/16	3/16	.370/.047
NFB060504	3/16	5/16	1/4	.370/.047
NFB060506	3/16	5/16	3/8	.370/.047
NFB060508	3/16	5/16	1/2	.370/.047
NFB040602	1/4	3/8	1/8	.560/.047
NFB040603	1/4	3/8	3/16	.560/.047
NFB040604	1/4	3/8	1/4	.560/.047
NFB040605	1/4	3/8	5/16	.560/.047
NFB040606	1/4	3/8	3/8	.560/.047
NFB040608	1/4	3/8	1/2	.560/.047
NFB040610	1/4	3/8	5/8	.560/.047
NFB040612	1/4	3/8	3/4	.560/.047
NFB050703	5/16	7/16	3/16	.560/.047
NFB050704	5/16	7/16	1/4	.560/.047
NFB050705	5/16	7/16	5/16	.560/.047
NFB050706	5/16	7/16	3/8	.560/.047
NFB050708	5/16	7/16	1/2	.560/.047
NFB050710	5/16	7/16	5/8	.560/.047
NFB050712	5/16	7/16	3/4	.560/.047
NFB060802	3/8	1/2	1/8	.625/.062
NFB060803	3/8	1/2	3/16	.625/.062
NFB060804	3/8	1/2	1/4	.625/.062
NFB060806	3/8	1/2	3/8	.625/.062
NFB060808	3/8	1/2	1/2	.625/.062
NFB060810	3/8	1/2	5/8	.625/.062
NFB060812	3/8	1/2	3/4	.625/.062
NFB060816	3/8	1/2	1	.625/.062



NOTE
Material: MD Nylon
(other materials are available upon request)

You are not limited to what is shown above. Power Plastics offers bushings and bearings in all configurations using many types of materials from UHMW-PE to Nylon to PTFE for high heat applications.



Flange Bearings

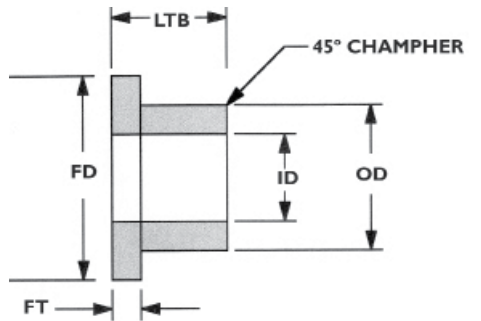
Flange Bearings

P/N	Nominal Size (ID)	(OD)	(LTB)	Flange OD/ Thick
NFB070903	7/16	9/16	3/16	.687/.062
NFB070908	7/16	9/16	1/2	.687/.062
NFB081004	1/2	5/8	1/4	.875/.062
NFB081005	1/2	5/8	5/16	.875/.062
NFB081006	1/2	5/8	3/8	.875/.062
NFB081008	1/2	5/8	1/2	.875/.062
NFB081010	1/2	5/8	5/8	.875/.062
NFB081012	1/2	5/8	3/4	.875/.062
NFB081016	1/2	5/8	1	.875/.062
NFB101308	5/8	13/16	1/2	1.063/.156
NFB101310	5/8	13/16	5/8	1.063/.156
NFB101312	5/8	13/16	3/4	1.063/.156
NFB101316	5/8	13/16	1	1.063/.156
NFB121610	3/4	1	5/8	1.250/.156
NFB121612	3/4	1	3/4	1.250/.156
NFB121616	3/4	1	1	1.250/.156
NFB121624	3/4	1	1-1/2	1.250/.156
NFB141812	7/8	1-1/8	3/4	1.375/.156
NFB141816	7/8	1-1/8	1	1.375/.156
NFB141824	7/8	1-1/8	1-1/2	1.375/.156
NFB162008	1	1-1/4	1/2	1.500/.188
NFB162010	1	1-1/4	5/8	1.500/.188
NFB162012	1	1-1/4	3/4	1.500/.188
NFB162016	1	1-1/4	1	1.500/.188
NFB162024	1	1-1/4	1-1/2	1.500/.188
NFB202412	1-1/4	1-1/2	3/4	1.750/.200
NFB202416	1-1/4	1-1/2	1	1.750/.200
NFB202424	1-1/4	1-1/2	1-1/2	1.750/.200
NFB242812	1-1/2	1-3/4	3/4	2.000/.125
NFB242816	1-1/2	1-3/4	1	2.000/.125
NFB242824	1-1/2	1-3/4	1-1/2	2.000/.125
NFB283212	1-3/4	2	3/4	2.250/.125
NFB283216	1-3/4	2	1	2.250/.125
NFB283224	1-3/4	2	1-1/2	2.250/.125
NFB323624	2	2-1/4	1-1/2	2.500/.125



NOTE
Material: MD Nylon (other materials are available upon request)

