

# BREWTON IRON • WORKS • LLC



Made in USA



## Brewton Iron Works, LLC

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Cast Tooth Sprockets CNC

Flame Cut Sprockets

Water Treatment Products

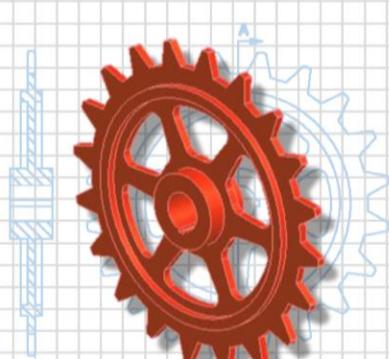
Roller Chain Sprockets

Pillow Block Bearings

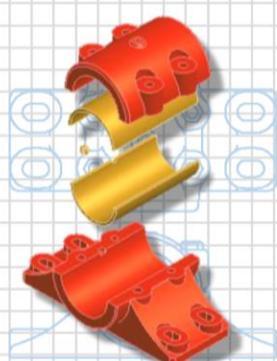
Take-Up Bearings

Rollers, Wheels, & Idlers

Traveling Water Screen  
Sprockets



SPROCKETS



KEY LOCKED  
BRONZE BUSHED  
PILLOW BLOCKS



CHAIN  
TIGHTENERS



SET COLLARS



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## Warranty Information:

Brewton Iron Works will warrant that the products furnished will be free from defect of material and workmanship under normal use and service for a period of ninety days after delivery of the products by the Company. The Company's sole obligation under this warranty shall be to repair or replace any defective product or part which is returned. Transportation will be prepaid within the period mentioned above where examination proves to the satisfaction of the Company that the part or product is defective. This warranty shall not apply to any product or part which has been subjected to misuse, negligence or accident. The Company, Brewton Iron Works, LLC, shall not be responsible for any special or consequential damages. This warranty, as set forth, is in lieu of all other warranties either expressed or implied. The seller does not warrant that its manufactured products are merchantable or fit for a purpose.

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**OUR PROMISE TO YOU****OUR GUARANTEE**

Brewton Iron Works LLC has built its reputation upon its superior cast iron chilled rim sprockets for four generations.

***We are so sure of our product's quality, that we offer the industry's only product warranty on cast iron chilled rim sprockets.***

Specifically, we will repair or replace any defective product or part which is returned for a period of ninety days after delivery of the products. We also guarantee that you will have a minimum 360 Brinell hardness on all our **BrutAlloy™** cast iron chilled rim sprockets.

We know of no other manufacturer of cast tooth sprockets in the United States today that offers such a warranty.

If you demand superior quality that results in less downtime for your facility, then you need to factor that in when considering your next purchase.

We realize that **BrutAlloy™** cast iron chilled rim sprockets are not the cheapest on the market today, but they are the best. You have our guarantee in writing.



This is a sprocket made without **BrutAlloy™**. Note the absence of any chill at the top. The hardness is 228 BHN



This is a typical chilled sprocket, cast with **BrutAlloy™**. The bright silver metal at the top of the sprocket is white iron. The depth continues beneath the chain saver to the gray area. The hardness is over 400 BHN.

**If you're not using BrutAlloy™, it's costing you money.**

**Brewton Iron Works, LLC**

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**Website: [brewtonironworks.com](http://brewtonironworks.com)**

**BrutAlloy™ Cast Iron Chilled Rim Sprockets**

*Advanced Metallurgical Technology*

**Brewton Iron Works LLC**

**Serving Industry since 1901 with  
Products Made in America**

## WHAT IS BrutAlloy™?

**BrutAlloy™** is an alloy and processing combination, developed by Rick Wilson, the fourth-generation president of Brewton Iron Works LLC. The alloying additions and exacting methods of production are closely held proprietary procedures exclusive to the cast iron chilled rim sprockets poured only by Brewton Iron Works LLC.

The original metallurgy was developed in the 1950's by Mr. Ben Tyus, the melting foreman of Brewton Iron Works. However, the alloy combination he used became too expensive as the price of alloys went up, so the process was dropped in the early 1970's.

In the early 1980's Brewton Iron Works needed to improve its products for the water treatment industry. Trial and error resulted in a new method of making chilled iron. The development took almost 3 years before final approval was given for use in all cast iron chilled rim sprockets.

## WHY IS BrutAlloy™ SUPERIOR?

**BrutAlloy™** is designed to give the ultimate in wear properties, including degree of hardness and depth of chill, while avoiding the brittleness that can be encountered with other hardness related metallurgies.

With **BrutAlloy™**, hardness ranges of 360BHN to 440 BHN are easily maintained in all varieties of chilled rim sprockets. In combination with a 3/16" to 3/8" depth of chill, **BrutAlloy™** is superior to other metallurgies in the chilled rim sprocket market.

***As such, we offer the industry's only guaranteed minimum hardness of 360 BHN on all of our cast iron chilled rim sprockets.***

## HOW CAN BrutAlloy™ HELP YOU?

Smart purchasing agents and maintenance managers recognize that downtime is costly. To combat this, some will stock multiple components, such as sprockets, to reduce this cost. But inventories are costly as well.

Because **BrutAlloy™** produces a superior product with longer wear properties, many mills have been able to reduce their sprocket inventories by as much as 75% on single items because of the decreased downtimes as a result of converting over to **BrutAlloy™** sprockets.

Our quality is recognized nationally. In fact, due to our quality and expertise, Brewton Iron Work's sprockets are specified on the drawings of some of the largest and most demanding municipalities in the United States.

## HOW DOES BrutAlloy™ COMPARE?

Some companies offer a product made of cast iron that uses tellurium wash to produce a thin surface chill. No metal chills are used to enhance hardness or chill depth and no alloys are added to promote chilled iron. As such, an average maximum degree of hardness of up to 260 BHN is all that is possible. The depth of chill is usually between 1/100" to 1/32", versus the 3/16" to 3/8" depth of chill that Brewton manufactures. Depending on the application, these sprockets can wear up to three to four times faster than those made with **BrutAlloy™**.

Worse still, are cast tooth sprockets poured with a standard grade of cast iron without any metal chill, chilling agent, or chill inducing metallurgy. For example, drag chain sprockets poured with only cast iron have a BHN range of 143 to 199 BHN. The wear characteristics of this product can be measured in months. Its low tensile and hardness properties are not only subject to excessive wear, but to breakage as well.

All of these processes produce cheaper and more inferior products compared to alloyed cast iron chilled rim sprockets cast with **BrutAlloy™**.

Brewton's process involves the use of metal chills in combination with our **BrutAlloy™** metallurgy. It's more expensive to produce, but the end product is superior to other products cast with any other process available.



**SPROCKET TABLES**

The Sprocket Tables in this catalog have been designed for easy reading and quick pricing. Listed is a partial interchange, numbers of teeth, type construction, pitch diameters, and maximum bores at standard price. Standard Hub Data for both Solid and Splits are found within their corresponding catalog sections. A Sprocket Index is part of this catalog. Listed are all sprocket patterns standard to Brewton production. However, the Index is not a complete interchange listing. Other non-listed chains may operate on available patterns. Brewton also continues to expand its sprocket offering. If a specific requirement is not indexed, contact the factory.

**BREWTON SPROCKETS**

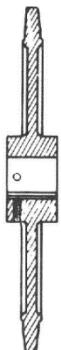
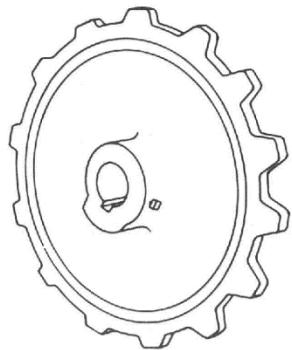
Brewton sprockets are carefully designed and produced to provide exceptional service in all applications. The special materials used in Brewton sprocket construction, and the engineering know-how which Brewton has acquired during nearly a century in the foundry and metalworking industry, are your assurances of receiving from Brewton the finest quality sprockets available.

Each Brewton sprocket has certain variable construction characteristics, which depend on the style and particular requirements of the sprocket. The Sprocket Tables presented after each section of this catalog specify most of the standard characteristics normally provided with stock sprockets, but Brewton sprockets may be furnished with a variety of special features available at an extra cost. Special features, or characteristics other than those found on standard sprockets, must be stated when ordering. The following table defines what is standard, and what is special.

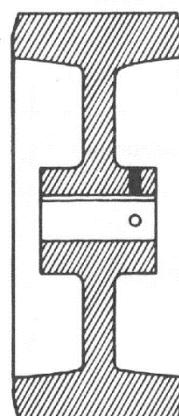
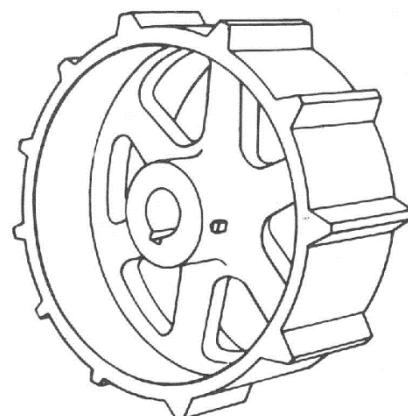
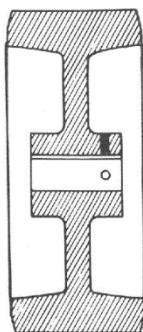
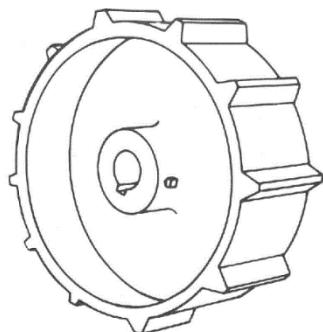
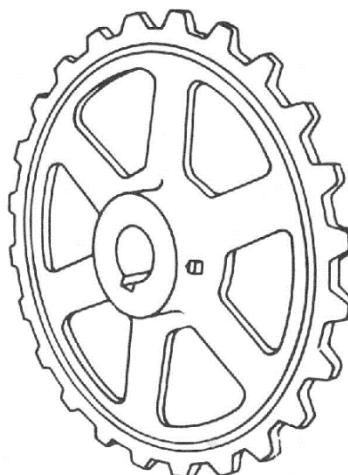
CHARACTERISTIC OR FEATURE	STANDARD	SPECIAL
Sprocket Type (See pages 7-8)	<p>The type or types listed as available for a sprocket of a particular number of teeth in the Sprocket Tables.</p> <p>These six types are listed:</p> <p>Plate Center    Hunting Tooth    Spoke Arm</p> <p>Segmental Rim    Chain Saver    Wide Flange</p>	<p>Any type other than listed types in Sprocket Tables that can meet the limitations of size and/or work load. Consult BIW Engineering Service.</p> <p><b>If Spoked Arm is listed in the Sprocket Data Table, Plate Center can be furnished for an additional charge.</b></p>
Split Construction	Not standard	All split sprockets
Hub Type (See page 9)	Type listed as available for a sprocket of a particular number of teeth in the Sprocket Tables. One of these four types: A    B    C    D Offset (See page 9 for descriptions)	Any type other than listed in Sprocket Table for a particular sprocket of a specific number of teeth.
Keyseating (See page 9)	Standard keyway as specified in table "Standard Keyways and Setscrews" (See page 9)	<ol style="list-style-type: none"> <li>1) Extra Keyseat</li> <li>2) Keyseating in different location</li> <li>3) Keyseating in line or in pairs</li> </ol>
Setscrews	One Pair furnished	More than one pair
Boring (See page 10)	Up to, and including the standard bore sizes that are listed in the Sprocket Tables. Tolerances are maintained as per the Table of Standard Bore Tolerances.	<ol style="list-style-type: none"> <li>1) Oversize bores</li> <li>2) Core-to-bore</li> </ol>
Machine Facing Hubs	One side if keywayed. Both sides if plain bored.	Machine facing hubs to exact dimensions.
Hub Lengths	Length as listed in Sprocket Hub Tables	Longer than standard length will be provided at an additional charge.
Shear Pin Hubs (See page 10)	Not Standard	All shear pin hubs
Bronze Bushings	Not Standard	All bronze bushings

**Plate Center Sprockets**

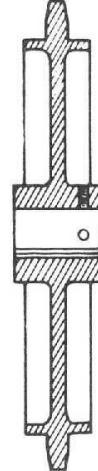
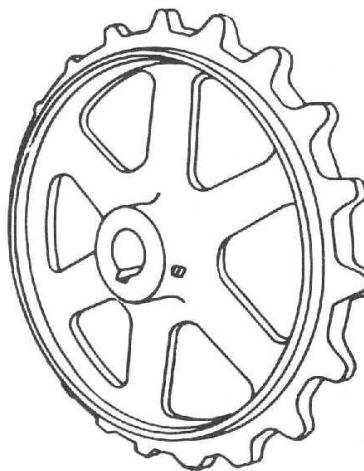
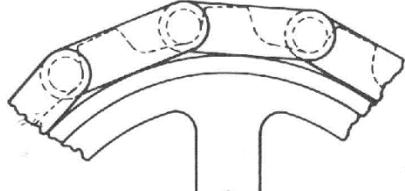
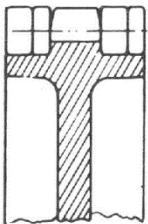
Sprockets are furnished in two basic types: Plate Center, and Spoked Arm. Plate Centers are generally used on smaller sprockets whose size prohibits the use of spoked arms, and on drives and conveyors which are subjected to frequent shock loads. They are also used when maximum allowable chain pull is greater than that which Spoked Arm Sprockets can withstand.

**Spoked Arm Sprockets**

Spoked Arms are found on large diameter sprockets. They are used to reduce weight and to facilitate handling.

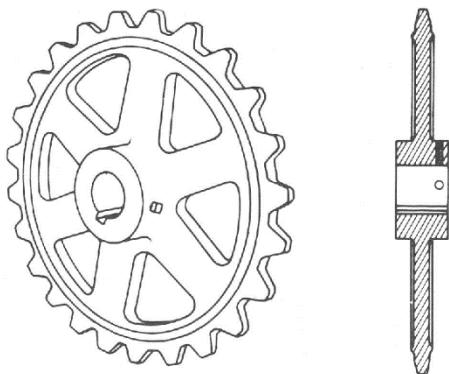
**Chain Saver Sprockets**

Chain Saver Sprockets give added life to chain, because of the special flange construction on the rim. The chain side bars rest on the flange, as chain wraps around the sprocket, keeping the chain on the true pitch line, and distributing wear over a greater contact area.



### Hunting Tooth Sprockets

Hunting Tooth Sprockets last longer than ordinary sprockets and operate on this principle: Hunting Tooth Sprockets have an odd number of teeth and are half the pitch of the chain. Thus, every time the sprocket makes a revolution, the chain links engage a new set of teeth, forward of the previously engaged set. 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.

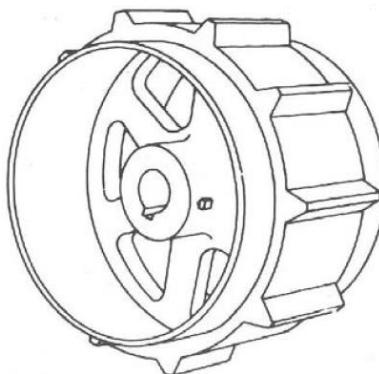
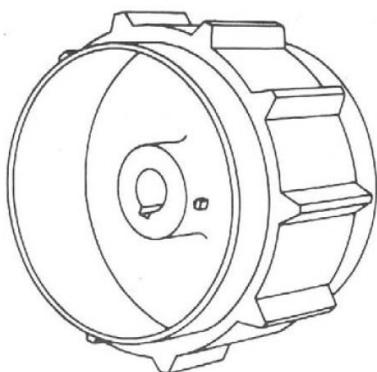


### Hunting Tooth Chain Saver Sprockets

This type of sprocket combines the special features of the two preceding types, providing additional life to both the chain and the sprocket.

### Wide Flange Sprockets

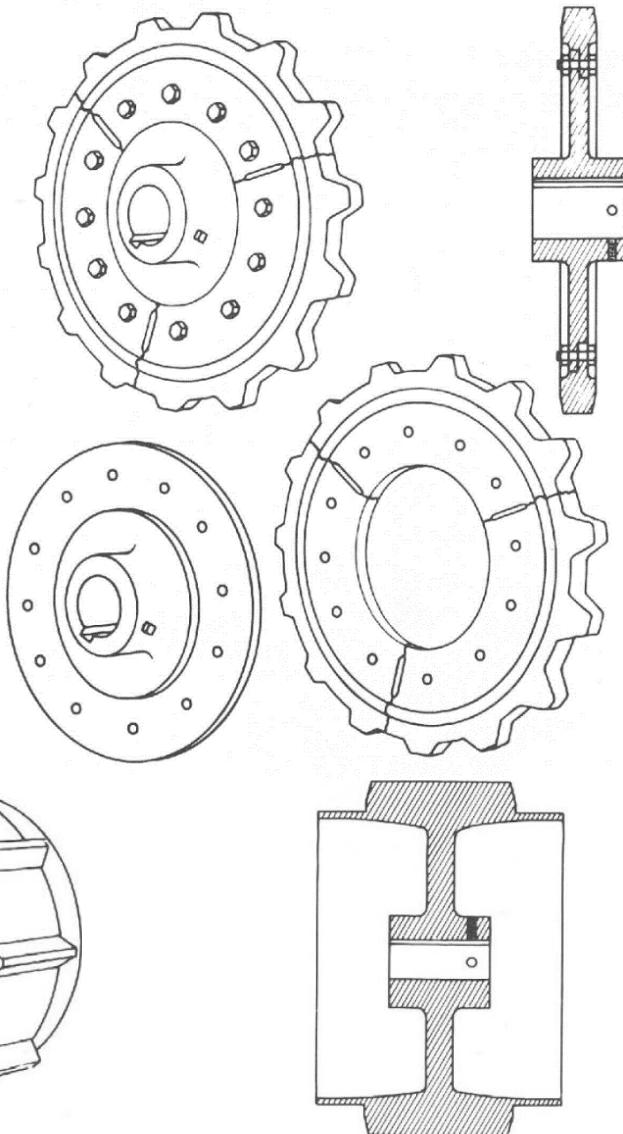
These sprockets are used in many industries, such as lumber and paper industries, as sprockets for the delivery end of conveyors. The wide flange or side extension acts as a guard, and helps keep material from being wasted as it comes off the end of the conveyor.



### Segmental Rim Sprockets

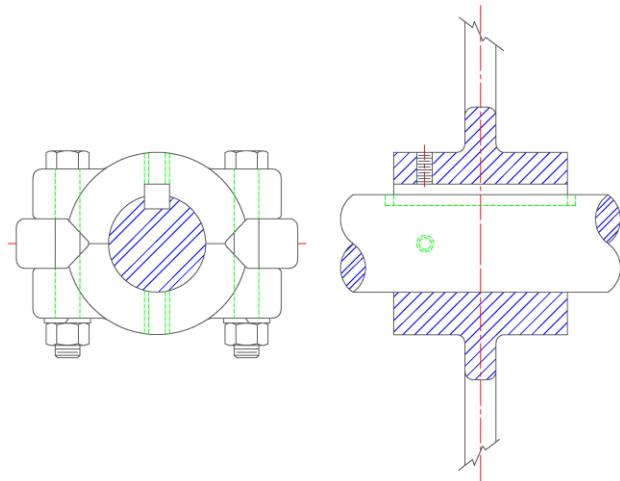
Segmental Rim Sprockets are designed to eliminate costly shut down time during installation and adjustment. They consist of a removable, segmented rim and a solid or split body, which are bolted together.

To obtain extra wear from this type of sprocket, after considerable use, the rim sections may be simply reversed, so that the chain makes contact with the opposite sides of the teeth. Bodies, or entire sprockets, may be replaced without removing shaft or bearings, making this type of sprocket very desirable economically because of the savings in labor and shut down time.



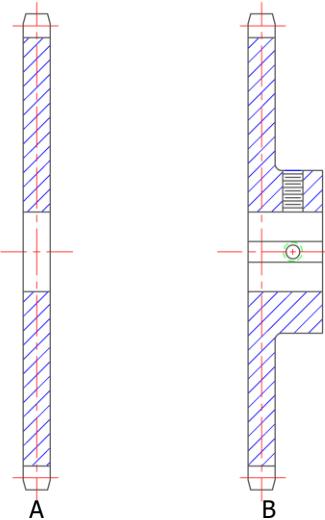
Both Spoked Arm and Plate Center sprockets are available with split construction. Split construction is often specified for installations when it is desirable or advantageous to mount or remove the sprocket from the shaft without disturbing either the shaft or the bearings. The method now used in mounting a split wheel to the shaft gives increased effectiveness in holding.

Split wheels are cast in one piece, machined, and split so that when bolted together the sprocket forms a solid construction. Split wheels are furnished with hubs on one side, hubs offset, or C hubs. Rim lugs are employed when the diameter of the wheel makes them necessary. Since wheels are cast in one piece and then split, it is necessary to give bore size required if ordered in core-to-bore special construction.



### HUB TYPES

Sprockets are supplied in various hub types, each one designed for a specific need. The following defines and illustrates each of the basic hub types.



#### Type "A"

When a sprocket is described as type "A", this indicates that there really is no hub which is part of the sprocket wheel. The wheel must be mounted on a flange or hub or other holding device.

#### Type "B"

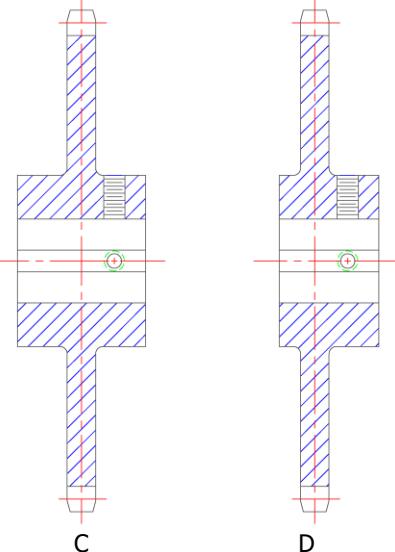
This indicates that the sprocket has a hub extending on one side only from the wheel. This type of hub is generally found on small and intermediate size sprockets.

#### Type "C"

These hubs are centrally located, extending an equal distance on both sides of the wheel. This type of hub is the most common type and is generally found on large diameter sprockets.

#### Type "D" Offset

Type "D" Offset hubs are the same as type "C" mentioned above, but are slightly off center.



### KEYSEATING, KEYS AND SETSCREWS

A single keyseat and one pair of setscrews are furnished as standard on all sprockets, unless otherwise specified. Keys are not furnished as standard, and must be ordered. When keyway and setscrew sizes are not specified, they are supplied in accordance with the table of dimensions headed "STANDARD KEYWAYS AND SETSCREWS". Standard tolerances for straight and tapered keyways are: width +.002 - .000, depth +.010 - .000. Setscrews are placed over key, and at 90° to the key, unless otherwise specified. Tapered keyways are supplied only when specified. Non-standard keyway sizes are available.

STANDARD KEYWAYS AND SETSCREWS			
DIAMETER OF SHAFT	KEYSEAT		DIA. OF SETSCREWS
	WIDTH	DEPTH	
1/2 to 9/16	1/8	1/16	1/4
5/8 to 7/8	3/16	3/32	1/4
15/16 to 1-1/4	1/4	1/8	5/16
1-5/16 to 1-3/8	5/16	5/32	5/16
1-7/16 to 1-3/4	3/8	3/16	3/8
1-13/16 to 2-1/4	1/2	1/4	1/2
2-5/16 to 2-3/4	5/8	5/16	5/8
2-13/16 to 3-1/4	3/4	3/8	3/4
3-5/16 to 3-3/4	7/8	7/16	3/4
3-13/16 to 4-1/2	1	1/2	3/4
4-9/16 to 5-1/2	1-1/4	5/8	3/4
5-9/16 to 6-1/2	1-1/2	3/4	1
Square keys preferred for shaft dimensions above this line; rectangular keys, below			
6-9/16 to 7-1/2	1-1/2	3/4	1
7-9/16 to 8-15/16	1-1/2	3/4	1
9 to 10-15/16	1-3/4	7/8	1

**BORING**

**STANDARD BORING** -Sprockets are bored to the sizes listed in the Sprocket Data Tables. Our factory holds all bores to the standard tolerances listed below. Bores larger than listed can always be supplied.

1" Diameter and Under	Nominal	Plus	.001"
Over 1" to 2"	Nominal	Plus	.002"
Over 2" to 3"	Nominal	Plus	.003"
Over 3" to 4"	Nominal	Plus	.004"
4" and Over	Nominal	Plus	.005"

**PLAIN BORE** - Sprockets are supplied with plain bores when keyways and setscrews are not to be furnished. Sprockets with plain bores should always be specified when ordering. When only bore is given, sprockets are automatically keywayed, and setscrews are installed.

**CORE-TO-BORE** - If the customer wishes to bore himself, a discount is applicable. When ordering sprockets that are not standard stock, it is always desirable to specify what sprockets will be bored to, so that the proper size hub and cores can be installed.

**MACHINE FACING HUBS**

Hubs will be faced to exact dimensions upon request, and at an additional charge. This refers to exact length of bore. Sprockets are normally furnished faced one side only. Set screws are placed on the unfinished side of the hub since the unfinished side operates on the open side of installation.

**LONGER THAN STANDARD HUBS**

Standard hub lengths are those specified in the Hub Data Tables. If longer hubs are required, they are available at an additional cost.

**SHEAR PIN HUBS**

Shear Pin Hubs are used as a safety device to protect machinery from overload. The shear pin hub is keyed to the shaft and connected to the loose wheel by a pin, which will transmit only the normal power requirements, plus a predetermined overload, without shearing. The selection of a shear pin, rated overload at slightly more than twice the torque requirements, is usually the proper size to use. We offer two types of shear pin hubs:

**STYLE 1** is the most popular of the two types because it requires less space than Style 2. On this type, the wheel is mounted on the flange hub and is held in place by a collar.

**STYLE 2** consists of the loose wheel and the flange hub, both mounted on the shaft. A bearing or set collar should be placed against the free side of the wheel.

**TRACTION WHEELS**

Traction wheels are available in a wide range of sizes to fit most chains. They are furnished in plate center and spoked arm types, either solid or split construction, and in segmental rim type.

**FLANGED WHEELS AND ROLLERS**

Single and Double Flanged Wheels and Rollers are offered in a wide variety of tread diameters and tread widths. Also available are Plain Face Wheels. Most Single Flanged and Plain Face Wheels are supplied Cast Iron Chilled Rim. The Double Flanged are supplied of Class 35 Gray Iron. See PL150-81W for available sizes and prices.

**FLAMECUT SPROCKETS**

All sprockets listed in the Index can be supplied Flamecut from C1042 steel plate, and Flame Hardened to a minimum 400 BHN. This type sprocket can be provided when patterns do not exist, or when the application is very severe. Segmental Flamecut Rims mounted on Cast Iron Bodies are very popular, as they incorporate the economy of cast iron with the strength of steel.

For complete information and pricing on the Brewton Flamecut Sprocket, refer to PL150-81FC.

**SECTION OF A DEEP CHILLED SPROCKET**

Sprockets are deep chilled for severe service applications. Deep chilling adds to the sprocket's wearing qualities, rendering the surface of the rim and teeth exceptional in smoothness and hardness. Brinell hardness of 360 min. and 3/16" min. depth chill.

<b>CHAIN NO.</b>	<b>TABLE</b>	<b>PAGE</b>									
CHAMP 3	13-12	24	C55A	1-11	16	H87	7-8	20	SS111 SPEC	10-9	22
3-1/2	13-19	24	C55B	1-11	16	88	1-20	16	H112	8-7	21
4	13-47	26	C55D	1-11	16	88-1/2	1-21	17	WD112	8-7	21
H-4 HEAVY	2-7	18	C55F	1-11	16	89R	13-18	24	WSD112	8-7	21
SS4	13-47	26	SS55	1-11	16	US90R	13-17	24	H113	8-4	21
CC5	13-26	25	57	2-10	18	94R	13-47	26	114	1-24	17
6 SPEC	13-34	26	C60	10-2	21	95R	13-14	24	H116	8-8	21
IS8	13-3	23	D60	10-2	21	96	13-27	25	WD116	8-8	21
14-1/2	13-17	24	H60	2-10	18	MSR96	13-27	25	WS116	8-8	21
17	13-6	23	SS60	13-19	24	SS96	13-27	25	WSD116	8-8	21
SD19	8-6	21	62	1-13	16	96R	13-27	25	H117	8-9	21
SD19A	8-6	21	62 N.S.	1-13	16	96RX	13-27	25	H118	8-9	21
SD21	8-13	21	62S (Steel del.)	1-12	16	H97	8-1	20	CC119	8-6	21
SD21A	8-13	21	H62	1-13	16	H98	8-1	20	HC119	8-6	21
SD23	8-14	21	LXS62	13-3	23	H102	8-2	20	H120	8-5	21
SD23A	8-14	21	67	2-10	18	C102B	10-7	22	SM120	6-1	20
25	1-2	15	72 (Steel)	1-17	16	SS102B	10-7	22	CC121	8-13	21
31	1-2	15	O72	1-13	16	C102-1/2	10-6	22	HC121	8-13	21
32	1-4	15	H74	10-4	21	SS102-1/2	10-6	22	H122	8-11	21
032	1-2	15	75	1-20	16	103	1-23	17	CC123	8-14	21
33	1-7	15	H75	10-4	21	H104	8-3	20	HC123	8-14	21
MC33	6-1	20	76-1/2 (Steel)	1-18	16	108	3-2	19	124	1-28	17
34	1-7	15	77	2-10	18	H108	3-2	19	C124	7-8	20
MXS40	13-12	24	C77	2-10	18	C110	10-10	22	H124	7-8	20
SS40	13-12	24	78	1-20	16	C110C	10-10	22	SS124	13-21	25
40SP	13-47	26	H78	10-4	21	H110	8-4	21	WH124	7-8	20
42	2-1	17	H78A	10-4	21	SS110	10-10	22	WR124	7-8	20
45	2-4	18	H78B	10-4	21	WD110	8-4	21	WS124	7-8	20
046	1-11	16	H78SR	10-4	21	WSD110	8-4	21	126C	13-34	26
51	1-5	15	H79	10-4	21	WS110 (JEFF.)	10-10	22	126CMR	13-34	26
S51	1-3	15	81X	10-4	21	WS110 (PTC)	8-4	121	126MR	13-48	26
52	2-3	18	H82	2-13	19	C111	10-8	22	MR126	13-48	26
53R	13-10	23	83R	13-17	24	C111C	10-8	22	MR126C	13-34	26
55	1-11	16	85	1-27	17	C111 Spec	10-9	22	H130	11-2	23
C55	1-11	16	H85	1-27	17	SS111	10-8	22	C131	2-13	19

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SS131	2-13	19	362	1-13	16	S557	13-21	25	902	CALL FOR QUOTE	
C132	10-12	23	R362	13-3	23	568	13-11	24	907	CALL FOR QUOTE	
C132C	10-12	23	R432	13-3	23	SS578	10-4	21	B907	CALL FOR QUOTE	
MBP132	10-12	23	433-1/2	10-4	21	604R	13-32	25	SS911	13-50	26
MBP132C	10-12	23	434	1-7	15	607R	13-26	25	E922	13-51	26
PW132	10-12	23	442	2-1	17	614	13-26	25	F922	13-38	26
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145	2-4	18	455	2-4	18	625R	13-49	26	SS927	13-51	26
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SS149	13-18	24	X458	14-2	26	626R	13-34	26	F929	13-40	26
SS150+	10-12	23	462	2-6	18	LX627	13-3	23	F930	13-38	26
156CMR	13-34	26	467	2-10	18	628R	13-33	25	SS930	13-38	26
MR156C	13-34	26	468	14-3	27	631R	13-34	26	E931	13-38	26
C160	10-2	21	477	2-10	18	632R	13-29	25	F932	13-40	26
SR183	13-10	23	SM477	2-10	18	658	14-4	27	SS932	13-40	26
BRH188	10-4	21	480	8-12	21	SS658	13-49	26	933	13-40	26
C188	10-4	21	H480	8-12	21	678	14-5	27	F933	13-40	26
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194	13-17	24	483	2-14	19	720	3-3	19	SS940	13-40	26
GL194	13-17	24	488	10-4	21	720S	3-3	19	942	2-1	17
SR194	13-17	24	500	11-4	23	730	3-5	19	SS942	13-41	26
U194	13-17	24	A508	13-8	23	WS784	11-2	23	945	2-4	18
196	13-32	25	A508H	13-8	23	788	10-4	21	S951	13-34	26
GL196	13-32	25	B508H	13-8	23	809	13-38	26	SS951	13-34	26
197	13-26	25	520RX	13-6	23	823	4-1	19	952	2-3	18
GL197	13-26	25	SS520	13-6	23	825	4-2	20	962	2-6	18
RX23B	13-13	24	530	13-33	25	830	4-3	20	B963R	13-38	26
303	13-9	24	531	13-18	24	844	4-4	20	967	2-10	18
MSR303	13-9	24	S531	13-18	24	SS856	13-31	25	977	2-10	18
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1030	13-12	24	1258	13-49	26	SR3113	13-19	24	6844	4-4	20
MXS1031	13-12	24	A1263R	13-42	26	SR3130	13-26	25	6856	13-31	25
R1033	13-12	24	B1263R	13-42	26	MXS3514	13-13	14	8116	8-8	21
R1035	13-12	24	B1264R	13-43	26	SS4002	13-38	26	HC8116	8-8	21
1037	13-12	24	MSR1288	10-4	22	LXS4013	13-14	24	8480	8-12	21
1112	14-9	27	C1316	10-11	22	MSR4013	13-14	24	9103	2-13	19
SS1113	13-19	24	1400	13-17	24	LXS4019	13-47	26	9250	6-1	20
SS1114	13-32	25	1520C	13-14	24	4103	2-13	19	9455	10-1	21
MSR1116	13-32	25	MSR1539	13-12	24	IS4106	13-21	25	<b>FLANGED RIM (CHAINSAVER) SPROCKETS</b>		
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R1120	13-14	24	1594	13-17	24	LXS4113	13-16	24			
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1126	13-33	25	1616A	13-13	24	LXS4216	13-17	24			
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U1131	13-34	26	2066	13-17	24	SS4851	13-45	26	C102-1/2	20-7	28
1183	13-10	24	2124	13-27	25	SS4852	13-46	26	C110	20-8	28
S1194	13-17	24	2126	13-32	25	4901	CALL FOR QUOTE		C111	20-9	28
1212	13-33	25	A2178	13-27	25	4902	CALL FOR QUOTE		H124	20-5	27
F1222	13-42	26	SS2178	13-27	25	4907	CALL FOR QUOTE		C131	20-10	28
SS1222	13-42	26	2180	13-33	25	MXS5028	13-25	25	C132	20-11	28
E1233	13-43	26	2183	13-34	26	5031	13-25	25	720	20-1	27
F1233	13-43	26	2184	13-34	26	5103	2-13	19	720S	20-1	27
SS1233	13-43	26	2184AC	13-34	26	MSR6018	13-32	25	730	20-2	27
1240	13-21	25	2184R	13-34	26	6102B	10-7	22	825	20-2A	27
SS1240	13-43	26	SS2184	13-34	26	6104	8-3	20	830	20-3	27
1241 (Not Jeff.)	13-21	25	SS2188	13-16	24	6110 (DRAG)	8-4	21	844	20-14	28
LXS1242	13-21	25	SS2190	13-26	25	6110 (STL.KN.)	10-10	22	S856	20-13	28
1244 (Not Jeff.)	13-21	25	A2198	13-27	25	6111	10-8	22			
F1244	13-52	26	IS2625	13-6	23	6111 Spec	10-9	22			

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			833	30-2	30	<b>SIDE EXTENSION SPROCKETS</b>		
			856	30-2	30			
			X-859	30-2	30			
H-78	30-1	29	<b>SEGMENTAL RIM BODIES</b>			H-102	50-1	33
SS-40	30-1	29				H-104	50-1	33
103	30-1	29				1-110	50-1	33
C-102B	30-1	29	SOLID	30-3	31	H-112	50-1	33
C-102-1/2	30-1	29	SPLIT	30-4	31	H-116	50-1	33
C-110	30-1	29	<b>TRACTION WHEELS</b>			H-118	50-1	33
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C-111 Spec	30-1	29				H-480	50-1	33
C-131	30-1	29				<b>SIDE EXTENSION TRACTION WHEELS</b>		
C-132	30-1	29	SS-40	40-3	32			
678	30-1	29	C-55	40-5	32			
698	30-1	29	H-60	40-5	32			
830	30-1	29	H-82	40-2	32	H-102	50-2	34
856	30-1	29	88	40-1	32	H-104	50-2	34
H-124	30-1	29	C-102B	40-7	32	H-110	50-2	34
998	30-1	29	C-102-1/2	40-7	32	H-112	50-2	34
1251	30-1	29	103	40-2	32	H-116	50-2	34
4009	30-1	29	C-110	40-7	32	H-118	50-2	34
SS-4852	30-1	29	C-111	40-8	32	C-132	50-2	34
<b>SEGMENTAL RIM TRACTION WHEELS</b>			C-131	40-2	32	H-480	50-2	34
			S-131	40-2	32	<b>DISHED SPROCKETS</b>		
			C-132	40-9	32			
			720	40-11	32			
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C-102-1/2	30-2	30	825	40-3	32	H-78		35
C-110	30-2	30	830	40-3	32	433-1/2		35
C-111	30-2	30	844	40-4	32	445		35
C-132	30-2	30	844R	40-4	32	LXS620		35
S-825	30-2	30	SS-856	40-10	32	4103		35

TABLE 1-2 CHAINS 25, 31, 032 (P .902) (R .406)					TABLE 1-4 CHAINS 32 (P 1.154) (R .500) (CONT.)				
# OF TEETH	TOOTH FACE 3/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 1/2"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE
6	GRAY IRON	1.80	.5	15/16	32	GRAY IRON	11.77	15.5	1-7/16
7		2.08	.6	15/16	34		12.51	10.4	1-7/16
8		2.36	.8	15/16	36		13.24	17.0	1-7/16
9		2.64	1.1	1-3/16	38 ◊		13.97	15.0	1-7/16
10		2.92	1.4	1-3/16	40 ◊		14.71	19.0	1-7/16
11		3.20	1.5	1-3/16	48 ◊		17.64	24.0	1-7/16
12		3.49	1.6	1-3/16		TABLE 1-5 CHAINS 51 (P 1.155) (R .718)			
13		3.76	1.7	1-3/16	GRAY IRON	# OF TEETH	TOOTH FACE 9/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.
14		4.06	1.9	1-3/16		6		2.31	1.2
15		4.34	2.5	1-3/16		7		2.65	2.0
16		4.63	2.9	1-3/16		8		3.02	2.4
17		4.91	3.1	1-3/16		9		3.37	3.0
18		5.20	3.2	1-3/16		10		3.75	3.4
19		5.48	3.4	1-3/16		11		4.10	3.8
20		5.77	3.7	1-3/16		12		4.46	4.0
21		6.04	4.2	1-3/16		13		4.90	4.5
22		6.34	4.4	1-3/16		14		5.19	5.5
23		6.61	4.7	1-3/16		15		5.54	6.0
24		6.91	5.2	1-7/16		16		5.90	6.8
25		7.20	5.8	1-7/16		17		6.19	7.4
26		7.47	6.3	1-7/16		18		6.63	7.8
28		8.06	7.2	1-7/16		19		7.02	8.0
29		8.34	7.5	1-7/16		20		7.35	8.4
30		8.61	8.3	1-7/16		21		7.75	9.0
32		9.20	9.0	1-7/16		22		8.12	9.5
36		10.33	10.4	1-7/16		24		8.85	11.0
37		10.63	11.5	1-7/16		25		9.19	12.5
40		11.50	11.8	1-7/16		26		9.58	13.0
52		14.94	14.0	1-7/16		27		9.95	13.8
TABLE 1-3 CHAINS S51 (P 1.155) (R .718 HOOK)					GRAY IRON	28		10.32	14.5
# OF TEETH	TOOTH FACE 9/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE		30		11.05	16.0
7	2.65	1.3	3/4	31			11.42	16.5	
10	3.68	2.0	3/4	32			11.75	17.0	
11	4.10	2.5	1-3/16	33			12.15	17.8	
12	4.39	3.5	1-3/16	34			12.52	18.0	
13	4.76	4.0	1-3/16	36			13.25	19.0	
14	5.12	4.5	1-3/16	38			13.95	20.5	
15	5.46	5.0	1-3/16	40			14.66	23.0	
17	6.18	5.0	1-7/16	42			15.43	24.5	
18	6.58	6.0	1-7/16	44			16.19	26.0	
19	6.95	7.5	1-7/16	55			20.23	38.0	
TABLE 1-4 CHAINS 32 (P 1.154) (R .500)					TABLE 1-7 CHAINS 33, 34, 434,934 (P1.398)(R .531HOOK)				
# OF TEETH	TOOTH FACE 1/2"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 1/2"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE
6	GRAY IRON	2.31	1.0	15/16	6	GRAY IRON	2.80	1.8	15/16
7		2.66	1.2	15/16	7		3.22	2.0	15/16
8		3.02	1.2	15/16	8		3.64	2.4	1-3/16
9		3.37	1.5	1-3/16	10		4.51	3.1	1-3/16
10		3.73	1.7	1-3/16	11		4.95	3.6	1-3/16
11		4.10	2.0	1-3/16	12		5.40	4.0	1-3/16
12		4.46	2.5	1-3/16	14		6.27	5.0	1-3/16
13		4.82	2.9	1-3/16	16		7.14	6.2	1-3/16
14		5.19	3.4	1-3/16	22		9.82	9.0	1-7/16
15		5.55	4.0	1-3/16	23		10.27	11.0	1-7/16
16		5.92	4.2	1-3/16		(P) – PITCH (R) -ROLL ◊ SPOKE ARM ☆ PLATE CENTER WITH LIGHTENING HOLES			
17		6.28	4.7	1-3/16					
18		6.65	5.2	1-3/16					
19		7.01	5.8	1-3/16					
20		7.38	6.3	1-3/16					
22		8.11	7.5	1-3/16					
24		8.84	9.0	1-3/16					
25		9.21	10.0	1-3/16					
26		9.57	11.5	1-7/16					
8		10.31	12.0	1-7/16					

TABLE 1-11 CHAINS 046, 55, C55, SS55, C55A, C55B, C55D, C55F (P 1.631) (R 23/32)					TABLE 1-12 CHAINS 62S (STEEL DET.) (P 1.654) (R .812 HOOK) (CONT.)					TABLE 1-13 CHAINS 62, 62 NO-STOP, 072, H62, 362 (P 1.654) (R 5/16) (CONT.)					
# OF TEETH	TOOTH FACE 11/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 11/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 1-5/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
5	GRAY IRON	2.77	2.0	1-3/16	15	GRAY IRON	7.96	13.0	1-11/16	48 ◊	GRAY IRON	25.29	50.0	1-15/16	
6		3.26	2.2	1-3/16	16		8.49	14.0	1-11/16	49 ◊		25.82	58.0	1-15/16	
7		3.75	2.6	1-3/16	18		9.53	20.0	1-11/16	54 ◊		28.45	65.6	1-15/16	
8		4.16	3.1	1-3/16	32		16.87	35.0	1-11/16	60 ◊		31.60	71.0	1-15/16	
9		4.76	4.3	1-3/16	TABLE 1-13 CHAINS 62, 62 NO-STOP, 072, H62, 362 (P 1.654) (R 5/16)					TABLE 1-17 CHAINS 72 (STEEL) (P 2.043) (R 27/64)					
10		5.26	4.6	1-3/16	# OF TEETH	TOOTH FACE 13/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 13/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
11		5.77	5.1	1-3/16											
12		6.30	6.3	1-3/16	5	GRAY IRON	2.81	1.5	1-3/16	6	GRAY IRON	4.05	1.8	1-3/16	
13		6.80	7.1	1-3/16	6		3.31	2.0	1-3/16	9		5.97	6.0	1-11/16	
14		7.31	8.2	1-3/16	7		3.81	3.2	1-7/16	10		6.61	8.0	1-11/16	
15		7.83	9.1	1-3/16	8		4.32	3.5	1-7/16	20		13.06	18.0	1-15/16	
16		8.34	10.7	1-3/16	9		4.84	4.7	1-7/16	24		16.51	20.0	1-15/16	
17		8.85	13.3	1-7/16	10		5.35	5.6	1-7/16	TABLE 1-18 CHAINS 76-1/2 (STEEL) (P 2.073) (R 27/64)					
18		9.39	14.2	1-7/16	11		5.87	6.7	1-7/16	# OF TEETH	TOOTH FACE 9/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
19		9.92	15.7	1-7/16	12		6.39	7.8	1-7/16						
20		10.43	17.2	1-7/16	13		6.91	9.0	1-7/16	# OF TEETH	TOOTH FACE 9/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
21		10.94	17.6	1-7/16	14		7.43	10.2	1-7/16						
22		11.43	18.2	1-7/16	15		7.96	12.1	1-7/16	# OF TEETH	TOOTH FACE 9/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
23		11.97	18.5	1-7/16	16		8.48	14.3	1-7/16						
24		12.47	19.0	1-7/16	17		9.00	15.6	1-7/16	# OF TEETH	TOOTH FACE 15/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
26		13.53	20.5	1-7/16	18		9.53	17.2	1-7/16						
27		14.07	21.0	1-7/16	19		10.05	19.0	1-7/16	# OF TEETH	TOOTH FACE 15/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
28		14.54	23.0	1-7/16	20		10.57	21.1	1-7/16						
29		15.08	23.2	1-7/16	21		11.10	23.4	1-7/16	# OF TEETH	TOOTH FACE 15/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
30		15.60	23.3	1-7/16	22		11.63	24.3	1-11/16						
31		16.11	23.5	1-7/16	23		12.15	25.1	1-11/16	# OF TEETH	TOOTH FACE 15/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
32		16.64	24.0	1-7/16	24		12.67	27.3	1-11/16						
34		17.68	26.0	1-7/16	25		13.20	27.8	1-11/16	# OF TEETH	TOOTH FACE 15/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
35		18.20	29.0	1-7/16	26		13.72	28.2	1-11/16						
36		18.68	31.0	1-7/16	27		14.25	28.8	1-11/16	# OF TEETH	TOOTH FACE 15/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
38		19.75	32.5	1-11/16	28		14.77	30.9	1-11/16						
40		20.79	34.5	1-11/16	29		15.30	31.6	1-11/16	# OF TEETH	TOOTH FACE 15/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
41		21.31	36.0	1-11/16	30 ◊		15.82	32.2	1-11/16						
48		24.94	44.0	1-11/16	32 ◊		16.87	33.5	1-11/16	# OF TEETH	TOOTH FACE 15/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
50		25.98	47.0	1-11/16	33 ◊		17.40	34.0	1-11/16						
54		28.00	50.0	1-11/16	34 ◊		17.93	34.1	1-11/16	# OF TEETH	TOOTH FACE 15/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
	TABLE 1-12 CHAINS 62S (STEEL DET.) (P 1.654) (R .812 HOOK)						18.98	36.8	1-11/16						
# OF TEETH	TOOTH FACE 11/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	38 ◊		20.03	39.0	1-15/16	21		17.50	45.0	2-3/16	
6	GRAY IRON	3.31	2.5	1-3/16	40 ◊		20.55	39.2	1-15/16	22		18.33	47.0	2-3/16	
8		4.32	4.2	1-7/16	41 ◊		21.07	40.2	1-15/16	23		19.16	49.0	2-3/16	
9		4.84	5.0	1-7/16	42 ◊		21.61	41.0	1-15/16	24		19.99	51.2	2-3/16	
10		5.35	6.0	1-7/16	43 ◊		22.13	41.8	1-15/16	(P) – PITCH (R) – (ROLL) ◊ SPOKE ARM ☆ PLATE CENTER WITH LIGHTENING HOLES					
11		5.87	7.5	1-7/16	45 ◊		22.66	42.9	1-15/16						
12		6.39	8.7	1-7/16	46 ◊		23.71	45.0	1-15/16						
14		7.43	11.4	1-11/16	47 ◊		24.24	47.0	1-15/16						
							24.77	48.6	1-15/16						