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Sleeve Bearings

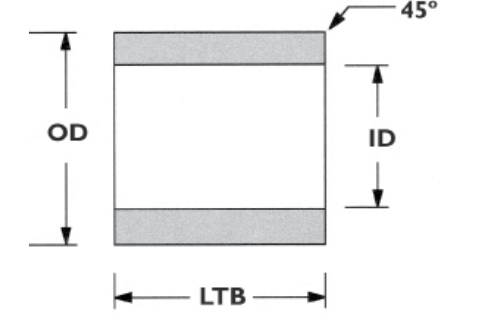
Sleeve Bearings

P/N	Nominal Size (ID)	(OD)	(LTB)
NSB020402	1/8	1/4	1/8
NSB020404	1/8	1/4	1/4
NSB020406	1/8	1/4	3/8
NSB060503	3/16	5/16	3/16
NSB060504	3/16	5/16	1/4
NSB060506	3/16	5/16	3/8
NSB060508	3/16	5/16	1/2
NSB040602	1/4	3/8	1/8
NSB040603	1/4	3/8	3/16
NSB040604	1/4	3/8	1/4
NSB040605	1/4	3/8	5/16
NSB040606	1/4	3/8	3/8
NSB040608	1/4	3/8	1/2
NSB040610	1/4	3/8	5/8
NSB040612	1/4	3/8	3/4
NSB050704	5/16	7/16	1/4
NSB050705	5/16	7/16	5/16
NSB050706	5/16	7/16	3/8
NSB050708	5/16	7/16	1/2
NSB050710	5/16	7/16	5/8
NSB050712	5/16	7/16	3/4
NSB060804	3/8	1/2	1/4
NSB060806	3/8	1/2	3/8
NSB060808	3/8	1/2	1/2
NSB060810	3/8	1/2	5/8
NSB060812	3/8	1/2	3/4
NSB060816	3/8	1/2	1
NSB070903	7/16	9/16	3/8
NSB070908	7/16	9/16	1/2
NSB081004	1/2	5/8	1/4



NOTE
Material: MD Nylon (other materials are available upon request)

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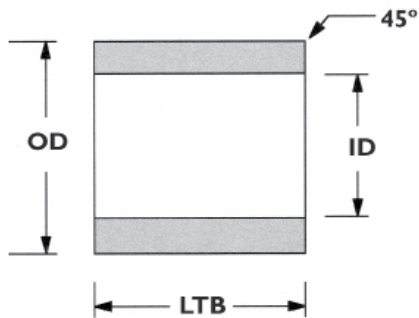
Sleeve Bearings

Sleeve Bearings

P/N	Nominal Size (ID)	(OD)	(LTB)
NSB081005	1/2	5/8	5/16
NSB081006	1/2	5/8	3/8
NSB081008	1/2	5/8	1/2
NSB081010	1/2	5/8	5/8
NSB081012	1/2	5/8	3/4
NSB081016	1/2	5/8	1
NSB101308	5/8	13/16	1/2
NSB101310	5/8	13/16	5/8
NSB101312	5/8	13/16	3/4
NSB101316	5/8	13/16	1
NSB121608	3/4	1	1/2
NSB121610	3/4	1	5/8
NSB121612	3/4	1	3/4
NSB121616	3/4	1	1
NSB121624	3/4	1	1-1/2
NSB121812	7/8	1-1/8	3/4
NSB121816	7/8	1-1/8	1
NSB162008	1	1-1/4	1/2
NSB162010	1	1-1/4	5/8
NSB162012	1	1-1/4	3/4
NSB162016	1	1-1/4	1
NSB162024	1	1-1/4	1-1/2
NSB202412	1-1/4	1-1/2	3/4
NSB202416	1-1/4	1-1/2	1
NSB202424	1-1/4	1-1/2	1-1/2
NSB242812	1-1/2	1-3/4	3/4
NSB242816	1-1/2	1-3/4	1
NSB242824	1-1/2	1-3/4	1-1/2
NSB283212	1-3/4	2	3/4
NSB283216	1-3/4	2	1
NSB283224	1-3/4	2	1-1/2
NSB323624	2	2-1/4	1-1/2
NSB323632	2	2-1/4	2



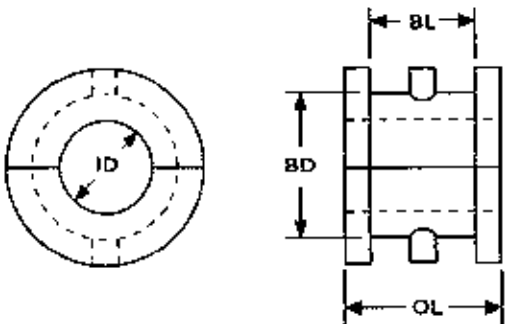
NOTE
Material: MD Nylon
(other materials are available upon request)



Hanger Bearings

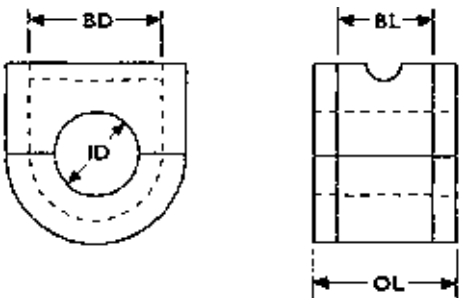
Hanger Bearings 226

P/N	Shaft Size (ID)	BD	BL	OL
HB22616	1	1-1/2	1-1/16	1-7/16
HB22624	1-1/2	2-1/8	1-9/16	1-15/16
HB22632	2	2-3/4	1-9/16	1-15/16
HB22639	2-7/16	3-1/4	2-3/8	2-15/16
HB22648	3	4	2-3/8	2-15/16
HB22655	3-7/16	4-3/4	3-1/8	3-15/16



Hanger Bearings 230

P/N	Shaft Size (ID)	BD	BL	OL
HB23024	1-1/2	2-1/4	1-3/8	1-15/16
HB23032	2	3-1/4	1-5/8	1-15/16
HB23039	2-7/16	4	1-5/8	2-15/16
HB23048	3	4-1/2	2-1/8	2-15/16
HB23055	3-7/16	4-7/8	2-11/16	3-15/16



NOTE
Material: UHMW-PE Nat.

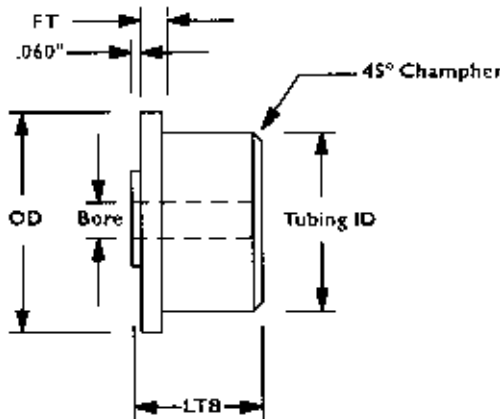
Rollend Bearings

Rollend Bearings

P/N	Tubing OD	Tubing ID	Gauge	C (LTB)	D (FT)
1/2GA20	1/2"	0.43	20	1/2	3/16
1/2GA18	1/2"	0.402	18	1/2	3/16
5/8GA20	5/8"	0.555	20	1/2	3/16
3/4GA20	3/4"	0.68	20	11/16	1/8
3/4GA18	3/4"	0.652	18	11/16	1/8
3/4GA16	3/4"	0.62	16	11/16	1/8
7/8GA20	7/8"	0.805	20	11/16	1/8
7/8GA16	7/8"	0.745	16	11/16	1/8
3/4EMT	0.922"	0.824	3/4" EMT	11/16	1/8
100GA20	1"	0.93	20	3/4	1/8
100GA18	1"	0.902	18	3/4	1/8
100GA16	1"	0.87	16	3/4	1/8
3/4SCH40	1.05"	0.824	3/4" Sch 40	3/4	1/8
112GA17	1-1/8"	1.009	17	3/4	1/8
112GA16	1-1/8"	0.995	16	3/4	1/8
100EMT	1.163"	1.049	1" EMT	3/4	1/8
125GA20	1-1/4"	1.18	20	3/4	1/8
125GA18	1-1/4"	1.152	18	3/4	1/8
100SCH40	1.315"	1.049	1" Sch 40	3/4	1/8
137GA18	1-3/8"	1.277	18	1	1/8
137GA16	1-3/8"	1.245	16	1	1/8
150GA20	1-1/2"	1.43	20	1	3/16
150GA16	1-1/2"	1.37	16	1.5	3/16
125EMT	1.51"	1.38	1-1/4" EMT	1.5	3/16
162GA20	1-5/8"	1.555	20	1.5	3/16
162GA18	1-5/8"	1.527	18	1.5	3/16
162GA16	1-5/8"	1.495	16	1.5	3/16
125SCH40	1.66"	1.8	1-1/4 Sch 40	1.5	3/16
150EMT	1.74"	1.61	1-1/2 EMT	1.5	3/16
175GA20	1-3/4"	1.68	20	1.5	3/16
175GA16	1-3/4"	1.62	16	1.5	3/16
175GA13	1-3/4"	1.56	13	1.5	3/16
175GA11	1-3/4"	1.51	11	1.5	3/16
187GA20	1-7/8"	1.805	20	1.5	3/16
187GA18	1-7/8"	1.777	18	1.5	3/16
187GA16	1-7/8"	1.745	16	1.5	3/16
150SCH40	1.9"	1.61	1-1/2 Sch 40	1.5	3/16
150SCH80	1.9"	1.5	1-1/2 Sch 80	1.5	3/16
190GA16	1.9"	1.77	16	1.5	3/16
200GA20	2"	1.93	20	1.625	5/16
200GA18	2"	1.902	18	1.625	5/16
200GA16	2"	1.87	16	1.625	5/16
200EMT	2.197"	2.067	2" EMT	1.625	5/16
225GA20	2-1/4"	2.18	20	1.625	5/16
225GA18	2-1/4"	2.152	8	1.625	5/16
225GA16	2-1/4"	2.12	16	1.625	5/16



NOTE
UHMW-PE Nat.



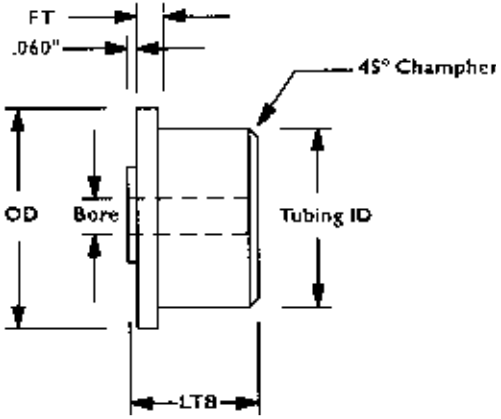
Rollend Bearings

Rollend Bearings

P/N	Tubing OD	Tubing ID	Gauge	C (LTB)	D (FT)
225GA14	2-1/4"	2.084	14	1-5/8	5/16
225GA13	2-1/4"	2.060	13	1-5/8	5/16
225GA11	2-1/4"	2.010	11	1-5/8	5/16
225GA10	2-1/4"	1.982	10	1-5/8	5/16
237GA16	2-3/8"	2.245	16	1-5/8	5/16
237GA11	2-3/8"	2.135	11	1-5/8	5/16
200SCH40	2.375"	2.067	2 SCH. 40	1-5/8	5/16
200SCH80	2.375"	1.939	2 SCH. 80	1-5/8	5/16
250GA16	2-1/2"	2.370	16	1-5/8	5/16
250GA14	2-1/2"	2.334	14	1-5/8	5/16
250GA13	2-1/2"	2.310	13	1-5/8	5/16
250GA11	2-1/2"	2.260	11	1-5/8	5/16
275GA16	2-3/4"	2.620	16	1-5/8	5/16
275GA11	2-3/4"	2.510	11	1-5/8	5/16
250SCH40	2.875"	2.469	2-1/2 SCH. 40	1-5/8	5/16
300GA16	3.000"	2.870	16	1-3/4	5/16
300GA13	3.000"	2.810	13	1-3/4	5/16
300GA11	3.000"	2.760	11	1-3/4	5/16
325GA16	3-1/4"	3.120	16	1-3/4	5/16
325GA13	3-1/4"	3.060	13	1-3/4	5/16
350GA13	3-1/2"	3.310	13	1-3/4	5/16
350GA11	3-1/2"	3.260	11	1-3/4	5/16
300SCH40	3.500"	3.068	3 SCH. 40	1-3/4	5/16
300SCH80	3.500"	2.900	3 SCH. 80	1-3/4	5/16
375GA16	3-3/4"	3.620	16	1-3/4	5/16
400GA16	4.000"	3.870	16	1-3/4	5/16
400GA14	4.000"	3.834	14	1-3/4	5/16
350SCH40	4.000"	3.548	3-1/2 SCH. 40	1-3/4	5/16



NOTE
UHMW-PE Nat.