TABLE 1-20 CHAINS 75, 78, 88 (CONT.) (P 2.609) (R 7/8)					TABLE 1-23 CHAINS 103 (CONT.) (P 3.075) (R 1.218)					TABLE 1-27 CHAINS 85, H-85 (P 4.00) DET							
# OF TEETH	TOOTH FACE 15/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 15/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 1-5/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE			
25 ⚫	CAST IRON CHILLED RIM	20.77	53.0	2-3/16	16	CAST IRON CHILLED RIM	15.76	46.0	2-7/16	8	C.I.C.R.	10.45	49.0	2-15/16			
26 ⚫		21.59	62.0	2-7/16	17		16.74	53.0	2-7/16	# OF TEETH	TABLE 1-28 CHAINS 124, 4124 (P 4.063) (R 1.718)			LARGEST BORE AT REGULAR PRICE			
27 ⚫		22.42	63.0	2-7/16	18		17.71	57.0	2-11/16		TOOTH FACE 1-1/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.				
28 ⚫		23.27	66.0	2-7/16	19		18.68	60.0	2-11/16		8.10	25.0	2-11/16				
29 ⚫		24.13	72.0	2-7/16	20 ⚫		19.66	63.0	2-11/16		9.36	37.0	2-15/16				
30 ⚫		24.90	73.0	2-7/16	21 ⚫		20.63	72.0	2-11/16		10.62	45.0	2-15/16				
31 ⚫		25.79	82.0	2-7/16	22 ⚫		21.61	80.0	2-11/16		11.88	50.0	2-15/16				
32 ◇		26.62	85.0	2-7/16	23 ⚫		22.58	84.0	2-11/16		13.15	60.0	3-7/16				
33 ◇		27.38	87.0	2-7/16	24 ⚫		23.56	88.0	2-11/16		14.42	76.0	3-7/16				
34 ◇		28.28	92.0	2-7/16	25 ◇		24.53	92.0	2-11/16		15.70	82.0	3-7/16				
35 ◇		29.10	94.0	2-7/16	26 ⚫		25.51	98.0	2-15/16		18.26	93.0	3-7/16				
36 ⚫		29.94	95.0	2-7/16	27 ◇		26.49	102.0	2-15/16		19.54	104.0	3-7/16				
38 ◇		31.60	104.0	2-11/16	28		27.49	106.0	2-15/16		22.11	112.0	3-7/16				
39 ◇		32.42	112.0	2-11/16	29 ◇		28.44	112.0	2-15/16		28.55	172.0	3-7/16				
40 ◇		33.21	119.0	2-11/16	30 ◇		29.42	115.0	2-15/16		TABLE 2-1 CHAINS 442, 42, 942 (P 1.375) (R .562)			LARGEST BORE AT REGULAR PRICE			
41 ◇		34.08	123.0	2-11/16	31 ◇		30.39	128.0	2-15/16		31.37	132.0	2-15/16				
42 ◇		34.91	125.0	2-11/16	32 ◇		32.35	135.0	2-15/16		33.33	142.0	2-15/16	6			
43 ◇		35.65	128.0	2-11/16	33 ◇		34.30	149.0	3-7/16		34.30	149.0	3-7/16	7			
44 ◇		36.57	131.0	2-11/16	34 ◇		35.28	154.0	3-7/16		35.28	154.0	3-7/16	8			
45 ◇		37.31	138.0	2-11/16	35 ◇		37.24	172.0	3-7/16		37.24	172.0	3-7/16	9			
46 ◇		38.18	142.0	2-11/16	36 ◇		39.19	188.0	3-7/16		39.19	188.0	3-7/16	10			
48 ◇		39.89	153.0	2-11/16	38 ◇		41.15	204.0	3-7/16		41.15	204.0	3-7/16	11			
54 ◇		44.87	175.0	2-15/16	40 ◇		43.11	210.0	3-7/16		43.11	210.0	3-7/16	12			
55 ◇		45.70	182.0	2-15/16	42 ⚫		47.02	245.0	3-7/16		47.02	245.0	3-7/16	13			
58 ◇		48.19	198.0	2-15/16	44 ◇		48.00	255.0	3-7/16		48.00	255.0	3-7/16	14			
TABLE 1-21 CHAINS 88-1/2 (P 2.609) DET					TABLE 1-24 CHAINS 114 (P 3.250) (R 1-5/8)												
# OF TEETH	TOOTH FACE 15/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 1-1/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	15	GRAY IRON	LARGEST BORE AT REGULAR PRICE					
8	C.I.C.R.	6.81	12.0	1-15/16	6	CAST IRON CHILLED RIM	6.50	17.0	1-15/16	19							
14		11.72	26.0	2-5/16	9		9.50	27.0	2-7/16	20							
TABLE 1-23 CHAINS 103 (P 3.075) (R 1.218)							10	10.52	32.0	2-7/16				21			
# OF TEETH	TOOTH FACE 1-1/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	11		11.54	37.0	2-7/16	22							
	CAST IRON CHILLED RIM				12		12.56	38.0	2-15/16	24							
6		6.15	10.0	1-7/16	13		13.58	41.0	2-15/16	25							
7		7.09	14.5	2-3/16	14		14.61	46.0	2-15/16	27							
8		8.04	18.0	2-3/16	15		15.63	52.0	2-15/16	28							
9		8.99	23.0	2-3/16	16		16.66	55.0	2-15/16	30							
10		9.95	26.0	2-3/16	18		18.72	85.0	2-15/16	32 ◇							
11		10.92	34.0	2-7/16	19		19.75	75.0	2-15/16	41 ◇							
12		11.88	35.0	2-7/16	22		22.84	88.0	3-7/16	(P) – PITCH (R) – ROLL ◇ SPOKE ARM ☆ PLATE CENTER WITH LIGHTENING HOLES							
13		12.85	37.0	2-7/16	24 ⚫		24.90	105.0	3-7/16								
14		13.82	38.0	2-7/16	30 ◇		31.09	140.0	3-7/16								
15		14.79	42.0	2-7/16													

TABLE 2-3 CHAINS 52, 452, 952 (P 1.506) (R .687)				TABLE 2-4 45, 145, 445, 455, 945 (P 1.630) (R .593)				TABLE 2-6 CHAINS 462, 962 (P 1.634) (R 23/32)							
# OF TEETH	TOOTH FACE 5/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 11/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 13/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
5	GRAY IRON	2.56	2.3	1-7/16	5	GRAY IRON	2.77	2.8	15/16	6	GRAY IRON	3.31	2.5	1-3/16	
6		3.01	2.5	1-7/16	6		3.26	3.3	1-3/16	7		3.81	3.7	1-7/16	
7		3.47	3.0	1-7/16	7		3.75	3.8	1-3/16	8		4.32	4.5	1-7/16	
8		3.94	3.7	1-7/16	8		4.26	4.5	1-7/16	9		4.84	5.5	1-7/16	
9		4.40	4.2	1-7/16	9		4.76	5.2	1-7/16	10		5.35	8.0	1-15/16	
10		4.87	5.0	1-11/16	10		5.26	5.9	1-7/16	11		5.87	9.0	1-15/16	
11		5.34	5.5	1-11/16	11		5.77	7.0	1-7/16	12		6.39	10.0	1-15/16	
12		5.82	6.0	1-11/16	12		6.30	8.0	1-7/16	13		6.91	11.5	2-3/16	
13		6.29	9.0	1-15/16	13		6.80	9.0	1-7/16	14		7.43	14.0	2-3/16	
14		6.75	9.7	1-15/16	14		7.31	10.0	1-7/16	15		7.96	16.0	2-3/16	
15		7.24	10.6	1-15/16	15		7.83	11.0	1-11/16	16		8.48	17.5	2-3/16	
16		7.72	11.8	1-15/16	16		8.34	12.2	1-11/16	17		9.00	19.0	2-3/16	
17		8.20	12.7	1-15/16	17		8.85	13.3	1-11/16	18		9.53	20.0	2-3/16	
18		8.65	13.8	1-15/16	18		9.39	14.4	1-11/16	19		10.50	23.0	2-3/16	
19		9.15	14.5	1-15/16	19		9.92	15.5	1-11/16	20		10.58	24.5	2-3/16	
20		9.60	15.7	1-15/16	20		10.43	16.6	1-11/16	22		11.62	26.0	2-7/16	
21		10.10	18.0	1-15/16	21		10.94	17.7	1-11/16	25		13.2	28.0	2-7/16	
22		10.56	19.8	1-15/16	22		11.43	18.8	1-11/16	27		14.25	31.0	2-7/16	
23		11.06	19.9	1-15/16	23		11.97	20.0	1-11/16	28		14.77	32.0	2-7/16	
24		11.54	20.0	1-15/16	24		12.47	21.2	1-11/16	32		16.87	40.0	2-7/16	
25		12.00	22.0	2-3/16	25		13.01	23.4	1-11/16	34 ◊		17.93	43.0	2-11/16	
26		12.49	23.0	2-3/16	26		13.53	24.6	1-11/16	36 ◊		18.98	44.0	2-11/16	
27		12.97	24.0	2-3/16	27		14.07	25.8	1-11/16	41 ◊		21.61	56.0	2-11/16	
28		13.45	25.0	2-3/16	28		14.54	27.0	1-15/16	45 ◊		23.71	60.0	2-11/16	
32 ◊		15.33	29.0	2-3/16	30		15.60	29.0	1-15/16	46 ◊		23.94	61.0	2-11/16	
34 ◊		16.32	29.5	2-3/16	31 ◊		16.11	30.0	1-15/16	48 ◊		25.29	64.0	2-11/16	
35 ◊		16.80	30.0	2-3/16	32 ◊		16.64	31.0	1-15/16	TABLE 2-7 CHAINS H-4 HEAVY (P 2.020) (R 23/32)					
36 ◊		17.28	31.5	2-3/16	34 ◊		17.68	32.0	1-15/16	# OF TEETH	TOOTH FACE 13/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
37 ◊		17.72	33.0	2-3/16	35 ◊		18.18	33.0	1-15/16	16	C.I.C.R.	10.54	16.0	1-11/16	
38 ◊		18.24	35.0	2-3/16	36 ◊		18.68	34.0	1-15/16	19.75	36.0	1-15/16	TABLE 2-10 57, 67, 77, 467, 477, C77, H-60, M477, 967 (P 2.297) (R 3/8) 477 - (P 2.308) (R 13/16)		
40 ◊		19.15	37.0	2-7/16	38 ◊		20.26	37.0	1-15/16	# OF TEETH	TOOTH FACE 11/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
42 ◊		20.16	39.0	2-7/16	39 ◊		20.79	38.0	1-15/16	21.81	40.0	1-15/16	3.93	4.3	1-3/16
44 ◊		21.11	41.0	2-7/16	40 ◊		22.85	42.0	1-15/16	22.37	43.0	1-15/16	4.62	5.0	1-7/16
48 ◊		23.03	45.0	2-7/16	42 ◊		23.37	46.0	2-3/16	24.94	46.0	2-3/16	5.32	5.5	1-7/16
50 ◊		23.98	48.0	2-7/16	44◊		23.87	47.0	2-3/16	30.11	57.0	2-3/16	6.03	6.3	1-7/16
60 ◊		28.78	59.0	2-7/16	45 ◊		24.44	48.0	2-3/16	10	58.0	2-3/16	6.75	6.5	1-7/16
75 ◊		39.95	78.0	2-11/16	48 ◊		24.94	46.0	2-3/16	11	59.0	2-3/16	7.46	8.0	1-7/16
				58 ◊	25.44		50.0	2-3/16	12	60.0	2-3/16	8.19	8.3	1-7/16	
					25.94		52.0	2-3/16	13	61.0	2-3/16	8.92	8.8	1-7/16	
					26.44		54.0	2-3/16				9.64	9.3	1-7/16	

(P) PITCH (R) ROLL  
◊ SPOKE ARM  
☆ PLATE CENTER WITH LIGHTENING HOLES

TABLE 2-10 57, 67, 77, 467, 477, C77, H-60, SM477, 967 (P 2.297) (R 3/8) 477 - (P 2.308) (R 3/16) (CONT.)					TABLE 2-13 CHAINS H82, C131, 4103, 5103, C131C, SS131, 9103 (P 3.075 (R 1.25)					TABLE 3-2 CHAINS 710, 108, H108 (P 4.72) DET						
# OF TEETH	TOOTH FACE 11/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 1-1/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 2"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE		
14	GRAY IRON	10.37	10.5	1-11/16	7	CAST IRON CHILLED RIM	7.09	18.0	2-3/16	6	CAST IRON CHILLED RIM	9.44	40.0	2-7/16		
15		11.10	12.0	1-11/16	8		8.04	25.0	2-15/16	8		12.31	53.0	2-15/16		
16		11.83	13.0	1-11/16	9		8.99	30.0	2-15/16	10		15.25	72.0	2-15/16		
17		12.56	13.5	1-11/16	10		9.95	36.0	2-15/16	11		16.75	85.0	2-15/16		
18		13.29	15.0	1-11/16	11		10.92	40.0	2-15/16	12		18.24	95.0	2-15/16		
19		14.02	17.0	1-11/16	12		11.88	41.0	3-7/16	15		22.70	144.0	2-15/16		
20		14.75	21.0	1-11/16	13		12.85	47.0	3-7/16	TABLE 3-3 CHAINS 720, 720S (P 6.00) (R 1-7/16)						
21		15.49	22.0	1-11/16	14		13.82	51.0	3-7/16	# OF TEETH	TOOTH FACE 1"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE		
22		16.22	24.0	1-15/16	15		14.79	54.0	3-7/16	15.76	57.0	3-7/16	6	12.00	60	2-15/16
23		16.95	26.0	1-15/16	16		15.74	61.0	3-7/16	8	15.68	70	2-15/16			
24 ◊		17.68	27.0	1-15/16	17		17.71	72.0	3-7/16	9	17.51	80	3-7/16			
25 ◊		18.41	29.0	1-15/16	18		18.68	74.0	3-7/16	10	19.42	95	3-7/16			
26 ◊		19.15	31.0	1-15/16	19		19.66	77.0	3-7/16	11	21.30	105	3-7/16			
27 ◊		19.87	32.5	2-7/16	20		20.63	86.0	3-7/16	12 ☆	23.18	120	3-7/16			
28 ◊		20.61	34.0	2-7/16	21 ☆		21.61	90.0	3-7/16	13	25.07	130	3-15/16			
30 ◊		22.08	35.0	2-7/16	22 ☆		22.58	95.0	3-7/16	15	28.86	155	3-15/16			
32 ◊		23.55	39.0	2-7/16	23☆		23.56	105.0	3-15/16	16	30.75	180	3-15/16			
33 ◊		24.28	39.5	2-7/16	24 ☆		24.53	106.0	3-15/16	19 ◊	36.44	220	3-15/16			
34 ◊		25.01	42.0	2-7/16	25 ◊		25.51	115.0	3-15/16	20 ☆	38.36	242	3-15/16			
35 ◊		25.75	44.0	2-7/16	26 ☆		26.49	118.0	3-15/16	HT13	12.89	65	2-15/16			
36 ◊		26.47	45.0	2-7/16	27 ◊		27.49	126.0	3-15/16	HT17	16.59	85	3-7/16			
38 ◊		27.95	47.0	2-11/16	28 ◊		28.44	130.0	3-15/16	HT19	18.45	95	3-7/16			
40 ◊		29.42	49.0	2-11/16	29 ◊		29.42	134.0	3-15/16	HT21	20.33	110	3-7/16			
44 ◊		32.34	50.0	2-11/16	30 ◊		30.39	145.0	3-15/16	HT23☆	22.21	128	3-15/16			
45 ◊		33.06	51.0	2-11/16	31 ◊		31.37	150.0	3-15/16	HT25☆	24.01	142	3-15/16			
48 ◊		35.29	53.0	2-11/16	32 ◊		32.25	155.0	3-15/16	TABLE 3-5 CHAINS 730 (P 6.00) (R 1.5)						
60 ◊		44.08	212.0	3-7/16	33 ◊		33.33	160.0	3-15/16	# OF TEETH	TOOTH FACE 1-1/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE		
TABLE 2-14 CHAINS 483 (P 4.00) (R .94)					34 ◊		34.30	165.0	3-15/16	35.28	167.0	3-15/16	6	12.00	50	2-15/16
# OF TEETH	TOOTH FACE 11/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	35 ◊		37.24	175.0	3-15/16	8	15.68	65	2-15/16			
8	CAST IRON CHILLED RIM	10.45	30.0	2-7/16	38 ◊		39.19	210.0	4-7/16	9	17.51	78	2-15/16			
9		11.70	35.0	2-7/16	40 ◊		41.15	218.0	4-7/16	10	19.42	98	3-7/16			
12		15.45	65.0	2-15/16	42		43.11	224.0	4-7/16	11	21.30	105	3-7/16			
13		16.72	70.0	2-15/16	44 ◊		47.02	260.0	4-7/16	12 ☆	23.18	125	3-7/16			
19 ◊		24.30	124.0	3-7/16	48 ◊		48.00	266.0	4-7/16	13 ◊	25.07	135	3-7/16			
TABLE 4-1 CHAINS 823 (P 4.00) (R 25/32)					49 ◊		14 ◊	16 ◊	28.86	160	3-15/16					
# OF TEETH	TOOTH FACE 1-1/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	30.75		190	3-15/16	34.55	207	3-15/16					
8	CAST IRON CHILLED RIM	10.45	25.0	2-7/16	45.97		314	3-15/16	45.97	314	3-15/16					
10		12.95	45.0	2-11/16	17.51		82	2-15/16	17.51	82	2-15/16					
11		14.20	54.0	2-11/16	18.46		100	3-7/16	22.21	130	3-7/16					
12		15.46	60.0	2-15/16	24.01		145	3-7/16	24.01	145	3-7/16					
13		16.71	56.0	2-15/16	26.02		160	3-7/16	(P) PITCH (R) ROLL ◊ SPOKE ARM ☆ PLATE CENTER WITH LIGHTENING HOLES							
14		17.98	65.0	2-15/16												
16 ◊		20.51	81.0	2-15/16												
17 ◊		21.77	86.0	2-15/16												
18 ◊		23.04	91.0	2-15/16												
19 ◊		24.26	95.0	2-15/16												
24 ◊		30.65	138.0	2-15/16												

Table 4-2 Chains 825 (P 4.00) (R 1-5/32 BUSH)					Table 6-1 Chains MC-33 SM 120 9250 (P 2.5) (R 1.25 Barrel)					Table 8-1 Chains H-97 H-98 (P 5.00) (R 1-3/8)				
# OF TEETH	TOOTH FACE 1-1/4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 3/4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 3"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE
10	CAST IRON CHILLED RIM	12.94	58.0	2-15/16	6	GRAY IRON	5.00	5.0	1-7/16	6	CAST IRON CHILLED RIM	9.98	48.0	2-15/16
11		14.20	65.0	2-15/16	7		5.76	9.0	1-7/16	7		11.52	69.0	2-15/16
12		15.45	78.0	3-7/15	8		6.53	10.0	1-7/16	8		13.07	80.0	2-15/16
13		16.71	82.0	3-7/15	10		8.09	12.0	1-7/16	10		16.15	90.0	3-7/16
14		17.98	94.0	3-15/16	11		8.87	16.0	1-15/16	Table 8-2 Chains H-102 (P 5.00) (R 1.5)				
15 ◊		19.24	112.0	3-15/16	12		9.66	19.0	1-15/16	# OF TEETH	TOOTH FACE 6-1/4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE
16 ◊		20.50	115.0	3-15/16	14		11.24	23.0	1-15/16					
19 ◊		24.30	140.0	3-15/16	15		12.03	25.0	1-15/16					
Table 4-3 Chains 830 6830 (P6.00) (R 1-5/32)					16		12.81	30.0	1-15/16					
# OF TEETH	TOOTH FACE 1-5/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	Table 7-8 Chains H87, H124, WS124, WR124, WH124, C124 (P 4.00) (R 1-3/4)					8	CAST IRON CHILLED RIM	13.07	102.0	2-15/16
6	CAST IRON CHILLED RIM	12.00	58.5	2-7/16	CAST IRON CHILLED RIM	# OF TEETH	TOOTH FACE 1-1/2"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	9	14.58	129.0	2-15/16
8		15.68	79.0	3-7/16		7	9.22	38.0	2-11/16	12	16.18	147.0	2-15/16	
9		17.54	88.0	3-7/16		8	10.45	49.0	2-15/16	13	19.32	193.0	2-15/16	
10		19.42	102.0	3-7/16		9	11.70	58.0	2-15/16	Table 8-3 Chains H-104 6104 (P 6.00) (R 1.5)				
11		21.20	105.0	3-7/16		10	12.94	62.0	3-7/16	# OF TEETH	TOOTH FACE 4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE
12		23.18	121.0	3-7/16		11	14.20	69.0	3-7/16					
13 ◊		25.07	142.0	3-15/16		12	15.45	82.0	3-15/16					
15 ◊		28.86	168.0	3-15/16		13	16.71	90.0	3-15/16					
16 ◊		30.75	180.0	3-15/16		14	17.98	98.0	3-15/16	CAST IRON CHILLED RIM	TOOTH FACE 4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE
HT-23☆		22.21	125.0	3-7/16		15	19.24	112.0	3-15/16					
Table 4-4 Chains 844 6844 (P 6.00) (R 1-5/32)					16	20.50	122.0	3-15/16						
# OF TEETH	TOOTH FACE 2-1/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	17	21.77	131.0	3-15/16						
8	CAST IRON CHILLED RIM	15.68	94.0	3-15/16	19	23.04	147.0	3-15/16						
9		17.54	112.0	3-15/16	20	24.30	152.0	3-15/16						
10		19.42	125.0	3-15/16	22 ◊	25.57	161.0	3-15/16						
11		21.30	140.0	3-15/16	27 ◊	28.11	184.0	3-15/16	(P) PITCH (R) ROLL ◊ SPOKE ARM ☆ PLATE CENTER WITH LIGHTENING HOLES	TOOTH FACE 4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
12		23.18	160.0	3-15/16	28 ◊	34.46	240.0	3-15/16						
13		25.07	171.0	3-15/16	29 ◊	35.73	250.0	3-15/16						
15 ◊		28.86	200.0	3-15/16	30 ◊	38.27	270.0	3-15/16						
16 ◊		30.75	217.0	3-15/16	47.18	410.0	3-15/16							
19 ◊		36.45	275.0	3-15/16										

Table 8-4 Chains H-110, H-113, 6110 (DRAG), WD110, WSD110, WS110 (PT-C) (P 6.00) (R 1.5)					Table 8-9 Chains H-118, H-117 (P 8.00) (R 1-11/16)					Table 10-1 Chains 4455, 9455 (P 1.630) (R 11/16) (cont.)				
# OF TEETH	TOOTH FACE 8-7/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 11-1/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 11/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE
5	CAST IRON CHILLED RIM	10.15	120.0	2-15/16	7	C.I.C.R.	18.44	220.0	2-15/16	26	GRAY IRON	13.53	32.0	2-7/16
6		12.00	140.0	2-15/16	8		20.90	350.0	2-15/16	27 ◊		14.05	39.0	2-7/16
7		13.84	160.0	2-15/16	Table 8-11 Chains H-122 (P 8.00) (R 2.00)					28 ◊		14.57	40.0	2-7/16
8		15.68	190.0	2-15/16	# OF TEETH	TOOTH FACE 8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	29 ◊		15.09	44.0	2-7/16
9		17.54	230.0	2-15/16	17.54	C.I.C.R.	18.44	200	2-15/16	30 ◊		15.60	50.0	2-7/16
10		19.42	265.0	2-15/16	7	C.I.C.R.	18.44	200	2-15/16	32 ◊		16.64	54.0	2-7/16
11		21.30	315.0	2-15/16	Table 8-12 Chains H-480, 8480, 480, WS480, WD480, WSD480 (P 8.00) (R 2.00)					34 ◊		17.68	60.0	2-11/16
12		23.18	355.0	2-15/16	# OF TEETH	TOOTH FACE 11-1/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	35 ◊		18.20	63.0	2-11/16
15		28.86	610.0	2-15/16	28.86	C.I.C.R.	18.44	200	2-15/16	36 ◊		18.71	65.0	2-11/16
Table 8-5 Chains H-120 (P 6.00) (R 2.00)					6	CAST IRON CHILLED RIM	16.00	320.0	2-15/16	38 ◊		19.75	78.0	2-11/16
# OF TEETH	TOOTH FACE 8-3/4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	7		18.44	340.0	2-15/16	40 ◊		20.79	97.0	2-11/16
6	12.00	120.0	2-15/16	8	20.90		374.0	2-15/16	48 ◊	24.94		114.0	2-11/16	
8	15.68	175.0	2-15/16	9	23.39		410.0	2-15/16	58 ◊	30.11		160.0	2-15/16	
9	17.54	190.0	2-15/16	10	25.89		440.0	2-15/16	Table 10-2 Chains C60, D60, C160 (P 2.307) (R 3/4)					
10	19.42	215.0	2-15/16	# OF TEETH	TOOTH FACE 9"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	6	GRAY IRON	4.61	4.0	1-3/16	
Table 8-6 Chains SD-19, SD19A, CC119, HC119 (P 6.00) (R 2.00)					8	C.I.C.R.	23.48	455.0	3-7/16		7	5.32	8.0	1-3/16
# OF TEETH	TOOTH FACE 3-1/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	Table 8-13 Chains SD21, SD21A, CC121, HC121 (P 9.00) (R 2.5)						8	6.03	10.8	1-11/16
6	C.I.C.R.	12.00	96.0	3-7/16	# OF TEETH	TOOTH FACE 5-1/2"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE		9	6.75	13.0	1-15/16
Table 8-7 Chains H112, WD112, WSD112 (P 8.00) (R 1.5)					8	C.I.C.R.	22.46	300.0	3-7/8		10	7.46	14.0	1-15/16
# OF TEETH	TOOTH FACE 9"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	8	C.I.C.R.	22.46	300.0	3-7/8		13	9.64	27.0	1-15/16
Table 8-8 Chains H-116, 8116, WS116, WD116, WSD116 (P 8.00) (R 1-5/8)					Table 10-1 Chains 4455, 9455 (P 1.630) (R 11/16)						Table 10-4 Chains H78, H79, BRH, 188, C188, SS188, 700, MXS881, MXS882, MSR-1288, 433-1/2, H74, H75, H78A, H78B, H78SR, BRH188, MW188RT, 488, SS578, 81X (P 2.609) (R 7/8)			
7	CAST IRON CHILLED RIM	18.44	155	2-15/16	# OF TEETH	TOOTH FACE 11/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 15/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE
8		20.90	190	2-15/16	8	GRAY IRON	4.26	5.0	1-7/16	6	5.52	9.0	1-7/16	
10		25.89	250	2-15/16	9		4.77	7.5	1-15/16	7	6.01	12.0	1-15/16	
					10		5.28	8.0	1-15/16	8	6.82	17.0	2-7/16	
# OF TEETH	TOOTH FACE 12-3/4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	11		5.79	8.5	1-15/16	9	7.63	22.0	2-11/16	
6	16.00	385.0	2-15/16	12	6.30		9.5	2-3/16	10	8.44	23.0	2-11/16		
7	18.44	400.0	2-15/16	13	6.82		11.0	2-3/16	11	9.26	25.0	2-11/16		
8	20.90	420.0	2-15/16	14	7.33		13.0	2-3/16	12	10.08	32.0	2-11/16		
9	23.39	460.0	2-15/16	15	7.85		15.0	2-3/16	13	10.90	35.0	2-11/16		
				16	8.36		16.0	2-3/16	14	11.72	37.0	2-11/16		
(P) PITCH (R) ROLL ◊ SPOKE ARM ★ PLATE CENTER WITH LIGHTENING HOLES					17		8.88	17.0	2-3/16	15	12.55	39.0	2-15/16	
	18	9.39	18.0	2-3/16	16		13.37	43.0	2-15/16					
	19	9.91	20.0	2-3/16	17		14.20	45.0	2-15/16					
	20	10.43	25.0	2-3/16	18		15.02	46.0	2-15/16					
	21	10.94	26.0	2-7/16	19		15.85	48.0	2-15/16					
	22	11.46	28.0	2-7/16	20		16.68	51.0	2-15/16					
	23	11.98	29.0	2-7/16	21		17.50	57.0	2-15/16					

Table 10-4 Chains H78, H79, BRH, 188, C188, SS188, 700, MXS881, MXS882, MSR-1288, 433-1/2, H74, H75, H78A, H78B, H78SR, BRH188, MW188RT, 488, SS578, 81X (P 2.609) (R 7/8) (CONT.)					Table 10-6 Chains C102-1/2, SS102-1/2 (P 4.03) (R 1-3/8)					Table 10-8 Chains C111, C111C, SS111, 6111 (P 4.760) (R 1-7/16)				
# OF TEETH	TOOTH FACE 15/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 1-7/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 2-3/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE
22	CAST IRON CHILLED RIM	18.33	63.0	3-7/16	6	CAST IRON CHILLED RIM	8.08	30.0	1-15/16	6	CAST IRON CHILLED RIM	9.52	47.0	1-15/16
23		19.16	64.0	3-7/16	8		10.56	55.0	2-15/16	7		10.99	54.0	2-7/16
24		19.99	65.0	3-7/16	9		11.81	62.0	2-15/16	8		12.44	62.0	2-15/16
25 ☆		20.81	67.0	3-7/16	10		13.07	64.0	2-15/16	9		13.92	69.0	2-15/16
26 ☆		21.64	75.0	3-7/16	11		14.34	70.0	2-15/16	10		15.40	84.0	2-15/16
27 ☆		22.47	80.0	3-7/16	12		15.61	78.0	2-15/16	11		16.90	89.0	2-15/16
28 ☆		23.30	85.0	3-7/16	13		16.88	85.0	2-15/16	12		18.39	104.0	2-15/16
29 ☆		24.13	87.0	3-7/16	14		18.16	94.0	2-15/16	13		19.89	117.0	2-15/16
30 ☆		24.96	90.0	3-7/16	15		19.43	105.0	2-15/16	14		21.39	132.0	2-15/16
31 ☆		25.79	92.0	3-7/16	16		20.71	112.0	2-15/16	15		22.89	134.0	2-15/16
32 ◊		26.61	100.0	3-7/16	17		21.98	122.0	2-15/16	16 ☆		24.35	163.0	3-7/16
33 ◊		27.45	102.0	3-7/16	19		24.55	140.0	2-15/16	17 ◊		25.90	170.0	3-7/16
34 ◊		28.27	104.0	3-7/16	20 ◊		25.83	150.0	2-15/16	18 ◊		27.41	185.0	3-7/16
35 ◊		29.10	112.0	3-7/16	22 ◊		28.39	175.0	3-7/16	20 ☆		30.43	212.0	3-7/16
36 ◊		29.93	115.0	3-7/16	24 ◊		30.95	190.0	3-7/16	22 ◊		33.44	230.0	3-7/16
37 ◊		30.76	119.0	3-7/16	26 ◊		33.33	230.0	3-7/16	24 ◊		36.41	255.0	3-7/16
38 ◊		31.59	124.0	3-15/16	Table 10-7 Chains C102B, SS102B, 6102B (P 4.00) (R 31/32)					Table 10-9 Chains C111 Spec., SS111 Spec., 6111 Spec. (P 4.760 x 7 .240) (R 1-7/16)				
39 ◊		32.42	130.0	3-15/16	# OF TEETH	TOOTH FACE 1-7/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 2-3/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE
40 ◊		33.25	135.0	3-15/16										
41 ◊	CAST IRON CHILLED RIM	34.08	137.0	3-15/16	6	CAST IRON CHILLED RIM	8.00	31.0	2-7/16	8	C.I.C.R.	15.74	90.0	2-15/16
42 ◊		34.91	139.0	3-15/16	7		9.22	44.0	2-7/16	10		19.40	107.0	2-15/16
43 ☆		35.74	145.0	3-15/16	8		10.45	49.0	2-15/16	12		23.22	148.0	2-15/16
44 ◊		36.57	150.0	3-15/16	9		11.70	65.0	3-7/16	Table 10-10 Chains C110, C110C, SS110, 6110 (STL-KN.), WS110 (JEFF.) (P 6.00) (R 1.25)				
45 ◊		37.41	154.0	3-15/16	10		12.94	67.0	3-7/16	# OF TEETH	TOOTH FACE 1-7/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE
48 ◊		39.89	173.0	3-15/16	11		14.20	68.0	3-7/16					
49 ◊		40.72	170.0	3-15/16	12		15.45	75.0	3-7/16	6	CAST IRON CHILLED RIM	12.00	63.0	2-15/16
52 ◊		43.21	180.0	3-15/16	13		16.71	82.0	3-7/16	7		13.84	68.0	2-15/16
54 ◊		44.87	196.0	3-15/16	14		17.98	93.0	3-7/16	8		15.68	71.0	2-15/16
55 ◊		45.70	205.0	3-15/16	15		19.24	98.0	3-7/16	9		17.54	83.0	2-15/16
					16		20.50	104.0	3-7/16	10		19.42	88.0	2-15/16
					17		21.76	111.0	3-7/16	11 ☆		21.30	121.0	2-15/16
					18 ◊		23.04	115.0	3-7/16	12 ☆		23.18	124.0	2-15/16
					19 ☆		24.30	124.0	3-7/16	13 ☆		25.07	152.0	3-7/16
					20 ◊		25.57	126.0	3-7/16	14 ◊		26.96	160.0	3-7/16
					21 ◊		26.84	137.0	3-7/16	16 ◊		30.75	181.0	3-7/16
					22 ◊		28.11	148.0	3-7/16	18 ◊		34.55	206.0	3-7/16
					24 ◊		30.65	172.0	3-7/16	19 ◊		36.46	214.0	3-15/16
(P) PITCH (R) ROLL ◊ SPOKE ARM ☆ PLATE CENTER WITH LIGHTENING HOLES														
										HT-19		18.45	120.0	3-15/16
										HT-23		22.24	138.0	2-15/16
										24 ◊		45.97	340.0	4-7/16
										HT-25☆		24.12	124.0	2-15/16

Table 10-11 Chains C1316, SS46 (P 6.00) (R 1.25)				Table 11-3 Chains H-131 (P 4.00) (R 1.5)				Table 13-6 Chains 17, 520-RX, SS-520, IS-2625 (P 2.563) (R 1-1/8)													
# OF TEETH	TOOTH FACE 7/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 1-5/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 7/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE							
7	CAST IRON CHILLED RIM	13.63	85.0	3-7/16	7	CAST IRON CHILLED RIM	9.22	31.0	2-7/16	10	GRAY IRON	8.29	30.0	2-15/16							
10		19.42	130.0	3-7/16	9		11.70	50.0	2-7/16	12		9.90	40.0	3-7/16							
11		21.30	145.0	3-7/16	12		15.45	57.0	2-7/16	16		14.76	65.0	3-7/16							
12		23.15	155.0	3-7/16	14		17.98	70.0	2-15/16	24		19.64	84.0	3-15/16							
Table 10-12 Chains C132, C132C, MBP132, MBP132C, PW132, SS150 + (P 6.050) (R 1-25/32)				20◊	Table 11-4 Chains 500 (P 4.00) (R 1.5)				25.57	105.0	2-15/16	30	24.52	100.0	3-15/16						
# OF TEETH	TOOTH FACE 2-3/4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	Table 11-4 Chains 500 (P 4.00) (R 1.5)				Table 13-6 Chains 17, 520-RX, SS-520, IS-2625 (P 2.563) (R 1-1/8)				Table 13-8 Chains A508, A508H, B508H (P 2.620) (R 1.00)								
					# OF TEETH	TOOTH FACE 7/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 7/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE							
					5	10.20	80.0	2-15/16	9.22	28.0	2-7/16	40	32.67	165.0	4-7/16						
					6	12.10	92.0	3-7/16	10.45	30.0	2-7/16	6	5.24	12.0	1-15/16						
					8	15.81	108.0	3-7/16	11.70	32.0	2-7/16	8	6.84	16.0	2-3/16						
					9	17.70	126.0	3-7/16	12.94	39.0	2-7/16	9	7.66	18.5	2-3/16						
					10	19.57	145.0	3-7/16	15.45	51.0	2-7/16	10	8.48	22.0	2-3/16						
					11	21.48	168.0	3-7/16	Table 11-5 Chains 535, 535T (P 6.25) (R 1.0)				9.30	24.0	2-3/16						
					12	23.38	215.0	3-7/16	Table 11-5 Chains 535, 535T (P 6.25) (R 1.0)				10.12	32.0	2-7/16						
					13	25.38	230.0	3-7/16	# OF TEETH	TOOTH FACE 4-1/2"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	12	11.77	37.0	2-7/16				
					14 ◊	27.19	252.0	3-7/16	7	GRAY IRON	13.83	69.0	2-15/16	15	12.60	41.0	2-7/16				
					15 ◊	29.13	272.0	3-7/16	8	IRON	15.68	78.0	2-15/16	16	13.43	44.0	2-7/16				
					16 ◊	31.01	295.0	3-7/16	Table 13-3 Chains IS8, R-362, R-432, LXS-622, LXS-625, LXS-62, LXS-627 (P 1.654) (R 1-3/16)				16.75	54.0	2-15/16						
					18 ◊	34.84	345.0	3-15/16	# OF TEETH	TOOTH FACE 13/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	22 ◊	18.41	61.0	2-15/16				
					19 ◊	35.76	486.0	3-15/16	8	13/16"	12.0	2-11/16	30 ◊	20.90	70.0	2-15/16					
					20 ◊	38.67	495.0	3-15/16	Table 13-3 Chains IS8, R-362, R-432, LXS-622, LXS-625, LXS-62, LXS-627 (P 1.654) (R 1-3/16)				21.74	74.0	2-15/16						
Table 10-13 Chains PW133, C133 (P 6.00) (R 1-3/4)				6	TOOTH FACE 1-1/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	3.31	4.0	1-5/16	26 ◊	Table 13-9 Chains MSR-303, 303 (P 3.00) (R 7/8)								
# OF TEETH				7					3.81	5.5	1-7/16	28 ◊	5.87	10.0	2-3/16						
				8					4.32	6.0	1-7/16	30 ◊	6.39	12.0	2-11/16						
				9					4.84	7.5	1-7/16	33 ◊	6.91	14.0	2-11/16						
				10					5.35	9.5	1-15/16	Table 13-9 Chains MSR-303, 303 (P 3.00) (R 7/8)									
				11					5.87	10.0	2-3/16	# OF TEETH	TOOTH FACE 3/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE					
				12					6.39	12.0	2-11/16	6	7.43	16.0	2-11/16	6.00	7.0	1-7/16			
				13					7.96	19.0	2-15/16	8	7.96	19.0	2-15/16	7.84	10.0	1-7/16			
				14					8.48	24.0	2-15/16	9	8.48	24.0	2-15/16	8.77	13.0	1-7/16			
				15					9.00	26.0	2-15/16	12	9.00	26.0	2-15/16	9.71	16.0	1-7/16			
				16					9.53	30.0	2-15/16	Table 13-10 Chains MSR-3013, SR183, 53R, 1183, 1583C (P 3.00) (R 1.5)				11.59	19.0	1-7/16			
				17					10.05	32.0	2-15/16	# OF TEETH	TOOTH FACE 13/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE					
				18					10.57	24.0	3-7/16	6	12.67	27.0	3-7/16	6.00	10.0	2-3/16			
				19					13.72	30.0	3-7/16	7	13.72	30.0	3-7/16	6.92	12.0	2-3/16			
				20					17.40	49.0	3-7/16	8	17.40	49.0	3-7/16	7.84	18.0	2-3/16			
				21					23.71	105.0	3-7/16	9	23.71	105.0	3-7/16	8.77	21.0	2-3/16			
				22					23.71	60.0	3-7/16	10	23.71	60.0	3-7/16	9.71	24.0	2-7/16			
				23					25.82	75.0	3-7/16	11	25.82	75.0	3-7/16	10.65	28.0	2-7/16			
				24					(P) PITCH (R) ROLL ◊ SPOKE ARM ☆ PLATE CENTER WITH LIGHTENING HOLES												

Table 13-10 Chains MSR-3013, SR183, 53R, 1183, 1583C (P 3.00) (R 1.5) (CONT.)					Table 13-12 Chains MXS-40, MXS-1031, MSR-1539, MXS-3075, SS554, SS40, 1030, E1033, R1035, 1037, CHAMP 3 (P 3.075) (R 1.25) (CONT.)					Table 13-16 Chains SR-188, LXS-4113, SS2188 (P 4.00) (R 1.75)				
# OF TEETH	TOOTH FACE 13/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 1-1/4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 1"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE
12	CAST IRON CHILLED RIM	11.59	30.0	2-7/16	31 ◊	CAST IRON CHILLED RIM	30.39	189.0	4-15/16	5	CAST IRON CHILLED RIM	6.78	14.0	2-7/16
13		12.54	33.0	2-7/16	32 ◊		31.37	193.0	4-15/16	6		8.00	20.0	2-7/16
14		13.49	36.0	2-7/16	33 ◊		32.35	215.0	4-15/16	7		9.22	22.0	2-7/16
15		14.43	38.0	2-11/16	34 ◊		33.33	218.0	4-15/16	8		10.45	28.0	2-7/16
16		15.38	47.0	2-11/16	35 ◊		34.31	220.0	5-7/16	9		11.70	32.0	2-7/16
18		17.28	55.0	2-11/16	36 ◊		35.28	229.0	5-7/16	10		12.94	34.0	2-7/16
19		18.23	58.0	2-11/16	PC-37(1)		36.26	402.0	5-7/16	12		15.46	49.0	2-15/16
20		19.18	65.0	2-11/16	SA-37◊		36.26	234.0	5-7/16	13		16.71	54.0	2-15/16
25 ◊		23.94	85.0	2-15/16	PC-38		37.24	426.0	5-7/16	15		19.24	72.0	2-15/16
38 ◊		36.33	140.0	2-15/16	SA-38◊		37.24	252.0	5-7/16	19 ◊		24.30	94.0	2-15/16
Table 13-11 Chains MXS-3011, 568 (P 3.067) (R 1.62)					38.25		250.0	5-7/16	24 ◊	30.64		140.0	3-7/16	
# OF TEETH	TOOTH FACE 1-3/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	39 ◊	CAST IRON CHILLED RIM	39.19	261.0	5-7/16	Table 13-17 Chains GL-194, LXS-4216, 83-R, US-90-R, SR-194, 14½, 194, U194, 2066, S1194, 1400, 1594 (P 4.00) (R 2.00)				
					40 ◊		41.15	300.0	5-7/16	# OF TEETH	TOOTH FACE 1"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE
	CAST IRON CHILLED RIM	11.85	80.0	3-7/16	44 ◊		43.10	321.0	5-7/16					
12		13.78	90.0	3-7/16	46 ◊		45.06	330.0	5-7/16	7	CAST IRON CHILLED RIM	9.22	28.0	2-7/16
14		14.75	100.0	3-7/16	PC-48★		47.02	782.0	6-7/16	8		10.45	32.0	2-7/16
15		23.50	130.0	3-7/16	55 ◊		53.86	600.0	5-7/16	9		11.70	33.0	2-7/16
24		25.44	145.0	3-7/16	Table 13-13 Chains MXS-3514, RX238, 1616A (P 3.50) (R 1.75)					10		12.94	35.0	2-7/16
Table 13-12 Chains MXS-40, MXS-1031, MSR-1539, MXS-3075, SS554, SS40, 1030, E1033, R1035, 1037, CHAMP 3 (P 3.075) (R 1.25)					# OF TEETH	TOOTH FACE 1-1/4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	11	CAST IRON CHILLED RIM	14.20	45.0	2-7/16
# OF TEETH	TOOTH FACE 1-1/4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	12		13.42	74.0	2-15/16	14		15.45	50.0	2-15/16
					15		16.77	97.0	3-7/16	15		17.98	90.0	2-15/16
	CAST IRON CHILLED RIM	6.15	21.0	2-7/16	Table 13-14 Chains LXS4013, MSR, 4013, 95R, 1520C, SS1120, RR1120 (P 4.00) (R 1.5)					19 ◊		19.14	72.0	2-15/16
6		8.04	24.0	2-7/16	# OF TEETH	TOOTH FACE 7/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	11		24.30	100.0	2-15/16
8		9.96	44.0	3-7/16						12		17.98	90.0	2-15/16
10		10.92	51.0	3-7/16	5	CAST IRON CHILLED RIM	6.81	12.0	1-15/16	14		19.24	85.0	3-7/16
11 (1)		11.88	60.0	3-7/16	6		8.00	23.0	2-15/16	6		20.50	94.0	3-7/16
12		12.85	68.0	3-7/16	7		9.20	24.0	2-15/16	8		21.77	107.0	3-7/16
13 (1)		13.82	75.0	3-7/16	8		10.45	29.0	2-15/16	10		22.94	49.0	3-7/16
14		14.79	76.0	3-15/16	9		11.70	38.0	2-15/16	12		24.30	120.0	3-7/16
15		15.76	82.0	3-15/16	10		12.94	40.0	2-15/16	14		26.11	165.0	3-7/16
16		16.73	100.0	3-15/16	11		14.19	45.0	2-15/16	15		27.05	190.0	3-7/16
17		17.71	105.0	3-15/16	12		15.45	61.0	3-7/16	16 ★		28.50	244.0	3-7/16
18 (1)		18.68	112.0	3-15/16	14		17.98	76.0	3-7/16	17 ★		29.42	180.0	4-15/16
19		19.66	116.0	3-15/16	15		19.24	86.0	3-7/16	19 ★		30.35	197.0	4-15/16
20		20.63	121.0	4-7/16	16		20.50	97.0	3-7/16	Table 13-19 Chains SS60, DD1113, SR3113, 3½ (P 4.04) (R 2.00)				
21		21.61	130.0	4-7/16	18	CAST IRON CHILLED RIM	23.04	115.0	3-7/16	# OF TEETH	TOOTH FACE 1-3/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE
22		22.57	132.0	4-7/16	19		24.30	125.0	3-7/16					
23		23.56	145.0	4-7/16	22		26.11	165.0	3-7/16					
24		25.51	148.0	4-7/16	24 ◊		30.65	190.0	3-7/16					
25		26.49	165.0	4-7/16	31 ◊		39.54	244.0	3-7/16	9		31.81	40.0	2-15/16
26		27.46	171.0	4-7/16	35 ◊		44.62	322.0	3-7/16	10		33.07	45.0	2-15/16
27		(1) PATTERN IS LONG (P) PITCH (R) ROLL ◊ SPOKE ARM ★ PLATE CENTER WITH LIGHTENING HOLES												

Table 13-19 Chains SS60, SS1113, SR3113, 3½ (P 4.04) (R 2.00) (CONT.)				Table 13-22 Chains MXS-1245 (P 4.073) (R 1.7812) (CONT.)				Table 13-31 Chains SS, 856, 6856 (P 6.00) (R 1.75)											
# OF TEETH	TOOTH FACE 1-1/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 1-3/4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 2-5/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE					
11	CAST IRON CHILLED RIM	14.34	50.0	2-15/16	11	CAST IRON CHILLED RIM	14.42	92.0	4-7/16	7	CAST IRON CHILLED RIM	13.83	122.0	2-15/16					
12		15.61	60.0	3-7/16	12		15.70	121.0	4-15/16	8		15.68	130.0	2-15/16					
13		16.88	68.0	3-7/16	13		16.98	130.0	4-15/16	10		19.42	200.0	3-7/16					
14		18.16	85.0	3-7/16	14		18.26	141.0	4-15/16	11		21.30	230.0	3-7/16					
16		20.71	95.0	3-7/16	15		19.54	153.0	4-15/16	12		23.18	245.0	3-7/16					
17		21.99	104.0	3-7/16	16		20.82	164.0	4-15/16	13		25.07	260.0	3-7/16					
18		23.67	110.0	3-7/16	17		22.11	180.0	4-15/16	14		26.96	285.0	3-7/16					
24 ◊		30.95	178.0	3-7/16	18		23.40	194.0	4-15/16	15		28.86	300.0	3-7/16					
Table 13-21 Chains SS124, 1240, R-1248, IS-4110, IS-4106, S557, LXS1242, 1244 (Not Jeff), 1241 (Not Jeff) (P 4.063) (R 1.75)				24 ◊	CAST IRON CHILLED RIM	31.12	378.0	4-15/16	Table 13-32 Chains MSR-1116, MSR-6018, GL-196, SS-1114, 604R, 196, 2126 (P 6.00) (R 2.00)										
# OF TEETH	TOOTH FACE 1-3/4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE		28 ◊	36.29	425.0	4-15/16	# OF TEETH		TOOTH FACE 1"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE				
				30 ☆		38.87	561.0	4-15/16											
6	CAST IRON CHILLED RIM	8.13	30.0	2-11/16	Table 13-25 Chains MXS-5028, 5031 (P 5.00) (R 2.5)				5	CAST IRON CHILLED RIM	10.21	36.0	2-15/16						
7		9.36	39.0	2-11/16	# OF TEETH	TOOTH FACE 2-5/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	6		12.00	45.0	2-15/16						
8		10.62	52.0	2-15/16	CAST IRON CHILLED RIM	10.89	279.0	3-7/16	7		13.83	52.0	2-15/16						
9		11.88	61.0	2-15/16		13	C.I.C.R.	20.89	279.0		15.68	63.0	3-7/16						
10		13.15	69.0	3-7/16		Table 13-26 Chains 197, SR-3130, GL-197, SS-2190, MR-1130, 1617, 614, 607R, CC5, LXS-6238 (P 6.00) (R 2.5)						17.54	80.0	3-7/16					
11		14.42	78.0	3-7/16		# OF TEETH	TOOTH FACE 1-1/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	10	19.42	86.0	3-7/16						
12		15.70	96.0	3-15/16		15.70	12.00	45.0	2-15/16	23.18	104.0	3-7/16							
13		16.98	102.0	3-15/16	6	13.83	61.0	2-15/16	13◊	25.07	119.0	3-7/16							
14		18.26	112.0	3-15/16	7	15.68	69.0	3-7/16	14 ◊	26.96	135.0	3-7/16							
15		19.54	122.0	3-15/16	8	17.54	80.0	3-7/16	16 ☆	30.75	163.0	3-7/16							
16		20.82	140.0	3-15/16	9	22.11	142.0	3-15/16	18	34.55	195.0	3-15/16							
17		23.40	161.0	3-15/16	10	23.40	161.0	3-15/16	19	36.45	310.0	3-15/16							
18		24.68	175.0	3-15/16	12 ◊	24.68	175.0	3-15/16	25	47.87	304.0	3-15/16							
19		27.26	210.0	3-15/16	CAST IRON CHILLED RIM	Table 13-27 Chains MSR-96 MSR-996, 2124, A2178, A2198, 1007D, 96, 96R, 96RX, SS96, SS2178, SS996 (P 6.00) (R 2.75)				CAST IRON CHILLED RIM	Table 13-33 Chains 530, 628R, 1126, 2, 2180 (P 6.00) (R 2.25)				# OF TEETH	TOOTH FACE 1-3/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE
21 ◊		28.55	218.0	3-15/16		# OF TEETH	TOOTH FACE 1-3/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.		12.00	60.0	2-15/16						
22 ◊		31.12	240.0	3-15/16		31.12	12.00	12.0	2-15/16		15.68	64.0	2-15/16						
24 ◊	CAST IRON CHILLED RIM	33.42	250.0	3-15/16	6	15.68	23.0	2-15/16	16 ☆	CAST IRON CHILLED RIM	30.76	200.0	3-15/16						
25 ◊		36.29	310.0	3-15/16	8	19.42	24.0	3-7/16	20 ◊		38.36	260.0	3-15/16						
28 ◊		37.58	330.0	3-15/16	10	23.18	29.0	3-15/16											
30 ☆		38.87	346.0	3-15/16	12	25.07	38.0	3-15/16											
32 ◊		41.45	378.0	3-15/16	13	28.86	40.0	3-15/16											
34 ◊		44.03	402.0	3-15/16	15	30.76	45.0	3-15/16											
37 ◊		47.90	471.0	3-15/16	16 ◊	45.97	61.0	3-15/16											
Table 13-22 Chains MXS-1245 (P 4.073) (R 1.7812)				24 ◊	Table 13-29 Chains 632-R (P 6.00) (R 3.00)														
# OF TEETH	TOOTH FACE 1-3/4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 1-7/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 2-5/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE					
8	CAST IRON CHILLED RIM	10.62	60.0	3-15/16	7	C.I.C.R.	13.83	32.0	2-7/16	CAST IRON CHILLED RIM	(P) PITCH (R) ROLL ◊ SPOKE ARM ☆ PLATE CENTER WITH LIGHTENING HOLES								
9		11.88	75.0	3-15/16															
10		13.15	87.0	4-7/16															