Rollend Bearing Adapters

P/N	Item	Description	Material	Dimensions
REB1007	Hex Adapter	7/16" hex assy.	Nylon	5/8" dia. x 5/16", 1/16" flange
REB1411	Hex Adapter	11/16" hex assy.	Nylon	7/8" dia. x 1-13/16", 3/32" flange
REB0824	Conveyor or Roll Pin	use w/ blind bore	Stainless Steel	1/2" dia. x 1-1/2"
REB0812	Flange Roll Pin	use w/ blind bore	Stainless Steel	1/2" dia. x 3/4" from flange

Polymer Spherical Bearings

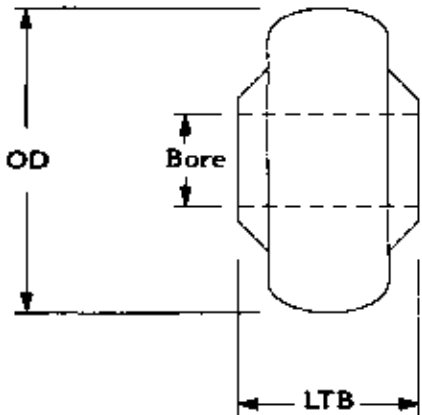
Spherical Bearings Inserts

Part # w/ UHMW Insert	Part # w/ Nyoil Insert	Series	Bore	OD	Wide
SBI204-12	SBI204-12N	204	3/4"	1.85"	1-1/4"
SBI205-13	SBI205-13N	205	13/16"	2.047"	1-1/4"
SBI205-14	SBI205-14N	205	7/8"	2.047"	1-1/4"
SBI205-15	SBI205-15N	205	15/16"	2.047"	1-1/4"
SBI205-16	SBI205-16N	205	1"	2.047"	1-1/4"
SBI206-17	SBI206-17N	206	1-1/16"	2.441"	1-3/8"
SBI206-18	SBI206-18N	206	1-1/8"	2.441"	1-3/8"
SBI206-19	SBI206-19N	206	1-3/16"	2.441"	1-3/8"
SBI207-20	SBI207-20N	207	1-1/4"	2.835"	1-1/2"
SBI207-21	SBI2107-21N	207	1-5/16"	2.835"	1-1/2"
SBI207-22	SBI207-22N	207	1-3/8"	2.835"	1-1/2"
SBI207-23	SBI207-23N	207	1-7/16"	2.835"	1-1/2"
SBI208-24	SBI208-24N	208	1-1/2"	3.150"	1-1/2"
SBI208-25	SBI208-25N	208	1-9/16"	3.150"	1-1/2"



Spherical Bearings with S.S. Shaft Guards

Part # w/ UHMW Insert	Part # w/ Nyoil Insert	Series	Bore	OD	Wide	L
SBI204-12SP	SBI204-12SPN	204	3/4"	1.85"	.81"	1.44"
SBI205-13SP	SBI205-13SPN	205	13/16"	2.047"	.80"	1.50"
SBI205-14SP	SBI205-14SPN	205	7/8"	2.047"	.80"	1.50"
SBI205-15SP	SBI205-15SPN	205	15/16"	2.047"	.80"	1.50"
SBI205-16SP	SBI205-16SPN	205	1"	2.047"	.80"	1.50"
SBI206-17SP	SBI206-17SPN	206	1-1/16"	2.441"	1.11"	1.82"
SBI206-18SP	SBI206-18SPN	206	1-1/8"	2.441"	1.11"	1.82"
SBI206-19SP	SBI206-19SPN	206	1-3/16"	2.441"	1.11"	1.82"
SBI207-20SP	SBI207-20SPN	207	1-1/4"	2.835"	1.14"	1.96"
SBI207-21SP	SBI2107-21SPN	207	1-5/16"	2.835"	1.14"	1.96"
SBI207-22SP	SBI207-22SPN	207	1-3/8"	2.835"	1.14"	1.96"
SBI207-23SP	SBI207-2S3SPN	207	1-7/16"	2.835"	1.14"	1.96"
SBI208-24SP	SBI208-24SPN	208	1-1/2"	3.150"	1.23"	2.03"
SBI208-25SP	SBI208-25SPN	208	1-9/16"	3.150"	1.23"	2.03"



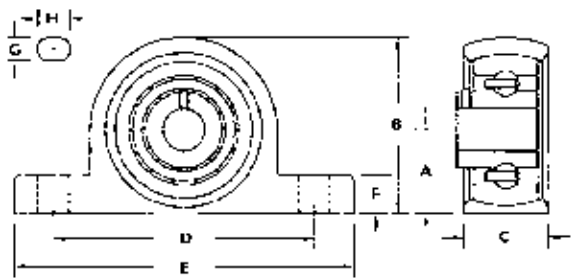
Pillow Block Mounted Bearings

Pillow Block Flange Bearings

Part # w/ UHMW Insert	Part # w/ Nyoil Insert	Shaft Diameter	Series	A	B	C	D	E	F	G	H
PBH204-12	PBH204-12N	3/4"	204	5"	3-3/4"	1-5/16"	2-9/16"	1-1/2"	1/2"	7/16"	3/4"
PBH205-13	PBH205-13N	13/16"	205	5-3/8"	4"	1-5/16"	2-5/8"	1-7/16"	1/2"	7/16"	25/32"
PBH205-14	PBH205-14N	7/8"	205	5-3/8"	4"	1-5/16"	2-5/8"	1-7/16"	1/2"	7/16"	25/32"
PBH205-15	PBH205-15N	15/16"	205	5-3/8"	4"	1-5/16"	2-5/8"	1-7/16"	1/2"	7/16"	25/32"
PBH205-16	PBH205-16N	1"	205	5-3/8"	4"	1-5/16"	2-5/8"	1-7/16"	1/2"	7/16"	25/32"
PBH206-17	PBH206-17N	1-1/6"	206	6-1/4"	4-5/8"	1-11/16"	3-5/16"	1-3/4"	11/16"	9/16"	15/16"
PBH206-18	PBH206-18N	1-1/8"	206	6-1/4"	4-5/8"	1-11/16"	3-5/16"	1-3/4"	11/16"	9/16"	15/16"
PBH206-19	PBH206-19N	1-3/16"	206	6-1/4"	4-5/8"	1-11/16"	3-5/16"	1-3/4"	11/16"	9/16"	15/16"
PBH207-20	PBH207-20N	1-1/4"	207	6-3/8"	4-1/8"	1-13/16"	3-5/8"	1-3/4"	11/16"	9/16"	15/16"
PBH207-21	PBH207-21N	1-5/16"	207	6-3/8"	4-1/8"	1-13/16"	3-5/8"	1-3/4"	11/16"	9/16"	15/16"
PBH207-22	PBH207-22N	1-3/8"	207	6-3/8"	4-1/8"	1-13/16"	3-5/8"	1-3/4"	11/16"	9/16"	15/16"
PBH207-23	PBH207-23N	1-7/16"	207	6-3/8"	4-1/8"	1-13/16"	3-5/8"	1-3/4"	11/16"	9/16"	15/16"

Pillow Block Flange Bearing with S.S. Shaft Guards

Part # w/ UHMW Insert	Part # w/ Nyoil Insert	Shaft Diameter	Series	A	B	C	D	E	F	G	H	M
PBH204-12SP	PBH204-12SPN	3/4"	204	5"	3-3/4"	1-5/16"	2-9/16"	1-1/2"	1/2"	7/16"	3/4"	.81"
PBH205-13SP	PBH205-13SPN	13/16"	205	5-3/8"	4"	1-5/16"	2-5/8"	1-7/16"	1/2"	7/16"	25/32"	.80"
PBH205-14SP	PBH205-14SPN	7/8"	205	5-3/8"	4"	1-5/16"	2-5/8"	1-7/16"	1/2"	7/16"	25/32"	.80"
PBH205-15SP	PBH205-15SPN	15/16"	205	5-3/8"	4"	1-5/16"	2-5/8"	1-7/16"	1/2"	7/16"	25/32"	.80"
PBH205-16SP	PBH205-16SPN	1"	205	5-3/8"	4"	1-5/16"	2-5/8"	1-7/16"	1/2"	7/16"	25/32"	.80"
PBH206-17SP	PBH206-17SPN	1-1/6"	206	6-1/4"	4-5/8"	1-11/16"	3-5/16"	1-3/4"	11/16"	9/16"	15/16"	1.11"
PBH206-18SP	PBH206-18SPN	1-1/8"	206	6-1/4"	4-5/8"	1-11/16"	3-5/16"	1-3/4"	11/16"	9/16"	15/16"	1.11"
PBH206-19SP	PBH206-19SPN	1-3/16"	206	6-1/4"	4-5/8"	1-11/16"	3-5/16"	1-3/4"	11/16"	9/16"	15/16"	1.11"
PBH207-20SP	PBH207-20SPN	1-1/4"	207	6-3/8"	4-1/8"	1-13/16"	3-5/8"	1-3/4"	11/16"	9/16"	15/16"	1.14"
PBH207-21SP	PBH207-21SPN	1-5/16"	207	6-3/8"	4-1/8"	1-13/16"	3-5/8"	1-3/4"	11/16"	9/16"	15/16"	1.14"
PBH207-22SP	PBH207-22SPN	1-3/8"	207	6-3/8"	4-1/8"	1-13/16"	3-5/8"	1-3/4"	11/16"	9/16"	15/16"	1.14"
PBH207-23SP	PBH207-23SPN	1-7/16"	207	6-3/8"	4-1/8"	1-13/16"	3-5/8"	1-3/4"	11/16"	9/16"	15/16"	1.14"