Table 13-34 Chains SS951, SS2184, LXS6438, S1131, S951, 1906, 6SPEC, SS314, SS1131, 1734, 2183, 1131R, 631E, 626R, 2184, 2184R, 2184AC, 126C, 126CMR, MR126C, 156CMR, MNR156C, U1131 (P 6.00) (R 3.00)					Table 13-43 Chains F-1233, SS-1240, E1233, SS1233, B1264R (P 12.00) (R 4.00 F)					TABLE 13-50 CHAINS SS911 (P 9.00) (R 3.00)						
# OF TEETH	TOOTH FACE 1-1/4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 1-3/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 1-1/4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE		
6	CAST IRON CHILLED RIM	12.00	62.0	3-15/16	6	C.I.C.R.	24.00	160.0	3-15/16	6	C.I.C.R.	18.00	74.0	2-15/16		
8		15.68	78.0	3-15/16	8		31.36	210.0	3-15/16	8		23.52	150.0	3-7/16		
9		17.54	92.0	3-15/16	Table 13-44 Chains SS-4850, 1265R (P 12.0) (R 3.00)					10 ◊		29.12	175.0	3-7/16		
12 ◊		23.18	153.0	4-7/16	# OF TEETH	TOOTH FACE 1-7/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	Table 13-51 Chains E922, SS927, MRS927, 1751 (P 9.00) (R 3.5)						
13 ◊		25.03	175.0	4-7/16	8	C.I.C.R.	31.43	220.0	2-15/16	# OF TEETH	TOOTH FACE 1-5/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE		
14 ☆		26.96	190.0	4-7/16	Table 13-45 Chains SS4851, 4009 (P 9.00) (R 3.00)					6	C.I.C.R.	18.00	112.0	2-15/16		
16 ◊		30.75	225.0	4-7/16	Table 13-46 Chains SS-4852, 4004 (P 9.00) (R 3.0)					8		23.52	170.0	3-7/16		
25 ◊		47.87	350.0	4-7/16	# OF TEETH	TOOTH FACE 1-7/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	Table 13-52 Chains F1244, RS1244 (P 12.0) (R 5.0)						
Table 13-38 Chains SS-922, SS-930, B963R, SS4002, F922, 809, F930, E931, SS922 (P 9.00) (R 3.5 F)					Table 13-47 Chains 4, SS4, 40SP, 94R, LXS4019, 1120 (P 4.00) (R 1.5)					# OF TEETH	TOOTH FACE 1-1/2"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE		
# OF TEETH	TOOTH FACE 1-1/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	10	C.I.C.R.	29.12	210.0	2-15/16	# OF TEETH	TOOTH FACE 1-1/2"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE		
6	CAST IRON CHILLED RIM	18.00	74.0	2-15/16	Table 13-48 Chains 126MR (P 6.00) (R 3.00)					6	C.I.C.R.	24.00	220.0	3-15/16		
8		23.52	150.0	3-7/16	# OF TEETH	TOOTH FACE 2"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	8		31.36	300.0	3-15/16		
9 ◊		26.31	160.0	3-7/16	10	C.I.C.R.	29.12	198.0	2-15/16	Table 14-1 Chains 348, X-348 (P 3.031) (R 1.06)						
10 ◊		29.12	175.0	3-7/16	Table 14-2 Chains 458, X-458 (P 4.031) (R 1.44)					# OF TEETH	TOOTH FACE 11/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE		
Table 13-39 Chains SS-928 (P 9.00) (R 1.875)					# OF TEETH	TOOTH FACE 3/4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	4	CAST IRON CHILLED RIM	7.92	15.0	1-15/16		
# OF TEETH	TOOTH FACE 1-5/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	6	CAST IRON CHILLED RIM	8.00	22.0	2-7/16	5		9.71	18.0	1-15/16		
6	C.I.C.R.	18.00	94.0	2-15/16	8		10.45	27.0	2-7/16	6		11.59	24.0	1-15/16		
8		23.52	120.0	3-7/16	9		11.70	36.0	2-15/16	7		13.48	32.0	2-7/16		
Table 13-40 Chains SS-933, SS-940, SS-932, F933, 933, F940, F932, F929 (P 9.00) (R 4.00 F)					10		12.94	39.0	2-15/16	9		17.28	56.0	2-7/16		
# OF TEETH	TOOTH FACE 1-1/4"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	12		15.45	59.0	2-15/16	10		19.18	68.0	2-7/16		
6	C.I.C.R.	18.00	93.0	3-7/16	15		17.98	74.0	3-7/16	11		21.03	75.0	2-7/16		
7		20.74	112.0	3-7/16	16		19.24	84.0	3-7/16	12		22.98	83.0	2-7/16		
8		23.52	152.0	3-15/16	24 ◊		20.50	95.0	3-7/16	16 ◊		30.60	120.0	2-15/16		
Table 13-41 Chains SS-942 (P 9.00) (R 2-3/8)					30.65		185.0	3-15/16	19 ◊	36.33		159.0	2-15/16			
Table 13-42 Chains SS-1222, B-1263R, A1263R, F1222 (P 12.0) (R 3.5 F)					Table 13-48 Chains 126MR (P 6.00) (R 3.00)					Table 14-3 Chains 458, X-458 (P 4.031) (R 1.44)						
# OF TEETH	TOOTH FACE 2"	# OF TEETH	TOOTH FACE 1"	PITCH DIA. IN.	# OF TEETH	TOOTH FACE 1"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 7/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE		
8	C.I.C.R.	23.52	178.0	3-15/16	8	C.I.C.R.	15.68	78.0	3-15/16	3	CAST IRON CHILLED RIM	7.95	20.0	2-7/16		
Table 13-44 Chains SS-1222, B-1263R, A1263R, F1222 (P 12.0) (R 3.5 F)					12 ◊		23.18	153.0	4-7/16	4		10.54	34.0	2-15/16		
# OF TEETH	TOOTH FACE 1"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	Table 13-49 Chains SS658, 625R, 1258, 1604R (P 6.00) (R 3.00)					5		13.05	46.0	2-15/16		
6	C.I.C.R.	24.00	157.0	3-7/16	# OF TEETH	TOOTH FACE 1-1/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	6		15.68	60.0	2-15/16		
8		31.36	210.0	3-15/16	6	C.I.C.R.	12.00	62.0	3-15/16	7		18.12	71.0	2-15/16		
					8		15.68	78.0	3-15/16	8		20.66	95.0	3-7/16		
										9		23.13	130.0	3-7/16		
										10		25.77	145.0	3-7/16		
										11		28.33	160.0	3-7/16		
										12		30.68	200.0	3-7/16		
										14 ◊		35.87	228.0	3-15/16		
										19 ◊		48.63	345.0	3-15/16		
(P) PITCH (R) ROLL ◊ SPOKE ARM ☆ PLATE CENTER WITH LIGHTENING HOLES																

Table 14-3 Chains 468 (P 4.031) (R 1.88)					Table 14-9 Chains 1112 (P 3.69) (R 1.75)					Table 20-3 Chains 830 Chain Saver Flanged Sprockets (P 6.00) (R 1-5/32) (FLANGE WIDTH 3-3/4)					
# OF TEETH	TOOTH FACE 1-3/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 7/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 1-5/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
4	CAST IRON CHILLED RIM	10.53	36.0	2-7/16	9	CAST IRON CHILLED RIM	10.79	40.0	2-15/16	HT 23	C.I.C.R.	22.21	152.0	3-7/16	
5		13.05	46.0	2-15/16	10		11.94	45.0	2-15/16	12		23.18	160.0	3-7/16	
6		15.58	60.0	2-15/16	11		13.10	50.0	2-15/16	Table 20-4 Chains H78 Chain Saver Flanged Sprockets (P 2.609) (R 7/8) (FLANGE WIDTH 3-1/4)					
7		18.12	92.0	2-15/16	12		14.26	55.0	2-15/16	# OF TEETH	TOOTH FACE 15/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
8		20.66	118.0	2-15/16	15		17.75	63.0	2-15/16	8	CAST IRON CHILLED RIM	6.82	21.0	2-7/16	
9		23.21	148.0	3-7/16	18		21.25	84.0	3-7/16	11		9.26	36.0	2-7/16	
10		25.77	160.0	3-7/16	19		22.42	90.0	3-7/16	12		10.08	40.0	2-11/16	
12		30.88	240.0	3-7/16	Table 20-1 Chains 720, 720S Chain Saver Flanged Sprockets (P 6.00) (R 1-7/16) (FLANGE WIDTH 3)					14		11.72	48.0	2-11/16	
Table 14-4 Chains 658 (P 6.031) (R 1.41)					# OF TEETH	TOOTH FACE 1"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	15	CAST IRON CHILLED RIM	12.55	52.0	2-15/16	
# OF TEETH	TOOTH FACE 7/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	9	17.51	114.0	3-7/16	16	13.37		55.0	2-15/16		
5	C.I.C.R.	19.52	85.0	3-7/16	10	19.42	120.0	3-7/16	18	15.02		58.0	2-15/16		
6		23.30	118.0	3-7/16	11	21.30	124.0	3-7/16	19	15.85		62.0	2-15/16		
8		30.83	140.0	3-15/16	13	25.07	220.0	3-15/16	20	16.68		65.0	3-7/16		
Table 14-5 Chains 678, X678 (P 6.031) (R 2.0)					16 ◊	CAST IRON CHILLED RIM	30.75	225.0	3-15/16	22		18.33	72.0	3-7/16	
# OF TEETH	TOOTH FACE 1-3/16"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	HT 13		12.89	98.0	3-7/16	24		19.99	78.0	3-7/16	
					HT 17		16.59	105.0	3-7/16	28 ☆		23.30	120.0	3-7/16	
3	CAST IRON CHILLED RIM	12.03	50.0	2-15/16	HT 19		18.45	116.0	3-7/16	Table 20-5 Chains H124 Chain Saver Flanged Sprockets (P 4.00) (R 1-7/16) (FLANGE WIDTH 5)					
4		15.72	75.0	3-7/16	HT 21		20.33	130.0	3-7/16	# OF TEETH	TOOTH FACE 1-1/2"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
5		19.38	115.0	3-7/16	HT23		22.21	137.0	3-15/16	10	C.I.C.R.	12.93	79.0	3-7/16	
6		23.24	148.0	3-7/16	HT 25☆		24.01	160.0	3-15/16	Table 20-6 Chains C102B Chain Saver Flanged Sprockets (P 6.00) (R 1.5) (FLANGE WIDTH 4-1/8)					
7		27.03	190.0	3-7/16	Table 20-2 Chains 730 Chain Saver Flanged Sprockets (P 6.00) (R 1.5) (FLANGE WIDTH 3)					# OF TEETH	TOOTH FACE 1-7/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
8		30.83	240.0	3-15/16	Table 20-2A Chains 825 Chain Saver Flanged Sprockets (P 4.00) (R 1.5/32) (FLANGE WIDTH 3-1/4)					12.94	85.0	2-15/16			
Table 14-6 Chains 698 (P 6.031) (R 2.69)					HT18	CAST IRON CHILLED RIM	17.54	110.0	2-15/16	10	CAST IRON CHILLED RIM	14.20	92.0	2-15/16	
# OF TEETH	TOOTH FACE 1-3/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	HT19		18.45	120.0	3-7/16	11		15.45	99.0	2-15/16	
5	CAST IRON CHILLED RIM	19.52	122.0	3-15/16	HT23		22.21	140.0	3-7/16	12		16.71	107.0	3-7/16	
6		23.24	162.0	3-15/16	HT25☆		24.01	165.0	3-7/16	13		17.98	115.0	3-7/16	
7		26.96	200.0	3-15/16	HT27☆		25.81	175.0	3-7/16	14		19.24	121.0	3-7/16	
8 ☆		30.92	275.0	3-15/16	Table 20-2A Chains 825 Chain Saver Flanged Sprockets (P 4.00) (R 1.5/32) (FLANGE WIDTH 3-1/4)					20.50	127.0	3-7/16			
Table 14-7 Chains 998 (P 9.031) (R 2.52)					# OF TEETH	TOOTH FACE 1-1/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	16	21.76	130.0	3-7/16		
# OF TEETH	TOOTH FACE 1-3/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	14	C.I.C.R.	17.93	100.0	2-15/16	18 ◊	23.04	133.0	3-7/16		
4	C.I.C.R.	23.53	195.0	3-15/16	(P) PITCH (R) ROLL ◊ SPOKE ARM ☆ PLATE CENTER WITH LIGHTENING HOLES					19 ☆	24.30	140.0	3-7/16		
5		29.14	304.0	4-7/16						20 ◊	25.57	143.0	3-7/16		
6		34.81	325.0	4-7/16						24 ◊	30.65	180.0	3-7/16		

TABLE 20-7 CHAINS C102-1/2 CHAIN SAVER FLANGED SPROCKET (P 4.03) (R 1-3/8) (FLANGE WIDTH 4-1/4)					TABLE 20-10 CHAINS C131 CHAIN SAVER FLANGED SPROCKET (P 3.075) (R 1.25) (FLANGE WIDTH 3)					
# OF TEETH	TOOTH FACE 1-7/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	# OF TEETH	TOOTH FACE 1-1/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
9	C.I.C.R.	24.48	148.0	2-15/16	10	CAST IRON CHILLED RIM	9.95	44.0	2-15/16	
24 ♦		30.95	165.0	2-15/16	11		10.92	49.0	2-15/16	
TABLE 20-8 CHAINS C110 CHAIN SAVER FLANGED SPROCKET (P 6.00) (R 1.25) (FLANGE WIDTH 4-1/2)					15	CAST IRON CHILLED RIM				
# OF TEETH	TOOTH FACE 1-7/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	16	14.79	66.0	2-15/16		
CAST IRON CHILLED RIM	CAST IRON CHILLED RIM	15.68	110.0	2-15/16	24 ☆	15.76	70.0	2-15/16		
		19.42	132.0	2-15/16	40 ♦	19.61	93.0	2-15/16		
		21.30	141.0	2-15/16	TABLE 20-11 CHAINS C132 CHAIN SAVER FLANGED SPROCKET (P 6.05) (R 1-25/32) (FLANGE WIDTH 6-1/8)					
		23.15	154.0	2-15/16	# OF TEETH	CAST IRON CHILLED RIM	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
		25.07	167.0	2-15/16			17.69	220.0	3-7/16	
		30.75	202.0	2-15/16			19.58	244.0	3-7/16	
		18.45	150.0	2-15/16			21.48	268.0	3-7/16	
		22.24	175.0	2-15/16			23.34	290.0	3-7/16	
		24.12	190.0	2-15/16			25.38	315.0	3-7/16	
TABLE 20-9 CHAINS C111 CHAIN SAVER FLANGED SPROCKET (P 4.760 X 7.24) (R 1-7/16) (FLANGE WIDTH 4-3/4)					13					
# OF TEETH	TOOTH FACE 2-3/8"	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	14 ♦	CAST IRON CHILLED RIM	27.19	340.0	3-7/16	
CAST IRON CHILLED RIM	CAST IRON CHILLED RIM	12.44	85.0	2-15/16	15 ♦		29.13	355.0	3-7/16	
		15.40	94.0	2-15/16	16 ♦		31.01	364.0	3-7/16	
		18.57	117.0	2-15/16	18 ♦		34.84	449.0	3-7/16	
		19.89	122.0	2-15/16	19 ♦		36.76	520.0	3-15/16	
		21.39	130.0	2-15/16	TABLE 20-13 CHAINS S856 CHAIN SAVER FLANGED SPROCKET (P 6.00) (R 1.75) (FLANGE WIDTH 4-3/4)					
		22.89	142.0	3-7/16	# OF TEETH	CAST IRON CHILLED RIM	PITCH DIA. IN.	APPROX. WEIGHT IN LBS.	LARGEST BORE AT REGULAR PRICE	
		24.40	161.0	3-7/16			29.22	345.0	4-15/16	
		25.90	188.0	3-7/16			38.67	610.0	3-15/16	
		27.41	245.0	3-7/16	TABLE 20-14 CHAINS 844 CHAIN SAVER FLANGED SPROCKET (P 6.00) (R 1-5/32) (FLANGE WIDTH 2-1/8)					
20	C.I.C.R.	30.43	290.0	3-7/16	C.I.C.R.	23.18	200.0	3-15/16		
		33.44	318.0	3-7/16		# OF TEETH		28.86	280.0	3-15/16
		36.47	390.0	3-7/16				15 ☆	280.0	3-15/16

(P) PITCH (R) ROLL ♦ SPOKE ARM ☆ PLATE CENTER WITH LIGHTENING HOLES

CHAIN NUMBER	NUMBER OF TEETH	BODY NUMBER	PITCH DIAMETER	WEIGHT IN LBS.
H-78	18	80	15.02	75
H-78	24	120	19.99	98
SS-40	13	80	12.85	65
103	20	120	19.66	80
C-102B	11	100	14.20	90
C-102B	12	100	15.45	108
C-102B	14	120	17.98	115
C-102B	15	120	19.24	120
C-102B	16	120	20.50	125
C-102B	18	160	23.04	135
C-102B	19	160	24.30	140
C-102B	20	200	25.57	155
C-102B	24	250	30.65	180
C-102½	12	100	15.61	110
C-102½	13	100	16.88	120
C-102½	19	160	24.55	140
C-110	8	100	15.68	45
C-110	9	120	17.54	65
C-110	10	120	19.42	75
C-110	11	120	21.30	90
C-110	12	160	23.18	100
C-110	13	160	25.07	130
C-110	16	250	30.75	170
C-111	11	100	16.90	75
C-111	12	120	18.39	85
C-111	14	120	21.39	100
C-111	16	160	24.35	140
C-111	20	200	30.43	170
C-111 SPEC.	10	120	19.46	110
C-111 SPEC.	12	160	23.22	135
C-131	16	100	15.76	70
C-132	9	120	17.70	110
C-132	12	160	23.38	145
C-132	13	160	25.38	165
678	4	80	15.72	85
678	6	120	23.24	115
698	5	100	19.42	105
698	6	120	23.30	115
698	7	160	27.10	130
698	8	200	30.91	145
830	9	100	15.68	55
830	10	120	19.42	65
830	11	120	21.20	70
830	12	160	23.18	85
830	13	160	25.07	95
856	9	120	17.54	100
856	10	120	19.42	110
856	11	120	21.30	120
856	12	160	23.18	130
856	13	160	25.07	160
856	14	200	26.96	200
856	15	200	28.86	210
856	16	200	30.76	220
H-124	12	80	15.45	100
H-124	14	120	17.98	115
1251	8	250	31.36	230
998	5	200	29.14	150
4009	10	200	29.13	150
SS-4852	10	200	29.12	250

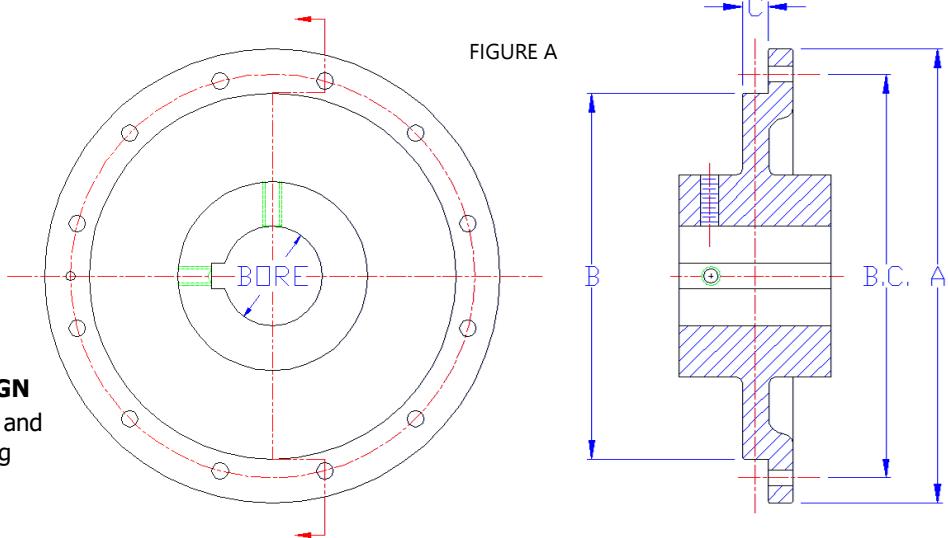
TABLE 30-2 TRACTION WHEELS (WITH BOLTS, WASHERS, &amp; NUTS) CHILLED RIM

CHAIN NUMBER	OUTSIDE DIAMETER	BODY NUMBER	FACE WIDTH	WEIGHT IN LBS.
88	14	80	15/16	55
88	15	100	15/16	68
88	20	120	15/16	105
C102B	12	80	1-7/8	58
C102B	14	80	1-7/8	65
C102B	16	100	1-7/8	74
C102B	18	120	1-7/8	88
C102B	19-3/4	120	1-7/8	110
C102B	23-3/4	160	1-7/8	125
C102B	27	200	1-7/8	140
C102B	29-1/4	250	1-7/8	152
C111	15-1/2	100	2-3/8	100
C111	20	160	2-3/8	128
C111	22	160	2-3/8	134
C111	24	160	2-3/8	145
C111	26	200	2-3/8	157
C111	30	250	2-3/8	170
C132	21-1/2	160	2-3/4	125
C132	24	160	2-3/4	135
S825	24-3/8	200	1-1/4	120
830	17-1/2	120	1-5/16	75
830	18-1/4	120	1-5/16	80
844	20	160	2-1/8	125
844	22	160	2-1/8	130
844	23-7/8	160	2-1/8	137
844	27-3/4	200	2-1/8	150
856	20	120	2-3/4	98
856	24	160	2-3/4	135
856	26	200	2-3/4	155
856	27-3/4	200	2-3/4	180
856	30	250	2-3/4	195
X-859	20	160	3-1/2	132
X-859	24	160	3-1/2	174

**NOTE:** For C-110 and C-102-1/2 Segmental Rim Traction Wheels Refer to C102B.

#### SEGMENTAL RIM BASIC BODY DESIGN

For use with Segmental Sprocket Wheels and Traction Wheels. Design permits reversing rims for double life and central wheel location, relative to the hubs.



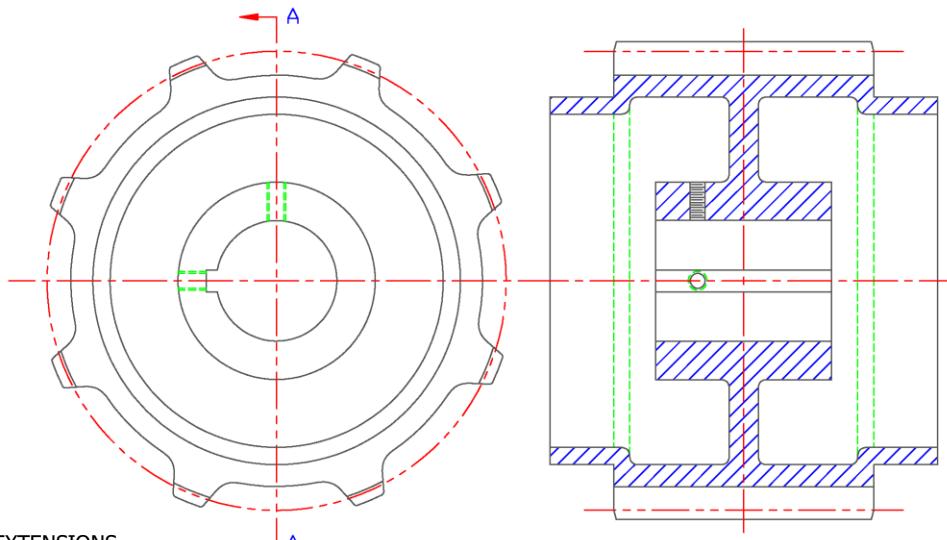
BODY NUMBER	BORE SIZE	SOLID WEIGHT	SPLIT WEIGHT	BODY NUMBER	BORE SIZE	SOLID WEIGHT	SPLIT WEIGHT
80	1-15/16	22	—	200	2-7/16	125	133
	2-7/16	24	—		2-15/16	135	148
	2-15/16	34	—		3-7/16	143	154
100	1-15/16	42	46		3-15/16	153	173
	2-7/16	44	52		4-7/16	157	177
	2-15/16	54	67		4-15/16	165	208
	3-7/16	62	—		5-7/16	178	221
	3-15/16	72	—		5-15/16	189	250
	4-7/16	76	—		6-7/16	215	—
120	1-15/16	50	54	250	2-7/16	180	188
	2-7/16	52	60		2-15/16	190	203
	2-15/16	62	75		3-7/16	198	209
	3-7/16	70	82		3-15/16	208	228
	3-15/16	80	—		4-7/16	212	232
	4-7/16	84	—		4-15/16	220	263
	4-15/16	92	—		5-7/16	233	276
160	2-7/16	90	98		5-15/16	244	289
	2-15/16	100	113		6-7/16	270	316
	3-7/16	108	119	315	2-7/16	266	274
	3-15/16	118	138		2-15/16	276	289
	4-7/16	122	142		3-7/16	284	295
	4-15/16	130	—		3-15/16	294	314
	5-7/16	143	—		4-7/16	298	318
	5-15/16	154	—		4-15/16	306	349

BODY #	MIN P.D.	A	B	C	B.C.	REFERENCE FIGURE A PAGE 30
80	12"	9-3/4"	6-1/2"	3/4"	8"	
100	15-1/2"	11-3/4"	8-1/2"	3/4"	10"	
120	17-1/2"	13-3/4"	10-1/2"	7/8"	12"	
160	21-1/2"	18"	14-1/2"	1"	16"	
200	25-1/2"	21-3/4"	1-1/2"	1"	20"	
250	30-1/2"	26-3/4"	23-1/2"	1"	25"	
315	37"	33-1/2"	29-1/2"	1"	31-1/2"	

Table 40-1 Chains 88 Traction Wheels				Table 40-4 Chains 884, 844R (JEFF) Traction Wheels				Table 40-8 Chains C111 Traction Wheels						
OUTSIDE DIAMETER	FACE WIDTH 15/16"	BORE	WEIGHT	OUTSIDE DIAMETER	FACE WIDTH 2-1/8"	BORE	WEIGHT	OUTSIDE DIAMETER	FACE WIDTH 2-1/4"	BORE	WEIGHT			
10	CAST IRON CHILLED RIM	2-7/16	30	12	CAST IRON CHILLED RIM	2-15/16	65	9-1/2	CAST IRON CHILLED RIM	2-7/16	50			
12		2-15/16	45	16		2-15/16	90	14-9/16		2-15/16	85			
12-1/2		2-15/16	50	19-3/4		2-15/16	109	15-1/2		2-15/16	91			
13-1/4		2-15/16	58	22-1/4		2-15/16	130	18		2-15/16	105			
14		2-15/16	62	23-3/4		2-15/16	148	20		3-7/16	135			
15		2-15/16	65	27-3/4		3-7/16	172	22		3-7/16	143			
15-1/2		2-15/16	68	29		3-7/16	190	23		3-7/16	146			
16		2-15/16	70	Table 40-5 Chains H60, C55 Traction Wheels				23-3/4		3-7/16	149			
18		2-15/16	75	OUTSIDE DIAMETER	FACE WIDTH 11/16"	BORE	WEIGHT	26		3-7/16	165			
19		2-15/16	80					29-1/2		3-7/16	198			
20		2-15/16	85	8	C.I.C.R.	2-7/16	24	30-3/4		3-7/16	210			
Table 40-1 Chains H82, C131, 823, 4103, S131, 103, 730 Traction Wheels				18-3/4		2-7/16	65	Table 40-9 Chains C132 Traction Wheels						
OUTSIDE DIAMETER	FACE WIDTH 1-1/8"	BORE	WEIGHT	Table 40-7 Chains C102B, C110, C102-1/2 Traction Wheels				OUTSIDE DIAMETER	FACE WIDTH 2-3/4"	BORE	WEIGHT			
7	CAST IRON CHILLED RIM	1-15/16	25	CAST IRON CHILLED RIM	OUTSIDE DIAMETER	BORE	WEIGHT	13	CAST IRON CHILLED RIM	3-7/16	120			
9-5/8		2-7/16	38					2-15/16		3-7/16	124			
14 5/8		2-15/16	49					2-15/16		3-7/16	128			
16		2-15/16	60					2-15/16		3-7/16	138			
17		2-15/16	70					2-15/16		3-7/16	147			
18		2-15/16	75					2-15/16		3-7/16	186			
20		2-15/16	90					2-15/16		3-7/16	190			
22		2-15/16	115					2-15/16		3-7/16	205			
22-1/2		2-15/16	125					2-15/16		3-7/16	210			
24		2-15/16	135					2-15/16		3-7/16	225			
29-3/8		2-15/16	170					2-15/16		3-7/16	280			
Table 40-3 Chains SS40, 825, 830 Traction Wheels				22	Table 40-10 Chains SS856 Traction Wheels				Table 40-11 Chains 720 Traction Wheels					
OUTSIDE DIAMETER	FACE WIDTH 1-1/4"	BORE	WEIGHT	22-3/4				2-15/16	135	OUTSIDE DIAMETER	FACE WIDTH 2-5/8"			
				23	2-15/16				2-15/16	139	BORE	WEIGHT		
10-1/2	CAST IRON CHILLED RIM	2-15/16	45	23-3/4	2-15/16				2-15/16	143	20	CAST IRON CHILLED RIM		
14		2-15/16	60	27-5/8	3-7/16				3-7/16	160	21-1/2			
15-1/2		2-15/16	68	29-5/8	3-7/16				3-7/16	166	26			
16		2-15/16	72	33	3-7/16				3-7/16	175	27-3/4			
17		2-15/16	79	29-1/2				3-7/16						
18-1/4		2-15/16	86	30				3-7/16						
20		2-15/16	95	Table 40-11 Chains 720 Traction Wheels				OUTSIDE DIAMETER		FACE WIDTH 1"	BORE			
22		2-15/16	105	15				15		2-15/16	62			
24		2-15/16	120	15-1/2				15-1/2		2-15/16	65			
27-3/4		2-15/16	140	18-1/4				18-1/4		2-15/16	85			
31		2-15/16	160											

Table 50-1 Side Extension Sprockets (C.I.C.R.)

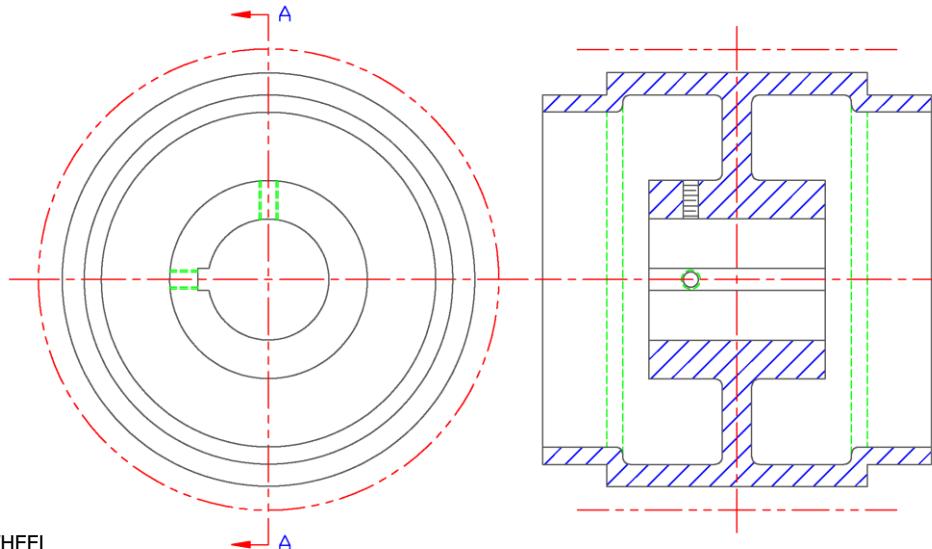
CHAIN NUMBER	NUMBER OF TEETH	TOOTH FACE	PITCH DIAMETER IN INCHES	OVERALL WIDTH W/FLANGE	LARGEST BORE AT REGULAR PRICE	WEIGHT
H-102	8	6-1/4	13.04	11-1/2	2-15/16	185
H-102	10	6-1/4	16.15	11-1/2	2-15/16	230
H-104	6	4	12.00	12	2-15/16	145
H-104	7	4	13.83	12	2-15/16	170
H-104	8	4	15.65	12	2-15/16	200
H-104	9	4	17.52	12	2-15/16	240
H-104	10	4	19.39	12	2-15/16	290
H-104	11	4	21.27	12	2-15/16	345
H-104	12	4	23.18	12	2-15/16	390
H-110	6	8-7/8	12.00	16-3/8	2-15/16	220
H-110	8	8-7/8	15.68	16-3/8	2-15/16	310
H-110	9	8-7/8	17.54	16-3/8	2-15/16	360
H-110	10	8-7/8	19.42	16-3/8	2-15/16	410
H-110	11	8-7/8	21.30	16-3/8	2-15/16	450
H-112	7	9	18.44	16-1/2	2-15/16	250
H-112	8	9	20.90	16- 1/2	2-15/16	290
H-116	7	12-3/4	18.44	20-1/2	2-15/16	640
H-116	8	12-3/4	20.90	20-1/2	2-15/16	710
H-116	9	12-3/4	23.39	20-1/2	2-15/16	800
H-118	7	11-1/4	18.44	20	2-15/16	690
H-118	8	11-1/4	20.90	20	2-15/16	780
H-480	6	11-1/4	16.00	22	2-15/16	490
H-480	7	11-1/4	18.44	22	2-15/16	560
H-480	8	11-1/4	20.90	22	2-15/16	645
H-480	9	11-1/4	23.39	22	2-15/16	750
H-480	10	11-1/4	25.89	22	2-15/16	840
C-132	10	2-3/4	19.58	14	3-7/16	560
C-132	11	2-3/4	21.44	14	3-7/16	625
C-132	12	2-3/4	23.34	14	3-7/16	680



DRAG CHAIN WITH SIDE EXTENSIONS

Table 50-2 Side Extension Traction Wheels (Gray Iron)

CHAIN NUMBER	DIAMETER	FACE WIDTH	OVERALL WIDTH W/FLANGE	LARGEST BORE AT REGULAR PRICE	APPROX. WEIGHT IN LBS.
H-102	11-1/2	6-1/4	11-1/2	2-15/16	135
H-102	14-5/8	6-1/4	11-1/2	2-15/16	180
H-104	10-1/2	4	12	2-15/16	125
H-104	12-3/8	4	12	2-15/16	145
H-104	14	4	12	2-15/16	170
H-104	16	4	12	2-15/16	205
H-104	17-3/4	4	12	2-15/16	250
H-104	19 3/4	4	12	2-15/16	305
H-104	20-1/8	4	12	2-15/16	345
H-110	10-1/4	8-7/8	16-3/8	2-15/16	175
H-110	14	8-7/8	16-3/8	2-15/16	250
H-110	15-7/8	8-7/8	16-3/8	2-15/16	290
H-110	17-3/4	8-7/8	16-3/8	2-15/16	335
H-110	19-5/8	8-7/8	16-3/8	2-15/16	365
H-112	16-3/4	9	16-1/2	2-15/16	200
H-112	19-1/4	9	16-1/2	2-15/16	230
H-116	16-7/8	12-3/4	20-1/2	2-15/16	395
H-116	19	12-3/4	20-1/2	2-15/16	485
H-116	21-3/4	12-3/4	20-1/2	2-15/16	550
H-118	13-7/8	11-1/4	20	2-15/16	495
H-118	16-1/2	11-1/4	20	2-15/16	560
H-480	13-7/8	11-1/4	22	2-15/16	440
H-480	16-1/4	11-1/4	22	2-15/16	510
H-480	18-3/4	11-1/4	22	2-15/16	540
H-480	21-1/8	11-1/4	22	2-15/16	600
H-480	23-7/8	11-1/4	22	2-15/16	630
C-132	16-1/4	2-3/4	14	3-7/16	510
C-132	18-1/4	2-3/4	14	3-7/16	570
C-132	20-1/4	2-3/4	14	3-7/16	620



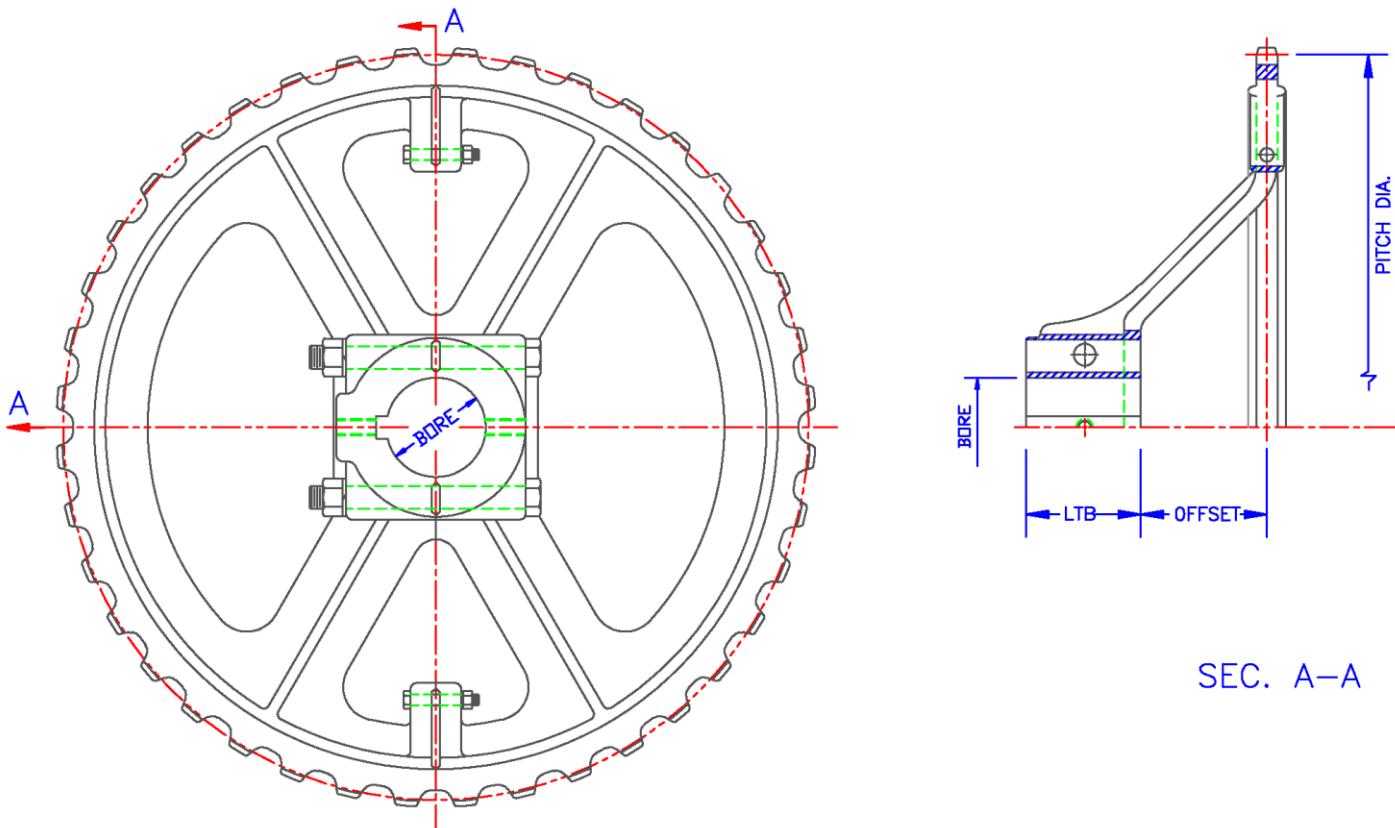
DRAG CHAIN TRACTION WHEEL

SEC. A-A

ALL BREWTON DISHED SPROCKETS ARE CAST IRON CHILLED RIM, UNLESS OTHERWISE NOTED,  
AND ARE PRODUCED WITH ASTM, A-48 CL35 GRAY IRON.

SPROCKET	DWG.	P.D.	WEIGHT	MAX. BORE AT REGULAR PRICE	HUB DIA.	L.T.B.	MAXIMUM OFFSET
H78T18	W3224	15.02	90	2-15/16	5-1/2	5-1/2	3
H78T30	W2685	24.96	200	3-7/16	6	5-5/8	3-3/4
H78T40	W2526	33.25	295	3-15/16	8	5	6-1/4
H78T40	W2840	33.25	210	2-7/16	5	4-3/8	2-3/8
W78T40	W2107	33.25	250	3-7/16	6	5	2-1/2
H78T40	W2834	33.25	300	3-15/16	8	5	4-1/4
H78T40	W2575	33.25	265	3-15/16	8	5-1/4	5-5/8
H78T40	W2364	33.25	335	3-15/16	8	7-3/4	6-1/4
H78T40	W2662	33.25	390	4-7/16	7-3/4	8	5-1/8
H78T40	W2965	33.25	305	3-15/16	8	5	6-1/2
433-1/2T43	W2138A	35.74	330	3-15/16	6-3/4	5-1/2	6-3/4
H78T48	W2529	39.89	350	4-15/16	8-1/2	5	6-1/4
H78T48	W2760	39.89	425	4-15/16	8-1/2	8-1/4	6-1/4
H78T48	W2839	39.89	495	4-15/16	8-1/2	8-1/4	4-3/4
H78T48	W3213	39.89	390	3-15/16	6-3/4	8	5-3/16
H78T30 (60P.)	W2847	49.78	550	4-15/16	8-1/2	6-1/4	6-7/8
4103T40	W2560	39.19	415	4-15/16	8-1/2	6-1/2	6-7/8
77T38	W2572	27.94	185	2-15/16	6	3-1/4	2-7/32
77T44	W2835	32.34	265	3-7/16	8	5	5-7/8
LXS620T45 ◊	W2804	23.71	165	2-15/16	6	4-1/16	2
445T44 ◊	W2861	22.85	150	2-3/16	3-1/2	2-1/4	3-3/4

◊ NOT CHILLED RIM



SEC. A-A

## SHEAR PIN HUBS

Shear Pin Hubs are used as a safety device to protect machinery from overload. The Shear Pin Hub is keyed to the shaft, and connected to the loose wheel by a pin which will transmit only the normal power requirements, plus a pre-determined overload, without shearing. The selection of a shear pin, rated at slightly more than twice the torque requirements, is usually the proper size to use. We offer two types of Shear Pin Hubs:

**STYLE 1** is the most popular of the two types, because it requires less space than Style 2. On this type, the wheel is mounted on the flange hub, and held in place by a collar.

**STYLE 2** consists of the loose wheel, and the flange hub, both mounted on the shaft. A bearing, or set collar, should be placed against the free side of the wheel. Shear pins are normally mounted in hardened steel bushings, and are notched.

## IMPORTANT ORDERING INFORMATION:

When ordering, be sure to include Style, Bore Diameter, and Diameter of Shear Pin Neck.

## Determining the Proper Shear Pin Hub to Use

The general rule to follow in selecting a shear pin hub, is that the torque ratings of the shear pin should be slightly more than two times the torque requirement. When the horsepower is known, find the torque requirement by the following formula:

$$\text{TORQUE} = \frac{\text{6300} \times \text{HORSEPOWER REQUIRED}}{\text{RPM}}$$

You can find the actual torque rating to use by following the formula, if the working load at the pitch line of the wheel is known:

$$\text{TORQUE RATING} = \frac{\text{D}}{\text{wheel diameter in inches}} \times \frac{\text{X}}{\text{working load at wheel pitch line}}$$

## TORQUE RATINGS OF SHEAR PINS BASED ON ACTUAL ULTIMATE SHEAR VALUES

(Ratings in Inch-Pounds)

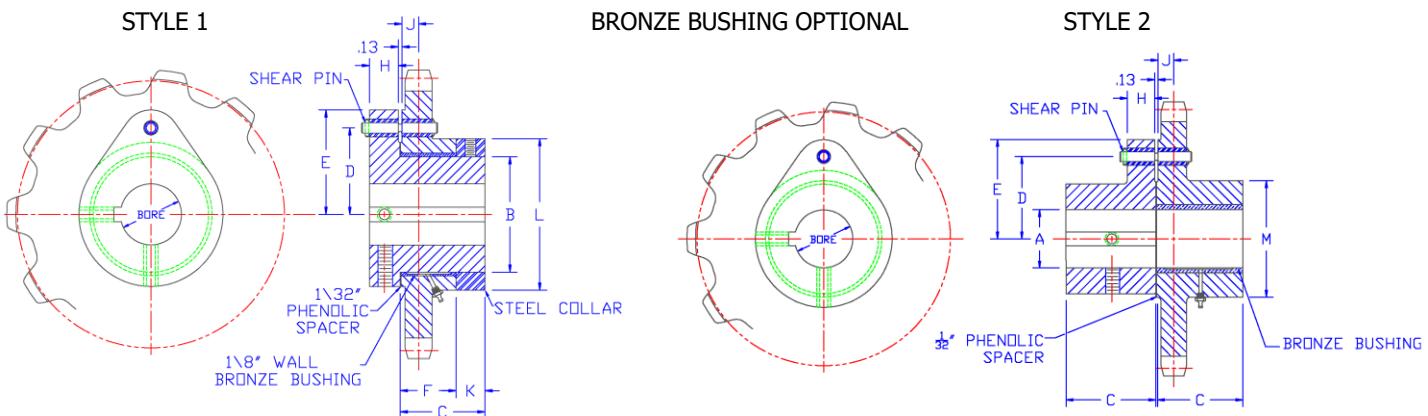
SHAFT DIAMETER	SHEAR PIN NECK DIAMETER INCHES												
	1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8
1-5/16	2150	4430	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1-3/16	2150	4430	8550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1-7/16	2150	4430	8550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1-11/16	2600	5330	10300	15700	.....	.....	.....	.....	.....	.....	.....	.....	.....
1-15/16	.....	5300	10300	15700	17200	27900	.....	.....	.....	.....	.....	.....	.....
2-3/16	.....	6650	12800	19700	21500	34900	.....	.....	.....	.....	.....	.....	.....
2-7/16	.....	6650	12800	19700	21500	34900	40900	.....	.....	.....	.....	.....	.....
2-11/16	.....	7500	14500	22300	24300	39500	46300	68000	.....	.....	.....	.....	.....
2-15/16	.....	.....	14500	22300	24300	39500	46300	68000	73500	88000	.....	.....	.....
3-3/16	.....	.....	17100	26200	28600	46500	54500	80000	86500	103500	.....	.....	.....
3-7/16	.....	.....	17100	26200	28600	46500	54500	80000	86500	103500	130000	.....	.....
3-11/16	.....	.....	.....	30100	32900	53500	62700	92000	99500	119000	148000	.....	.....
3-15/16	.....	.....	.....	.....	32900	53500	62700	92000	99500	119000	148000	.....	.....
4-7/16	.....	.....	.....	.....	.....	60500	70900	104000	112500	135000	167000	202000	.....
4-15/16	.....	.....	.....	.....	.....	67400	70900	116000	125500	150000	186000	226000	309000
5-7/16	.....	.....	.....	.....	.....	.....	87200	128000	138500	166000	205000	249000	341000
5-15/16	.....	.....	.....	.....	.....	.....	95300	140000	151000	181000	224000	273000	373000

Note: if no shear pin neck size is specified, use the smallest torque rating for the required shaft diameter.

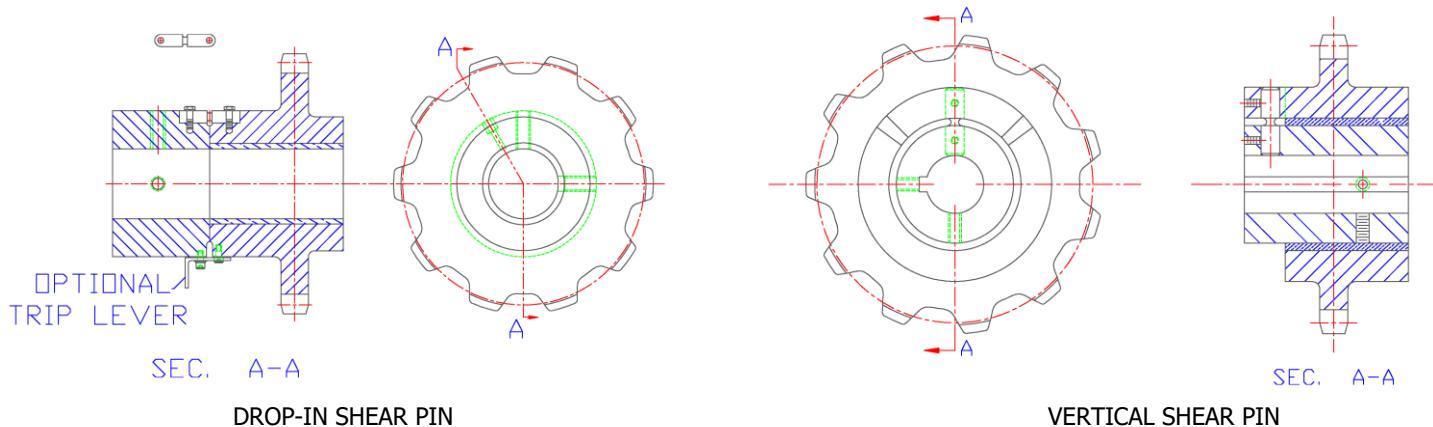
## Replaceable Bronze Bushings for Use with Shear Pin Hubs

For extra overload protection, replaceable bronze bushings are available for all sprocket types using shear pin hubs. When overload causes shearing of the hub's shear pin, the smooth surfaces of the bronze bushing permit normal hub rotation. The bushing eliminates

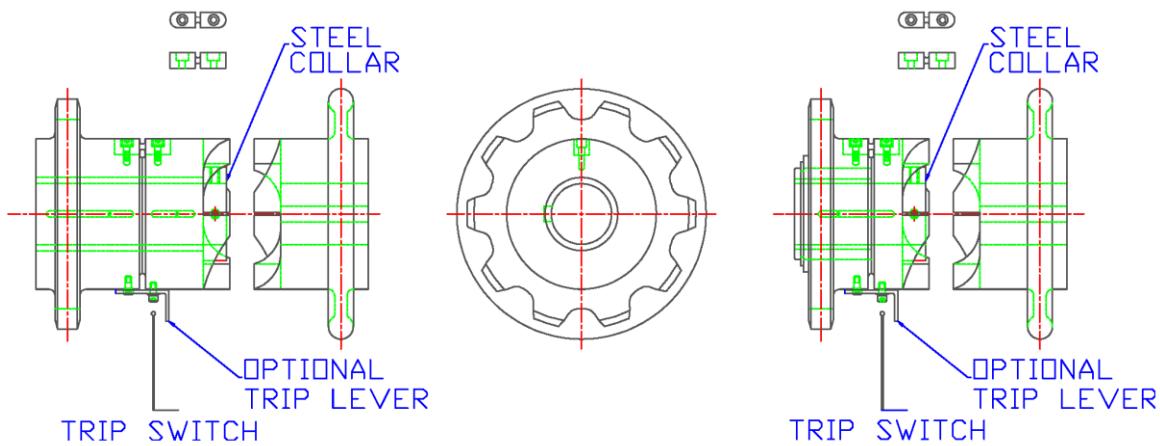
the galling that would normally result as an effect of the metal of the hub rubbing against the metal of the loose wheel. The bronze bushing rides easily between the driven hub and the wheel, reducing friction which might otherwise damage both the hub and the wheel.



BORE A	DIMENSIONS IN INCHES											BRONZE BUSHINGS	
	B	C	D	E	F	H	J	K	L	M	S.S.	STYLE 1 I.D. X O.D. X LGTH.	STYLE 2 I.D. X O.D. X LGTH.
15/16	2-5/8	2	2-1/2	3-5/16	1-1/2	3/4	7/8	1/2	3-3/4	2-1/2	1/4	2-5/8 X 3-1/8 X 1-1/2	15/16 X 1-3/16 X 2
1-3/16	2-5/8	2	2-1/2	3-5/16	1-1/2	3/4	7/8	1/2	3-3/4	2-1/2	1/4	2-5/8 X 3-1/8 X 1-1/2	1-3/16 X 1-7/16 X 2
1-7/16	2-5/8	2	2-1/2	3-5/16	1-1/2	3/4	7/8	1/2	3-3/4	3-1/2	1/4	2-5/8 X 3-1/8 X 1-1/2	1-7/16 X 1-15/16 X 2
1-11/16	3-3/4	3-1/4	3	4-1/8	2-3/8	1	1	7/8	5	4-1/2	3/8	3-3/4 X 4-1/4 X 2-3/8	1-11/16 X 2-3/16 X 3-1/4
1-15/16	3-3/4	3-1/4	3	4-1/8	2-3/8	1	1	7/8	5	4-1/2	3/8	3-3/4 X 4-1/4 X 2-3/8	1-15/16 X 2-7/16 X 3-1/4
2-3/16	4-1/2	4	3-3/4	5-1/8	3	1	1	1	6-1/4	5	1/2	4-1/2 X 5 X 3	2-3/16 X 2-11/16 X 4
2-7/16	4-1/2	4	3-3/4	5-1/8	3	1	1	1	6-1/4	5	1/2	4-1/2 X 5 X 3	2-7/16 X 2-15/16 X 4
2-11/16	5-1/2	4-3/4	4-1/4	5-7/8	3-3/4	1-1/4	1-1/8	1	7-1/4	6	1/2	5-1/2 X 6 X 3-3/4	2-11/16 X 3-3/16 X 4-3/4
2-15/16	5-1/2	4-3/4	4-1/4	5-7/8	3-3/4	1-1/4	1-1/8	1	7-1/4	6	1/2	5-1/2 X 6 X 3-3/4	2-15/16 X 3-7/16 X 4-3/4
3-3/16	6-5/16	5-3/4	5	6-3/4	4-1/2	1-1/4	1-3/8	1-1/4	8-1/2	6-3/4	5/8	6-5/16 X 6-3/4 X 4-1/2	3-3/16 X 3-11/16 X 5-3/4
3-7/16	6-5/16	5-3/4	5	6-3/4	4-1/2	1-1/4	1-3/8	1-1/4	8-1/2	6-3/4	5/8	6-5/16 X 6-3/4 X 4-1/2	3-7/16 X 3-15/16 X 5-3/4
3-11/16	7	6	5-3/4	7-1/2	4-3/4	1-5/8	1-3/8	1-1/4	9-1/4	7-1/2	5/8	7 X 7-1/2 X 4-3/4	3-11/16 X 4-1/4 X 6
3-15/16	7	6	5-3/4	7-1/2	4-3/4	1-5/8	1-3/8	1-1/4	9-1/4	7-1/2	5/8	7 X 7-1/2 X 4-3/4	3-15/16 X 4-1/2 X 6
4-7/16	7-1/2	7	6-1/2	8-3/8	5-3/4	1-5/8	1-3/8	1-1/4	10-1/4	8	5/8	7-1/2 X 8 X 5-3/4	4-7/16 X 5 X 7
4-15/16	8-1/2	7-1/2	7-1/4	9-3/8	6	1-5/8	1-3/8	1-1/2	11-1/2	8-1/2	3/4	8-1/2 X 9 X 6	4-15/16 X 5-1/2 X 7-1/2
5-7/16	9-3/4	8-1/4	8	10-1/4	6-1/2	1-5/8	1-3/8	1-3/4	13	9-1/2	3/4	9-3/4 X 10-1/2 X 6-1/2	5-7/16 X 6 X 8-1/4
5-15/16	10-7/8	9	8-3/4	11	7	1-5/8	1-3/8	2	14-1/2	10	1	10-7/8 X 11-1/2 X 7	5-15/16 X 6-3/4 X 9



Note: These drawings represent only two designs which vary from the Brewton Standard Style 1 and 2 Shear Pin Sprockets. Other designs are available. Price and information available on request.



JAW CLUTCH HAND WHEEL, SPIRAL JAW, C.I.C.R. SPROCKET ASSEMBLY

SPIRAL LEFT HAND = COUNTER CLOCKWISE DRIVE

SPIRAL RIGHT HAND = CLOCKWISE DRIVE

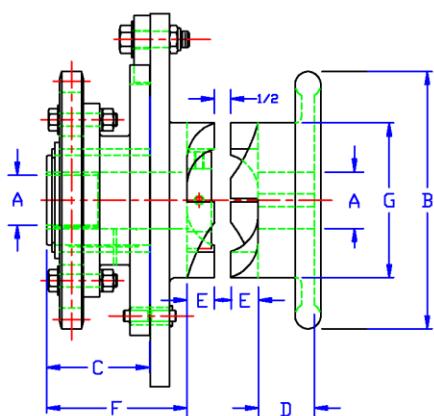
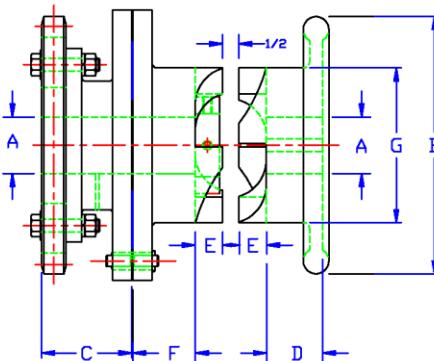
LENGTHS CAN BE ALTERED TO ACCOMMODATE SETUP

Brewton supplies, as standard, a spiral jaw which permits engagement when the clutch is in motion. These are made for either clockwise or counter-clockwise rotation. See below.

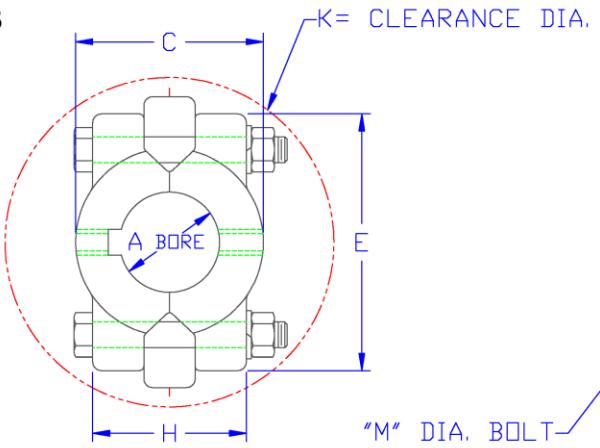
Square jaws are available for the transmission of power in either direction but may not be engaged or disengaged while the clutch is in motion. Handwheels and jaw clutches are Class 35 Gray Iron. The jaws are ground smooth. Machine finished jaws are also available.

BORE A	STYLE	NO. JAWS	B	C	D	E	F	G	O.A.L. CLOSED	O.A.L. OPEN	Est. Wt. (lbs.)
1-7/16	1	4	10	2-3/4	2-7/8	7/8	5-1/4	5	9	10-3/8	70
1-15/16	1	4	10	2-3/4	2-7/8	7/8	5-1/4	5	9	10-3/8	78
2-7/16	1	4	12	2-3/4	2-7/8	1-1/16	5-1/4	6	9-3/16	10-3/4	78
2-15/16	1	4	12	2-3/4	2-7/8	1-1/8	5-1/4	7	9-1/4	10-7/8	83
1-7/16	2	4	10	2-3/4	2-7/8	7/8	2	5	9	10-3/8	75
1-15/16	2	4	10	2-3/4	2-7/8	7/8	2	5	9	10-3/8	80
2-7/16	2	4	12	2-3/4	2-7/8	1-1/16	3	6	10-3/16	11-3/4	85
2-15/16	2	4	12	2-3/4	2-7/8	1-1/8	3	7	10-1/4	11-7/8	90
3-7/16	2	4	14	3-1/2	3-7/8	1-3/16	3	8	12-1/16	13-3/4	110
3-15/16	2	4	14	3-1/2	3-7/8	1-1/4	3	9	12-1/4	13-7/8	115

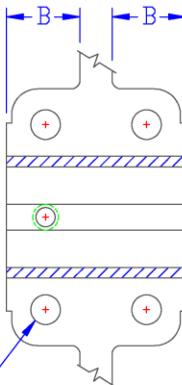
NOTE: The above dimensions are Brewton Standards. Overall dimensions may be altered if required.

AVAILABLE WITH OR  
WITHOUT TRIP CAMW-3641  
STYLE 1W-4004  
STYLE 2

SPLIT HUB



CAST IRON



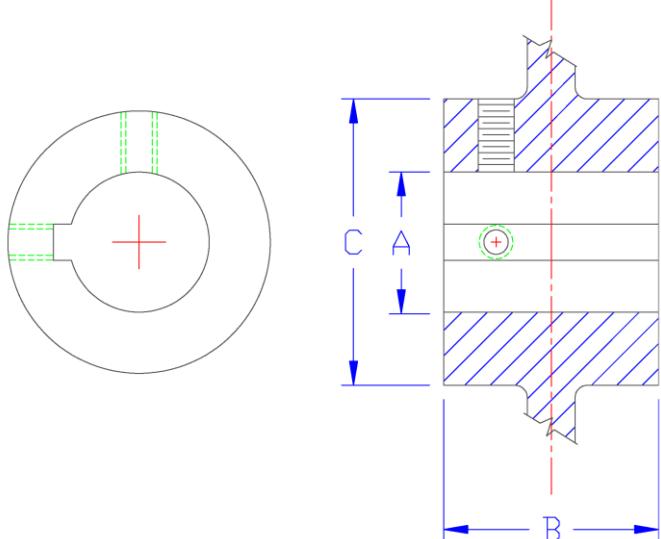
SPLIT HUB

HUB PART #	A	B	C	EST. WT. IN LBS.	E	H	G*	K	M	KEYSEAT	SET SCREWS
SH115	1-15/16	1-5/8	4	10	5-1/2	3-3/4	20	8	5/8 X 5	1/2 X 1/4	1/2-13NC
SH207	2-7/16	1-5/8	4-3/4	15	6-1/4	3-3/4	22	8-1/4	5/8 X 5	5/8 X 5/16	5/8-11NC
SH215	2-15/16	2-1/8	5-1/2	30	7-1/2	4-1/2	24	10	3/4 X 6	3/4 X 3/8	3/4-10NC
SH307	3-7/16	2-1/8	6-1/2	33	8-1/2	4-1/2	26	10-3/4	3/4 X 6	7/8 X 7/16	3/4-10NC
SH315	3-15/16	2-1/4	7-1/2	50	10-1/4	5	28	12-5/8	1 X 6-1/2	1 X 1/2	3/4-10NC
SH407	4-7/16	2-1/4	8	53	10-3/4	5	30	13-1/4	1 X 6-1/2	1 X 1/2	3/4-10NC
SH415	4-15/16	2-3/4	8-3/4	83	12	5-1/2	33	14-1/2	1-1/4 X 7-1/2	1-1/4 X 5/8	3/4-10NC
SH507	5-7/16	2-3/4	9-3/4	92	12-3/4	5-1/2	37	15	1-1/4 X 7-1/2	1-1/4 X 5/8	3/4-10NC
SH515	5-15/16	2-3/4	10-1/4	105	13-1/2	6	39	16	1-1/4 X 8	1-1/2 X 3/4	1 - 8NC
SH607	6-7/16	2-3/4	11-1/2	127	15	6-1/2	41	18-1/4	1-1/4 X 8-1/2	1-1/2 X 3/4	1 - 8NC
SH615	6-15/16	2-3/4	11-1/2	121	15	6-1/2	43	18-1/4	1-1/4 X 8-1/2	1-3/4 X 7/8	1 - 8NC
SH707	7-7/16	3-1/2	14	290	19	8	45	22	1-1/2 X 10-1/2	1-3/4 X 7/8	1 - 8NC
SH715	7-15/16	3-1/2	14	292	19	8	47	22	1-1/2 X 10-1/2	2 X 3/4	1 - 8NC

G\* = MAXIMUM PITCH DIAMETER WITHOUT RIM LUGS

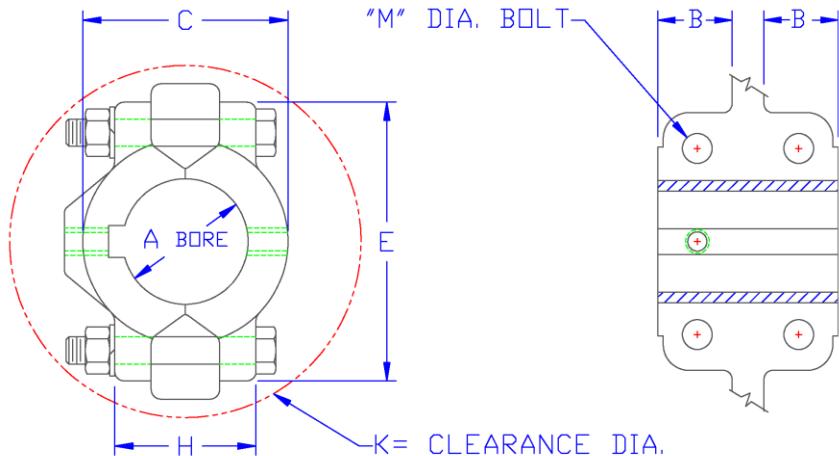
SOLID HUB

HUB PART #	A	B	C	EST. WT. IN LBS.
H107	1-7/16	2-1/2	3-1/2	3-1/2
H115	1-15/16	3-1/4	4-1/2	8
H207	2-7/16	3-1/2	5	10
H215	2-15/16	4-1/2	6	20
H307	3-7/16	5	6-3/4	28
H315	3-15/16	5-1/2	7-1/2	38
H407	4-7/16	5-1/2	8	42
H415	4-15/16	6	8-1/2	50
H507	5-7/16	6	9-1/2	63
H515	5-15/16	6-1/2	10	74
H607	6-7/16	6-1/2	10-1/2	96
H615	6-15/16	7	11	109
H715	7-7/8 to 7-15/16	7	12	115



SOLID HUB

SPLIT HUB

**SPLIT HUB**

HUB PART #	A	B	C	EST. WT. IN LBS.	E	H	G*	K	M	KEYSEAT	SET SCREWS
SL115	1-15/16	1-5/8	3-1/2	10	5-1/2	2-3/4	20	7-1/2	5/8 X 4	1/2 X 1/4	1/2 - 13NC
SL207	2-7/16	1-5/8	4-1/2	14	6-1/4	3-1/4	22	8-1/4	5/8 X 4-1/2	5/8 X 5/16	5/8 - 11NC
SL215	2-15/16	1-5/8	4-3/4	15	6-1/4	3-1/2	24	8	5/8 X 4-1/2	3/4 X 3/8	3/4 - 10NC
SL307	3-7/16	2	5-5/8	23	7-5/8	3-7/8	26	10	3/4 X 5-1/2	7/8 X 7/16	3/4 - 10NC
SL315	3-15/16	2-1/4	6-1/2	37	9-1/4	4-5/8	28	11-3/4	1 X 6-1/2	1 X 1/2	3/4 - 10NC
SL407	4-7/16	2-1/4	7	40	9-3/4	5	30	12-3/4	1 X 7	1 X 1/2	3/4 - 10NC
SL415	4-15/16	2-1/4	7-1/2	47	10-1/4	5-3/8	33	13	1 X 7	1-1/4 X 5/8	3/4 - 10NC
SL507	5-7/16	2-3/4	8-1/2	74	12-1/4	5-1/2	37	14-1/2	1-1/4 X 7-1/2	1-1/4 X 5/8	3/4 - 10NC
SL515	5-15/16	2-3/4	8-3/4	72	12-1/2	5-1/2	39	15	1-1/4 X 7-1/2	1-1/2 X 3/4	1 - 8NC

G\* = MAXIMUM PITCH DIAMETER WITHOUT RIM LUGS

**SOLID HUB**

HUB PART #	A	B	C	EST. WT. IN LBS.
L107	1-7/16	2-1/2	3	3
L115	1-15/16	3-1/4	3-3/4	6
L207	2-7/16	3-1/2	4-1/2	8
L215	2-15/16	4-1/2	5	12
L307	3-7/16	5	5-3/4	18
L315	3-15/16	5-1/2	6-1/2	25
L407	4-7/16	5-1/2	6-3/4	25
L415	4-15/16	6	7-1/4	30
L507	5-7/16	6	8	36
L515	5-15/16	6-1/2	8-1/2	43

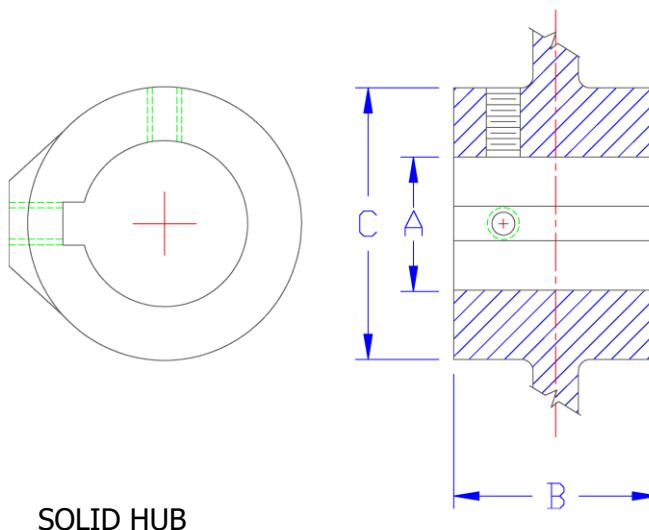
**SOLID HUB**

PLATE THICKNESS REFERENCE TABLES (1MR-CDL124)											
CHAIN #	PITCH	PL. THK.	CHAIN #	PITCH	PL. THK.	CHAIN #	PITCH	PL. THK.	CHAIN #	PITCH	PL. THK.
1MR	2.98	1	SS39	3.075	1-3/8	WR82	3.075	1-1/8	C110M	6.00	1-3/4
1½MR	2.98	1	SS39+	3.075	1-1/4	WS82	3.075	1-1/8	C110SP	6.00/12.00	1-3/4
U 1½	2.98	7/8	40MR	4.00	3/4	WS82H	3.075	1-1/8	S110	6.00	1-3/4
2MR	3.70	1-1/8	40sp.MR	4.00	3/4	WS82HP	3.075	1-1/8	SS110	6.00	1-3/4
2sp.MR	3.70	1-1/8	MR40	4.00	5/8	WS82P	3.075	1-1/8	WS110	6.00	1-3/4
MR2sp	3.70	1	MXS40	3.075	1-3/8	87	4.000	1-1/4	WS110P	6.00	1-3/4
3DD	3.075	1-3/8	SS40	3.075	1-3/8	87R	2.609	1	111	4.76	2-1/4
3MR	4.04	1	SS40 Hyper	3.075	1-3/8	H87	4.00	1-1/4	111SP	4.76/7.24	2-1/4
AP13	3.075	1-3/8	SS40+	3.075	1-3/8 (1)	SS87	2.609	1	A111	4.760	2
Champ 3	3.075	1-3/8	XXS40	3.075	1-1/4	88	2.609	7/8	A111SP	4.76/7.24	2
3½MR	4.04	1	40½MR	4.00	3/4	EC88	2.609	7/8	A111WS	4.760	2
MR3½	4.04	1-1/8	MR40½	4.00	3/4	SS88	2.609	7/8	C111	4.760	2
4	4.00	5/8	SS46	6.00	1-3/8	SS88+	2.609	7/8	C111C	4.760	2
4DD	4.063	1-3/4	53R	3.00	7/8	T88	2.609	7/8	C111M	4.760	2
API4 Super-	4.063	1-3/4	57	2.308	5/8	89R	4.00	1-1/8	C111MSP	4.76/7.24	2
API4RH	4.063	1-3/4	60	2.308	5/8	SS89	2.609	7/8	C111SP	4.76/7.24	2
Champ 4	4.063	1-3/4	C60	2.307	7/8	US90R	4.00	1	C111WZ	4.760	2
SS4	4.00	5/8	D60	2.307	7/8	94R	4.00	5/8	N111	4.760	2
6	6.00	1-1/4	H60	2.308	5/8	95R	4.00	7/8	N111SP	4.76/7.24	2
6 spec.	6.00	1-1/4	H60-H	2.308	5/8	MSR96	6.00	1-1/4	PW111M	4.760	2
SS6	6.00	1-1/4	67	2.308	5/8	H97	5.00	3	PW111MSP	4.76/7.24	2
SS6C	6.00	1-1/4	73	2.353	1	102	4.00	1-3/4	S111	4.76	2-1/4
9MR	2.98	5/8	H73	2.353	1	A102B	4.00	1-3/4	S111SP	4.76/7.24	2-1/4
9½SpMR	2.98	5/8	74	2.609	3/4	C102	4.00	1-3/4	SS111	4.76	2-1/4
14MR	4.01	7/8	H74	2.609	3/4	C102B	4.00	1-3/4	SS111SP	4.76/7.24	2-1/4
MR14	4.01	7/8	75	2.609	3/4	C102BM	4.00	1-3/4	WS111	4.760	2
14½MR	4.01	7/8	H75	2.609	3/4	S102B	4.00	1-3/4	WS111P	4.760	2
MR14½	4.01	7/8	H76	2.609	3/4	SS102B	4.00	1-3/4	112	4.04	1-3/8
17MR	2.58	3/4	77	2.297	5/8	102½	4.03	1-3/4	112 +	4.04	1-3/8
MR17	2.58	5/8	SM77	2.297	5/8	A102½	4.03	1-3/4	112RX	4.04	1-3/8
S17	2.563	3/4	T77	2.308	5/8	C102½	4.03	1-3/4	SS112	4.04	1-3/8
S17P	2.563	3/4	78	2.609	7/8	C102½M	4.03	1-3/4	SS112+	4.04	1-3/8
SS17	2.563	3/4	H78	2.609	1	S102½	4.03	2	114	3.250	1
SS17P	2.563	3/4	MSR78	2.609	1	SS102½	4.03	2	SS114	3.250	1-3/8
18MR	3.03	5/8	WH78	2.609	1	103	3.075	1	SS114+	3.250	1-3/8
MR18	3.03	3/4	WR78	2.609	1	T103	3.075	1	119	8.00	1-3/8
SD19	6.00	3	WS78	2.609	1	104	6.00	3-1/2	119J	3.075	1-3/8
SD19A	6.00	3	WS78P	2.609	1	H104	6.00	3-1/2	119R	3.075	1-3/8
21CMR	2.51	5/8	H79	2.609	1	WD104	6.00	3-1/2	119RX	3.075	1-3/8
27	2.98	1-1/8	81C	2.609	1	WS104	6.00	3-1/2	CC119	6.00	3
27R	2.98	1-1/8	81R	2.609	1	WSD104	6.00	3-1/2	120	3.075	1-1/8
27RX	2.98	1-1/8	82	3.075	1-1/8	WSD104P	6.00	3-1/2	SS123+	4.063	1-3/4
27SP	2.98	1-1/8	H82	3.075	1-1/8	110	6.00	1-3/4	124	4.063	1-1/8
33C	2.609	7/8	SS82	6.00	1-1/4	C110	6.00	1-3/4	124RCS	4.063	1-3/4
34C	3.075	1-1/8	WH82	3.075	1-1/8	C110C	6.00	1-3/4	CDL124	4.00	1-1/2

PL. THK. = RECOMMENDED PLATE THICKNESS (FACE WIDTH) OF FLAME CARVED SPROCKET. (1) FOR FMC CHAIN, USE 1-1/4 PLATE

PLATE THICKNESS REFERENCE TABLES (H124-658)											
CHAIN #	PITCH	PL. THK.	CHAIN #	PITCH	PL. THK.	CHAIN #	PITCH	PL. THK.	CHAIN #	PITCH	PL. THK.
H124	4.00	1-1/2	PW133	6.00	1-1/8	US278R	2.609	1	S522+	2.63	7/8
HD124D	4.063	1-1/2	134	6.00	2	292+	2.609	1	SS522+	2.63	7/8
MXS124	4.063	1-3/4	SS134	7.00	2-3/4	R292PB	2.609	1	526 *	6.00	3/4
SS124	4.063	1-3/4	138	4.00	7/8	301+	3.250	1-1/8	526P *	6.00	3/4
SS124+	4.063	1-3/4	H138	4.00	7/8	SS307	4.00	1	527R	3.075	1 1/8
SS124 2-Barhyper	4.063	1-3/4	149	4.00	1	313	6.00	7/8	SS527	3.075	1-1/8
SS124 3-Barhyper	4.063	1-3/4	SS149	4.00	1	313P	6.00	7/8	527½	4.00	7/8
WH124	4.00	1-1/2	150X	6.05	3	313½	6.00	7/8	531	4.00	1-1/8
WH124HD	4.063	1-1/2	S150+	6.05	3	SS314	6.00	1-1/8	S532	4.04	1-1/4
WR124	4.00	1-1/2	SA150	6.05	3	327	6.00	1-1/4	535 (2)	6.25	3-3/4
WR124HD	4.063	1-1/2	SS150+	6.05	3	348 *	3.031	5/8	S554	3.075	1-1/4
WS124	4.00	1-1/2	SW150	6.05	3	X348 *	3.031	5/8	S554P	3.075	1-1/4
WS124H	4.063	1-1/2	156CMR	6.00	1-1/8	0388JR	2.609	1	S557	4.063	1-3/4
WS124HP	4.063	1-1/2	MR156C	6.00	1-1/8	SS388	2.609	7/8	S557+	4.063	1-3/4
WS124P	4.00	1-1/2	C160	2.307	7/8	SS394+	4.50	2	558	8.00	7/8
126CMR	6.00	1-1/8	C160H	2.344	7/8	X394	4.50	2	SS568	3.067	1-3/8
126MR	6.00	1-1/8	WS160	2.00	1-1/8	SS415	3.75	1-3/8	X568	3.067	1-1/4
MR126	6.00	1-1/8	180	12.00	1-1/2	433½	2.609	1	XXS568	3.067	1-3/8
MR126C	6.00	1-1/8	SR183	3.00	7/8	433½+	2.609	1	575	5.06	2-3/4
130 (R)	4.00	7/8	188	2.609	7/8	450SX	4.50	1-3/4	584	6.00	2-3/4
130 (U)	6.00	2	C188	2.609	7/8	450SXX	4.50	1-3/4	SM584	6.00	7/8
H130	4.00	7/8	C188M	2.609	7/8	458 *	4.031	7/8	B587	2.609	1
131 (R)	3.075	1	MW188	2.609	7/8	X458 *	4.031	7/8	588	2.609	1
C131	3.075	1	RW188E	2.609	7/8	468 *	4.031	1-3/8	588R	2.609	1
C131C	4.00	1	SR188	4.00	1	468A *	4.031	1-3/8	588RX	2.609	1
H131	4.00	1-1/4	SS188	2.609	7/8	468P *	4.031	1-3/8	A588	2.609	1
RW131	3.075	1-1/8	ZW188E	2.609	7/8	477	2.308	5/8	R588	2.609	1
RW131E	3.075	1	SR194	4.00	1	481	4.00	5/8	RR588	2.609	1
S131	3.075	1	SR196	6.00	1	482	4.00	7/8	SM595	6.00	2-3/4
SS131	3.075	1	US196R	6.00	1	488	2.60	7/8	602	6.00	3/4
A132	6.050	2-3/4	SS210	6.00	1-3/4	500	4.00	1	604R	6.00	1-1/8
C132	6.050	2-3/4	218RX	2.609	7/8	505A	2.50	5/8	607R	6.00	1-1/8
C132C	6.050	2-3/4	233RX	3.50	1-3/8	506AC	3.00	7/8	614R	6.00	1-1/8
C132M	6.050	2-3/4	LX S233	3.50	1-3/8	R506	2.30	5/8	623½	12.00	1-1/4
C132MW	6.050	2-3/4	X233	3.50	1-3/8	SA508 (1)	2.609	7/8	625R	6.00	1
C132MW2	6.050	2-3/4	234	3.510	1-1/8	SA508P	2.609	7/8	626R	6.00	1-1/8
CDL132	6.050	2-3/4	234P	3.510	1-1/8	R514	2.50	1-1/4	627	12.00	2-1/2
H132	6.050	2-3/4	234PB	3.510	1-1/8	517RX	2.609	1-1/8	627P	12.00	2-1/2
N132	6.050	2-3/4	SS234	3.510	1-1/8	520R	2.563	7/8	627R	6.00	1-1/8
PW132	6.050	2-3/4	XS234	3.510	1-1/8	520RX	2.563	7/8	628R	6.00	1-1/8
PW132M	6.050	2-3/4	RX238	3.50	1-3/8	A520	2.563	7/8	631R	6.00	1-1/8
WH132	6.050	2-3/4	241	6.00	7/8	S520	2.563	7/8	633R	6.00	1-1/8
WR132	6.050	2-3/4	263R	3.00	3/4	S520P	2.563	7/8	634R	6.00	1-1/8
WS132	6.050	2-3/4	276	12.00	1-1/8	SS520	2.563	7/8	B635	4.50	1-3/4
WS132P	6.050	2-3/4	SS278	26.09	7/8	XS520	2.563	7/8	X635	4.50	1-3/4
C133	6.00	1-1/8						658	6.00	3/4	

\*Double No. Teeth for P.D. (R) = REXNORD CHAIN (U) = UNION CHAIN

(1) Union and Rexnord A508: PITCH = 2.620 PL. THK. = 7/8 (2) For Rexnord chain use 4" plate.

PLATE THICKNESS REFERENCE TABLES (SS658-1236E)											
CHAIN #	PITCH	PL. THK.	CHAIN #	PITCH	PL. THK.	CHAIN #	PITCH	PL. THK.	CHAIN #	PITCH	PL. THK.
SS658	6.00	1	WS855PB	6.05	2-3/4	JS1031	3.075	1-3/8	1130MR	6.00	1-1/8
662	6.00	1	856	6.00	2-3/4	LXS1031	3.075	1-3/8	MR1130	6.00	1-1/8
666	6.00	3/4	S856	6.00	2-3/4	LXS1031M	3.075	1-3/8	U1130	6.00	1-1/8
671	6.00	3/4	SS856	6.00	2-3/4	MXS1031	3.075	1-3/8	1131R	6.00	1-3/8
672	6.00	7/8	X857	6.00	2-3/4	US1031	3.075	1-3/8	S1131	6.00	1-3/8
678 *	6.031	1-1/8	X859	6.00	3-1/4	IS1032	3.075	1-3/8	SS1131	6.00	1-3/8
X678 *	6.031	1-1/8	860	8.00	7/8	LXS1032	3.075	1-3/8	U1131	6.00	1-1/4
X678A *	6.031	1-1/8	JS880	2.609	1	LXS1032M	3.075	1-3/8	1132	6.00	3/4
X678AH *	6.031	1-1/4	IS881	2.609	1	US1032	3.075	1-3/8	1168	18.00	2-1/2
688A *	6.031	1-1/4	LXS881	2.609	1	1033	3.075	1-3/8	1169	24.00	1-5/8
698 *	6.031	1-3/8	MXS881	2.609	1	R1033	3.075	1-3/8	1170	24.00	1-5/8
698A *	6.031	1-3/8	US881	2.609	1	SS1033	3.075	1-3/8	1179	9.00	2-1/2
698P *	6.031	1-3/8	JS882	2.609	1	R1035	3.075	1-3/8	S1183	3.00	7/8
710	4.720	2	IS886	2.609	1	1037	3.075	1-3/8	SS1183	3.00	7/8
720	6.00	1	LXS886	2.609	1	SS1088	2.609	7/8	1188R	4.00	7/8
720S	6.00	1	IS887	2.609	1	1094C	2.30	5/8	SS1188	4.00	7/8
720SC	6.00	1	LXS887	2.609	1	1095	12.00	2	1190R	3.075	1-3/8
CS720S	6.00	1	IS888	2.609	7/8	1095P	12.00	2	1190R3	3.075	1-3/8
MS720S	6.00	1	IS911	9.00	1-1/4	1107	12.00	1-3/4	1190RX	3.075	1-3/8
WS720S	6.00	1	922	9.00	1-1/4	U1112	3.70	7/8	1190SX	3.075	1-3/8
WS720SC	6.00	1	932	9.00	1-1/4	1113	4.04	1-1/8	S1194	4.00	1
730	6.00	1	933	9.00	1-3/8	1113MR	4.04	1-1/8	S1196	6.00	1
LXS770	2.30	5/8	933C	9.00	1-3/8	1113R	4.04	1-1/8	1202B	5.00	2-1/2
US770	2.30	5/8	951	6.00	1	MR1113	4.04	1-1/8	1202PC	5.00	2-1/2
R778	2.609	1	S951	6.00	1	S1113	4.04	1-1/8	1202PTS	5.00	2-1/2
RR778	2.609	1	SS951	6.00	1	SS1113	4.04	1-1/8	A1202	5.00	2-1/2
809	9.00	1-1/4	WS955P	9.00	3-1/2	1114	3.507	1-1/8	SS1202 +	5.00	2-1/2
823	4.00	1	WS955PB	9.00	3-1/2	S1114	6.00	1-1/8	XXXS1206	5.00	2-1/4
825	4.00	1-1/8	SS960	6.00	1-3/8	SR1114	6.00	1-1/8	1207	5.00	2-1/2
825R	4.00	1-1/8	977	2.308	5/8	SS1114	6.00	1-1/8	1211	12.00	1-1/4
S825	4.00	1-3/8	982	9.00	1-3/8	MSR1116	6.00	1-1/8	1212	6.00	1-1/8
830	6.00	1-1/4	988	2.609	7/8	S1116	6.00	1-1/8	1219	6.00	1-1/4
830R	6.00	1-1/4	MSR996	6.00	1-3/8	SS1116	6.00	1-1/8	1222	12.00	1-1/4
830 (U)	6.00	1-3/8	SS996	6.00	1-3/8	1120 (J)	12.00	1-3/4	1222C	12.00	1-1/4
S830	6.00	1-3/8	998 *	9.031	1-3/8	1120	4.00	3/4	C1226	6.00	2
835	4.00	2	998A *	9.031	1-3/8	RR1120	4.00	7/8	PW1226	6.00	2
844	6.00	2	1007	6.00	1-3/8	S1120	4.00	7/8	1227	12.00	1-3/4
844R	6.00	2	1007D	6.00	1-3/8	1126	6.00	1-1/8	SS1227	12.00	1-3/4
844X	6.00	2-1/4	1007DP	6.00	1-3/8	1126C	6.00	1-1/8	1231	3.075	1
S844	6.00	2-1/4	1030	3.075	1-3/8	1126R	6.00	1-1/8	1233	12.00	1-3/8
847	6.075	2-1/2	1030DW	3.075	1-3/8	1126RS	6.00	1-1/8	1233C	12.00	1-3/8
AC850	6.00	2	JS1030	3.075	1-3/8	SS1126	6.00	1-1/8	1234	3.510	1-1/8
SS850	6.00	2				SS1126½	6.00	1-1/8	1234P	3.510	1-1/8
SW850	6.00	2				1127	4.00	5/8	1236	6.00	3/4
WC855P	6.050	2-3/8				1130	6.00	1-1/8	1236E	6.00	3/4

\*Double No. Teeth for P.D. (R) = REXNORD CHAIN (J) = JEFFREY CHAIN

PLATE THICKNESS REFERENCE TABLES (1236P-2084PM)											
CHAIN #	PITCH	PL. THK.	CHAIN #	PITCH	PL. THK.	CHAIN #	PITCH	PL. THK.	CHAIN #	PITCH	PL. THK.
1236P	6.00	3/4	1322	12.00	1-3/4	1588	4.00	1	1823	6.00	1-1/8
1237	6.00	1-3/8	1322C	12.00	1-3/4	1594	4.00	1	1823PB	6.00	1-1/8
B1239	4.063	1-3/8	1338	8.00	1-3/8	1598	4.00	1	SS1827	18.00	1-3/4
1240	4.063	1-3/4	1340RX	4.50	1-3/4	1602A	5.00	2-1/2	1830	4.00	1-3/8
1240DW	4.063	1-3/4	1341	12.00	1-3/4	1602AA	5.00	2-1/2	1831	18.00	1-3/4
1240R	4.063	1-3/4	1342	10.00	1-3/4	1605AAA	5.00	2-1/4	1833	18.00	1-3/8
1240RX	4.063	1-3/4	X1343	4.090	1-3/4	1606AA	6.00	2-3/4	1834	18.00	2
1240SX	4.063	1-3/4	1348P	8.00	1-3/8	1615A	3.75	1-3/8	1836	6.00	1-1/8
1241	6.00	1	1350 (J)	10.00	2-1/4	1616A	3.50	1-3/8	1837B	6.00	1-1/8
LXS1241M	4.063	1-5/8	1350 (R)	4.50	1-3/4	1617	6.00	1-1/8	1844	18.00	1-1/2
LXS1242	4.063	1-3/4	1351P	8.00	1-3/8	1617AA	3.50	1-3/8	1844P	18.00	1-1/2
LXS1242M	4.063	1-3/4	1352PB	10.00	2-1/4	1621A	3.50	1-3/8	1845	18.00	2-1/4
MXS1242	4.063	1-3/4	1362A	8.00	7/8	1623A	4.063	1-3/8	1847B	6.00	1-1/8
US1242	4.063	1-3/4	1373P	8.00	1-3/8	1625A	2.50	1-3/8	1848	4.00	7/8
1244 (J)	12.00	1-1/2	1377A	4.587	2-1/2	D1625A	2.50	1-3/8	1855	18.00	1-5/8
1244 (R)	4.063	1-3/4	1377PB	4.587	2-1/2	T1625A	2.50	1-3/8	E1863R	18.00	1-3/4
1245SX	4.073	1-3/4	1379A	7.00	2-3/4	1630A	3.00	1-3/4	1863½	12.00	1-3/8
A1245	4.073	1-3/4	C1380	6.00	2-3/4	1636A	4.25	1-3/4	1863½P	12.00	1-3/8
J1245A	4.073	1-3/4	C1384	6.00	2-3/4	1641AA	2.50	1-3/4	1866	18.00	1-5/8
J1245B	4.073	1-3/4	1390A	5.00	2-3/4	1645A	4.073	1-3/4	E1866	18.00	1-5/8
LXS1245	4.073	1-3/4	1400	4.00	3/4	1645AB	4.073	1-3/4	SS1866	18.00	1-5/8
LXS1245M	4.073	1-3/4	1406	6.00	3/4	SS1646	2.50	5/8	WS1866	18.00	1-5/8
MXS1245	4.073	1-3/4	1406P	6.00	3/4	1651	6.00	1-1/8	1867P	18.00	1-5/8
RX1245	4.073	1-3/4	1413A	3.00	5/8	1655AAA	5.00	2-1/4	1898	12.00	1-3/8
US1245	4.073	1-3/4	1433½M	2.630	1	1664A	4.00	2	1906	6.00	1-1/8
X1245	4.703	1-3/4	1450	4.01	7/8	1694A	4.50	2	1920	6.00	1-3/8
XXS1245	4.703	1-3/4	1450C	4.01	7/8	1706	6.00	1-1/8	1948P	4.00	1-1/4
1248	6.00	2-1/4	1450CP	4.01	7/8	1709	9.00	1	1950PB	4.063	1-3/4
R1248	4.063	1-3/4	1450P	4.01	7/8	1710	9.00	1-1/2	1952	9.00	2-1/2
1249	6.00	2-1/4	1480	6.00	2-3/4	1730	9.00	1-1/2	1954P	3.25	1-3/8
1258	6.00	1	1481	6.00	2-3/4	SS1730	6.00	1-3/8	1954PB	3.25	1-3/8
1288	2.609	7/8	1510R	5.00	2-1/2	1734	6.00	1-3/8	1957	6.00	1-1/8
1288M	2.609	7/8	1510RX	5.00	2-1/2	1736	6.00	1-1/8	1957D	6.00	1-1/8
MSR1288	2.609	1	1510XX	5.00	2-1/2	1743½	12.00	1-3/8	1958P	4.75	1-1/8
1297	4.04	1-1/8	1514	6.00	1-1/8	1743½M	12.00	1-3/8	1959	6.00	1-1/8
1300	6.00	1-1/8	1520C	4.00	7/8	1751	9.00	1-3/4	1959D	6.00	1-1/8
1301	4.00	7/8	1525A	2.50	5/8	1773	12.00	1-1/8	1960	24.00	2
A1302	5.00	2-1/2	1527	3.075	1-1/8	1774C	4.125	5/8	1960R	24.00	2
A1303	5.00	2-1/4	1539	3.075	1-3/8	1796	6.00	1	1983PB	6.00	1-1/2
A1305	5.00	2	1550	6.00	7/8	SS1796	6.00	1-3/8	1998A *	9.031	1-3/8
A1306	6.00	2-3/4	1568	3.067	1-3/8	1803A	3.067	1-3/8	2005	8.00	1-1/8
1311P	6.00	3/4	1583C	3.00	7/8	1803AB	3.067	1-3/8	2008DP	6.00	1-3/8
1313	10.00	2-1/4	1587A	2.609	7/8	1806	6.00	1-1/8	2015B	2.62	7/8
C1316	6.00	1	1587AC	2.609	7/8	1822	18.00	1-1/4	2084M	6.00	1-1/8
1318P	8.00	1-3/8	1587ACP	2.609	7/8	E1822	18.00	1-3/4	2084PM	6.00	1-1/8

\*Double No. Teeth for P.D. (U) = UNION CHAIN (J) = JEFFREY CHAIN

PLATE THICKNESS REFERENCE TABLES (2110PB-6113A)											
CHAIN #	PITCH	PL. THK.	CHAIN #	PITCH	PL. THK.	CHAIN #	PITCH	PL. THK.	CHAIN #	PITCH	PL. THK.
2110PB	6.00	1-1/2	2357HP	5.70	1-3/8	LXS3075	3.075	1-3/8	4126P *	6.00	3/4
2124	6.00	1-3/8	2360HP	6.00	1-3/8	MXS3075	3.075	1-3/8	SS4126 *	6.00	3/4
A2124	6.00	1-3/8	2444	24.00	1-1/2	3125	3.125	1-3/8	4128	6.00	1
2126	6.00	1-1/8	2455	24.00	1-5/8	3125-2	3.125	1-3/8	SS4170	10.00	2-1/4
2130R	6.00	1-1/8	F2455	24.00	1-5/8	3125R	3.125	1-3/8	SS4186	8.00	7/8
2154R	4.00	1	SS2455	24.00	1-1/2	D3125	3.125	1-3/8	SS4187	8.00	1-3/8
2173-B	12.00	2-1/2	2466	24.00	1-5/8	D3125R	3.125	1-3/8	SS4207 *	12.00	1-3/4
2178A	6.00	1-3/8	2466R	24.00	1-5/8	SS3125 Hyper	3.125	1-3/8	LXS4216	4.00	1
2178RK	6.00	1-3/8	F2466	24.00	1-5/8	SS3125-2 Hyper	3.125	1-3/8	LXS4328	4.00	1-1/8
A2178	6.00	1-1/8	SS2466	24.00	1-5/8	SS3125-3 Hyper	3.125	1-3/8	SS4417 *	6.00	3/4
2180	6.00	1-1/8	WS2466	24.00	1-3/4	T3125	3.125	1-3/8	IS4522	4.50	1-3/4
SS2180	6.00	1-1/8	2467R	24.00	1-3/4	SR3130	6.00	1-1/8	LXS4522M	4.50	1-3/4
2184	6.00	1-1/8	2521	6.00	2-3/4	3154P	4.00	1	SS4678	6.00	3/4
2184AC	6.00	1-1/8	LXS2560	2.50	1-3/8	SR3154	4.00	1	LXS5022	5.00	2-1/2
2184P	6.00	1-1/8	US2560	2.50	1-3/8	SS3154	4.00	1	LXS5022M	5.00	2-1/2
2184PC	6.00	1-1/8	IS2570A	2.50	1-3/8	3186	2.609	7/8	US5022	5.00	2-1/2
2184R	6.00	1-1/8	LXS2570A	2.50	1-3/8	SS3382	3.075	1-3/8	LXS5028	5.00	2-1/2
2184RX	6.00	1-1/8	US2570	2.50	1-3/8	3420	4.04	1-1/8	LXS5028M	5.00	2-1/2
A2184	6.00	1-1/8	LXS2575M	2.50	1-3/8	IS3514J	3.50	1-3/8	MXS5028	5.00	2-1/2
SS2184	6.00	1-1/8	2582	4.00	2-3/4	LXS3514	3.50	1-3/8	US5028A	5.00	2-1/2
SS2184P	6.00	1-1/8	C2582	4.00	2-3/4	LXS3514M	3.50	1-3/8	JS5031	5.00	2-1/2
XS2184	6.00	1-1/8	IS625	2.563	7/8	MXS3514	3.50	1-3/8	5103	3.075	1
2186PB	2.609	7/8	2632	6.05	2-3/4	US3514	3.50	1-3/8	SS5825	4.00	1-3/8
2188R	6.00	1-3/8	PW2632	6.05	2-3/4	IS3714J	3.75	1-3/8	IS6018	6.00	1
2190	6.00	1-1/8	2680	6.034	2-3/4	3680	6.034	2-3/4	LXS6018	6.00	1
2190B	6.00	1-1/8	2690C	5.00	5/8	S4000	4.00	5/8	MSR6018	6.00	1
2190P	6.00	1-1/8	2702	3.00	1-3/4	JS4011	4.063	1-3/8	IS6022	6.00	1-1/8
S2190	6.00	1-1/8	2800PB	8.00	1-1/2	LXS4013	4.00	7/8	LXS6042M	6.00	2-3/4
SS2190	6.00	1-1/8	2825	4.00	1-3/8	MSR4013	4.00	7/8	MXS6042	6.00	2-3/4
2198	6.00	1-3/8	SS2857	6.00	2-3/4	IS4014	4.063	1-3/4	US6040	6.00	2-3/4
2198A	6.00	1-3/8	SS2859	6.00	3-1/4	LXS4109	4.00	5/8	JS6042	6.00	2-3/4
2198RX	6.00	1-3/8	SS2864	7.00	3-1/2	4103	4.00	1	6101	6.00	1-1/8
A2198	6.00	1-3/8	IS3010	3.067	1-3/8	IS4106 *	4.063	1-3/4	6102BM	4.00	1-3/4
2205	6.00	2-3/4	IS3011	3.067	1-3/8	4110 *	6.00	3/4	6102½	4.03	1-3/4
2229	9.00	1-3/4	JS3011	3.067	1-3/8	IS4110 *	4.063	1-3/4	6104	6.00	3-1/2
2262	4.587	2-1/2	LXS3011	3.067	1-3/8	SS4110 *	6.00	3/4	HC6104	6.00	3-1/2
2291	8.00	1-3/8	LXS3011M	3.067	1-3/8	4111 *	6.00	3/4	6107A	5.00	2-1/4
2300HP	6.00	7/8	MXS3011	3.067	1-3/8	SS4111 *	6.00	3/4	6110SP	6.00/12.00	1-3/4
2301HP	5.00	7/8	US3011	3.067	1-3/8	LXS4113	4.00	1	6110 (STKN)	6.00	1-3/4
2340HP	4.00	1-1/8	IS3013	3.00	1-5/8	4120 *	6.00	1	6111	4.76	2-1/4
2341HP	4.10	7/8	IS3013N	3.00	1-5/8	SS4120 *	6.00	1	6111M	4.76	2-1/4
2345HP	4.50	5/8	LXS3013	3.00	7/8	IS4121	4.09	1-3/4	6111SP	4.76/7.24	2-1/4
2350HP	5.00	5/8	MSR3013	3.00	7/8	IS4121AC	4.09	1-3/4	6112A	12.00	2-1/4
2351HP	5.00	1-3/8	IS3075	3.075	1-3/8	4124	4.063	1-1/8	6113A	12.00	2-3/4
2352HP	5.25	7/8	JS3075	3.075	1-3/8	4126 *	6.00	3/4			

\*Double No. Teeth for P.D. (U) = UNION CHAIN (J) = JEFFREY CHAIN

PLATE THICKNESS REFERENCE TABLES (6131-14004)								
CHAIN #	PITCH	PL. THK.	CHAIN #	PITCH	PL. THK.	CHAIN #	PITCH	PL. THK.
6130	6.00	1-3/8	6382R	3.075	1-3/8	9118 *	9.031	1-3/4
6130C	6.00	1-3/8	J6388JR	2.609	1	9148A *	9.031	2
6131	3.075	1	LXS6438	6.00	1-1/8	14001	4.00	1-1/2
6134P	4.063	1-3/4	6531PB	3.075	1-1/8	14002	4.00	1-1/2
VS6135	6.00	3/4	6810	6.00	1-3/4	14003	4.00	1-1/8
6136PB	3.075	1-1/8	6825	4.00	1-3/8	14004	4.00	1-3/8
VS6143	6.00	3/4	6826	6.00	2			
6144P	4.063	1-3/4	6830	6.00	1-3/8			
6150PM	6.05	3	6844M	6.00	2-1/4			
6152P	12.00	3	6850	6.00	2			
6178P	18.00	2-1/4	6856M	6.00	2-3/4			
6188M	2.609	7/8	6864	7.00	3-1/4			
LXS6238	6.00	1-1/8	6867	6.00	2-3/4			
6322	12.00	1-3/4	6869	6.00	3-1/4			
6331	18.00	1-3/4	9103	3.075	1			

\*Double No. Teeth for P.D.