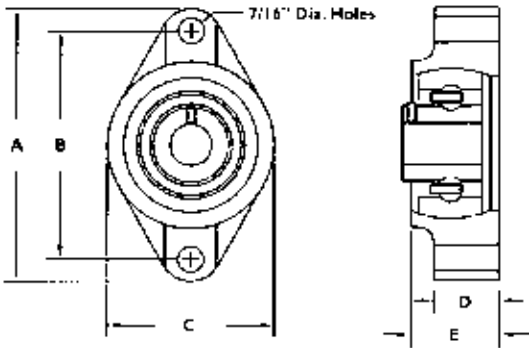
2 Bolt Flange Mounted Bearings

2 Bolt Flange Bearings

Part # w/ UHMW Insert	Part # w/ Nyoil Insert	Shaft Diameter	Series	A	B	C	D	E	F	G
2FLH204-12	2FLH204-12N	3/4"	204	4-13/32"	3-17/32"	1/2"	3/4"	1-3/8"	7/16"	2-3/8"
2FLH205-13	2FLH205-13N	13/16"	205	5"	3-7/8"	1/2"	23/32"	1-11/32"	7/16"	2-3/4"
2FLH205-14	2FLH205-14N	7/8"	205	5"	3-7/8"	1/2"	23/32"	1-11/32"	7/16"	2-3/4"
2FLH205-15	2FLH205-15N	15/16"	205	5"	3-7/8"	1/2"	23/32"	1-11/32"	7/16"	2-3/4"
2FLH205-16	2FLH205-16N	1"	205	5"	3-7/8"	1/2"	23/32"	1-11/32"	7/16"	2-3/4"
2FLH206-17	2FLH206-17N	1-1/16"	206	5-9/16"	4-19/32"	1/2"	13/16"	1-1/2"	7/16"	3-1/4"
2FLH206-18	2FLH206-18N	1-1/8"	206	5-9/16"	4-19/32"	1/2"	13/16"	1-1/2"	7/16"	3-1/4"
2FLH206-19	2FLH206-19N	1-3/16"	206	5-9/16"	4-19/32"	1/2"	13/16"	1-1/2"	7/16"	3-1/4"

2 Bolt Flange Bearings with S.S. Shaft Guards

Part # w/ UHMW Insert	Part # w/ Nyoil Insert	Shaft Diameter	Series	A	B	C	D	E	F	G
2FLH204-12SP	2FLH204-12SPN	3/4"	204	4-13/32"	3-17/32"	1/2"	3/4"	1-3/8"	7/16"	2-3/8"
2FLH205-13SP	2FLH205-13SPN	13/16"	205	5"	3-7/8"	1/2"	23/32"	1-11/32"	7/16"	2-3/4"
2FLH205-14SP	2FLH205-14SPN	7/8"	205	5"	3-7/8"	1/2"	23/32"	1-11/32"	7/16"	2-3/4"
2FLH205-15SP	2FLH205-15SPN	15/16"	205	5"	3-7/8"	1/2"	23/32"	1-11/32"	7/16"	2-3/4"
2FLH205-16SP	2FLH205-16SPN	1"	205	5"	3-7/8"	1/2"	23/32"	1-11/32"	7/16"	2-3/4"
2FLH206-17SP	2FLH206-17SPN	1-1/16"	206	5-9/16"	4-19/32"	1/2"	13/16"	1-1/2"	7/16"	3-1/4"
2FLH206-18SP	2FLH206-18SPN	1-1/8"	206	5-9/16"	4-19/32"	1/2"	13/16"	1-1/2"	7/16"	3-1/4"
2FLH206-19SP	2FLH206-19SPN	1-3/16"	206	5-9/16"	4-19/32"	1/2"	13/16"	1-1/2"	7/16"	3-1/4"



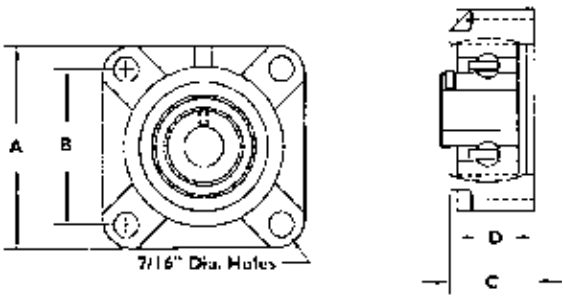
4 Bolt Flange Mounted Bearings

4 Bolt Flange Bearings

Part # w/ UHMW Insert	Part # w/ Nyoil Insert	Shaft Diameter	Series	A	B	C	D	E	F	G
4FLH204-12	4FLH204-12N	3/4"	204	3-3/8"	2-1/2"	1/2"	3/4"	1-3/8"	7/16"	2-3/8"
4FLH205-13	4FLH205-13N	13/16"	205	3-3/4"	2-3/4"	1/2"	3/4"	1-3/8"	7/16"	2-3/4"
4FLH205-14	4FLH205-14N	7/8"	205	3-3/4"	2-3/4"	1/2"	3/4"	1-3/8"	7/16"	2-3/4"
4FLH205-15	4FLH205-15N	15/16"	205	3-3/4"	2-3/4"	1/2"	3/4"	1-3/8"	7/16"	2-3/4"
4FLH205-16	4FLH205-16N	1"	205	3-3/4"	2-3/4"	1/2"	3/4"	1-3/8"	7/16"	2-3/4"
4FLH206-17	4FLH206-17N	1-1/16"	206	4-1/4"	3-1/4"	1/2"	13/16"	1-5/8"	7/16"	3-1/4"
4FLH206-18	4FLH206-18N	1-1/8"	206	4-1/4"	3-1/4"	1/2"	13/16"	1-5/8"	7/16"	3-1/4"
4FLH206-19	4FLH206-19N	1-3/16"	206	4-1/4"	3-1/4"	1/2"	13/16"	1-5/8"	7/16"	3-1/4"