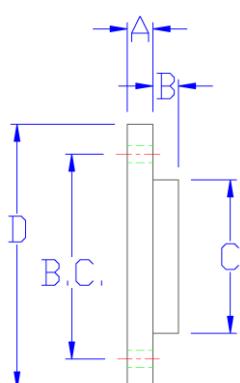
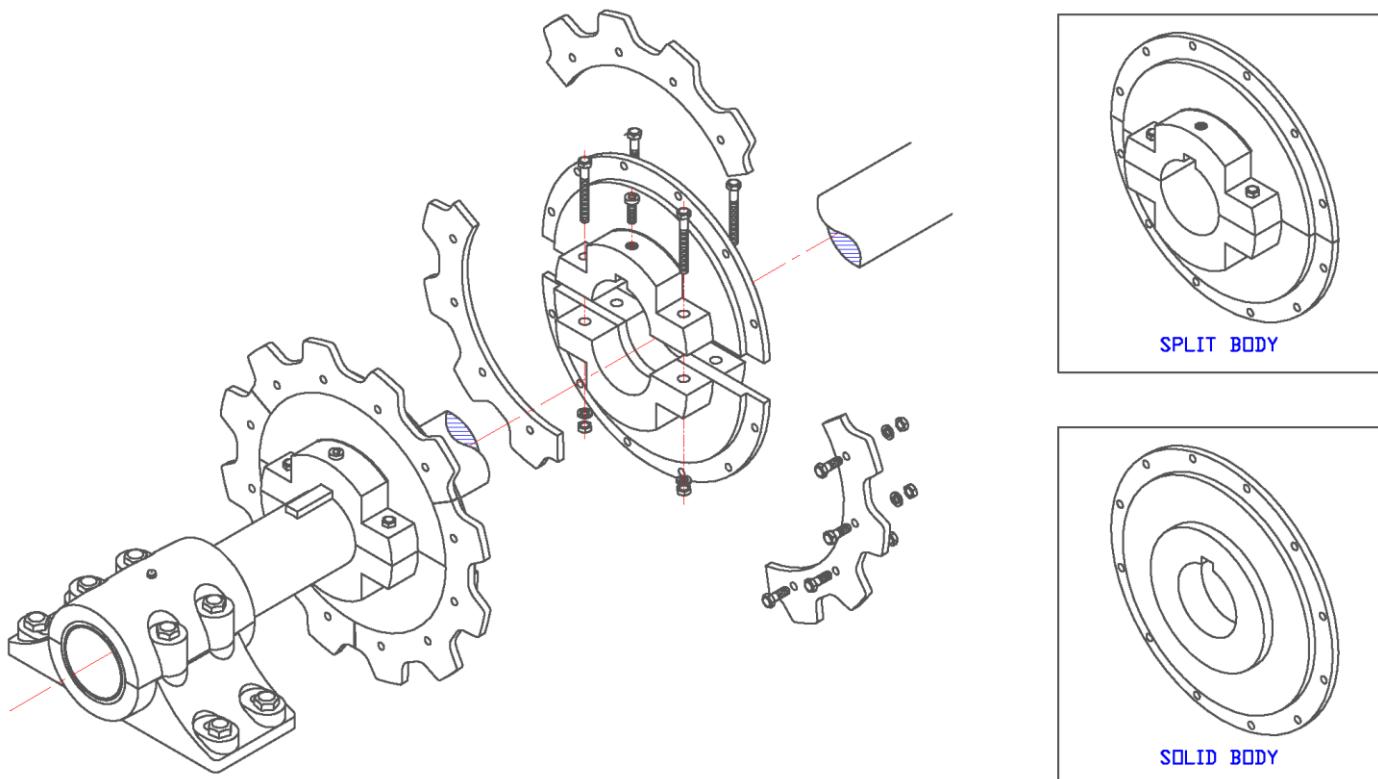


BURNY NO. 10 CNC FLAME CUTTING 2-3/4" C1045 PLATE WITH TWIN CUTTING HEADS.

All **Brewton** sprockets are manufactured to ANSI specifications. Plate material is medium carbon steel. C1042/45. Hardness of 400 BHN is readily obtainable. Through 1-3/4" thick plate, 500 BHN is common. For sprockets used with long pitch chain, hardness concentration is in the tooth pocket.

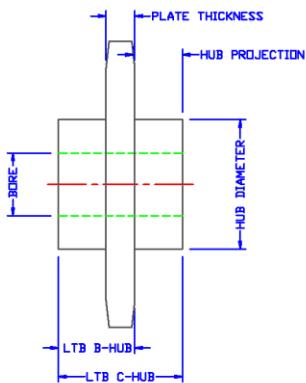
**Brewton's** standard tooth form for all flame cut sprockets produces a tooth that is below the chain sidebar. This provides clearance for chain attachments in conveyor applications. The same tooth form is standard for drive sprockets. A long tooth form is available, but must be specified. Otherwise, the standard will be supplied.

**SEGMENTAL SPROCKET RIM AND BODIES:** All **Brewton** segmental rim sprockets are reversible for extended life. Rims are replaceable on existing bodies for ease of installation, and economy.

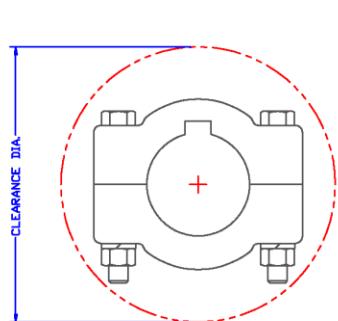


BODY NO.	MAXIMUM SPLIT HUB	EST.WT.	DIMENSIONS					
			A	B	C	D	B.C.	BOLTS
60	SH107	18	3/4	3/4	4-1/2	7-3/4	6	9
80	SH207	30	3/4	3/4	6-1/2	9-3/4	8	12
100	SH307	46	3/4	3/4	8-1/2	11-3/4	10	12
120	SH315	65	7/8	7/8	10-1/2	13-3/4	12	12
160	SH515	118	1	1	14-1/2	18	16	12
200	Can Exceed	180	1	1	18-1/2	21-3/4	20	12
250	Can Exceed	275	1	1	23-1/2	26-3/4	25	12

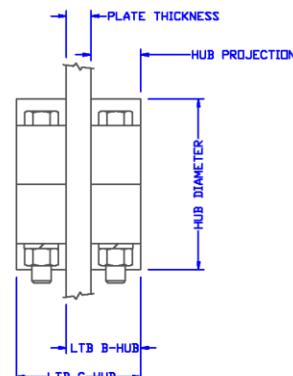
BREWTON STANDARD SOLID HUBS						BREWTON STANDARD SPLIT HUBS							
BORE SIZE	HUB NO.	HUB DIA.	HUB PROJ.	STOCK BORE	WT. EACH HUB	BORE SIZE	HUB NO.	DIMENSIONS					
								CLEAR. DIA.	HUB DIA.	HUB PROJ.	HUB BOLTS	STOCK BORE	WT. PER HUB (LBS.)
1-3/16	H103	2-1/4	3/4	3/4	.6	1-7/16	SH107	4	2-1/2	1.00	3/8 X 2-1/2	1	1-3/4
1-7/16	H107	2-3/4	7/8	1	1.1	1-15/16	SH115	5-3/4	3-1/2	1.25	1/2 X 2-3/4	1-1/2	4
1-15/16	H115	3-1/2	1	1-1/2	1.9	2-7/16	SH207	6-3/8	4-1/2	1.50	1/2 X 3-3/4	2	6-1/4
2-7/16	H207	4-1/4	1-1/4	1-3/4	3.4	2-15/16	SH215	7-3/8	5	1.50	5/8 X 4-1/2	2-1/2	7-3/4
2-15/16	H215	5	1-1/2	1-3/4	5.5	3-7/16	SH307	8-3/4	6	1.75	3/4 X 5-1/2	3	13
3-7/16	H307	6	1-1/2	2	8.0	3-15/16	SH315	9-3/8	6-1/2	1.75	3/4 X 5-1/2	3-1/2	15-3/4
3-15/16	H315	6-1/2	1-3/4	2	11.0	4-7/16	SH407	11-1/2	6-7/8	2.25	1 X 6	4	27
4-7/16	H407	7	1-3/4	2	12.0	4-15/16	SH415	12-1/4	8	2.25	1 X 6-1/2	4-1/2	31
4-15/16	H415	8	2	2	18.0	5-7/16	SH507	12-7/8	8-1/2	2.75	1-1/4 X 7	5	44
5-7/16	H507	8-3/4	2	2	21.0	5-15/16	SH515	14-1/4	9-1/2	2.75	1-1/4 X 8	5-1/2	51
5-15/16	H515	9-1/2	2-1/2	2	31.0	6-1/2	SH608	15-1/8	9-15/16	2.75	1-1/4 X 8	6	56
6-1/2	H608	10	2-1/2	2	32.0	7	SH700	16-1/2	11	2.75	1-1/4 X 8-1/2	6-1/2	62
7	H700	11	2-1/2	2	40.0	7-1/2	SH708	16-3/4	11-1/2	2.75	1-1/4 X 8-1/2	7	65
7-1/2	H708	11-1/2	2-3/4	2	47.0	8	SH800	17-1/2	11-15/16	2.75	1-1/4 X 9	7-1/2	76
8	H800	12	2-3/4	2	50.0	Other design split hubs are available for special application, or to fit larger bores to smaller pitch diameter sockets. Consult factory when required.							



SOLID

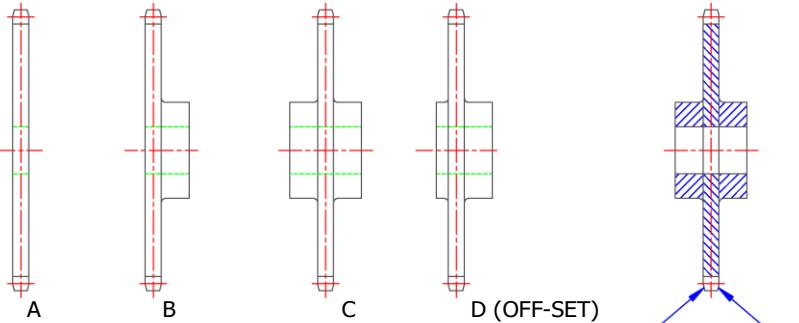


SPLIT

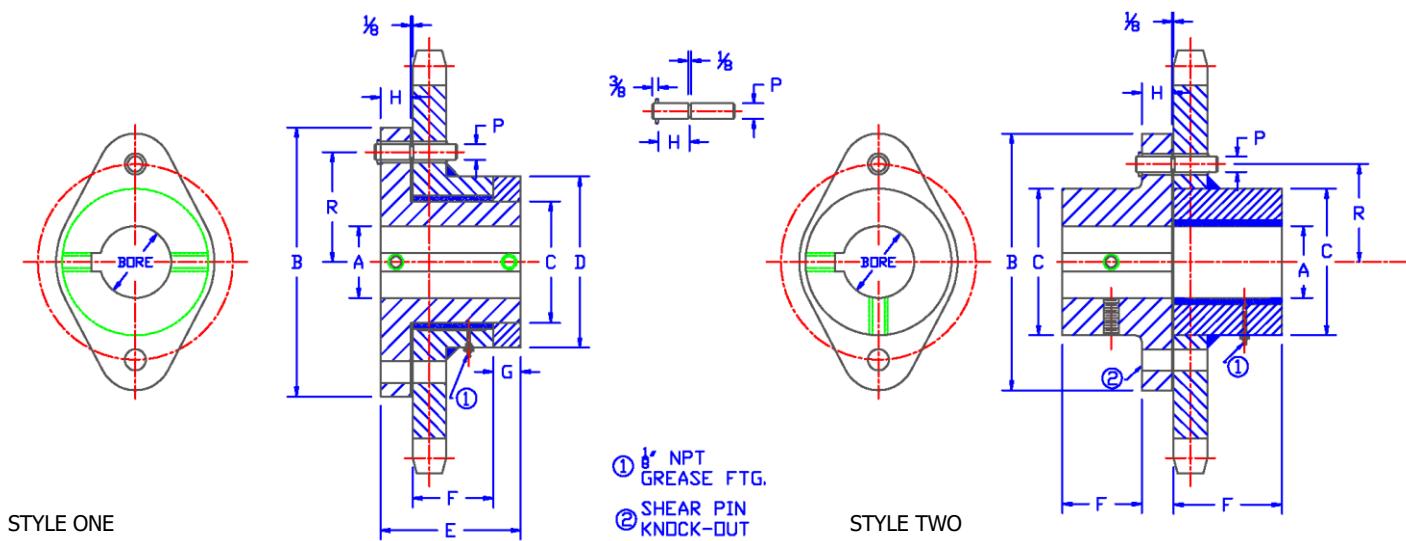


BORE TOLERANCES, UNLESS OTHERWISE SPECIFIED, ARE AS FOLLOWS:

Ø1" & Under Nominal Plus .001"  
 Over Ø1" to Ø2" Nominal Plus .002"  
 Over Ø2" to Ø3" Nominal Plus .003"  
 Over Ø3" to Ø4" Nominal Plus .004"  
 Ø4" and Over Nominal Plus .005"



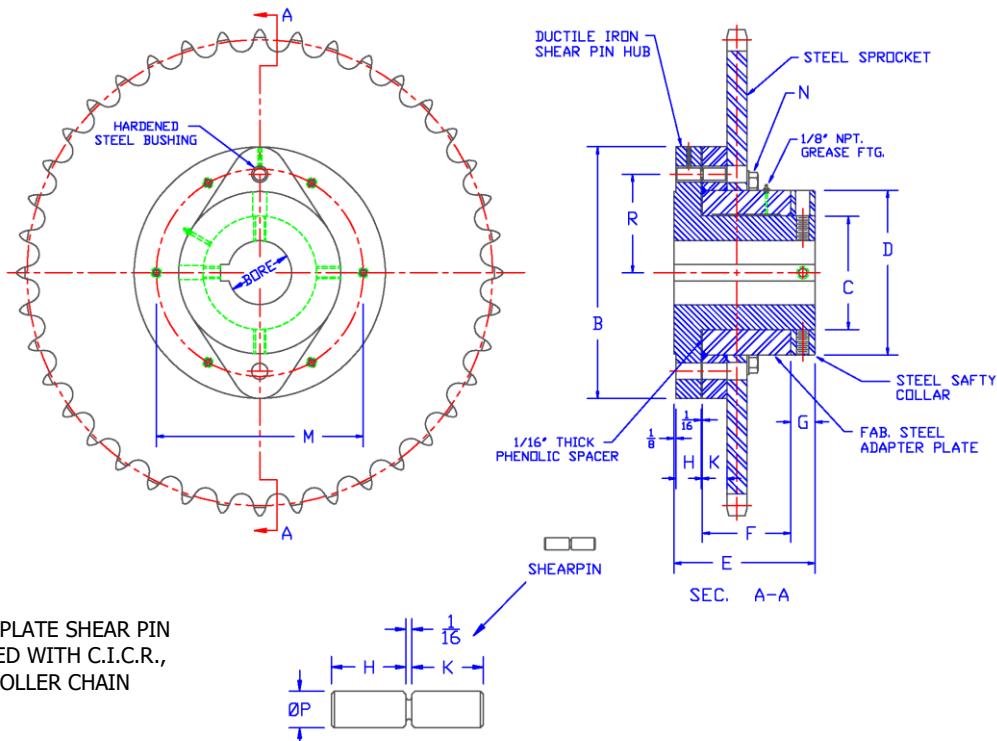
FOR PROPER CHAIN ENGAGEMENT,  
ALL BREWTON SPROCKETS ARE  
MACHINE CHAMFERED TO ANSI  
SPECIFICATIONS.



BRONZE BUSHINGS SUPPLIED ON REQUEST AT ADDITIONAL CHARGE. 1/8" WALL SUPPLIED THRU 1-7/16" BORE, 1/4" WALL THRU 4-15/16" BORE, AND 3/8" WALL THRU 5-7/16" BORE AND ABOVE.

BORE	SHEAR PIN		DIAMETERS			LENGTH THRU			HUB FLG. THK.
	RADIUS	PIN DIA.	FLANGE	SHEAR PIN HUBS	SPKT. HUB & COLLAR	SHEAR PIN HUB	SPKT.	COLLAR	
A	R	P	B	C	D	E	F	G	H
15/16	1-13/16	1/4	5-1/4	1-3/4	2-1/2	2-5/8	1-3/8	3/8	3/4
1-3/16	2-3/16	1/4	6	2-1/4	3-1/4	2-7/8	1-1/2	1/2	3/4
1-7/16	2-9/16	5/16	6-3/4	2-3/4	4	3-1/4	1-3/4	5/8	3/4
1-11/16	3	1/2	7-3/4	3	4-3/4	4-3/8	2-1/2	3/4	1
1-15/16	3-5/16	1/2	8-3/4	3-3/4	5-1/4	4-1/2	2-1/2	7/8	1
2-3/16	3-13/16	1/2	9-3/4	4-1/4	6-1/4	5-1/8	3	1	1
2-7/16	4	5/8	10	4-1/2	6-1/2	5-7/8	3-1/2	1	1-1/4
2-11/16	4-3/8	5/8	11-1/2	5	7	6-1/8	3-3/4	1	1-1/4
2-15/16	4-7/8	5/8	12-1/2	5-1/2	8	6-5/8	4	1-1/4	1-1/4
3-7/16	5-5/16	3/4	13-1/2	6-1/4	8-3/4	7-3/4	4-3/4	1-1/4	1-5/8
3-15/16	6-1/16	3/4	15-1/2	7	10	8-1/4	5	1-1/2	1-5/8
4-7/16	6-7/16	3/4	16-1/4	7-3/4	10-3/4	9-3/8	6	1-1/2	1-3/4
4-15/16	7-1/8	1	17-1/2	8-1/2	12	9-7/8	6-1/2	1-1/2	1-3/4
5-7/16	8-1/8	1	20-1/4	9-3/4	13-3/4	11-1/8	7	2	2
5-15/16	8-7/8	1	22-1/2	10-3/4	15	11-5/8	7-1/2	2	2

**NOTE:** SHEAR PIN HUBS ARE MANUFACTURED FROM 65-45-12 DUCTILE IRON, UNLESS OTHERWISE SPECIFIED.



SHEAR PIN ASSEMBLY DIMENSIONS (inches)

SHEAR PIN ASSY #	HUB BORE RANGE	MIN. P.D.	SHEARPIN		DIAMETER			LENGTH THROUGH			HUB FLG. THK.	ADPT. FLG. THK.	BOLTS		WT. (lbs.)	
			RADIUS	PIN DIA.	FLG.	S/P HUB	SPKT. HUB	S/P HUB	ADPT.	COLL.			N	M	S/P HUB	S/P ADPT.
			R	P	B	C	D	E	F	G			H	K		
SPA-100	1/2 to 1	7.25	1-13/16	1/4	5-1/4	1-3/4	2-5/8	2-7/16	1-5/16	3/8	9/16	9/16	4-3/8	4	2.7	3.2
SPA-104	1-1/16 to 1/4	8.00	2-3/16	1/4	6	2-1/4	3-3/8	2-15/16	1-11/16	1/2	9/16	9/16	4-3/8	4-3/4	4.6	4.7
SPA-108	1-5/16 to 1-1/2	8.75	2-9/16	3/8	6-3/4	2-3/4	4-1/8	3-9/16	2-1/16	5/8	11/16	11/16	4-1/2	5-1/2	7.2	7.6
SPA-112	1-9/16 to 1-3/4	9.75	3	3/8	7-3/4	3-1/4	4-7/8	4-3/16	2-7/16	3/4	13/16	13/16	4-1/2	6-1/4	11.0	11.9
SPA-200	1-13/16 to 2	10.75	3-5/16	1/2	8-3/4	3-3/4	5-3/8	4-13/16	2-13/16	7/8	15/16	15/16	4-5/8	7	16.2	16.9
SPA-204	2-1/16 to 2-1/4	11.75	3-13/16	1/2	9-3/4	4-1/4	6-3/8	5-3/16	2-15/16	1	1-1/16	1-1/16	4-5/8	8	23.3	24.5
SPA-208	2-5/16 to 2-1/2	12.00	4	5/8	10	4-1/2	6-5/8	5-11/16	3-7/16	1	1-1/16	1-1/16	4-5/8	8-1/4	26.3	27.7
SPA-212	2-9/16 to 2-3/4	13.50	4-3/8	5/8	11-1/2	5	7-1/8	6-5/16	3-13/16	1-1/8	1-3/16	1-3/16	4-5/8	9-1/4	40.4	38.6
SPA-300	2-13/16 to 3	14.50	4-7/8	5/8	12-1/2	5-1/2	8-1/8	6-15/16	4-3/16	1-1/4	1-5/16	1-5/16	6-5/8	10-1/4	52.6	53.6
SPA-308	3-1/16 to 3-1/2	15.50	5-5/16	3/4	13-1/3	6-1/4	8-7/8	7-13/16	4-13/16	1-3/8	1-7/16	1-7/16	6-5/8	11-1/4	66.7	66.8
SPA-400	3-9/16 to 4	17.50	6-1/16	3/4	15-1/2	7	10-1/8	8-11/16	5-7/16	1-1/2	1-9/16	1-1/2	6-5/8	12-3/4	96.5	100.0
SPA-408	4-1/16 to 4-1/2	18.25	6-7/16	3/4	16-1/4	7-3/4	10-7/8	9-11/16	6-7/16	1-1/2	1-9/16	1-1/2	6-3/4	13-1/2	125.0	115.0
SPA-500	4-9/16 to 5	19.50	7-1/8	1	17-1/2	8-1/2	12-1/8	10-11/16	6-15/16	1-3/4	1-13/16	1-1/2	6-1	14-3/4	160.0	150.0
SPA-508	5-1/16 to 5-1/2	22.25	8-1/8	1	20-1/4	9-3/4	13-7/8	11-11/16	7-7/16	2	2-1/16	1-1/2	6-1	17	215.0	207.0
SPA-600	5-9/16 to 6	24.50	8-7/8	1	22-1/2	10-3/4	15-1/8	12-15/16	8 3/16	2-1/4	2-5/16	1-1/2	6-1	18-3/8	318.0	265.0

Shear pin length equals H &amp; K dimension + 1/16"

Refer to page 51 for shear pin torque ratings.

**SHEAR PIN HUBS**

Shear Pin Hubs are used as a safety device to protect machinery from overload. The shear pin hub is keyed to the shaft and connected to the loose wheel by a pin which will transmit only the normal power requirements plus a predetermined overload without shearing. The selection of a shear pin rated at slightly more than twice the torque requirements is usually the proper size to use. We offer two types of shear pin hubs:

**STYLE 1** is the most popular of the two types because it requires less space than Style 2. On this type, the wheel is mounted on the flange hub and held in place by a collar.

**STYLE 2** consists of the loose wheel and the flange hub both mounted on the shaft. A bearing or set collar should be placed against the free side of the wheel.

Shear pins are normally mounted in hardened steel bushings and are notched.

**IMPORTANT ORDERING INFORMATION:**

When ordering, be sure to include Style, Bore Diameter, and Diameter of Shear Pin Neck.

**DETERMINING THE PROPER SHEAR PIN HUB TO USE**

The general rule to follow in selecting a shear pin hub is that the torque ratings of the shear pin should be slightly more than two times the torque requirement.

When the horsepower is known, find the torque requirement by the following formula:

$$\text{TORQUE} = \frac{63000 \times \text{HORSEPOWER REQUIREMENT}}{\text{RPM}}$$

You can find the actual torque rating to use by the following formula if the working load at the pitch line of the wheel is known:

$$\text{TORQUE RATING} = \frac{D}{\text{WHEEL DIAMETER}} \times \frac{L}{\text{WORKING LOAD AT WHEEL PITCH LINE}}$$

<b>Shear Pin Torque Ratings</b>													
<b>SHEAR PIN NECK DIA. (INCHES)</b>	<b>TORQUE RATING – POUND INCHES</b>												
	<b>SHAFT DIAMETER</b>												
	1-7/16	1-11/16	1-15/16	2-3/16	2-7/16	2-11/16	2-15/16	3-7/16	3-15/16	4-7/16	4-15/16	5-7/16	5-15/16
3/32	1022	1204	1323	1556	1603								
1/8	1752	2064	2268	2616	2748								
5/32	2774	3268	3591	4142	4351	4750							
3/16	3942	4944	5103	5886	6183	6750	7317						
7/32	5402	6364	6993	8066	8473	9250	10027						
1/4	7300	8600	9450	10900	11450	12500	13550	15200	17300	18400			
9/32	9052	10664	11718	13516	14198	15500	16802	18848	21452	22816			
5/16	11096	13072	14364	16568	17403	19000	20596	23140	26296	27968	30932		
11/32		15824	17388	20056	21068	23000	24932	27968	31832	33856	37440		
3/8		18920	20790	23980	25190	27500	29810	33440	38060	40480	44770	51040	
13/32			24570	28340	29170	32500	35230	39250	44980	47840	52910	60320	
7/16			28350	32700	34350	42500	41650	45600	51900	55200	61050	69600	
15/32				37060	38930	49000	46070	51680	58820	62560	69190	78880	
1/2				42728	44884	55000	53116	59584	67816	72128	79772	90944	
17/32						62000	59620	66880	76120	80960	89540	102080	
9/16						67280	75392	85808	91264	100936	115072		
19/32						73220	82080	93420	99360	109890	125280	136890	
5/8						82800	92720	105530	112240	124135	141520	154635	
21/32							103360	117640	126120	138380	157760	172380	
11/16							112480	128020	136160	150590	171680	187590	
23/32								138400	147200	162800	185600	202800	
3/4								152240	161920	179080	204160	223080	
25/32										195360	222720	243360	
13/16										211640	241280	263640	
27/32										227920	259840	283920	
7/8										244200	278400	304200	
29/32											296960	324480	
15/16											301600	329550	
21/32											338720	370110	
1											371200	405600	
1-1/16												446160	
1-1/8												507000	

The above torque ratings are calculated on the basis of using a drill rod with a tensile strength of 90,000 p.s.i., and the general theory that the shear strength of metal is 5/8 of the tensile strength.

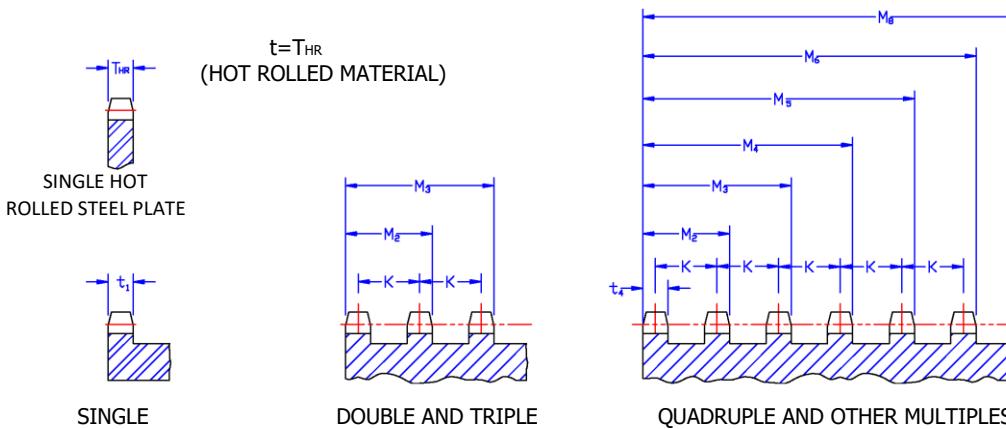
**SPROCKET PITCH DIAMETER CONSTANTS**

To obtain the pitch diameter of a sprocket, multiply the constant for the number of teeth, or pitches, from the table below by the chain pitch.

<b>Number of Teeth</b>	<b>Constant</b>						
4	1.4142	47	14.9717	90	28.6537	133	42.338
5	1.7013	48	15.2898	91	28.9723	134	42.656
6	2.0000	49	15.6079	92	29.2901	135	42.975
7	2.3048	50	15.9260	93	29.6082	136	43.293
8	2.6131	51	16.2441	94	29.9268	137	43.611
9	2.9238	52	16.5619	95	30.2447	138	43.930
10	3.2361	53	16.8803	96	30.5632	139	44.249
11	3.5495	54	17.1984	97	30.8815	140	44.567
12	3.8637	55	17.5166	98	31.1999	141	44.885
13	4.1785	56	17.8347	99	31.5177	142	45.203
14	4.4940	57	18.1529	100	31.8362	143	45.521
15	4.8097	58	18.4710	101	32.1540	144	45.840
16	5.1259	59	18.7892	102	32.473	145	46.158
17	5.4423	60	19.1073	103	32.791	146	46.477
18	5.7588	61	19.4255	104	33.109	147	46.796
19	6.0756	62	19.7437	105	33.427	148	47.114
20	6.3925	63	20.0618	106	33.746	149	47.432
21	6.7095	64	20.3800	107	34.064	150	47.750
22	7.0266	65	20.6982	108	34.382		
23	7.3439	66	21.0164	109	34.701		
24	7.6613	67	21.3346	110	34.019		
25	7.9787	68	21.6528	111	35.337		
26	8.2962	69	21.9710	112	35.655		
27	8.6138	70	22.2892	113	35.974		
28	8.9315	71	22.6074	114	36.292		
29	9.2491	72	22.9256	115	36.610		
30	9.5668	73	23.2438	116	36.929		
31	9.8845	74	23.5620	117	37.247		
32	10.2023	75	23.8802	118	37.565		
33	10.5201	76	24.1984	119	37.883		
34	10.8380	77	24.5166	120	38.201		
35	11.1558	78	24.8349	121	38.519		
36	11.4737	79	25.1531	122	38.837		
37	11.7917	80	25.4713	123	39.156		
38	12.1096	81	25.7896	124	39.475		
39	12.4275	82	26.1079	125	39.794		
40	12.7455	83	26.4261	126	40.112		
41	13.0635	84	26.7442	127	40.430		
42	13.3815	85	27.0626	128	40.748		
43	13.6995	86	27.3807	129	41.066		
44	14.0175	87	27.6989	130	41.384		
45	14.3356	88	28.0170	131	41.702		
46	14.6536	89	28.3355	132	42.020		

Example: To determine pitch diameter of an 18-tooth sprocket for H-124 chain, multiply the chain pitch of 4.000 times the 18-tooth constant of 5.7588. Pitch diameter is equal to  $4.000 \times 5.7588 = 23.04$ ."

# Brewton Iron Works, LLC ROLLER CHAIN SPROCKET TOOTH DIMENSIONS



Sprocket Tooth Dimensions—Standard and Heavy Series																	
Chain Data for All Sprockets				Single Strand t1 and THR	Double and Triple Strand			For 4 or more Strands							Machining Tolerance on "t" AND "M"	Hot Rolled Tolerance on THR	
ANSI NO.	PITCH	ROLLER WIDTH	ROLLER DIAM.		t2	M2	M3	t4	M2	M3	M4	M5	M6	M8			
<b>STANDARD SERIES CHAIN SPROCKETS</b>																	
25	1/4	1/8	.130	.110	.107	.359	.611	.96	.348	.600	.852	1.140	1.356	1.860	.252	-.007	-.21
35	3/8	3/16	.200	.168	.162	.561	.960	.149	.548	.947	1.346	1.745	2.144	2.942	.399	-.008	-.27
41	1/2	1/4	.306	.227	+	+	+	+	+	+	+	+	+	+	+.009	-.032	
40	1/2	5/16	.312	.284	.275	.841	1.407	.256	.822	1.388	1.954	2.520	3.086	4.218	.566	-.009	-.35
50	5/8	3/8	.400	.343	.332	1.045	1.758	.311	1.024	1.737	2.450	3.163	3.876	5.302	.713	-.10	-.36
60	3/4	1/2	.469	.459	.444	1.341	2.238	.418	1.315	2.212	3.109	4.006	4.903	6.697	.897	-.11	-.36
80	1	5/8	.625	.575	.557	1.710	2.863	.526	1.679	2.832	3.985	5.138	6.291	8.597	1.153	-.12	-.40
100	1-1/4	3/4	.750	.692	.669	2.077	3.485	.633	2.041	3.449	4.857	6.265	7.673	10.489	1.408	-.14	-.46
120	1-1/2	1	.875	.924	.894	2.683	4.472	.848	2.637	4.426	6.215	8.004	9.793	13.371	1.789	-.16	-.57
140	1-3/4	1	1.000	.924	.894	2.818	4.472	.848	2.772	4.696	6.620	8.544	10.468	14.316	1.924	-.16	-.57
160	2	1-1/4	1.125	1.156	1.119	3.424	5.729	1.063	3.368	5.673	7.978	10.283	12.588	17.198	2.305	-.19	-.62
180	2-1/4	1-13/32	1.406	1.301	1.259	3.851	6.443	1.197	3.789	6.381	8.973	11.565	14.157	19.341	2.592	-.20	-.68
200	2-1/2	1-1/2	1.562	1.389	1.344	4.161	6.978	1.278	4.095	6.912	9.729	12.546	15.363	20.997	2.817	-.21	-.72
240	3	1-7/8	1.875	1.738	1.682	5.140	8.598	1.601	5.059	8.517	11.975	15.433	18.891	—	3.458	-.25	-.87
<b>HEAVY SERIES CHAIN SPROCKETS</b>																	
60H	3/4	1/2	.469	.459	.444	1.472	2.500	.418	1.446	2.474	3.502	4.530	5.558	7.614	1.028	-.11	-.36
80H	1	5/8	.625	.575	.557	1.840	3.123	.526	1.809	3.092	4.375	5.568	6.941	9.507	1.283	-.12	-.40
100H	1-1/4	3/4	.750	.669	.669	2.208	3.747	.633	2.172	3.711	5.250	6.789	8.328	11.406	1.539	-.14	-.46
120H	1-1/2	1	.875	.924	.894	2.818	4.742	.848	2.772	4.696	6.620	8.544	10.468	14.316	1.924	-.16	-.57
140H	1-3/4	1	1.000	.924	.894	2.949	5.004	.848	2.903	4.958	7.013	9.068	11.123	15.233	2.055	-.16	-.57
160H	2	1-1/4	1.125	1.156	1.119	3.555	5.991	1.063	3.499	5.935	8.371	10.807	13.243	18.115	2.436	-.19	-.62
180H	2-1/4	1-13/32	1.406	1.301	1.259	3.982	6.705	1.197	3.920	6.643	9.366	12.089	14.812	20.258	2.723	-.20	-.68
200H	2-1/2	1-1/2	1.562	1.389	1.344	4.427	7.510	1.278	4.361	7.444	10.527	13.610	16.693	22.859	3.083	-.21	-.72

+ No 41 is not made in multiple strands

PD= P Sin (180deg./N)				P= Pitch H= Height of Inside				ANSI #		H		ANSI #		H		ANSI #		H					
Plate				Dr=Roller Diameter				50		.472		120		1.425		200		2.374					
BD=PD-Dr				PD=Pitch Diameter				60		.713		140		1.661		240		2.850					
CD=PD cos 90deg./N - Dr				BD= Bottom Diameter				80		.949		160		1.898									
OD=P (0.6 + cot 180deg./N)				OD=Outside Diameter				100		1.185		180		2.134									
CHAIN #	35		41		40		50		60		80		100		120		140		160		CHAIN #		
PITCH	3/8"		1/2"		1/2"		5/8"		3/4"		1"		1-1/4"		1-1/2"		1-3/4"		2"		2-1/2"	PITCH	
TEETH	HUB DIA	MAX BORE	HUB DIA	MAX BORE	HUB DIA	MAX BORE	HUB DIA	MAX BORE	HUB DIA	MAX BORE	HUB DIA	MAX BORE	HUB DIA	MAX BORE	HUB DIA	MAX BORE	HUB DIA	MAX BORE	HUB DIA	MAX BORE	TEETH		
6	1/4		27/64		23/64		7/16		9/16	3/8	49/64	17/32	63/64	5/8	1-3/16	27/32	1-21/64	7/8	1-1/2	1-1/16	2	1-3/8	6
7	3/8		19/32	13/32	17/32	5/16	41/64	7/16	53/64	9/16	1-7/64	25/32	1-13/32	31/32	1-45/64	1-3/16	1-15/16	1-1/4	2-13/64	1-1/2	2-55/64	1-15/16	7
8	1/2	5/16	49/64	17/32	45/64	15/32	55/64	9/16	1-5/64	3/4	1-29/64	1	1-53/64	1-1/4	2-13/64	1-1/2	2-33/64	1-3/4	2-7/8	2	3-45/64	2-9/16	8
9	5/8	7/16	15/16	19/32	55/64	9/16	1-1/16	23/32	1-21/64	7/8	1-25/32	1-1/4	2-1/4	1-9/16	2-45/64	1-13/16	3-7/64	2-3/16	3-17/32	2-7/16	4-17/32	3-3/16	9
10	3/4	17/32	1-3/32	3/4	1-1/64	11/16	1-17/64	7/8	1-37/64	1-1/8	2-1/8	1-7/16	2-21/32	1-3/4	3-13/64	2-1/4	3-11/16	2-9/16	4-13/64	2-7/8	5-23/64	3-3/4	10
11	7/8	9/16	1-17/64	7/8	1-3/16	27/32	1-31/64	1	1-13/16	1-1/4	2-7/16	1-3/4	3-5/64	2-3/16	3-45/64	2-9/16	4-1/4	2-15/16	4-55/64	3-5/16	6-3/16	4-7/16	11
12	1	11/16	1-27/64	31/32	1-23/64	7/8	1-11/16	1-3/16	2-1/16	1-3/8	2-49/64	1-7/8	3-31/64	2-3/8	4-3/16	2-7/8	4-53/64	3-5/16	5-1/2	3-3/4	7	5-7/16	12
13	1-1/8	25/32	1-19/32	1-1/8	1-33/64	1-1/16	1-57/64	1-1/4	2-5/16	1-5/8	3-3/32	2-3/16	3-57/64	2-3/4	4-43/64	3-1/4	5-25/64	3-3/4	6-5/32	4-3/8	7-13/16	6-1/16	13
14	1-15/64	7/8	1-3/4	1-1/4	1-11/16	1-3/16	2-3/32	1-7/16	2-35/64	1-3/4	3-27/64	2-5/16	4-19/64	2-15/16	5-5/32	3-5/8	5-31/32	4-3/16	6-13/16	5-1/4	8-5/8	6-1/2	14
15	1-23/64	7/8	1-29/32	1-1/4	1-27/32	1-1/4	2-9/32	1-5/8	2-51/64	1-7/8	3-3/4	2-5/8	4-45/64	3-1/4	5-41/64	3-7/8	6-17/32	5	7-29/64	5-11/16	9-7/16	7	15
16	1-31/64	1	2-5/64	1-3/8	2	1-3/8	2-31/64	1-3/4	3-1/32	2-1/8	4-1/16	2-3/4	5-3/32	3-1/2	6-1/8	4-9/16	7-3/32	5-1/2	8-3/32	6-5/16	10-15/64	7-9/16	16
17	1-39/64	1-1/8	2-15/64	1-9/16	2-11/64	1-1/2	2-11/16	1-13/16	3-9/32	2-1/4	4-25/64	3-1/16	5-1/2	3-3/4	6-39/64	5-1/16	7-21/32	5-7/8	8-3/4	7	11-3/64	8-3/8	17
18	1-23/32	1-3/16	2-25/64	1-11/16	2-21/64	1-5/8	2-57/64	2	3-33/64	2-3/8	4-49/64	3-1/4	5-29/32	4-1/8	7-3/32	5-1/2	8-7/32	6-7/16	9-25/64	7	11-27/32	8-15/16	18
19	1-27/32	1-1/4	2-9/16	1-3/4	2-31/64	1-3/4	3-3/32	2-3/16	3-49/64	2-5/8	5-1/32	3-1/2	6-5/16	4-3/4	7-37/64	5-13/16	9-11/32	7	10-1/32	7-1/2	12-21/32	9-9/16	19
20	1-31/32	1-3/8	2-23/32	1-13/16	2-21/32	1-3/4	3-19/64	2-1/4	4	2-3/4	5-23/64	3-3/4	6-45/64	5-1/8	8-1/16	6-5/16	9-29/32	7	10-43/64	8	13-29/64	10-3/8	20
21	2-3/32	1-7/16	2-7/8	2	2-13/16	1-15/16	3-1/2	2-3/8	4-15/64	2-7/8	5-43/64	3-7/8	7-7/64	5-1/2	8-36/64	6-3/4	10-15/32	7-1/2	11-5/16	8-9/16	14-1/4	10-15/16	21
22	2-13/64	1-1/2	3-1/32	2-1/8	2-31/32	2-1/16	3-45/64	2-9/16	4-31/64	3-1/8	6	4-1/4	7-33/64	5-3/4	9-1/64	7	11-1/32	8-1/16	11-61/64	9	15-1/16	11-9/16	22
23	2-21/64	1-5/8	3-13/64	2-1/4	3-1/8	2-1/4	3-57/64	2-3/4	4-23/32	3-1/4	6-5/16	4-3/4	7-29/32	6-1/8	9-1/2	7-1/16	11-19/32	8-5/8	12-19/32	9-3/8	15-55/64	12-5/16	23
24	2-29/64	1-3/4	3-23/64	2-1/4	3-19/64	2-1/4	4-3/32	2-3/4	4-61/64	3-7/16	6-41/64	5-1/15	8-5/16	6-1/2	9-63/64	7-9/16	12-5/32	9	13-15/64	10-1/8	16-21/32	12-5/16	24
25	2-9/16	1-3/4	3-33/64	2-3/8	3-29/64	2-5/16	4-19/64	2-5/16	5-13/64	3-5/8	6-61/64	5-3/8	8-45/64	6-1/2	10-15/32	8-1/16	12-5/32	9-5/16	13-7/8	10-3/16	17-29/64	13-1/16	25

The above maximum bores are not approved for severe service conditions, or for Cast Iron Sprockets.  
Maximum bores for Cast Iron Sprockets should be about 15% less than for steel, with 1/4" as the minimum difference.  
For severe service conditions, maximum bores should not be greater than 2/3 of the diameter of the hub.

STANDARD KEYWAY AND SET SCREW					
DIAMETER OF SHAFT	KEYSEAT WIDTH X DEPTH	*DIAMETER OF SET SCREW	DIAMETER OF SHAFT	KEYSEAT WIDTH X DEPTH	*DIAMETER OF SET SCREW
5/16 to 7/16	3/32 x 3/64	8-32	2-13/16 to 3/14	3/4 x 3/8	3/4
1/2 to 9/16	1/8 x 1/16	10-24	3-5/16 to 3-3/4	7/8 x 7/16	3/4
5/8 to 7/8	3/16 x 3/32	1/4	3-13/16 to 4-1/2	1 x 1/2	3/4
15/16 to 1-1/4	1/4 x 1/8	5/16	4-9/16 to 5-1/2	1-1/4 x 5/8	3/4
1-5/16 to 1-3/8	5/16 x 5/32	5/16	5-9/16 to 6-1/2	1-1/2 x 3/4	1
1-7/16 to 1-3/4	3/8 x 3/16	3/8	6-9/16 to 7-1/2	1-3/4 x 7/8	1
1-13/16 to 2-1/4	1/2 x 1/4	1/2	7-9/16 to 8-15/16	2 x 3/4	1
2-5/16 to 2-3/4	5/8 x 5/16	5/8	9 to 10-15/16	2-1/2 x 1-1/4	1

NOTE: As a general rule, the hub wall over the keyway should be equal to or greater than the diameter of the set screw.  
\*Set screw size may vary depending on hub wall thickness.

These diameters apply only to chains of 1-inch pitch. For any other pitch diameter or outside diameter, multiply the diameter given below the pitch.

Caliper Diameter (even teeth) = Pitch Diameter - Roller Diameter

Caliper Diameter (odd teeth) = Caliper factor X Pitch - Roller Diameter

NO. TEETH	PITCH DIA	OUTSIDE DIA	CALIPER DIA	NO. TEETH	PITCH DIA	OUTSIDE DIA	CALIPER DIA	NO. TEETH	PITCH DIA	OUTSIDE DIA	CALIPER DIA	NO. TEETH	PITCH DIA	OUTSIDE DIA	CALIPER DIA	NO. TEETH	PITCH DIA	OUTSIDE DIA	CALIPER DIA
5	1.701	1.976	.993	51	16.244	16.813	15.611	97	30.822	31.465	30.252	143	45.522	46.111	44.894	189	60.163	60.755	59.536
6	2.000	2.332	1.375	52	16.562	17.132	15.937	98	31.200	31.784	30.575	144	45.840	46.429	45.215	190	60.482	61.073	59.857
7	2.305	2.676	1.622	53	16.880	17.451	16.248	99	31.518	31.102	30.889	145	46.158	46.748	45.531	191	60.800	61.392	60.173
8	2.613	3.014	1.988	54	17.198	17.769	16.573	100	31.836	32.421	31.211	146	46.477	47.066	45.852	192	61.118	61.710	60.493
9	2.924	3.348	2.254	55	17.516	18.088	16.884	101	32.154	32.739	31.526	147	46.795	47.384	46.167	193	61.436	62.028	60.809
10	3.236	3.678	2.611	56	17.835	18.407	17.210	102	32.473	33.057	31.848	148	47.113	47.703	46.488	194	61.755	62.347	61.130
11	3.550	4.006	2.888	57	18.153	18.725	17.521	103	32.791	33.376	32.162	149	47.432	48.021	46.804	195	62.073	62.665	61.447
12	3.864	4.332	3.239	58	18.471	19.044	17.846	104	33.109	33.694	32.484	150	47.750	48.340	47.125	196	62.391	62.983	61.756
13	4.179	4.657	3.523	59	18.789	19.363	18.157	105	33.428	34.013	32.799	151	48.068	48.658	47.441	197	62.710	63.302	62.083
14	4.494	4.981	3.869	60	19.107	19.681	18.482	106	34.064	34.331	33.121	152	48.386	48.976	47.761	198	63.028	63.620	62.403
15	4.810	5.304	4.158	61	19.426	20.000	18.794	107	34.382	34.649	33.435	153	48.705	49.295	48.077	199	63.346	63.938	62.719
16	5.126	5.627	4.501	62	19.744	20.318	19.119	108	34.701	34.968	33.757	154	49.023	49.613	48.398	200	63.665	64.257	63.040
17	5.442	5.949	4.794	63	20.062	20.637	19.431	109	35.019	35.286	34.072	155	49.341	49.931	48.714				
18	5.759	6.271	5.134	64	20.380	20.956	19.755	110	35.337	35.605	34.394	156	49.660	50.250	49.035				
19	6.076	6.593	5.430	65	20.698	21.274	20.067	111	35.655	35.923	35.030	157	49.978	50.568	49.351				
20	6.392	6.914	5.767	66	21.016	21.593	20.391	112	35.974	36.241	35.345	158	50.296	50.886	49.671				
21	6.710	7.235	6.066	67	21.335	21.911	20.704	113	36.292	36.560	35.667	159	50.615	51.205	49.987				
22	7.027	7.555	6.402	68	21.653	22.230	21.028	114	36.610	36.878	35.982	160	50.933	51.523	50.308				
23	7.344	7.876	6.702	69	21.971	22.548	21.340	115	36.928	37.197	36.303	161	51.251	51.841	50.624				
24	7.661	8.196	7.036	70	22.289	22.867	21.664	116	37.274	37.515	36.618	162	51.569	52.160	50.944				
25	7.979	8.516	7.338	71	22.607	22.607	21.977	117	37.565	37.833	36.940	163	51.888	52.478	51.260				
26	8.296	8.836	7.671	72	22.926	22.926	22.301	118	37.883	38.152	37.255	164	52.206	52.796	51.581				
27	8.614	9.156	7.974	73	23.244	23.244	22.613	119	38.202	38.470	37.577	165	52.524	53.115	51.897				
28	8.931	9.475	8.306	74	23.562	23.562	22.937	120	38.520	38.788	37.892	166	52.843	53.433	52.218				
29	9.249	9.795	8.611	75	23.880	23.880	23.250	121	38.838	39.107	38.213	167	53.161	53.752	52.533				
30	9.567	10.114	8.942	76	24.198	24.198	23.573	122	39.156	39.425	38.528	168	53.479	54.070	52.854				
31	9.884	10.434	9.274	77	24.517	24.517	23.887	123	39.457	39.744	38.850	169	53.798	54.388	53.170				
32	10.202	10.753	9.577	78	24.835	24.835	24.210	124	39.793	40.062	39.165	170	54.116	54.707	53.491				
33	10.520	11.073	9.883	79	25.153	25.153	24.523	125	40.111	40.380	39.486	171	54.434	55.025	53.807				
34	10.838	11.392	10.213	80	25.471	25.471	24.846	126	40.430	40.699	39.801	172	54.752	55.343	54.127				
35	11.156	11.711	10.520	81	25.790	25.790	25.160	127	40.748	41.017	40.123	173	55.071	55.662	54.443				
36	11.471	12.030	10.849	82	26.108	26.108	25.483	128	41.066	41.335	40.438	174	55.389	55.980	54.764				
37	11.792	12.349	11.156	83	26.426	26.426	25.796	129	41.384	41.654	40.759	175	55.707	56.298	55.080				
38	12.110	12.668	11.485	84	26.744	26.744	26.119	130	41.703	41.972	41.075	176	56.026	56.617	55.401				
39	12.428	12.987	11.792	85	27.062	27.062	26.433	131	42.021	42.291	41.396	177	56.344	56.935	55.717				
40	12.746	13.306	12.121	86	27.381	27.381	26.756	132	42.339	42.609	41.711	178	56.662	57.253	56.037				
41	13.064	13.625	12.429	87	27.699	27.699	27.069	133	42.657	42.927	42.032	179	56.980	57.572	56.353				
42	13.382	13.944	12.757	88	28.017	28.017	27.392	134	42.976	43.246	42.348	180	57.299	57.890	56.674				
43	13.700	14.263	13.065	89	28.335	28.335	27.706	135	43.294	43.564	42.669	181	57.617	58.208	56.990				
44	14.018	14.582	13.393	90	28.654	28.654	28.029	136	43.612	43.882	42.984	182	57.935	58.527	57.310				
45	14.336	14.901	13.702	91	28.972	28.972	28.343	137	43.931	44.201	43.306	183	58.254	58.845	57.626				
46	14.654	15.219	14.029	92	29.290	29.290	28.665	138	44.249	44.519	43.621	184	58.572	59.163	57.947				
47	14.972	15.538	14.338	93	29.608	29.608	28.979	139	44.567	44.838	43.942	185	58.890	59.482	58.263				
48	15.290	15.857	14.665	94	29.927	9.927	29.302	140	44.885	45.156	44.258	186	59.208	59.800	58.583				
49	15.608	16.176	14.975	95	30.245	30.245	29.616	141	45.204	45.474	44.579	187	59.527	60.118	58.900				
50	15.926	16.495	15.301	96	30.563	30.563	29.938	142	45.522	45.793	44.894	188	59.845	60.437	59.220				

## BREWTON PRODUCTS USED IN WATER TREATMENT

PRODUCT	SCREENING				GRIT & HEAVY MEDIA COLLECTIONS		
	SINGLE SHAFT CATENARY	DOUBLE SHAFT CATENARY	TRAVELING WATER SCREEN	DISC SCREEN	CATENARY DRAG OUTS	V-BUCKET COLLECTORS	SCREW & BUCKET COLLECTORS
(1) Pillow Block Bearing			YES	YES	YES	YES	YES
(1) Flanged Bearing							
(1) Peak Cap (sewage) Bearing							
Sewage Take-up						TYPE CU TAKE-UP	TYPE CU TAKE-UP
Set Collars						YES	
Chain Tightener							
(2) Shear Pin Spkt. assembly	YES	YES	YES			YES	
Dished Sprockets							
(3) 720 Sprockets						YES	
C132 CICR Sprockets	YES	YES			YES	NORMALLY C110	NORMALLY C110
H78, 882, or 1030 CICR Sprockets	YES	YES	YES	YES		YES	

(1) Any bearing may be supplied babbitted, or with bronze, UHMW, or phenolic bushing.

(2) Supplied CICR, or with segmental UHMW rim, mounted on cast iron body. May also require jaw clutch arrangement.

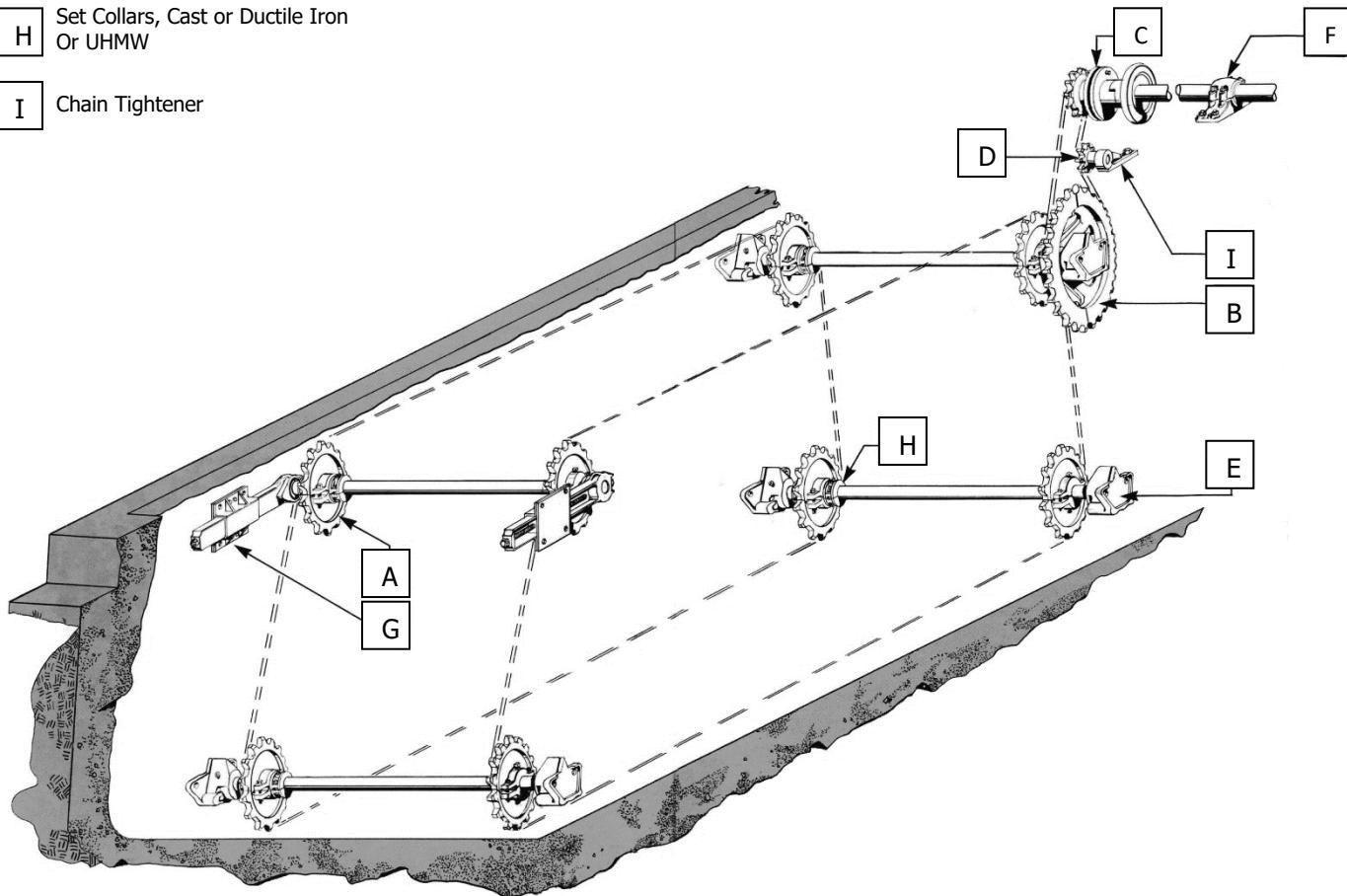
(3) Supplied CICR, segmental UHMW rim mounted on cast iron body, split, or solid UHMW.

PRODUCT	FLOCCULATORS		SETTLING TANK			Other water and waste water treatment products available and presented in this catalog: <ul style="list-style-type: none"> <li>• Wear shoes and brackets</li> <li>• Rigid ribbed couplings</li> <li>• Static shaft sleeves</li> <li>• Stub shafts</li> <li>• Sprocket and traction wheels for traveling water screen</li> </ul>
	HORIZONTAL	VERTICAL	PRIMARY 4-SHAFT COLLECTOR	PRIMARY 3-SHAFT COLLECTOR	CROSS COLLECTOR	
(1) Pillow Block Bearing	YES	YES	YES	YES		
(1) Flanged Bearing	YES	YES				
(1) Peak Cap (sewage) Bearing			YES	YES	YES	
Sewage Take-up			YES	YES	YES	
Set Collars			YES	YES	YES	
Chain Tightener			YES	YES	YES	
(2) Shear Pin Spkt. assembly			YES	YES	YES	
Dished Sprockets			YES	YES	YES	
(3) 720 Sprockets			YES	YES	YES	
C132 CICR Sprockets			YES	YES	YES	
H78, 882, or 1030 CICR Sprockets	YES		YES	YES	YES	

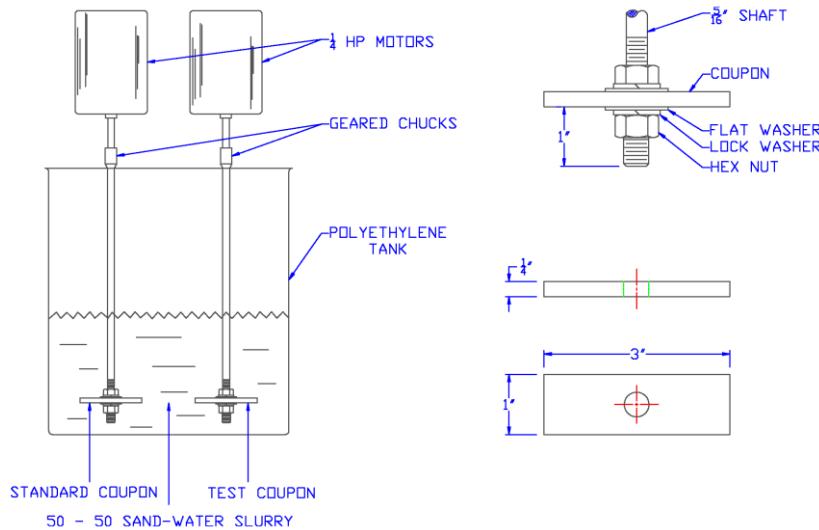
## PRODUCTS MANUFACTURED FOR WATER AND WASTE WATER TREATMENT

- A Cast Iron Chilled Rim Sprockets, start page  
—or—  
UHMW Segmental Rim Sprockets on Cast Iron Bodies, or all UHMW Sprockets
- B Dished (Off-Set) sprockets  
Cast Iron Chilled Rim  
UHMW Segmental Rim
- C Shear Pin or Shear Pin Jaw Clutch Sprockets  
Cast Iron Chilled Rim  
UHMW Rim on Cast Iron Body
- D Chain Tightener Sprockets  
Cast Iron Chilled Rim  
UHMW
- E Wall Bearing, Split or Solid
- F Pillow Block Bearings
- G Sewage Take-up
- H Set Collars, Cast or Ductile Iron  
Or UHMW
- I Chain Tightener

The illustration below shows how some of the Brewton components are used in power transmission configurations in water and waste water treatment processes. Though we do not engineer an installation, we can supply components for a new or refurbished facility. All our products are standard, but the flexibility of our manufacturing methods allows custom design for your particular treatment facility. Call us for specifications on items not shown. **All our products and materials are American Made.**



Brewton plastic sprockets are manufactured from UHMW-PE, a high density linear polyethylene with an extremely high molecular weight, a minimum of 4.5 million. This material has a low coefficient of friction, good chemical and stress crack resistance, cyclical fatigue resistance, noise dampening properties, and cryogenic durability.



**ABRASION RESISTANCE:** A most desirable property of UHMW is its unique resistance to abrasive wear. The sand-slurry test illustrated here gives evidence of UHMW's outstanding abrasion resistance along with comparative results, shown to the right.

Tests were conducted with a variety of materials for a period of seven hours at a speed of 1,750 rpm. Carbon steel was assigned an abrasion rating of 100, and is based on the material lost during the test. Results of the other materials tested are expressed in relation to this figure (the lower the figure the better the wear properties). The following chart clearly indicates the superior abrasion resistance of parts made with UHMW.

B523XW .....	9
B521S .....	9
Nylon 6-6 .....	31
Polyurethane (D-70) .....	37
IFE .....	72
304 Stainless Steel .....	84
High-density polyethylene .....	94
Polycarbonate .....	96
Carbon steel .....	100
Polyacetal .....	110
Polypropylene .....	190
Phosphor bronze .....	190
Phenolic laminate L.E. .....	200

#### PHYSICAL PROPERTIES

Specific Gravity (lbs/in <sup>3</sup> ) ASTM D792.....	.035
Tensile Strength (PSI) ASTM D638.....	6400+
Elongation, % ASTM D638.....	350+
Impact Strength IZOD, ASTM D-256A.....	NO BREAK
Tensile Impact (ft. lb/in <sup>2</sup> ) ASTM D1822.....	1000

Taber Abrasion (CS 17 1000 gm/5000 rev.) wt. loss mg. ASTM D1044.....	.035
Hardness. ASTM D785 Rockwell "R" .....	64.00+
Shore "D" .....	67
Water Absorption 24 Hrs, 1/8 THK % ASTM D570.....	0.0

All Brewton UHMW-PE sprockets are manufactured to American National Standards Institute (ANSI) specifications, utilizing the following material to comply with contract requirements.

Material	Color	Basic Properties
B520F	White	A virgin white 1900 UHMW, FDA approved for food processing.
B521S	Green	Reprocessed UHMW, has all the properties of virgin material, but more economical. Supplied as Brewton standard material unless otherwise specified.
B522U	Black	Virgin UHMW UV stabilized for improved stability when continuously exposed to sun.
B523XW	Grey	Higher impact strength enhances durability in more severe operating conditions.

The tables below represent the most commonly used UHMW-PE sprockets. Brewton's manufacturing process, however, permits sprockets to be manufactured for use with a variety of chains. Other sprockets and products available include timing belt pulleys, roller chain sprockets, and sprockets with a full range of pitches and tooth thicknesses at the pitch line, through 4".

**NM78 TOOTH THK AT P.L. 1", PITCH 6.00"**

# OF TEETH	P.D.	STD CONST	# OF TEETH	P.D.	STD CONST	# OF TEETH	P.D.	STD CONST	# OF TEETH	P.D.	STD CONST
5	4.44	1	19	15.85	1(PR100)	33	27.45	PR200	47	39.06	PR315
6	5.22	1	20	16.68	1(PR100)	34	28.27	PR200	48	39.89	PR355
7	6.01	1	21	17.50	1(PR120)	35	29.10	PR250	49	40.72	PR355
8	6.82	1	22	18.33	1(PR120)	36	29.93	PR250	50	41.56	PR355
9	7.63	1	23	19.16	1(PR120)	37	30.76	PR250	51	42.39	PR355
10	8.44	1 (*)	24	19.99	1(PR120)	38	31.59	PR250	52	43.21	PR355
11	9.26	1 (*)	25	20.81	1(PR120)	39	32.42	PR250	53	44.05	PR355
12	10.08	1 (*)	26	21.64	1(PR160)	40	33.25	PR290	54	44.87	PR355
13	10.90	1(PR70)	27	22.47	1(PR160)	41	34.08	PR290	55	45.70	PR355
14	11.72	1(PR70)	28	23.30	1(PR160)	42	34.91	PR290	56	46.54	PR355
15	12.55	1(PR80)	29	24.13	PR160	43	35.74	PR315	57	47.37	PR355
16	13.37	1(PR80)	30	24.96	PR200	44	36.57	PR315	58	48.19	PR355
17	14.20	1(PR80)	31	25.79	PR200	45	37.41	PR315	59	49.03	PR355
18	15.02	1(PR100)	32	26.61	PR200	46	38.28	PR315	60	49.86	PR355

**STANDARD CONSTRUCTION**

1. All UHME-PE solid or split.

2. (\*) all UHME-PE solid or split plus "A" plates for shear pin sprockets. Number in () is recommended cast iron body for Segmental Rim construction. If PR body no. only is indicated, available as Segmental Rim exclusively. Note: dished bodies maybe supplied for 30 teeth through 60 teeth.

**NM720 TOOTH THK 1", PITCH 6.00"**

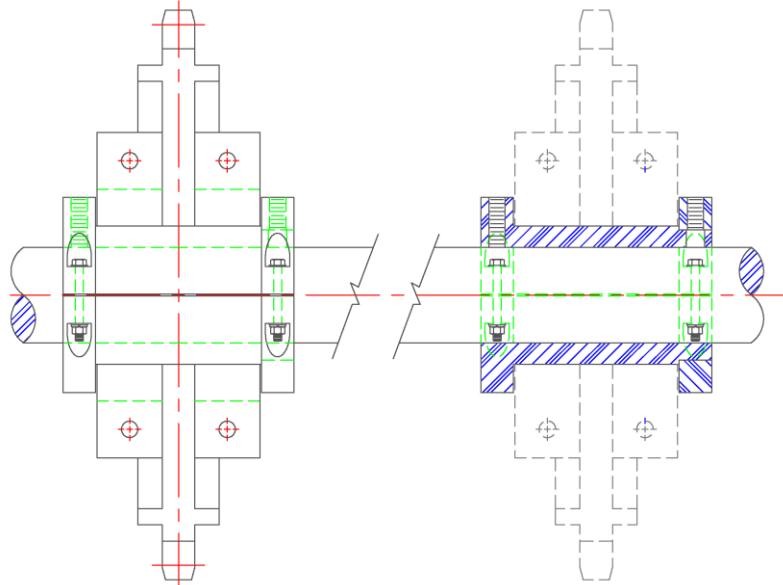
# OF TEETH	P.D.	EST. WT. ALL	EST. WT. S/R ONLY	STD BODY FOR S/R
6	12.00	4	2-3/4	PR80
8	15.68	6-3/4	4-3/4	PR100
9	17.51	8-1/2	5-1/2	PR120
11	21.30	12-1/2	9-1/2	PR120
13	25.07	17-1/4	12	PR160
13HT	12.89	4-1/2	3-1/2	PR80
17HT	16.59	7-1/2	5-1/2	PR100
19HT	18.45	9-1/2	6-1/2	PR120
21HT	20.33	11-1/4	8-1/2	PR120
23HT	22.21	13-1/2	8	PR160
25HT	24.09	16	11	PR160

Chainsaver Rims are available on all 720 sprockets. Total UHMW-PE construction may be supplied split or solid. Above also applies to SAV715 and 700SS sprockets.

MATERIALS	STATIC	KINETIC	TEST METHOD
Mild Steel vs. Mild Steel	.30 - .40	.25 - .35	ASTMD-1894
Mild Steel vs. UHMW-PE	.15 - .20	.12 - .20	
UHMW-PE vs. UHMW-PE	.20 - .30	.20 - .30	

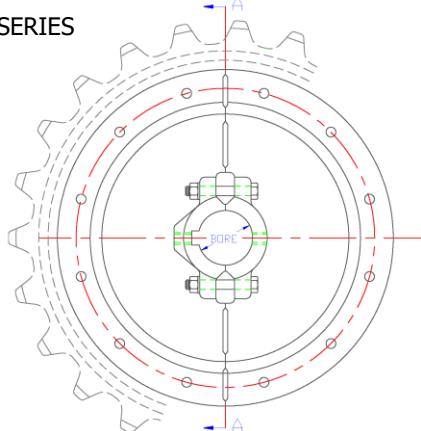
UHMW-PE split sleeves clamped with stainless hardware are available for use on static shafts Ø1-15/16" through Ø4-15/16". UHMW-PE, which has a lower coefficient of friction than glass, and possesses self-lubricating characteristics, is an ideal material for this application.

**SLEEVES FOR STATIC SHAFTS**

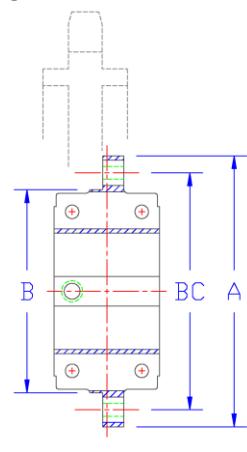
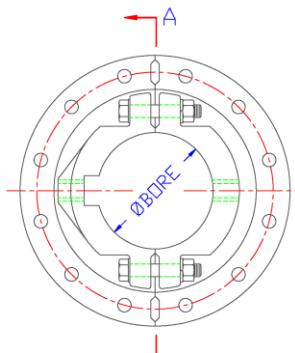
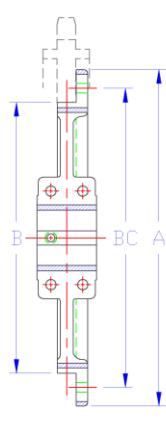


## STANDARD CAST IRON BODIES (ASTM A48, CL35 GRAY IRON)

"PR" SERIES



"W" SERIES



VIEW A-A

VIEW A-A

## "PR SERIES"

BODY #	WEIGHT LESS HUB	MAX SPLIT BORE	A	B	BC
PR70	8	2-7/8	8	6	7
PR80	17	2-15/16	9	7	8
PR100	21	3-7/16	11-1/4	8-1/2	10
PR120	36	4-7/16	13-1/4	10-1/2	12
PR160	50	4-15/16	18	14-1/2	16
PR200	78	5-15/16	21-3/4	18-1/2	20
PR250	115	5-15/16	26-3/4	23-1/2	25
PR290	135	OPEN	31	27	29
PR315	150	OPEN	33-1/2	29-1/2	31-1/2
PR355	170	OPEN	37-1/2	33-1/2	35-1/2

## "W" SERIES

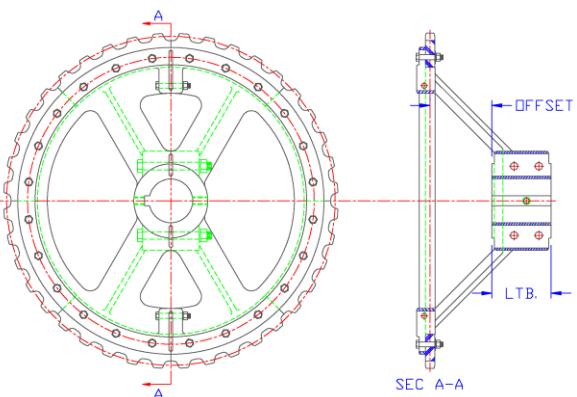
BODY #	WEIGHT LESS HUB	MAX SPLIT BORE	A	B	BC
W-07307	10	3-7/8	7-7/8	6	7
W-10415	21	4-15/16	11-1/4	8-1/2	10
W-12515	30	5-15/16	13-1/4	10-1/2	12

"W" Series cast iron bodies permit larger split bores on smaller diameter casting. This series will, therefore, accommodate small P.D. sprockets, which must operate on large diameter shafts.

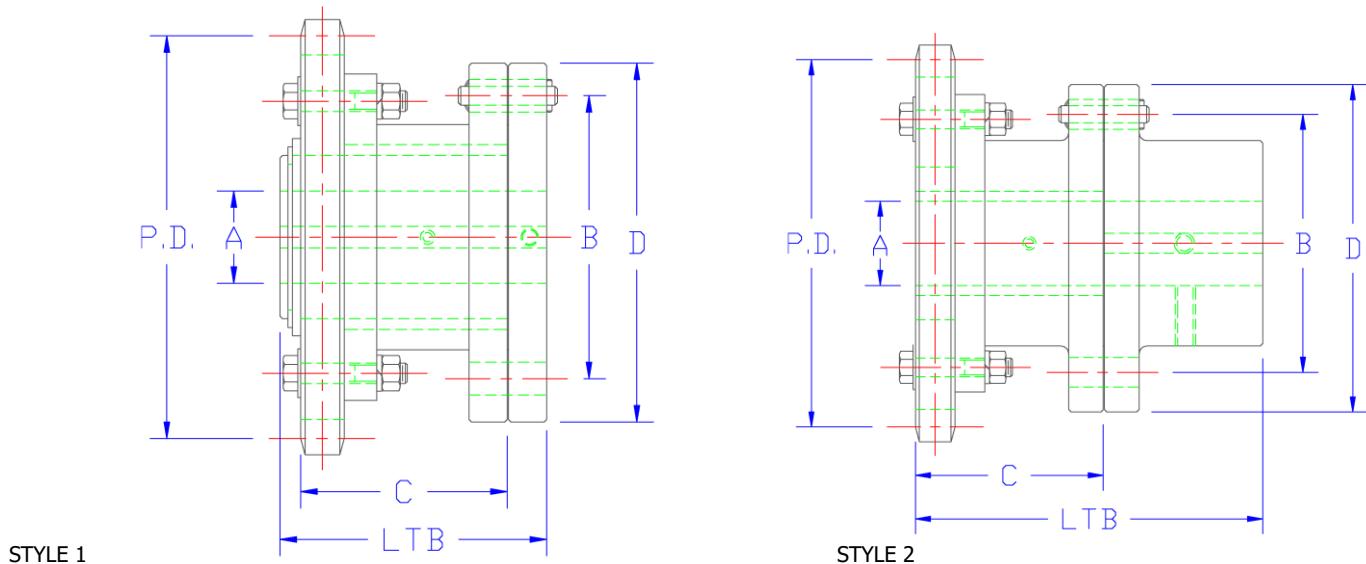
## DISHED CAST IRON BODIES (ASTM A48, CL35 GRAY IRON)

BODY #	NO OF TEETH	P.D.	NO. SEG	MAX BORE	LTB	OFFSET (0)	NO. HUB BOLTS	EST. WT.
W-2990	30	24.96	6	3-15/16	3-3/4	4	2	135
W-2996	40	33.25	8	4-15/16	6	6-1/4	4	250
W-2986	40	33.25	8	3-7/16	4-3/8	2-3/8	2	175
W-3603	40	33.25	8	3-15/16	5	2-7/8	4	225
W-3544	40	33.25	8	3-7/16	6	1-1/2	4	190
W-3652	40	33.25	8	3-15/16	6-3/4	4-1/2	4	240
W-2997	43	35.74	8	4-15/16	6	6-1/4	4	265
W-2991	48	39.89	8	4-15/16	6	6-1/4	4	290
W-2987	48	39.89	8	4-15/16	8-1/4	4-3/4	4	360

Offsets may be reduced to a lesser dimension, but not increased.  
LTBs will increase as offsets decrease, by like amounts.



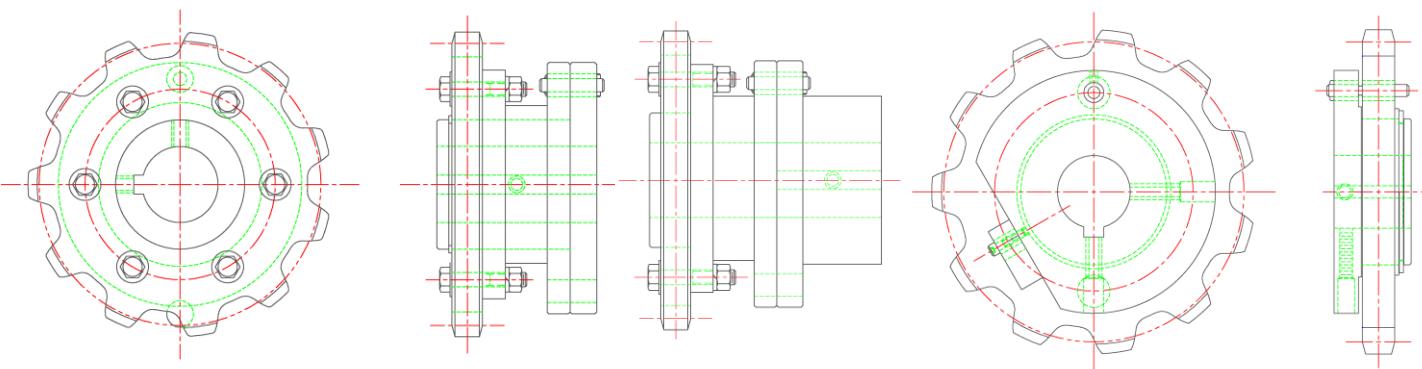
Many other sizes and styles available



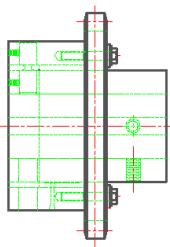
Sprocket Body and Shear Pin Hubs are made of ASTM A48 Class 35 Gray Iron. Sprocket Rim is Brewton Standard B521S UHMW. Shear Pin Bushings are of hardened steel, and the sprocket rim is secured with 18-8 stainless steel hardware. A phenolic spacer is used to separate the faces of the sprocket body and shear pin hub.

STYLE 1							STYLE 2						
BORE A	MIN P.D.	B	C	D	LTB	EST. WT. (LBS.)	BORE A	MIN P.D.	B	C	D	LTB	EST. WT. (LBS.)
1-7/16	7.50	7-1/2	3-1/2	9	4-7/8	45	1-7/16	7.50	7-1/2	4	9	7	50
1-15/16	8.37	7-1/2	3-1/2	9	4-7/8	44	1-15/16	8.37	7-1/2	4	9	7	50
2-7/16	9.00	7-1/2	3-1/2	9	4-7/8	42	2-7/16	9.00	7-1/2	4	9	8	55
2-15/16	10.00	7-1/2	4-1/2	9	5-7/8	43	2-15/16	10.00	7-1/2	4-1/2	9	9	59
3-7/16	—	—	—	—	—	—	3-7/16	10.00	7-1/2	5	9	10	58
3-15/16	—	—	—	—	—	—	3-15/16	10.00	7-1/2	5	9	10	53

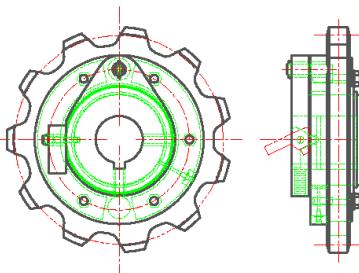
#### NON-METALLIC SHEAR PIN ASSEMBLIES



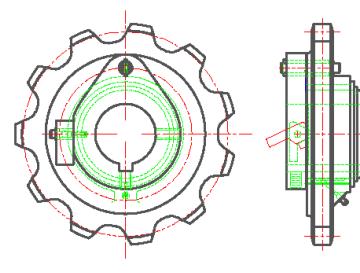
ENGINEERING DATA AND ALTERNATIVE DESIGNS AVAILABLE UPON REQUEST



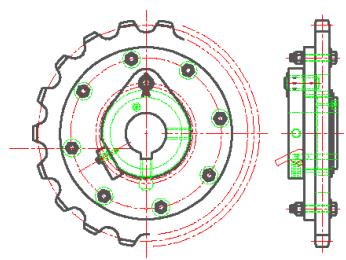
VERTICAL COMBO



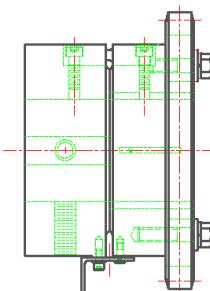
COMBO WITH TRIP CAM



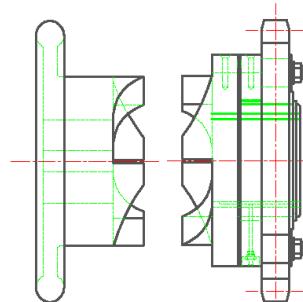
COMBO WITH TRIP CAM



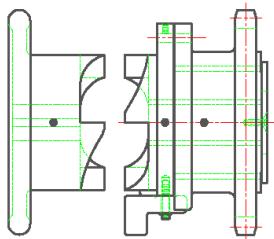
COMPACT WITH TRIP CAM



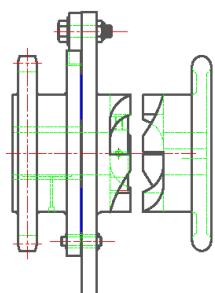
DROP-IN COMBO



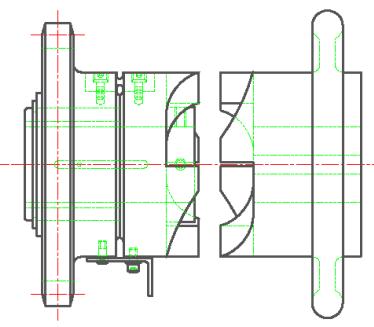
COMPACT JCHW S/P COMBO



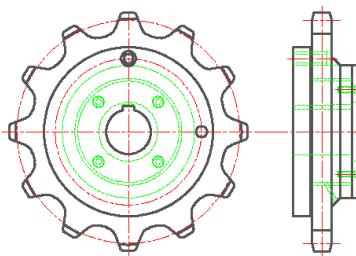
CICR TRIP DOG



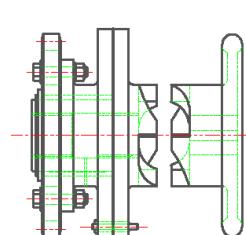
STYLE 2 JCHW WITH TRIP CAM



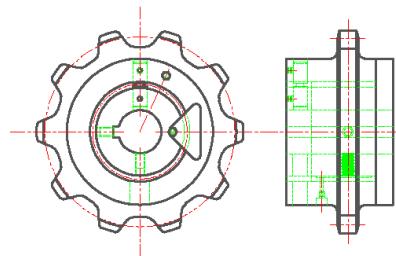
STYLE 2 CICR DROP-IN JCHW



FC/FH STEEL



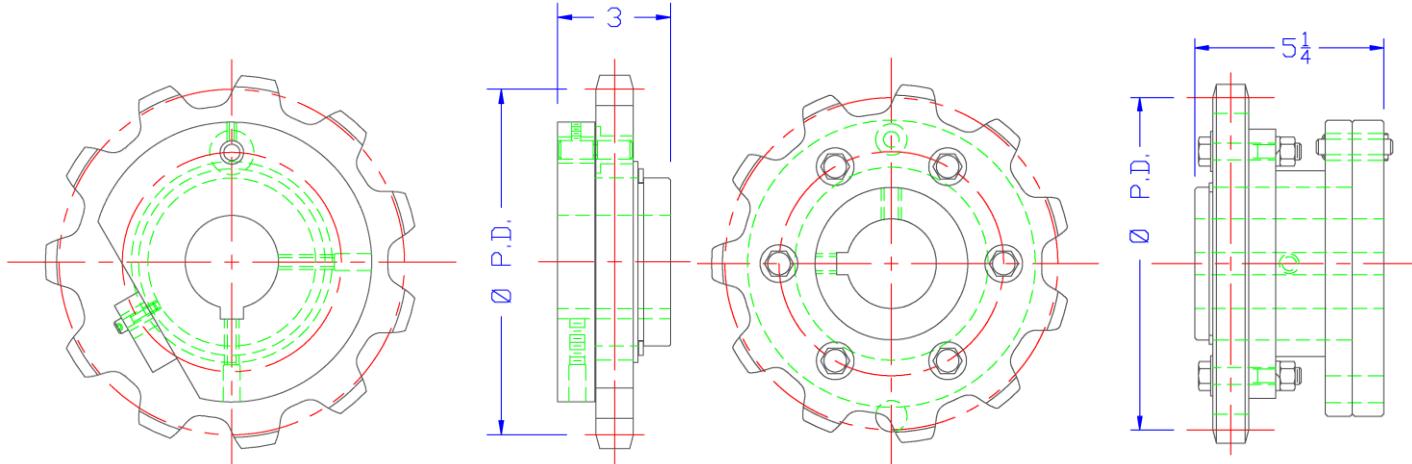
STYLE 2 COMBO JCHW



VERTICAL S/P WITH TRIP CAM

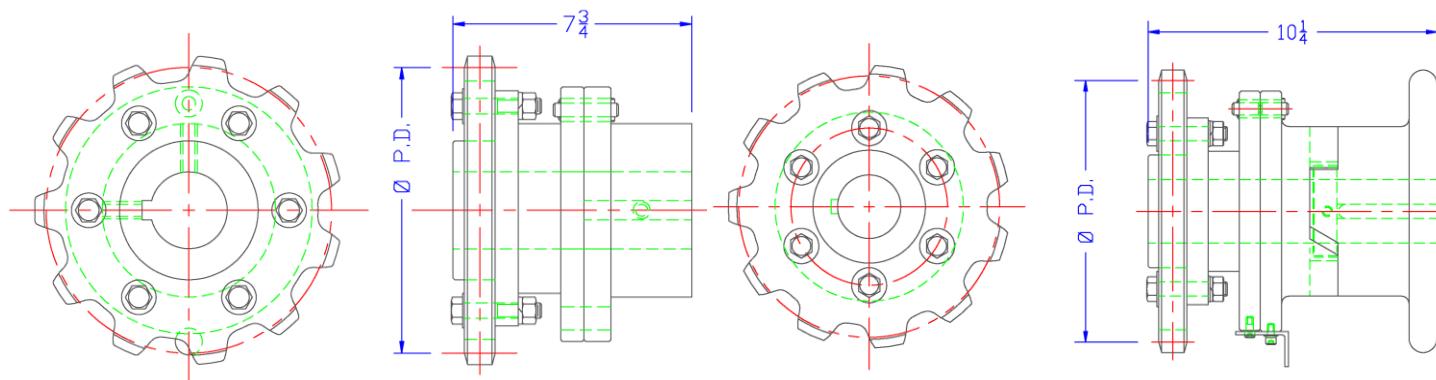
SPROCKETS CAN BE SUPPLIED CAST IRON, CHILLED RIM, CNC FLAME CUT STEEL, OR UHMW-PE. DESIGNS NOT LIMITED TO THOSE ILLUSTRATED ON THIS PAGE

## NYLON HUBS WITH UHMW SPROCKETS



COMPACT NON-METALLIC SHEAR PIN ASSEMBLY  
MAX BORE 2-3/4"

NON-METALLIC STYLE ONE SHEAR PIN ASSEMBLY  
MAX BORE 2-3/8"



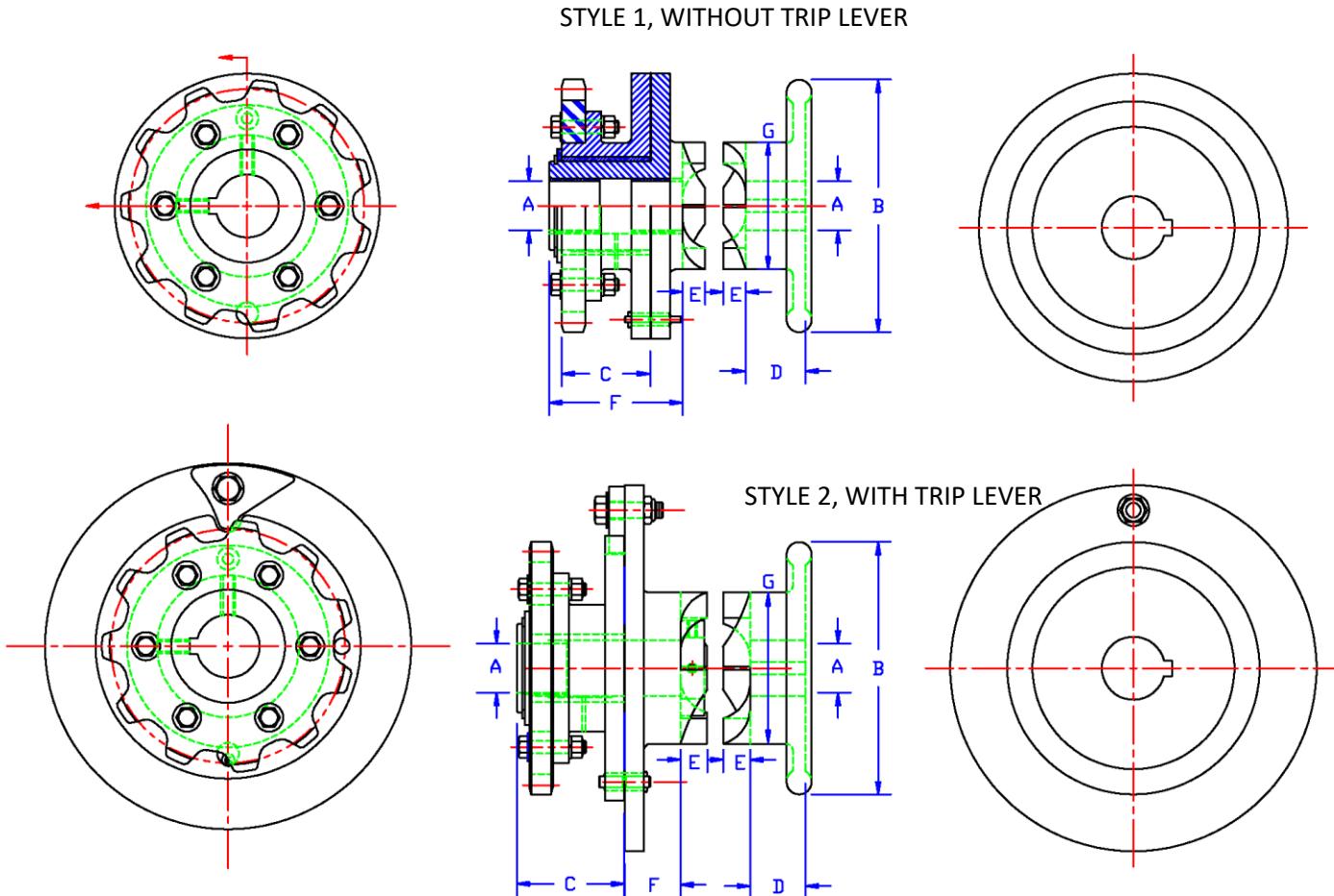
NON-METALLIC STYLE TWO SHEAR PIN ASSEMBLY  
MAX BORE 3"

JAW CLUTCH & HAND WHEEL ASSEMBLY MAX BORE 2-3/4"  
SPECIFY RIGHT OR LEFT HAND, LOOKING INTO HAND WHEEL

ALL ASSEMBLIES PRICED WITH NM78 T11 SPROCKETS, 9.26" P.D.

OTHER SIZES AVAILABLE

TRIP LEVER OPTIONAL

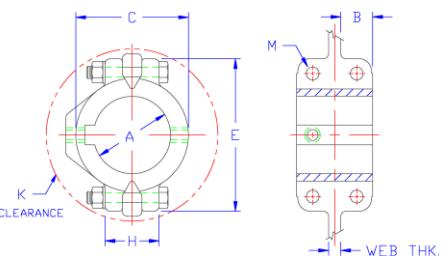


Brewton supplies, as standard, a spiral jaw which permits engagement when the clutch is in motion. These are made for either clockwise or counter-clockwise rotation.

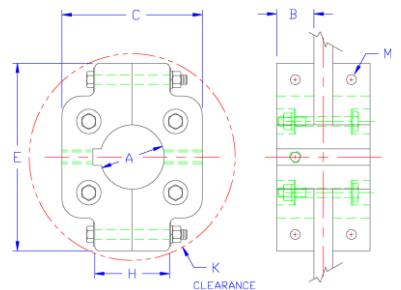
Handwheels and jaw clutches are Class 35 Gray Iron. All UHMW Jaw clutch and handwheel assemblies are available. Specifications will be submitted upon request.

BORE A	STYLE	NO	B	C	D	E	F	G	O.A.L. CLOSED	O.A.L. OPEN	EST. WT.
1-7/16	1	4	10	3-1/2	2-1/8	7/8	5-1/4	4	9	10-3/8	70
1-15/16	1	4	10	3-1/2	3-7/8	1	5-1/4	5	10-1/8	11-5/8	78
2-7/16	1	4	12	3-1/2	4	1-1/16	5-1/4	6	10-5/16	11-7/8	78
2-15/16	1	4	12	4-1/2	4-1/2	1-1/8	6-1/4	7	11-7/8	13-1/2	83
1-7/16	2	4	10	4	2-7/8	7/8	2	4	9-3/4	11-1/8	75
1-15/16	2	4	10	4	3-7/8	1	2	5	10-7/8	12-3/8	85
2-7/15	2	4	12	4	4	1-1/16	3	6	12-1/16	13-5/8	90
2-15/16	2	4	12	4-1/2	4-1/2	1-1/8	3-1/2	7	13-5/8	15-1/4	98
3-7/16	2	4	14	5	5-7/8	1-3/16	4	8	16-1/16	17-3/4	125
3-15/16	2	4	14	5	6-5/8	1-1/4	4	9	1-7/8	18-5/8	135

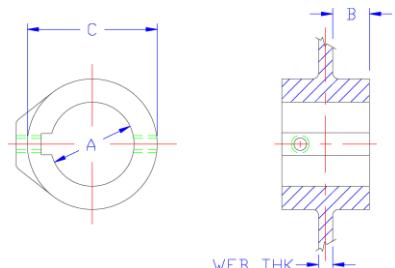
SPLIT HUBS FOR C.I. BODIES							
P/N	EST. WT.	A	B	C	E	H	M
SPH107	8.50	1-7/16	1-1/4	3-1/2	5-1/4	2	6
SPH115	8	1-15/16	1-1/4	4	5-1/4	2-3/4	6
SPH207	8	2-7/16	1-1/4	4	5-1/2	2-3/4	6-1/2
SPH215	10	2-15/16	1-1/4	4-1/2	6-1/2	2-3/4	7-1/2
SPH307	11	3-7/16	1-1/4	5	6-3/4	2-3/4	7-1/2
SPH315	17	3-15/16	1-5/8	5-3/4	7-3/4	3	8-3/4
SPH407	19	4-7/16	1-5/8	6-1/2	8-3/4	3	9-3/4
SPH415	23	4-15/16	1-5/8	7	9-1/2	3-1/2	10-1/4
UHMW-PE SPLIT HUBS							



SPLIT HUBS FOR C.I. BODIES



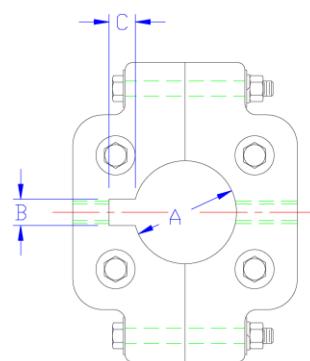
UHMW-PE SPLIT HUBS



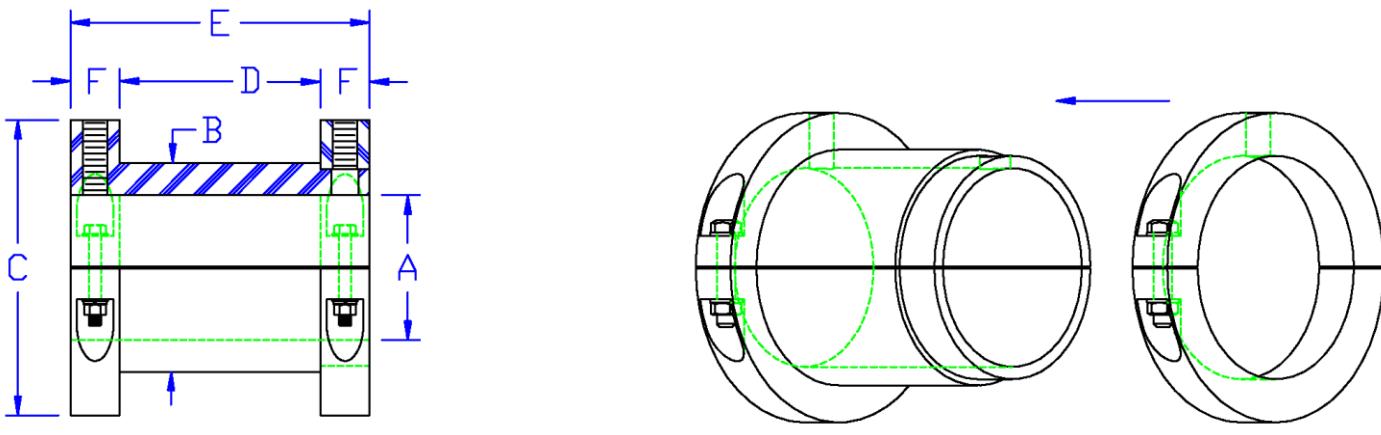
SOLID HUBS FOR C.I. BODIES

SOLID HUBS FOR CAST IRON BODIES				RECTANGULAR KEYWAYS FOR UHMW-PE SPROCKETS				
P/N	EST. WT.	A	B	C	A	B	C	SET SCREW
PH107	4	1-7/16	1-1/4	3	1-15/16	1/2	1/2	1/2-13
PH115	5	1-15/16	1-1/4	3-1/2	2-7/16	5/8	5/8	5/8-11
PH207	5-3/4	2-7/16	1-1/4	4	2-15/16	3/4	3/4	3/4-10
PH215	6-1/2	2-15/16	1-1/4	4-1/2	3-7/16	7/8	7/8	3/4-10
PH307	7-1/4	3-7/16	1-1/4	5	3-15/16	1	1	3/4-10
PH315	12-1/4	3-15/16	1-5/8	5-3/4	4-7/16	1	1	3/4-10
PH407	16	4-7/16	1-5/8	6-1/2	4-15/16	1-1/4	1-1/4	3/4-10
PH415	17	4-15/16	1-5/8	7				

PR BODY WEB THK.	STANDARD KEYWAY CHART	RECTANGULAR (DEEP) KEYWAYS AVAILABLE IN ALL UHMW HUBS (UPON REQUEST)		
PR70 - 1/2"		BORE DIA.	K.S.	S.S.
PR80 - 5/8"	1-7/16	3/8 X 3/16	3/8-16	
PR100 - 5/8"	1-15/16	1/2 X 1/4	1/2-13	
PR120 - 5/8"	2-7/16	5/8 X 5/16	5/8-11	
PR160 - 5/8"	2-15/16	3/4 X 3/8	3/4-10	
PR200 & ABOVE SPLIT USE SL HUBS PG. 40	3-7/16	7/8 X 7/16	3/4-10	
PR200 - 3/4"	3-15/16	1 X 1/2	3/4-10	
PR250 - 3/4"	4-7/16	1 X 1/2	3/4-10	
PR290 - 3/4"	4-15/16	1-1/4 X 5/8	3/4-10	
PR315 - 3/4"				
PR355 - 3/4"				



RECTANGULAR KEYWAYS FOR UHMW-PE SPROCKETS



STANDARD STATIC SLEEVE					HEAVY DUTY STATIC SLEEVE				
A SHAFT DIA.	B (3) SLEEVE DIA.	C	D (1)	E	F	C	D (2)	E	F
Thru 2-1/2"	3.250"	5.00"	4-3/32"	6-3/32"	1"	5-3/4"	5-3/32"	7-19/32"	1-1/4"
Thru 3-1/2"	4.250"	6.00"	4-3/32"	6-3/32"	1"	6-3/4"	5-3/32"	7-19/32"	1-1/4"
Thru 4"	4.750"	6.50"	4-3/32"	6-3/32"	1"	7-1/4"	5-3/32"	7-19/32"	1-1/4"
Thru 4-1/2"	5.250"	7.00"	4-3/32"	6-3/32"	1"	7-3/4"	5-3/32"	7-19/32"	1-1/4"
Thru 5"	5.750"	8.00"	4-3/32"	6-3/32"	1"	8-1/2"	5-3/32"	7-19/32"	1-1/4"

(1) For 5" LTB. Sprocket, (D) Dim. Increases by 1".