4 Bolt Flange Bearings with S.S. Shaft Guards

Part # w/ UHMW Insert	Part # w/ Nyoil Insert	Shaft Diameter	Series	A	B	C	D	E	F	G
4FLH204-12SP	4FLH204-12SPN	3/4"	204	3-3/8"	2-1/2"	1/2"	3/4"	1-3/8"	7/16"	2-3/8"
4FLH205-13SP	4FLH205-13SPN	13/16"	205	3-3/4"	2-3/4"	1/2"	3/4"	1-3/8"	7/16"	2-3/4"
4FLH205-14SP	4FLH205-14SPN	7/8"	205	3-3/4"	2-3/4"	1/2"	3/4"	1-3/8"	7/16"	2-3/4"
4FLH205-15SP	4FLH205-15SPN	15/16"	205	3-3/4"	2-3/4"	1/2"	3/4"	1-3/8"	7/16"	2-3/4"
4FLH205-16SP	4FLH205-16SPN	1"	205	3-3/4"	2-3/4"	1/2"	3/4"	1-3/8"	7/16"	2-3/4"
4FLH206-17SP	4FLH206-17SPN	1-1/16"	206	4-1/4"	3-1/4"	1/2"	13/16"	1-5/8"	7/16"	3-1/4"
4FLH206-18SP	4FLH206-18SPN	1-1/8"	206	4-1/4"	3-1/4"	1/2"	13/16"	1-5/8"	7/16"	3-1/4"
4FLH206-19SP	4FLH206-19SPN	1-3/16"	206	4-1/4"	3-1/4"	1/2"	13/16"	1-5/8"	7/16"	3-1/4"

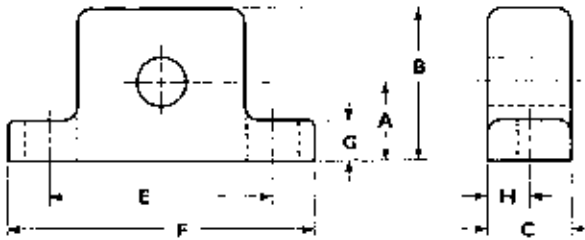


Solid Bearings

Pillow Block Bearings

P/N	Nom. Bore	A	B	C	E	F	G	H	J	K	Bolt Size
UPB008	1/2"	1-3/16"	2-3/16"	1-1/2"	3-3/8"	4-3/4"	5/8"	3/4"	7/16"	7/8"	3/8"
UPB010	5/8"	1-3/16"	2-3/16"	1-1/2"	3-3/8"	4-3/4"	5/8"	3/4"	7/16"	7/8"	3/8"
UPB012	3/4"	1-5/16"	2-1/2"	1-1/2"	3-3/4"	5-1/4"	5/8"	3/4"	7/16"	15/16"	3/8"
UPB014	7/8"	1-7/16"	2-3/4"	1-1/2"	4"	5-1/2"	3/4"	3/4"	7/16"	15/16"	3/8"
UPB015	15/16"	1-7/16"	2-3/4"	1-1/2"	4"	5-1/2"	3/4"	3/4"	7/16"	15/16"	3/8"
UPB016	1"	1-7/16"	2-3/4"	1-1/2"	4"	5-1/2"	3/4"	3/4"	7/16"	15/16"	3/8"
UPB017	1-1/16"	1-11/16"	3-1/4"	1-1/2"	4-3/4"	6-1/4"	7/8"	3/4"	9/16"	1-1/16"	1/2"
UPB018	1-1/8"	1-11/16"	3-1/4"	1-1/2"	4-3/4"	6-1/4"	7/8"	3/4"	9/16"	1-1/16"	1/2"
UPB019	1-3/16"	1-11/16"	3-1/4"	1-1/2"	4-3/4"	6-1/4"	7/8"	3/4"	9/16"	1-1/16"	1/2"
UPB020	1-1/4"	1-7/8"	3-5/8"	1-3/4"	5"	6-1/2"	7/8"	7/8"	9/16"	1-1/16"	1/2"
UPB023	1-7/16"	1-7/8"	3-5/8"	1-3/4"	6-1/5"	5"	7/8"	7/8"	9/16"	1-1/16"	1/2"
UPB024	1-1/2"	2"	4"	1-3/4"	5-3/8"	7"	7/8"	1"	9/16"	1-1/16"	1/2"
UPB028	1-3/4"	2-1/8"	4-1/2"	2"	5-3/4"	7-1/2"	7/8"	1"	9/16"	1-1/16"	1/2"
UPB031	1-15/16"	2-1/4"	4-1/2"	2"	6-1/4"	8"	7/8"	1"	11/16"	1-3/16"	5/8"

Solid UHMW-PE mounted bearings offer a low cost solution to caustic environments that would normally attack their steel counter parts. UHMW-PE does not corrode or contaminate environments and they do not need to be lubricated.



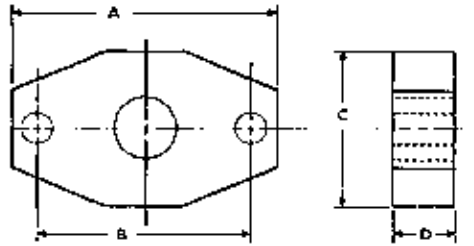
NOTE
Material: UHMW-PE Nat.

Solid Bearings

2-Bolt Bearings

P/N	Nom. Bore	A	B	C	D	Max. Speed	Max. load (lbs.)
2FL012	3/4"	4-7/16"	3-9/16"	2-1/2"	1-1/2"	250	900
2FL016	1"	4-15/16"	3-7/8"	2-3/4"	1-1/2"	195	1220
2FL019	1-3/16"	5-5/8"	4-5/8"	3-1/4"	1-1/2"	160	1420
2FL020	1-1/4"	6-1/8"	5-1/8"	3-5/8"	1-3/4"	150	1750
2FL023	1-7/16"	6-1/8"	5-1/8"	3-5/8"	1-3/4"	135	2025
2FL024	1-1/2"	6-13/16"	5-5/8"	4"	2"	125	2125

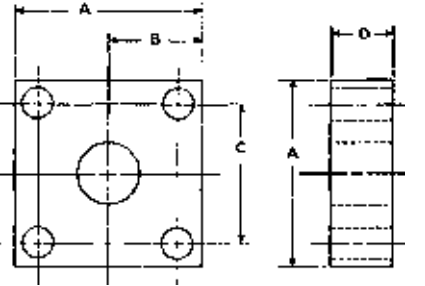
NOTE
Material: UHMW-PE Nat.