(2) For 4" LTB. Sprocket, (D) Dim. Decrease by 1".

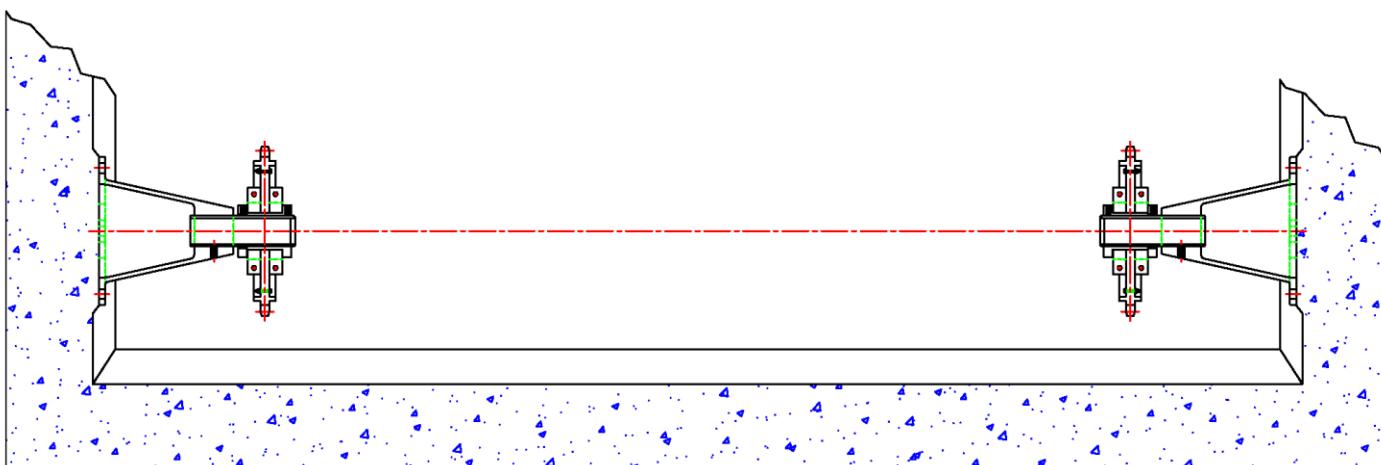
(3) Sleeve Dia. will increase by 1/8" to obtain minimum of 1/2" wall thickness.

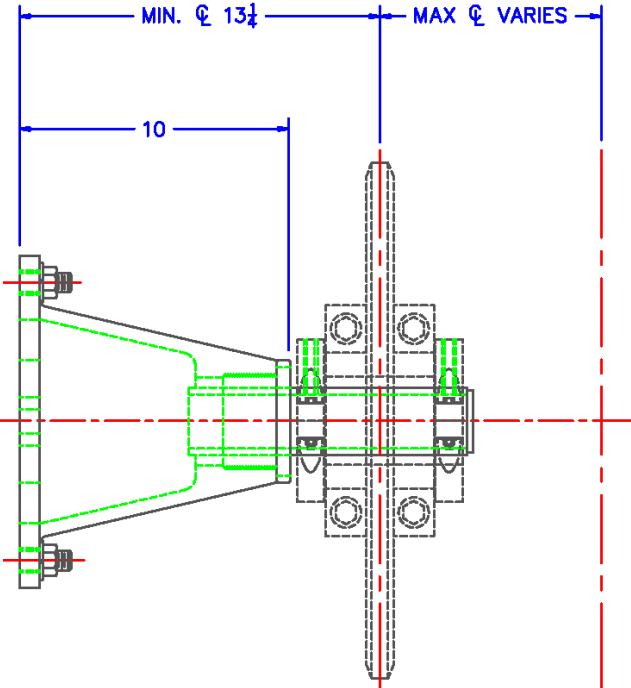
(4) Clamping hardware for standard static sleeve is 1/4" - 20 Hex Head Cap Screws.

Clamping hardware for heavy duty static sleeve is 3/8" - 16 Hex Head Cap Screws.

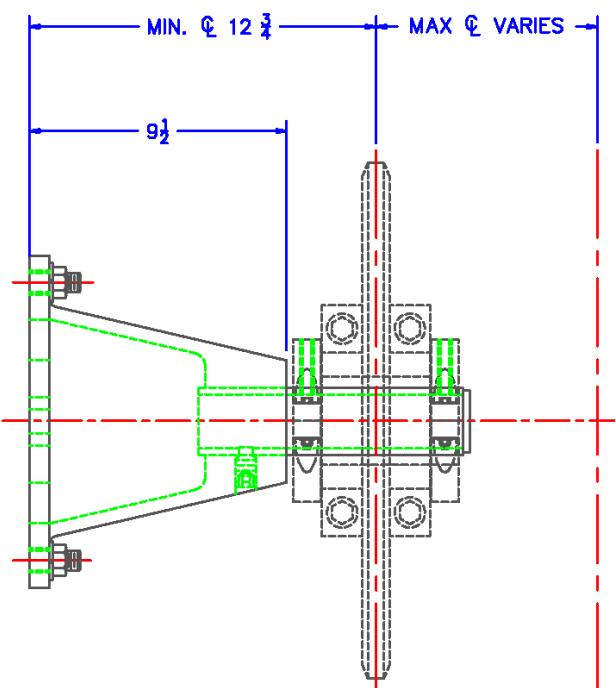
Two set screws supplied with each static sleeve.

(5) All fasteners are stainless steel.

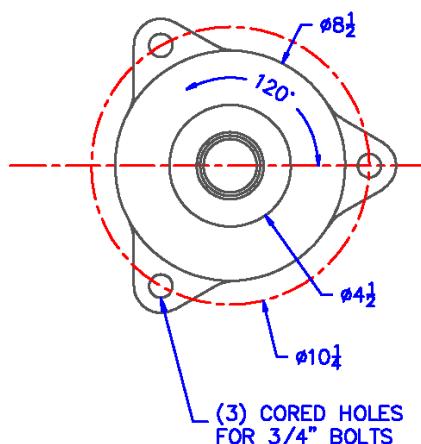
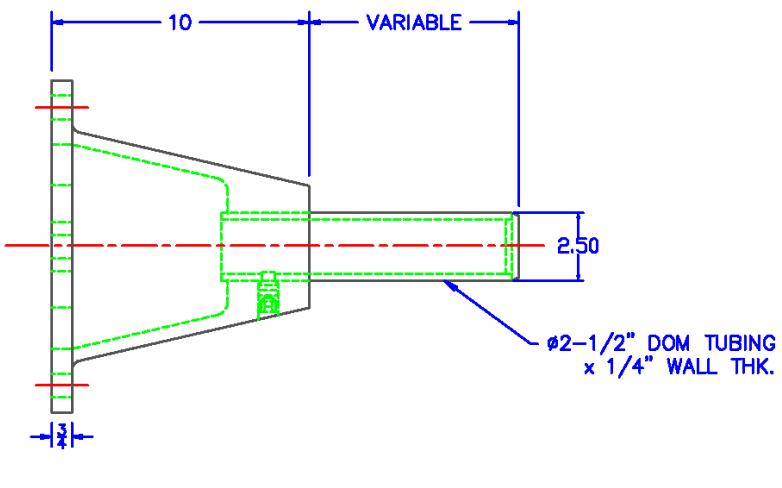




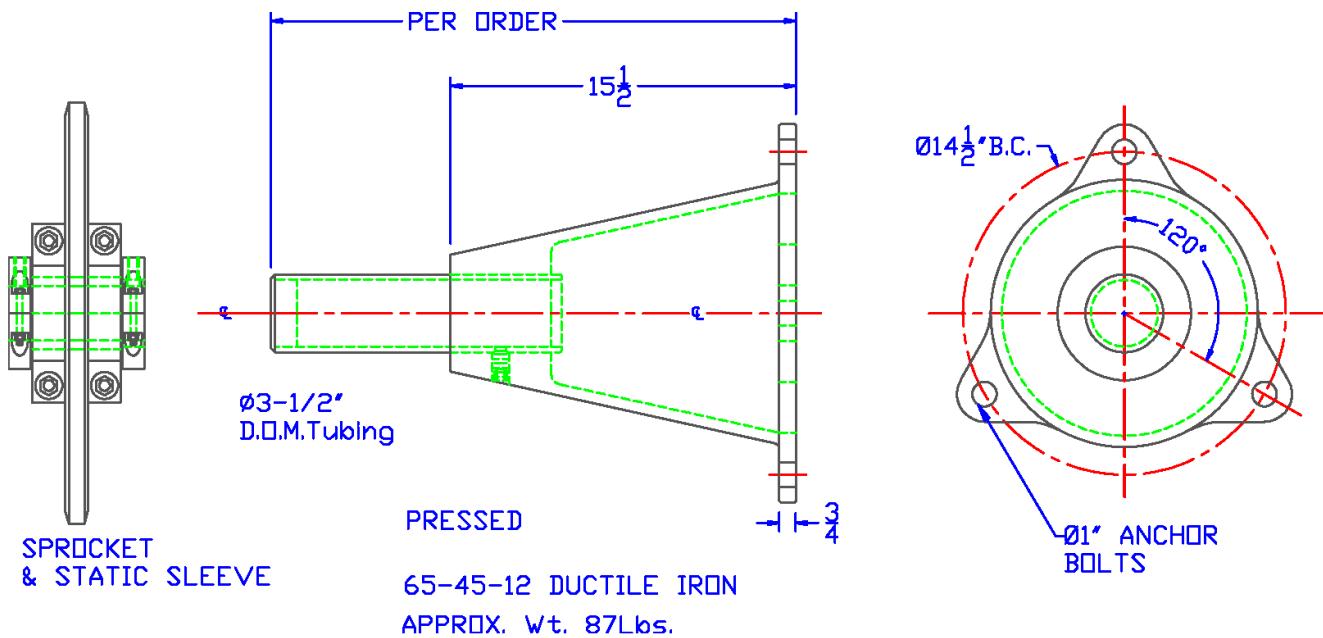
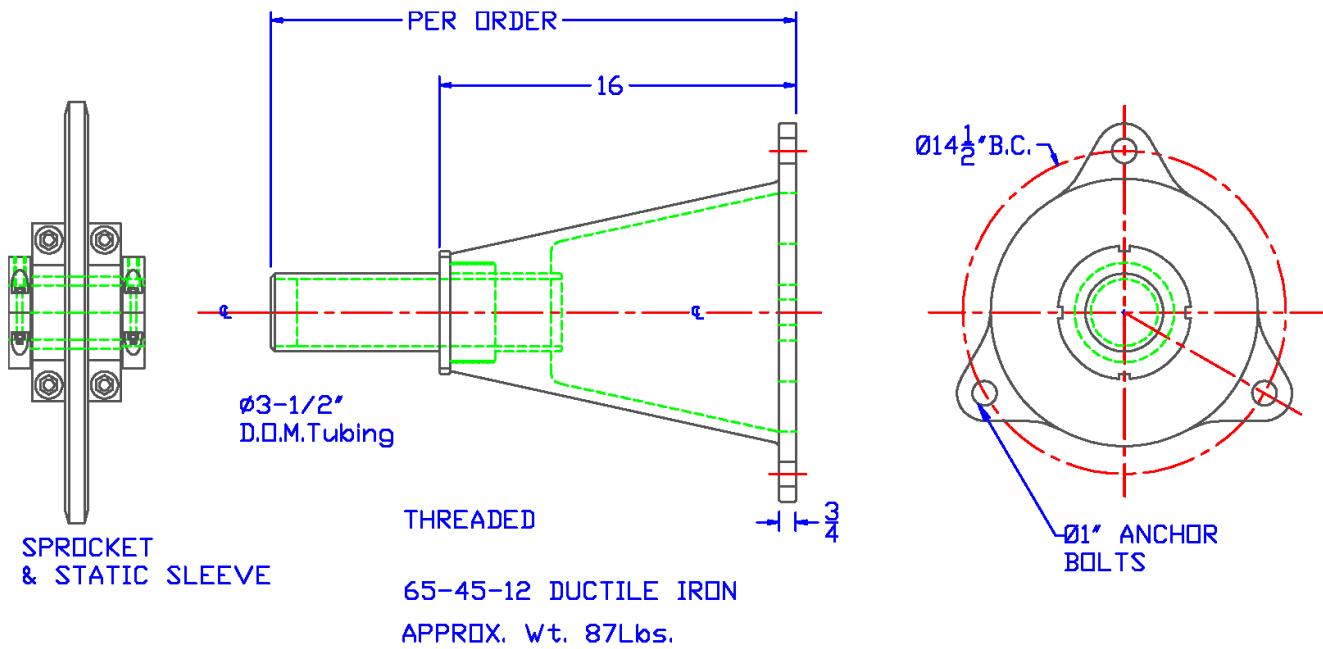
SHORT STUB SHAFT, THREADED



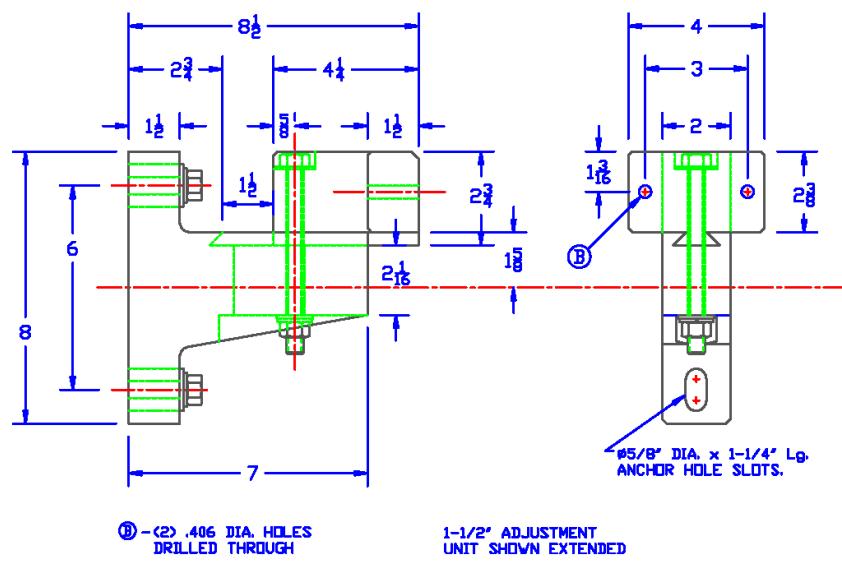
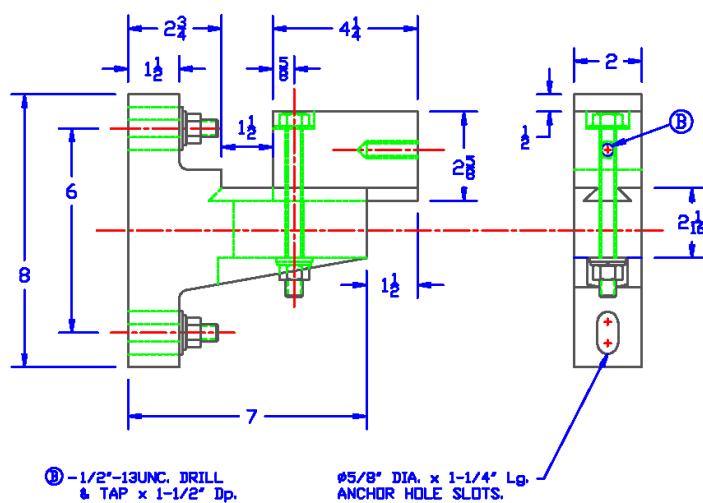
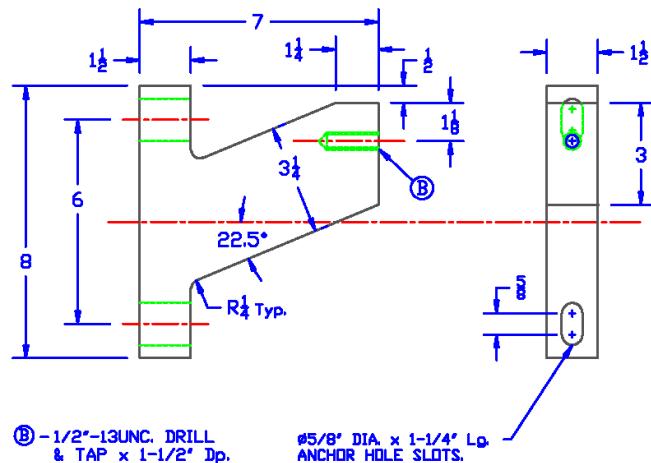
SHORT STUB SHAFT, PRESSED

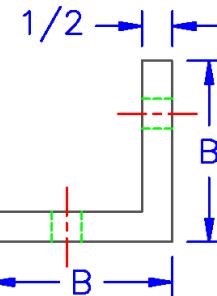
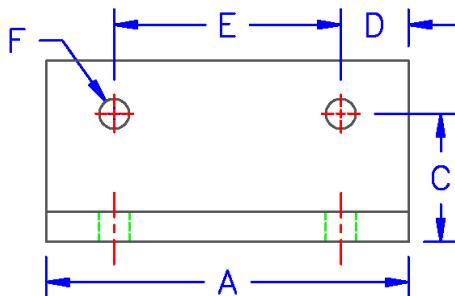


CASTINGS ARE THE SAME FOR BOTH THREADED AND PRESSED SHAFTS, AND ARE 65-45-12 DUCTILE IRON.



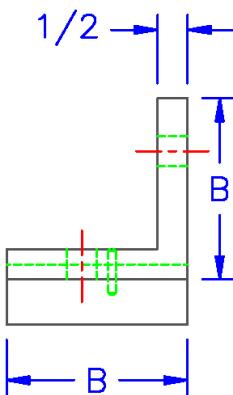
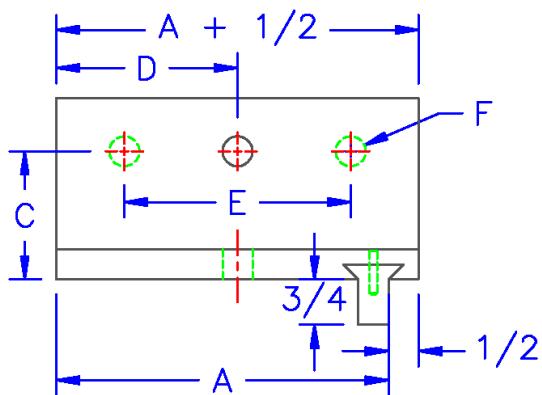
CASTINGS ARE THE SAME FOR BOTH THREADED AND PRESSED SHAFTS, AND ARE 65-45-12 DUCTILE IRON.



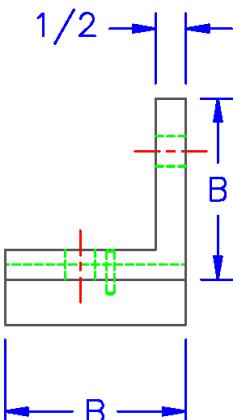
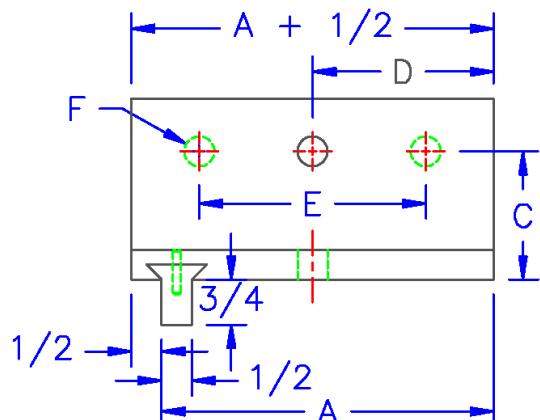


CARRYING WEARSHOE						
P/N	A	B	C	D	E	F
W-4263-1	4-1/2	3	1-3/8	7/16	3-5/8	7/16
W-4263-2	5-1/2	3	1-3/16	7/8	3-3/4	1/2
W-4263-3	5-1/2	3	2-1/8	7/8	3-3/4	1/2
W-4263-4	6	3	2-1/8	1-1/8	3-3/4	1/2

CARRYING WEARSHOE  
P/N W-4263



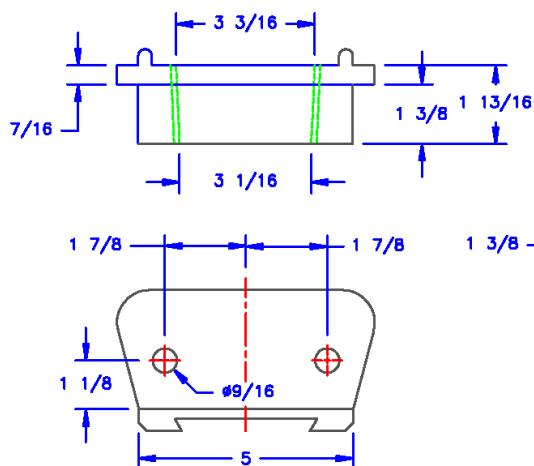
P/N W-4264 RIGHT HAND  
RETURN WEARSHOE



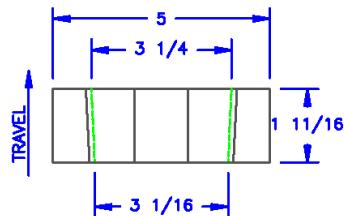
P/N W-4265 LEFT HAND  
RETURN WEARSHOE

DOUBLE HOLE RETURN WEARSHOE						
P/N	A	B	C	D	E	F
W-4264-4	4-1/2	3	1-3/8	-----	3-5/8	7/16
W-4264-5	5-1/2	3	2	-----	2-1/2	1/2

NOTE: When ordering return wearshoes, specify left hand or right hand.

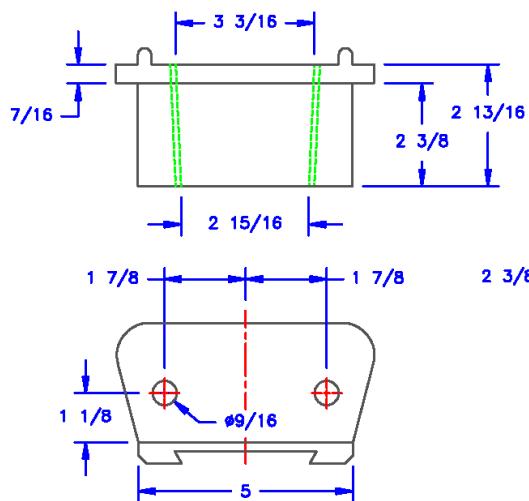


WEARSHOE HOLDER  
MATL: 65-45-12 DUCTILE IRON  
P/N W-4259

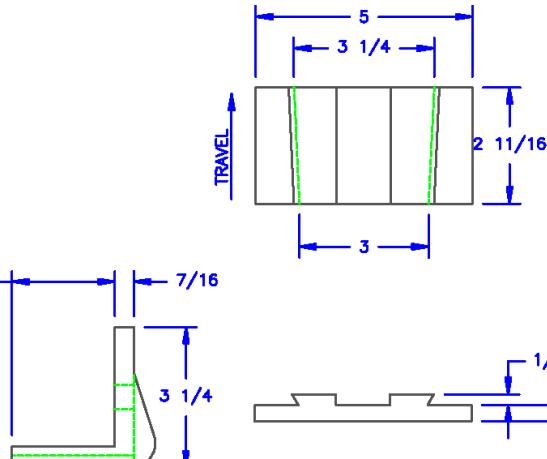


WEAR SHOE FOR 2" WIDE FLIGHT

WEARSHOE P/N W-4260  
MATL: UHMW-PE OR  
CHROME ALLOY GRAY IRON

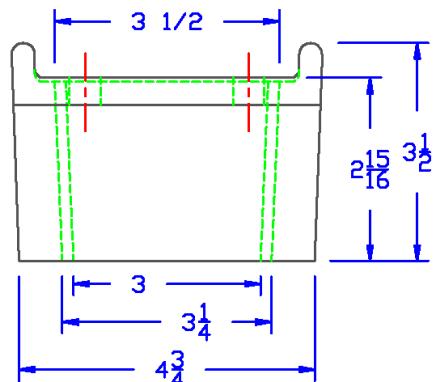


WEARSHOE HOLDER  
MATL: 65-45-12 DUCTILE IRON  
P/N W-4261

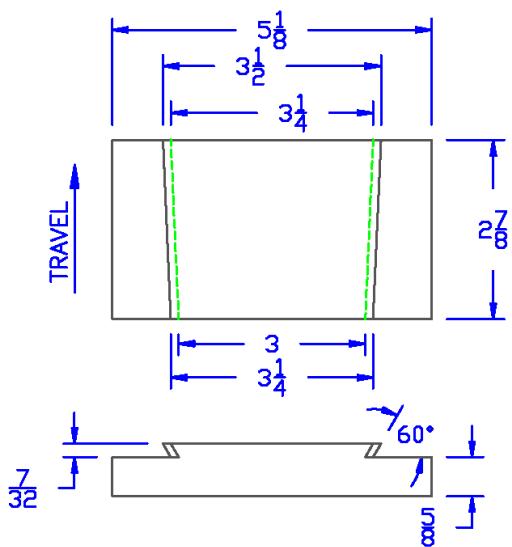
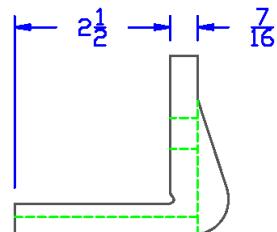
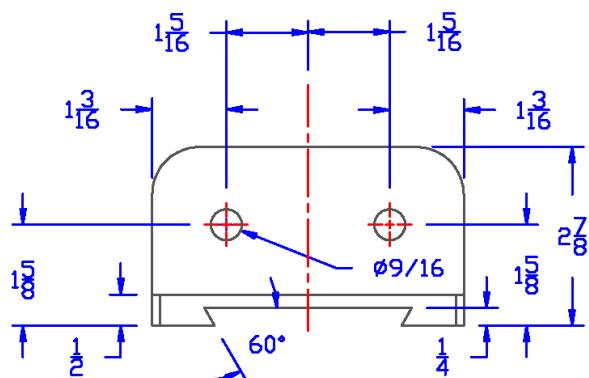


WEAR SHOE FOR 3" WIDE FLIGHT

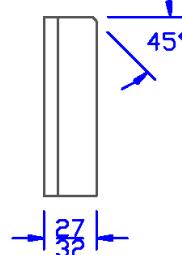
WEARSHOE P/N W-4262  
MATL: UHMW-PE OR  
CHROME ALLOY GRAY IRON



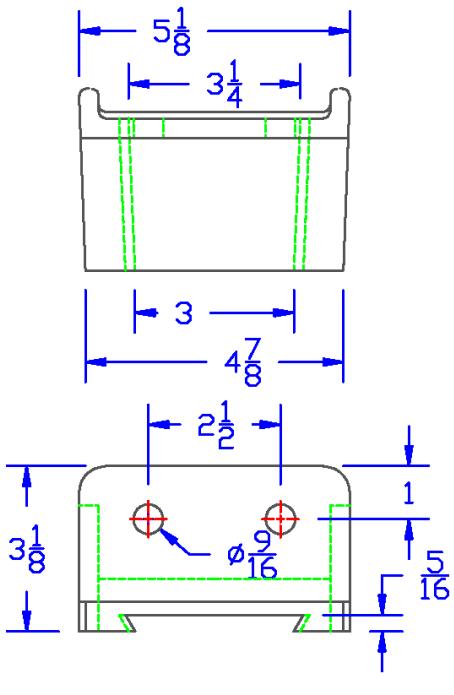
WEARSHOE HOLDER  
MATL: 65-45-12  
DUCTILE IRON  
P/N W-4128



1/16" CHAMFER

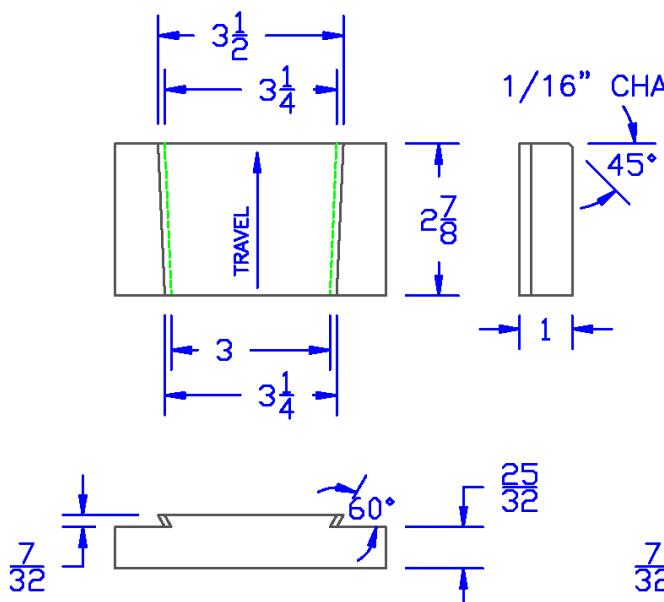


WEARSHOE P/N W-4127  
MATL: UHMW-PE OR  
CHROME ALLOY GRAY IRON

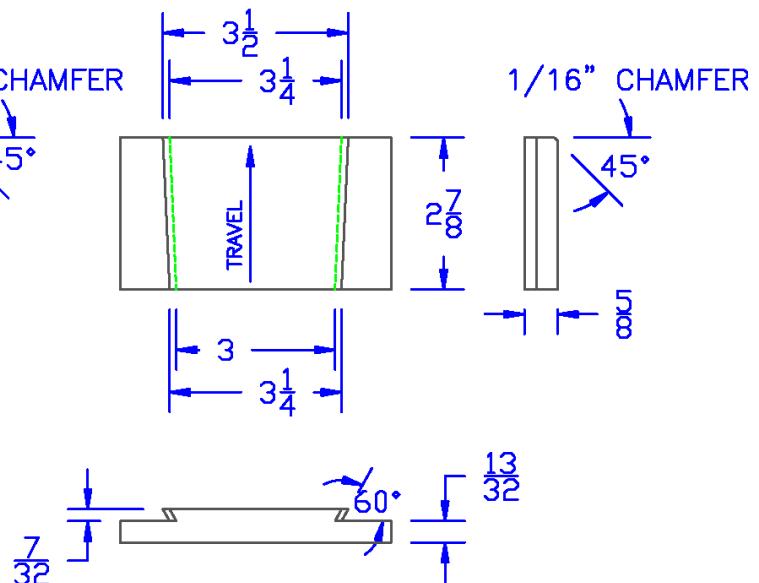


MATL: 65-45-12  
DUCTILE IRON

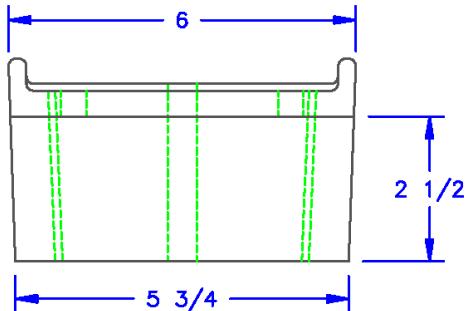
WEARSHOE HOLDER  
P/N W-4256



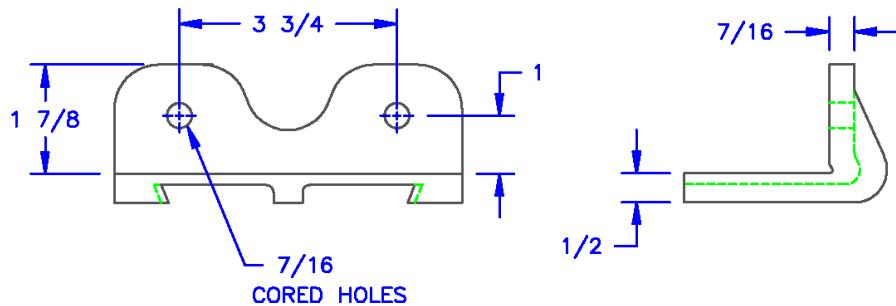
UHMW-PE WEARSHOE  
P/N W-4257



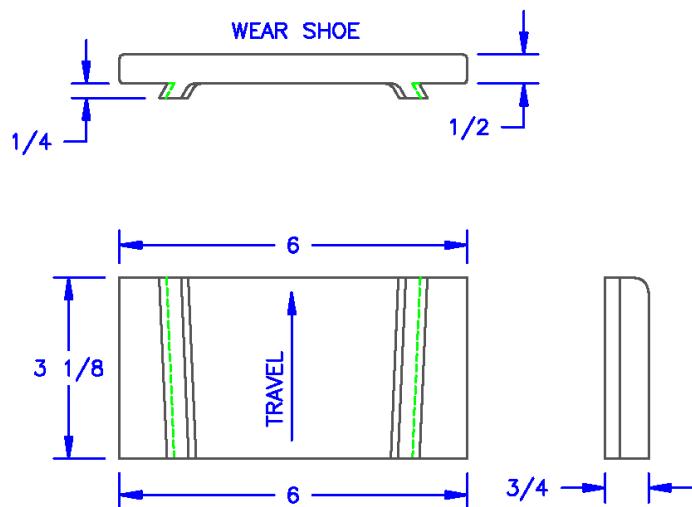
C-1045 STEEL WEARSHOE  
FLAME HARDENED  
P/N W-4258



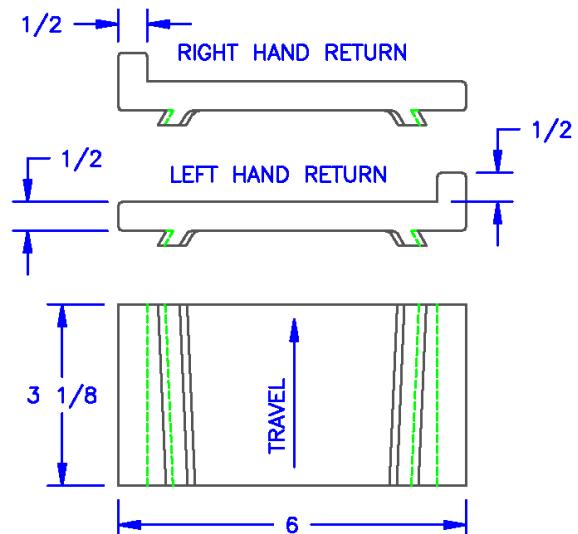
WEARSHOE HOLDER  
MATL: 65-45-12  
DUCTILE IRON  
P/N W-4010



WEARSHOE MATL: ASTM A48 CL35 GRAY IRON  
WITH CHROME ALLOY, 200 MIN. BHN.

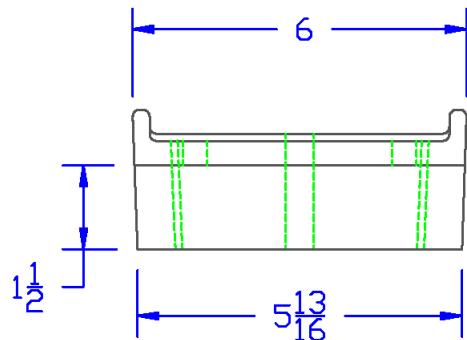


WEAR SHOE  
P/N W-4011

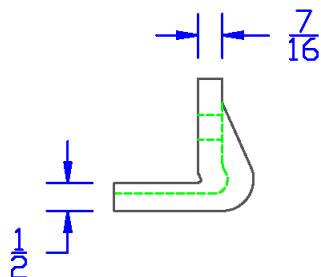
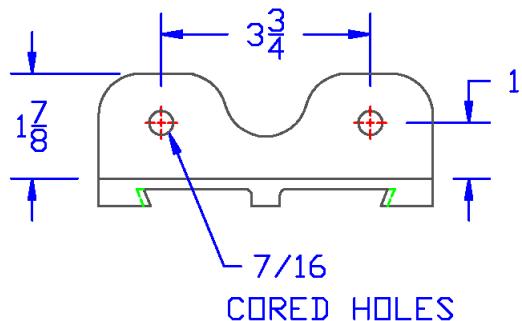


RETURN SHOE  
P/N W-4011 RH  
P/N W-4011 LH

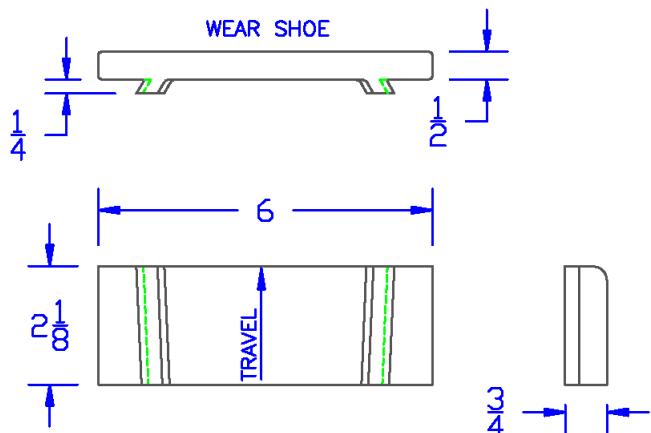
NOTE: WEARSHOES MAY BE SUPPLIED FROM UHMW-PE WHEN REQUIRED



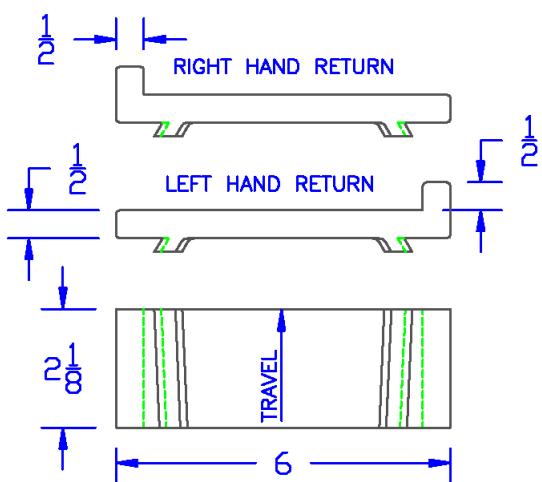
WEARSHOE HOLDER  
MATL: 65-45-12  
DUCTILE IRON  
P/N W-4017



WEARSHOE MATL: ASTM A48 CL35 GRAY IRON  
WITH CHROME ALLOY, 200 MIN. BHN.

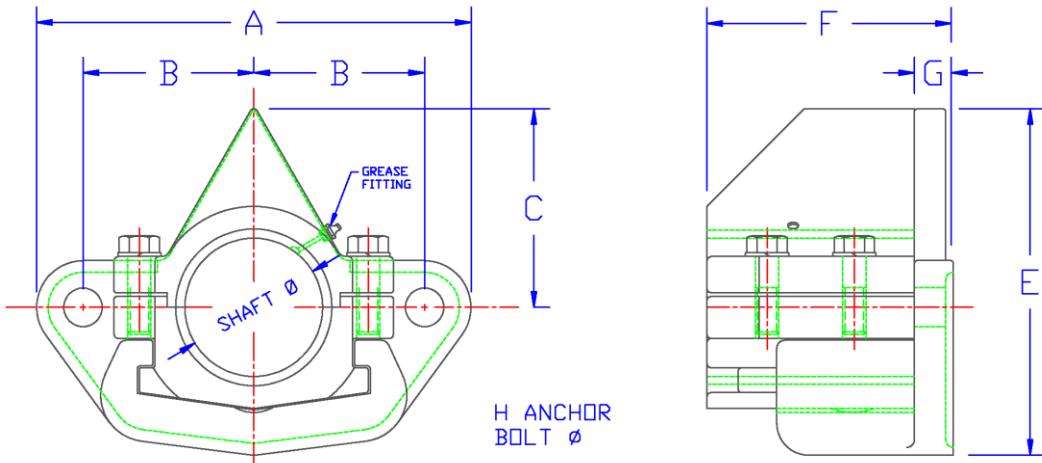


WEAR SHOE  
P/N W-4018

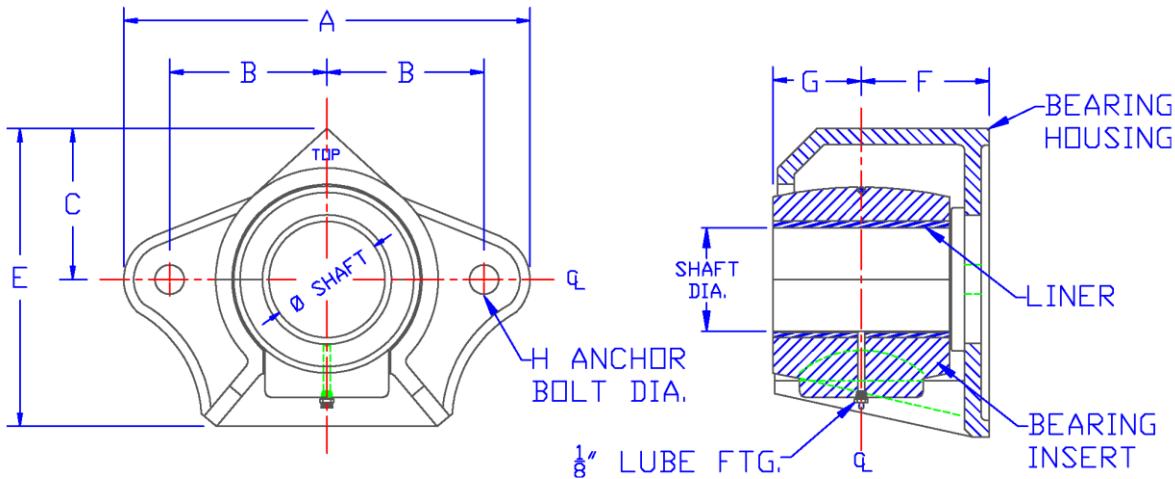


RETURN SHOE  
P/N W-4018 RH  
P/N W-4018 LH

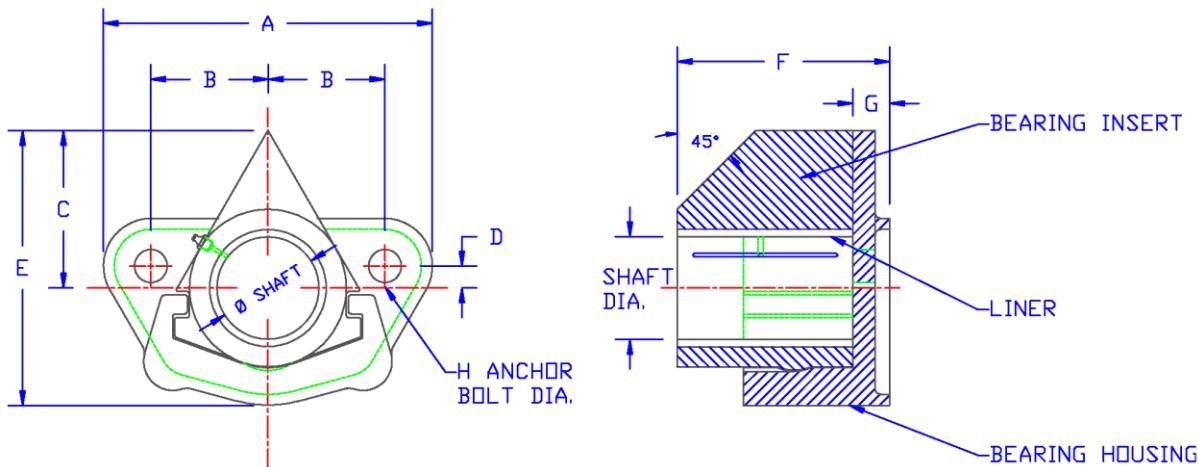
NOTE: WEARSHOES MAY BE SUPPLIED FROM UHMW-PE WHEN REQUIRED



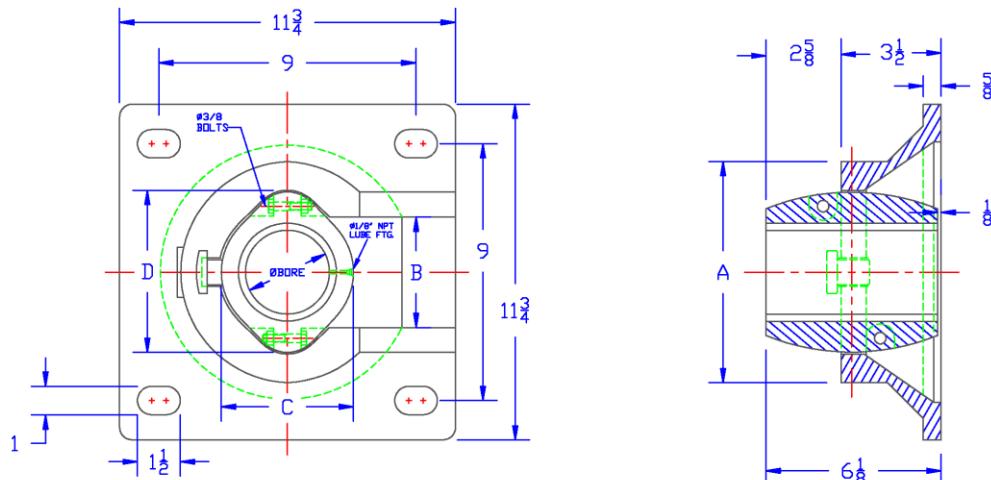
BRG. NO	SHAFT DIA.	WT. LBS.	DIMENSIONS-INCHES						
			A	B	C	E	F	G	H
W-3789	1-15/16	49	13-1/2	5-1/4	4-1/4	7-13/16	5-1/4	1-1/8	1
W-3789	2-7/16	49	13-1/2	5-1/4	4-1/4	7-13/16	5-1/4	1-1/8	1
W-3695	2-15/16	53	13-1/2	5-1/4	4-3/16	7-9/16	5-5/8	1-1/8	1
W-3694	3-7/16	78	14	5-1/2	4-3/4	8-3/8	6-3/8	1-1/8	1
W-3698	3-15/16	94	14	5-1/2	6-1/2	11-1/8	7-1/4	1-1/4	1
W-3787	4-7/16	97	14	5-1/2	6-1/2	11-1/4	8	1-1/4	1
W-3787	4-15/16	97	14	5-1/2	6-1/2	11-1/4	8	1-1/4	1



PART NO	BRG. NO	SHAFT DIA.	WT. LBS.	DIMENSIONS-INCHES						
				A	B	C	E	F	G	H
W-3570	SPC115	1-15/16	16	8-1/2	3	3-1/8	5-7/8	2-1/2	1-11/16	1
W-3567	SPC207	2-7/16	28	9-3/4	3-5/8	3-15/16	7-13/16	3-1/4	2	1
W-3572	SPC215	2-15/16	34	11-1/2	4-1/4	4-1/16	8-7/16	3-1/4	2	1
W-3571	SPC307	3-7/16	55	12-1/2	4-3/4	4-5/16	9-7/16	3-7/8	2-1/2	1
W-3568	SPC315	3-15/16	80	14-1/2	5-1/2	5-1/2	11	4-3/8	2-7/8	1
W-3580	SPC407	4-7/16	101	15-1/2	6	5-15/16	11-7/16	4-7/8	3-3/8	1
W-3581	SPC415	4-15/16	101	15-1/2	6	5-15/16	11-7/16	4-7/8	3-3/8	1-1/8

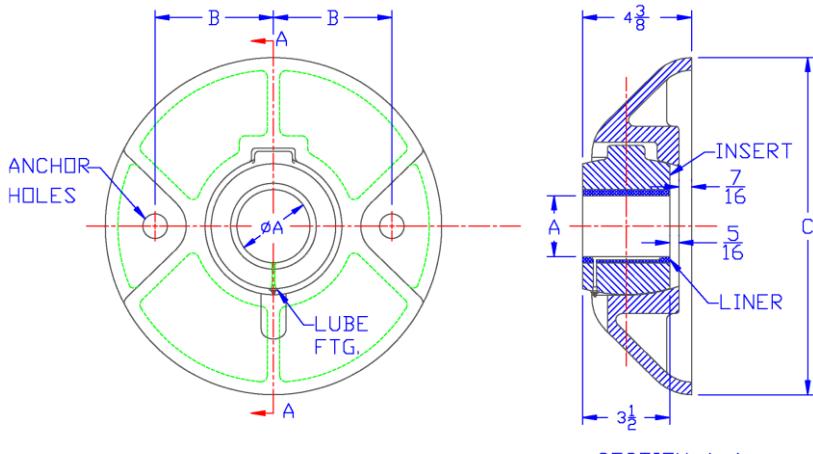


BRG. NO	SHAFT DIA.	WT. LBS.	DIMENSIONS-INCHES							
			A	B	C	D	E	F	G	H
PC115	1-15/16	18	7-1/2	2-3/8	3-1/8	1	5-5/8	4-1/2	1	3/4
PC207	2-7/16	22	8-1/4	2-3/4	3-9/16	3/4	6-5/16	5-1/4	1	3/4
PC215	2-15/16	36	9-3/4	3-3/8	4-5/16	3/4	7-5/16	5-5/8	1-1/8	7/8
PC307	3-7/16	40	10	3-1/2	4-13/16	3/4	8-3/8	6-3/8	1-1/8	7/8
PC315	3-15/16	54	11-1/4	4	5-3/8	3/4	9-5/16	7-1/4	1-1/4	1
PC407	4-7/16	65	12	4-3/8	5-1/2	5/8	9-3/4	8	1-1/4	1
PC415	4-15/16	95	13-5/8	5	6-1/2	5/8	11-1/8	8	1-1/4	1



BRG. NO	SHAFT DIA.	WT. LBS.	A	B	C	D
W4035	1-15/16	54	8-1/4	3-7/8	4-5/8	5-5/8
W4035	2-7/16	50	8-1/4	3-7/8	4-5/8	5-5/8
W4035	2-15/16	47	8-1/4	3-7/8	4-5/8	5-5/8
W4036	3-7/16	73	10	5	6-15/16	7-1/2
W4036	3-15/16	68	10	5	6-15/16	7-1/2
W4036	4-7/16	62	10	5	6-15/16	7-1/2
W4036	4-15/16	55	10	5	6-15/16	7-1/2

BOTH SOLID AND SPLIT WALL BEARINGS CAN BE SUPPLIED WITH UHMW SLEEVES OR WITH PHENOLIC BUSHINGS.