4-Bolt Bearings

P/N	Nom. Bore	A	B	C	D	Max. Speed	Max. load (lbs.)
4FL012	3/4"	3-3/8"	1-11/16"	2-1/2"	1-1/4"	250	900
4FL016	1"	3-3/4"	1-7/8"	2-3/4"	1-1/4"	190	1200
4FL019	1-3/16"	4-1/4"	2-1/8"	3-1/4"	1-1/2"	160	1420
4FL020	1-1/4"	4-1/4"	2-1/8"	3-5/8"	1-1/2"	150	1750
4FL023	1-7/16"	4-3/4"	2-3/8"	3-5/8"	1-1/2"	130	2000
4FL024	1-1/2"	5-1/8"	2-9/16"	4"	1-3/4"	120	2100
4FL031	1-15/16"	5-1/2"	2-3/4"	4-3/8"	1-3/4"	80	2150

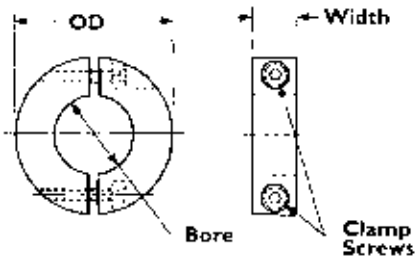
NOTE
Material: UHMW-PE Nat.



Split Clamping Collars

Split Clamping Collars

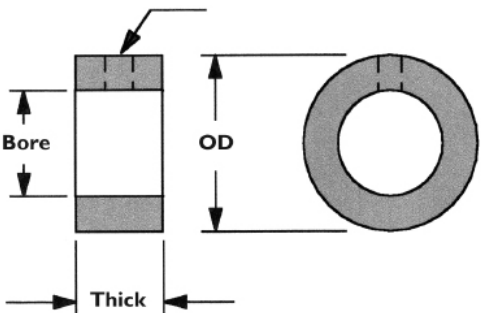
P/N	Bore Size	OD	Width
NSCC0104	1/4"	1"	3/8"
NSCC0105	5/16"	1"	3/8"
NSCC0106	3/8"	1-1/4"	1/2"
NSCC0107	7/16"	1-1/4"	1/2"
NSCC0108	1/2"	1-3/8"	9/16"
NSCC0109	9/16"	1-3/8"	9/16"
NSCC0110	5/8"	1-5/8"	5/8"
NSCC0112	3/4"	1-3/4"	5/8"
NSCC0114	7/8"	2"	3/4"
NSCC0114	7/8"	2"	3/4"
NSCC0116	1"	2-1/8"	3/4"
NSCC0119	1-3/16"	2-5/16"	3/4"
NSCC0120	1-1/4"	2-3/8"	3/4"
NSCC0122	1-3/8"	2-1/2"	3/4"
NSCC0123	1-7/16"	2-5/8"	3/4"
NSCC0124	1-1/2"	2-5/8"	3/4"
NSCC0126	1-5/8"	3"	15/16"
NSCC0128	1-3/4"	3-1/8"	15/16"
NSCC0130	1-7/8"	3-1/4"	15/16"
NSCC0131	1-15/16"	3-1/4"	15/16"
NSCC0132	2"	3-3/8"	15/16"
NSCC0135	2-3/16"	3-5/8"	15/16"
NSCC0136	2-1/4"	3-5/8"	15/16"
NSCC0139	2-7/16"	4-1/8"	1-1/8"
NSCC0140	2-1/2"	4-1/8"	1-1/8"
NSCC0144	2-3/4"	4-3/8"	1-1/8"
NSCC0148	3"	4-1/2"	1-1/8"
NSCC0152	3-1/4"	4-3/4"	1-1/8"
NSCC0156	3-1/2"	5"	1-1/8"
NSCC0160	3-3/4"	5-1/4"	1-1/8"
NSCC0164	4"	5-1/2"	1-1/8"



Shaft Collars

Solid Shaft Collars

P/N	Bore Size	OD	Width
NSC0004	1/4"	3/4"	7/16"
NSC0005	5/16"	7/8"	7/16"
NSC0006	3/8"	7/8"	7/16"
NSC0007	7/16"	7/8"	7/16"
NSC0008	1/2"	1"	7/16"
NSC0009	9/16"	1-1/8"	1/2"
NSC0010	5/8"	1-1/8"	1/2"
NSC0012	3/4"	1-1/4"	9/16"
NSC0014	7/8"	1-1/2"	9/16"
NSC0016	1"	1-5/8"	5/8"
NSC0019	1-3/16"	2"	11/16"
NSC0020	1-1/4"	2"	11/16"
NSC0022	1-3/8"	2-1/8"	3/4"
NSC0023	1-7/16"	2-1/4"	3/4"
NSC0024	1-1/2"	2-1/4"	3/4"
NSC0026	1-5/8"	2-1/2"	13/16"
NSC0028	1-3/4"	2-3/4"	7/8"
NSC0030	1-7/8"	2-3/4"	7/8"
NSC0031	1-15/16"	3"	7/8"
NSC0032	2"	3"	7/8"
NSC0035	2-3/16"	3-1/4"	15/16"
NSC0036	2-1/4"	3-1/4"	15/16"
NSC0039	2-7/16"	3-1/2"	1"
NSC0040	2-1/2"	3-1/2"	1"
NSC0044	2-3/4"	3-3/4"	1"
NSC0048	3"	4-1/4"	1-1/8"
NSC0052	3-1/4"	4-1/2"	1-1/8"
NSC0056	3-1/2"	4-3/4"	1-1/8"
NSC0060	3-3/4"	5"	1-1/8"
NSC0064	4"	5-1/4"	1-1/8"



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