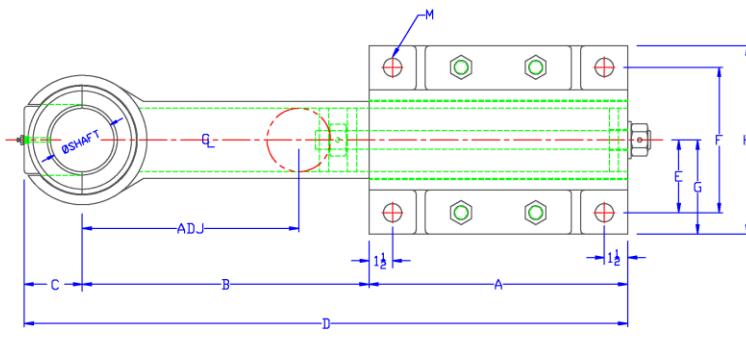
A	DWG. #	B	C	ANCHOR HOLES	WEIGHT
1-15/16	W-3987	4-3/4	13-1/2	1"	52#
2-7/16	W-3986	4-3/4	13-1/2	1"	50#
2-15/16	W-3960	5-1/4	14-3/4	1"	59#
3-7/16	W-3969	5-1/4	14-3/4	1"	61#
3-15/16	W-3961	5-3/4	15-3/4	1-1/4"	68#
4-7/16	W-3962	5-3/4	15-3/4	1-1/4"	66#
4-15/16	W-4404	6	15-3/4	1-1/4"	66#
5-7/16	W-4402	7-1/2	19	1-1/4"	78#
5-15/16	W-4402	7-1/2	19	1-1/4"	80#

MOUNTING HOLES (M)

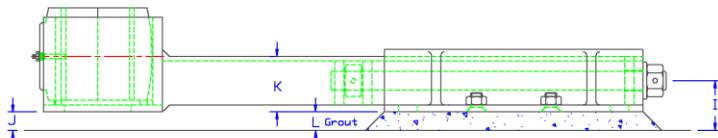
BORE RANGE:

1-15/16 to 2-15/16 (M) = Ø1-1/4"

3-7/16 to 4-15/16 (M) = Ø1-1/2"

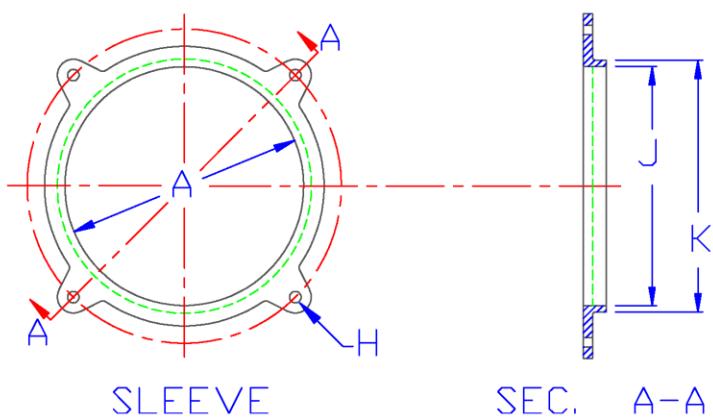
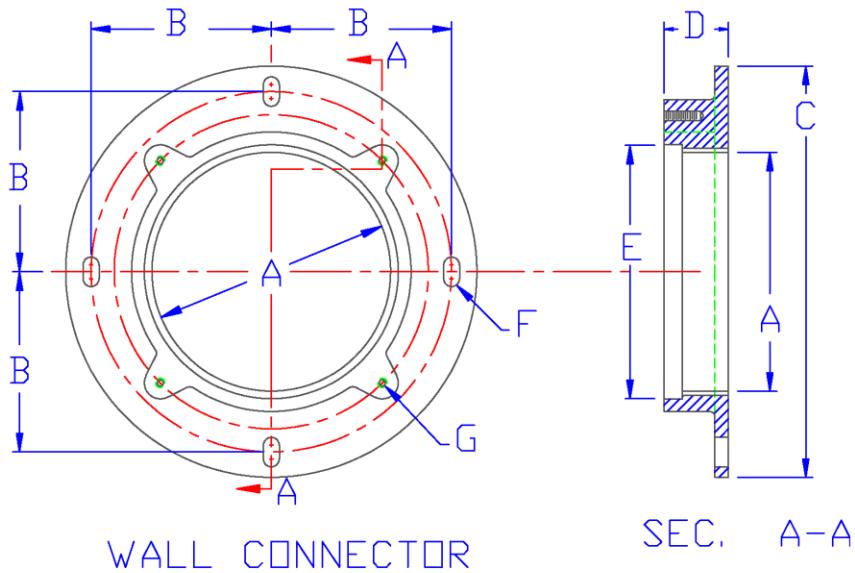


OTHER STYLES AVAILABLE



SHAFT DIA.	ADJ.	BRG ASSY #	A	B	C	D	E	F	G	H	I	J	K	L	Wt.
1-15/16	12	W-3626	15	15	1-7/8	32	4-1/16	8-1/8	5-1/4	10-1/2	2-9/16	1	2-1/4	1	92#
2-7/16	12	W-3608	15	16	2-7/8	34	4-1/16	8-1/8	5-1/4	10-1/2	2-9/16	1	3-1/4	1	100#
2-15/16	12	W-3608	15	16	2-7/8	34	4-1/16	8-1/8	5-1/4	10-1/2	2-9/16	1	3-1/4	1	100#
3-7/16	12	W-3611	16-1/2	17	3-1/4	36-7/8	5-5/16	10-5/8	6-3/16	13-5/8	3-1/16	1-1/2	3-7/8	1-1/2	132#
3-15/16	12	W-3613	16-1/2	18-1/4	4	38-7/8	5-5/16	10-5/8	6-3/16	13-5/8	3-1/16	1-1/2	4-3/8	1-1/2	140#
4-7/16	12	W-3614	16-1/2	18-1/2	4-3/8	40	5-5/16	10-5/8	6-3/16	13-5/8	3-1/16	1-1/2	4-7/8	1-1/2	150#
4-15/16	12	W-3614	16-1/2	18-1/2	4-3/8	40	5-5/16	10-5/8	6-3/16	13-5/8	3-1/16	1-1/2	4-7/8	1-1/2	150#

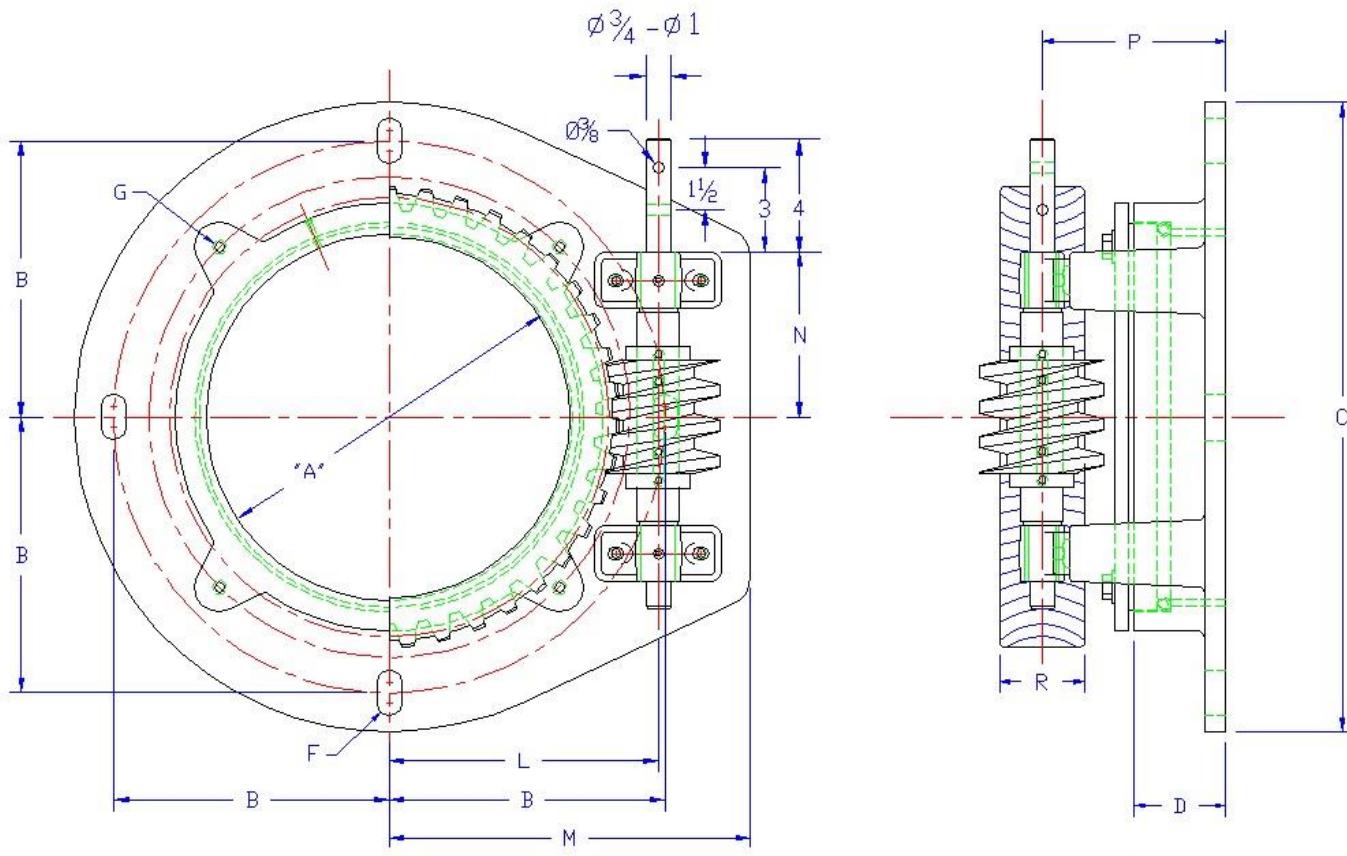
NOTE: WEIGHTS ARE APPROXIMATE, AND DO NOT INCLUDE BEARING.



PIPE SIZE	6"	8"	10"	12"	14"	16"	18"	20"
CONNECTOR								
WEIGHT	35#	40#	50#	85#	88#	130#	138#	176#
A	6-23/32	8-27/32	10-15/16	12-15/16	14-3/16	16-3/16	18-3/16	20-3/16
B	6-7/8	6-11/16	8	9-3/4	10	12-1/2	12	13
C	16-1/2	16-1/2	18-3/4	22-1/4	23	28	27-1/2	29-1/2
D	2-1/4	2-1/4	2-1/4	3-1/4	3-1/4	3-1/4	3-3/8	3-3/8
E	7-21/32	9-5/8	11-3/4	13-3/4	15-3/32	17-3/8	19-11/16	21-11/16
*F	3/4	3/4	3/4	3/4	3/4	7/8	7/8	7/8
*G	3/8	1/2	1/2	1/2	1/2	1/2	1/2	1/2
SLEEVE								
WEIGHT	5#	6#	8#	10#	16#	26#	32#	37#
H	13/32	9/16	9/16	9/16	9/16	9/16	9/16	9/16
J	6-7/8	8-27/32	10-15/16	12-13/16	14-3/16	16-3/16	18-3/16	20-3/16
K	7-9/16	9-1/2	11-5/8	15-1/16	17-3/8	14-5/16	19-9/16	21-9/16

\*Designates size of bolts to be used.

WALL CONNECTORS CAN BE SUPPLIED WITH UHMW LINERS AND/OR GREASE FITTINGS.



SIDE VIEW

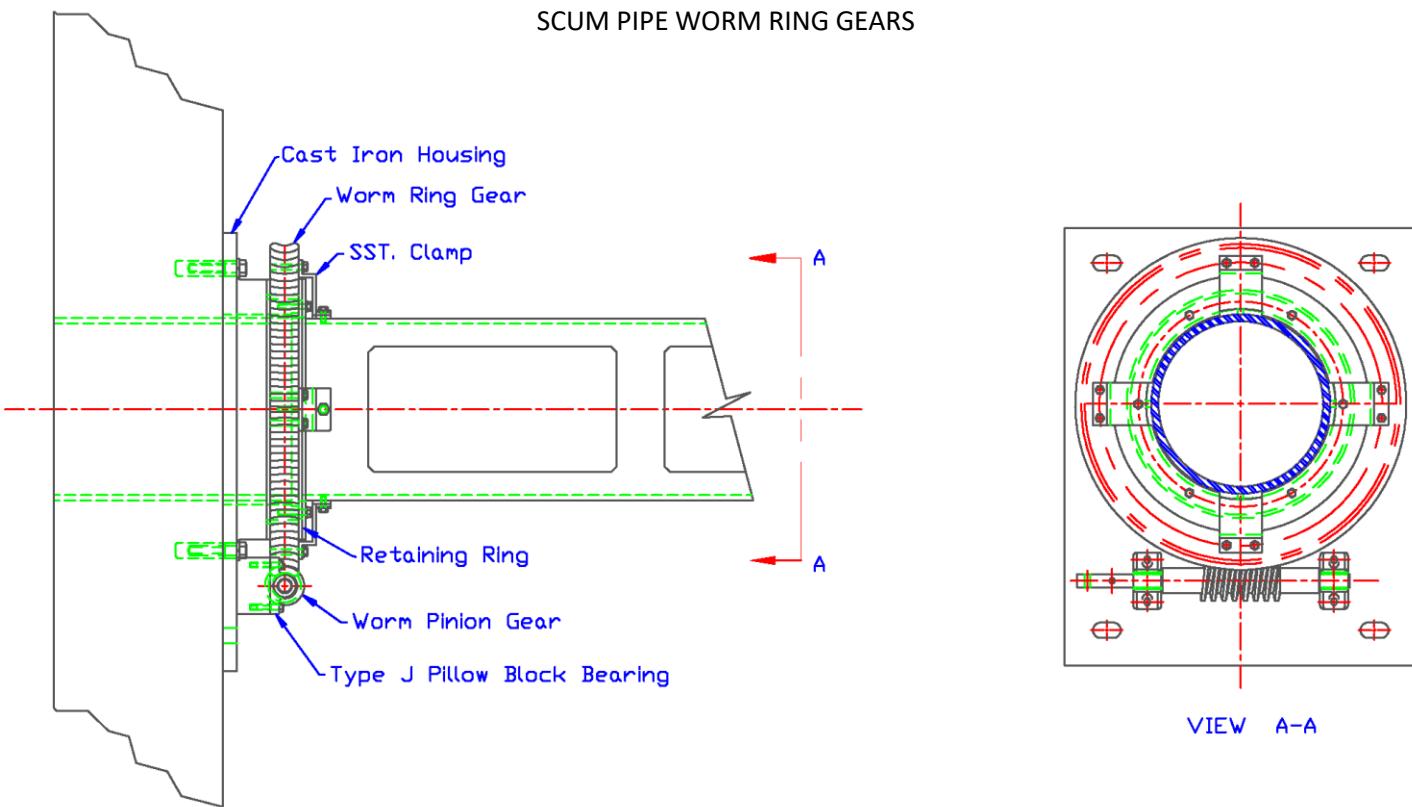
PIPE SIZE	6"	8"	10"	12"	14"	16"	18"	20"
A	6-23/32	8-27/32	10-15/16	12-15/16	14-3/16	16-3/16	18-3/16	20-3/16
B	6-7/8	6-7/8	8	9-3/4	10	12-1/2	12	13
C	16-1/2	16-1/2	18-3/4	22-1/4	23	28	27-1/2	29-1/2
D	2-1/4	2-1/4	2-1/4	3-1/4	3-1/4	3-1/4	3-3/8	3-3/8
*F	3/4	3/4	3/4	3/4	3/4	3/4	7/8	7/8
*G	3/8	1/2	1/2	1/2	1/2	1/2	1/2	1/2
L	7-23/64	7-21/64	8-9/16	9-1/2	10-1/2	11-45/64	12-1/2	13-11/16
M	10-3/8	10-5/16	11-9/16	12-3/4	13-3/4	14-29/32	15-3/4	17
N	5-11/32	6-63/64	5-15/32	5-13/16	6-37/64	7-5/32	7	7-1/2
P	5	5-1/2	5-1/2	6-1/2	6-1/2	7	7	7-1/2
R	2	3	3	3	3	3	3	3
T	14	14	17	19-1/2	22	25 ♦	27	30

\*Designates size of bolts to be used.

Drive Connectors supplied with UHMW Liner, Half UHMW Ring Gear, Nylon Worm Pinion, Stainless Shaft, UHMW lined Pillow Blocks, Zinc Plated Collars, Compression Sleeve, Neoprene Seal, and Grease Fitting.

T= No. Teeth on Half UHMW Ring Gear ♦ 26 Teeth also available

ASSEMBLIES ARE REVERSIBLE



PIPE SIZES	8"	10"	12"	14"	16"	18"	20"
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CALL FACTORY FOR PRICING AND DETAILS.

Scum pipes are not included.

Rotary Wall Connectors are supplied with UHMW liners.

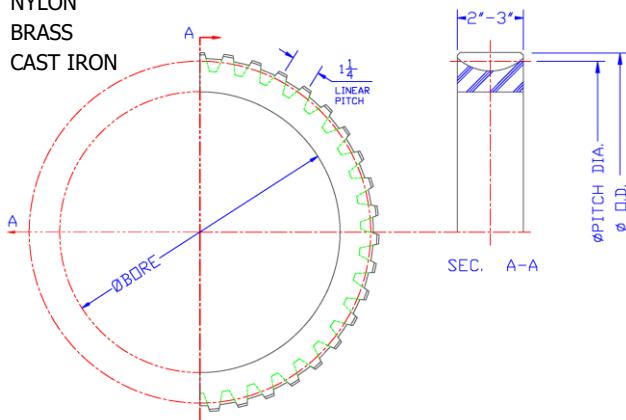
#### MATERIAL:

UHMW-PE

NYLON

BRASS

CAST IRON



HALF UHMW WORM  
RING GEAR

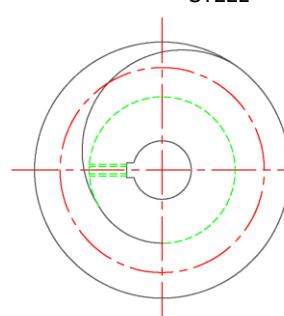
#### MATERIAL:

UHMW-PE

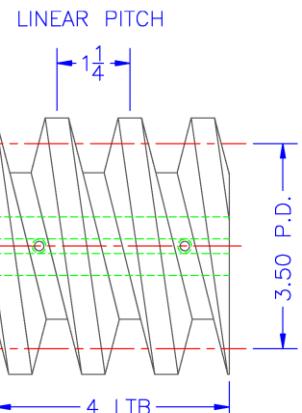
NYLON

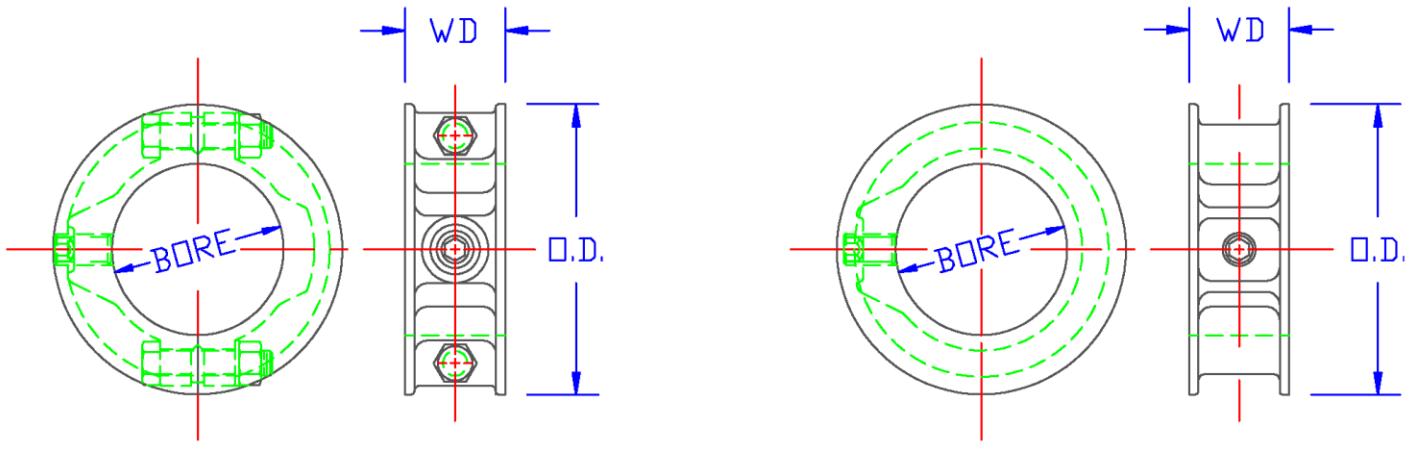
BRASS

STEEL



WORM DRIVE PINION





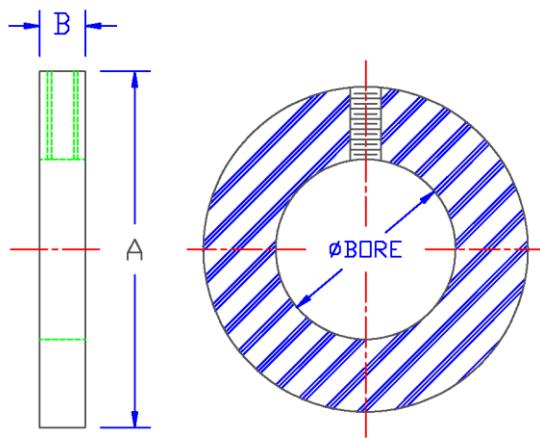
SPLIT

SOLID

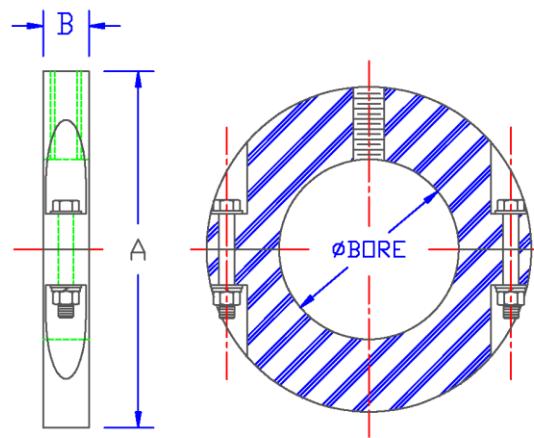
BREWTON SET COLLARS ARE SUPPLIED WITH ALL APPLICABLE HARDWARE.  
SET COLLARS ARE AVAILABLE IN CAST GRAY IRON, OR DUCTILE IRON.

<b>SPLIT</b>			
<b>BORE</b>	<b>EST. WT.</b>	<b>O.D.</b>	<b>WIDTH</b>
1-15/16	2-1/4	3-7/8	1-5/8
2-3/16	4	4-11/16	1-7/8
2-7/16	4-1/4	4-15/16	1-7/8
2-11/16	4-1/4	5-3/16	1-7/8
2-15/16	4-1/4	5-7/16	1-7/8
3-3/16	5-1/4	5-11/16	2
3-7/16	5-1/2	5-13/16	2
3-11/16	7-1/2	6-5/8	2-1/4
3-15/16	10	7	2-1/4
4-3/16	16-3/4	7-3/4	3-1/4
4-7/16	17-3/4	8	3-1/4
4-11/16	18-3/4	8-1/4	3-1/4
4-15/16	20-3/4	8-1/2	3-1/4
5-7/16	34	9-3/4	3-1/4
5-15/16	30	10	3-1/4
6-7/16	40	11-1/4	4-3/8

<b>SOLID</b>			
<b>BORE</b>	<b>EST. WT.</b>	<b>O.D.</b>	<b>WIDTH</b>
1-15/16	1-1/2	3-3/8	1-5/8
2-3/16	2-3/4	4	1-7/8
2-7/16	2-3/4	4-5/16	1-7/8
2-11/16	3-1/4	4-9/16	1-7/8
2-15/16	4-1/4	4-15/16	1-7/8
3-3/16	4-1/2	5-3/16	2
3-7/16	4-3/4	5-7/16	2
3-11/16	5-5/8	6	2-1/4
3-15/16	6-1/2	6-1/4	2-1/4
4-3/16	13-1/2	7-3/8	3-1/4
4-7/16	13-1/2	7-5/8	3-1/4
4-11/16	12-1/4	7-5/8	3-1/4
4-15/16	16-1/4	8-1/8	3-1/4
5-7/16	29	9-1/2	3-1/2
5-15/16	30	9-5/8	3-3/4
6-7/16	35	10-1/8	4



SOLID



SPLIT

**SOLID**

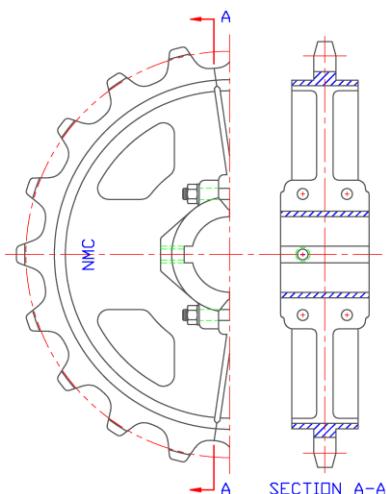
P/N	BORE	A	B	SET SCREW	EST. WT.
PSC107	1-7/16	5	1	3/8	.11
PSC115	1-15/16	5	1	1/2	.17
PSC207	2-7/16	5	1	5/8	.39
PSC215	2-15/16	6	1-1/4	3/4	.45
PSC307	3-7/16	6	1-1/4	3/4	1.0
PSC315	3-15/16	8	1-1/4	3/4	1.25
PSC407	4-7/16	8	1-1/4	3/4	1.36
PSC415	4-15/16	9	1-1/2	3/4	2.18
PSC507	5-7/16	9	1-1/2	3/4	2.35

**SPLIT**

P/N	BORE	A	B	SET SCREW	EST. WT.
SPSC-107	1-7/16	5	1	3/8	.29
SPSC-115	1-15/16	5	1	1/2	.68
SPSC-207	2-7/16	5	1	5/8	1.06
SPSC-215	2-15/16	6	1-1/4	3/4	1.20
SPSC-307	3-7/16	6	1-1/4	3/4	1.67
SPSC-315	3-15/16	8	1-1/4	3/4	2.32
SPSC-407	4-7/16	8	1-1/4	3/4	3.07
SPSC-415	4-15/16	9	1-1/2	3/4	3.31
SPSC-507	5-7/16	9	1-1/2	3/4	3.88

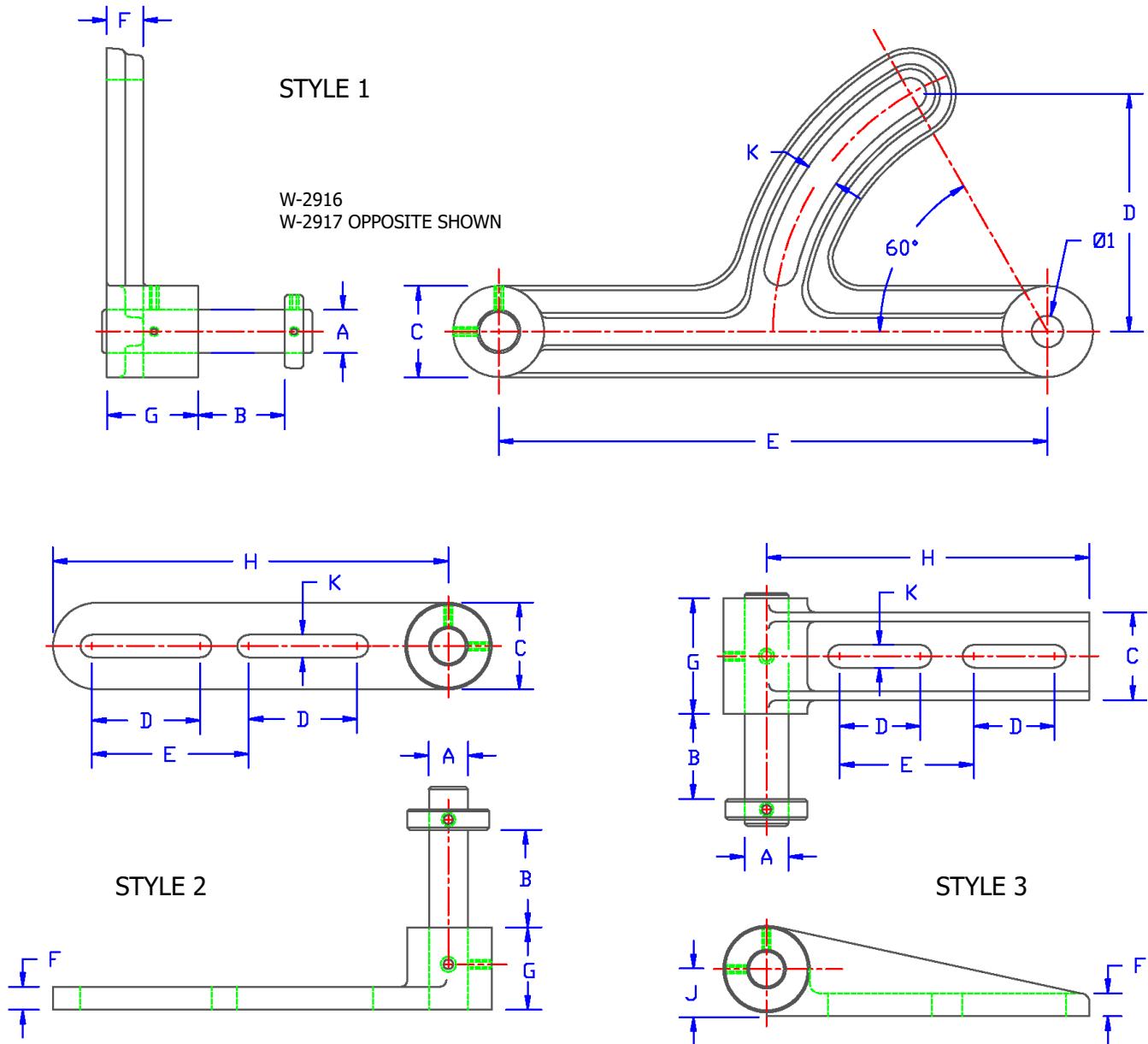
**NMC 720 SPROCKETS**

(Designed to Operate with Plastic Chain)

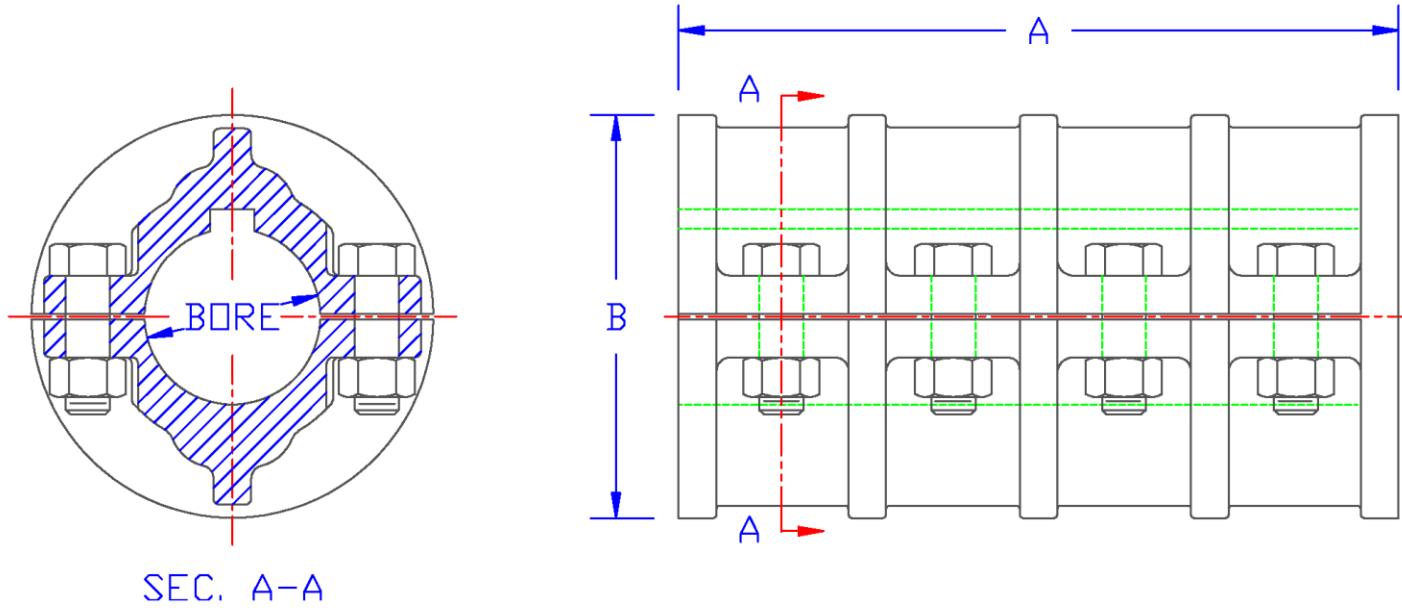


All NMC (Non-Metallic Chain) Sprockets are manufactured of Class 35 Gray Iron with Chilled Rim. Minimum Hardness of Rim is 360 BHN with Chill Depth of at least 3/16". Sprocket Teeth are ground smooth to minimize chain wear. Hardness in excess of that specified available on request.

NO. TEETH	P.D.	MAX. BORE SPLIT	EST. WT. LESS HUBS
13	12.89	3-15/16	30
17	16.59	4-15/16	47
19	18.45	5-7/16	56
21	20.33	5-7/16	60
23	22.21	5-15/16	72
25	24.09	5-15/16	84



ASSY #	A SHAFT DIA.	B (MAX)	C	D	E	F	G	H	J	K	EST. WT. LBS.
W2916-1	1-3/16	2-1/4	2-1/2	6-1/2	15	1	2-1/2	—	—	7/8	15
W2917-1	1-3/16	2-1/4	2-1/2	6-1/2	15	1	2-1/2	—	—	7/8	15
W2918-2	3/4	3	2	2-1/2	—	1/2	1-1/2	7	—	1/2	3
W2919-2	1-15/16	3	6	2-1/2	5-1/4	3/4	3	15	—	1-1/8	32
W2920-2	15/16	3-1/2	2-3/8	2-3/4	4-1/4	5/8	1-3/4	10-13/16	—	5/8	7
W2921-2	1-3/16	2-1/4	2-3/8	2-15/16	4-1/4	5/8	2-1/4	10-3/4	—	5/8	11
W2922-2	1-3/16	2-1/2	3	3	6	3/4	2-1/2	12-1/2	—	7/8	12
W2923-2	1-3/16	4	3	5	6-3/8	11/16	2-1/8	15-1/4	—	5/8	10
W2924-2	1-7/16	5-1/2	3	6-3/8	7-7/8	3/4	2-3/8	18-1/4	—	5/8	15
W2925-3	15/16	2-1/4	2-1/15	1-15/16	3	5/8	2-3/4	7-7/16	1-3/8	9/16	8
W2926-3	1-3/16	2-1/4	2-1/4	2-15/16	4-1/4	5/8	3	10-3/8	1-1/2	9/16	11

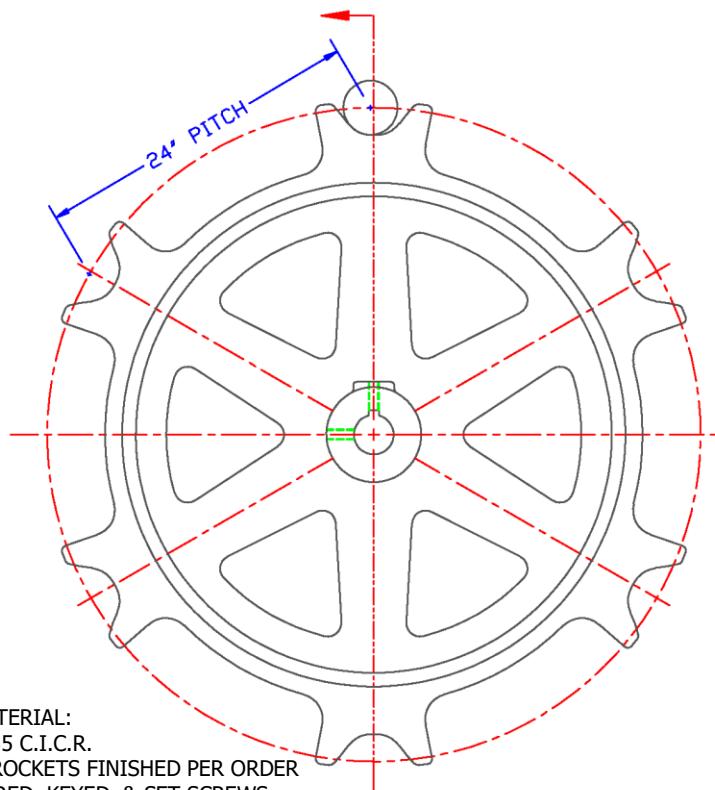


<b>BORE</b>	<b>DWG. NO.</b>	<b>WEIGHT</b>	<b>A</b>	<b>B</b>	<b>K.S.</b>	<b>BOLTS</b>	<b>SIZE</b>
1-7/16" to 1-1/2"	W-4131	15	7-1/8"	4-1/2"	3/8 X 3/16	6	1/2"
1-15/16" to 2"	W-4130	27	8-5/8"	5-1/2"	1/2 X 1/4	6	5/8"
2-7/16" to 2-1/2"	W-4003	39	9-7/8"	6-1/4"	5/8 X 5/16	6	3/4"
2-15/16" to 3"	W-4002	61	12"	7-1/4"	3/4 X 3/8	6	7/8"
3-7/16" to 3 1/2"	W-4001	96	13-1/2"	8"	7/8 X 7/16	6	7/8"
3-15/16" to 4"	W-4000	164	15-1/2"	10-1/4"	1 X 1/2	6	1"
4-7/16" to 4-1/2"	W-3999	228	17-1/2"	11.00"	1 X 1/2	8	1"
4-15/16" to 5"	W-3998	280	18-3/8"	11-3/4"	1-1/4 X 5/8	8	1-1/8"
5-7/16" to 5-1/2"	W-4132	404	19-1/4"	14-1/4"	1-1/4 X 5/8	8	1-1/4"

REDUCER COMPRESSION COUPLINGS ALSO AVAILABLE. COUPLINGS ARE SUPPLIED WITH STANDARD KEYS

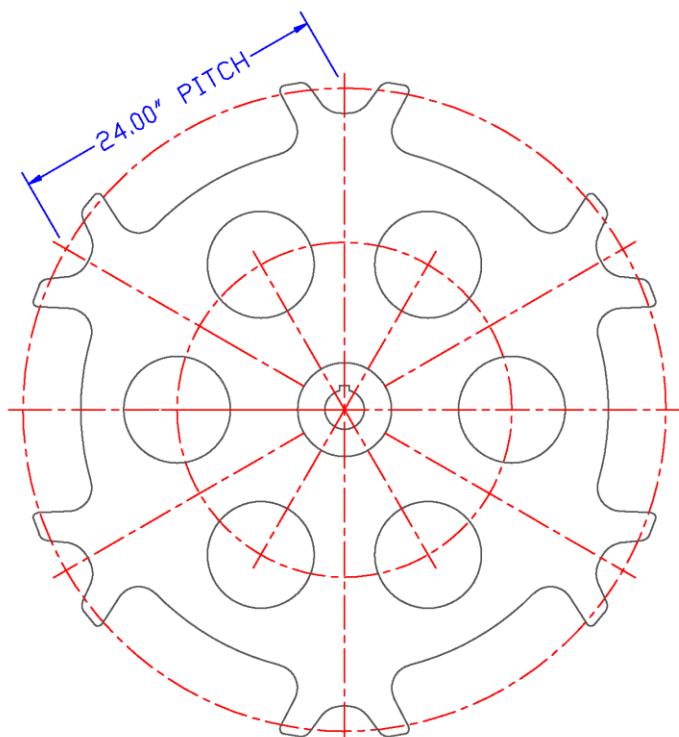
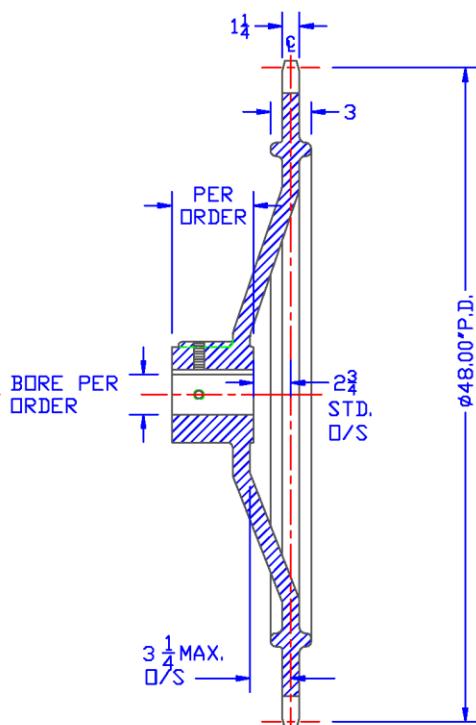
**TRAVELING WATER SCREEN COMPONENTS**

	<b>PATT &amp; DWG. NO.</b>	<b>DESCRIPTION</b>	<b>PAGE</b>
1.	W-4238	Water Screen 6T Dish Sprocket	87
2.	W-4642	FC/FH 6T Water Screen Sprocket	
3.	W-4098	Water Screen Traction Wheel	88
4.	W-4239	Water Screen Center Guide Traction Wheel	
5.	W-4100	6T Combination Head Shaft Sprocket	89
6.	W-4240	Replaceable Insert Head Sprocket	
7.	W-4804	Extension Shoe—Left & Right Hand	90
9.	W-4788	Water Screen Guide (Boot Casting)	
10.	W-4789	48" Well Guide	91
11.	W-4790	Foot Shaft Bearing Block	
12.	W-4792	FMC Small Take Up Bearing	92
13.	W-4876	FMC Large Take Up Bearing	
14.	W-4791	REX Small Take Up Bearing	93
15.	W-4882	REX Large Take Up Bearing	
16.	W-4897	REX Extra Large Take Up Bearing	94



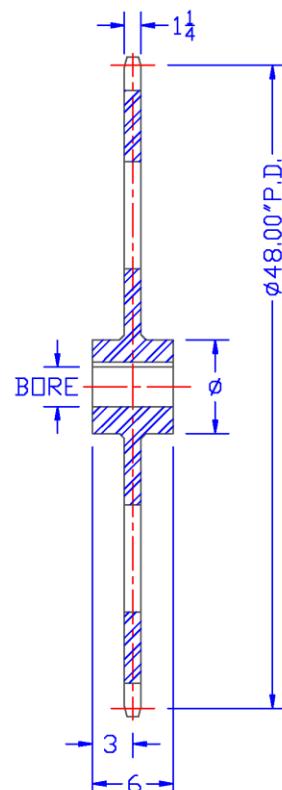
MATERIAL:  
CL35 C.I.C.R.  
SPROCKETS FINISHED PER ORDER  
BORED, KEYED, & SET SCREWS,  
OR PLAIN BORE

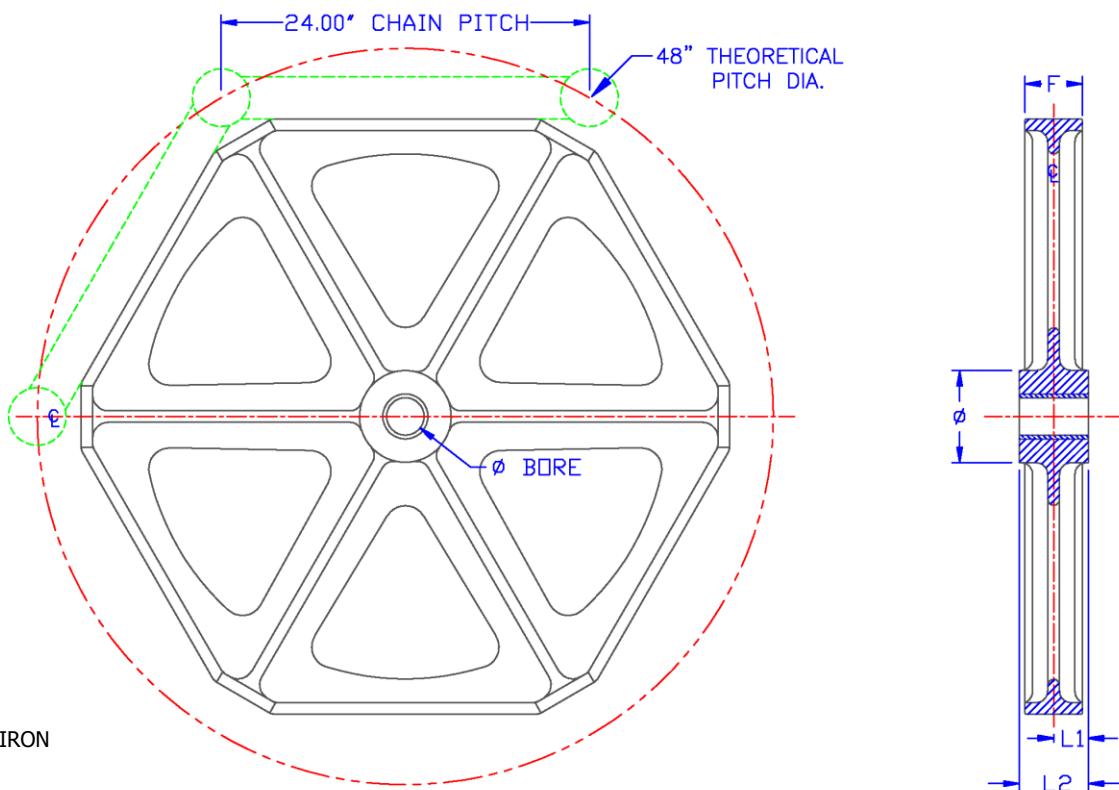
6T DISHED C.I.C.R. WATER SCREEN SPKT. W-4238



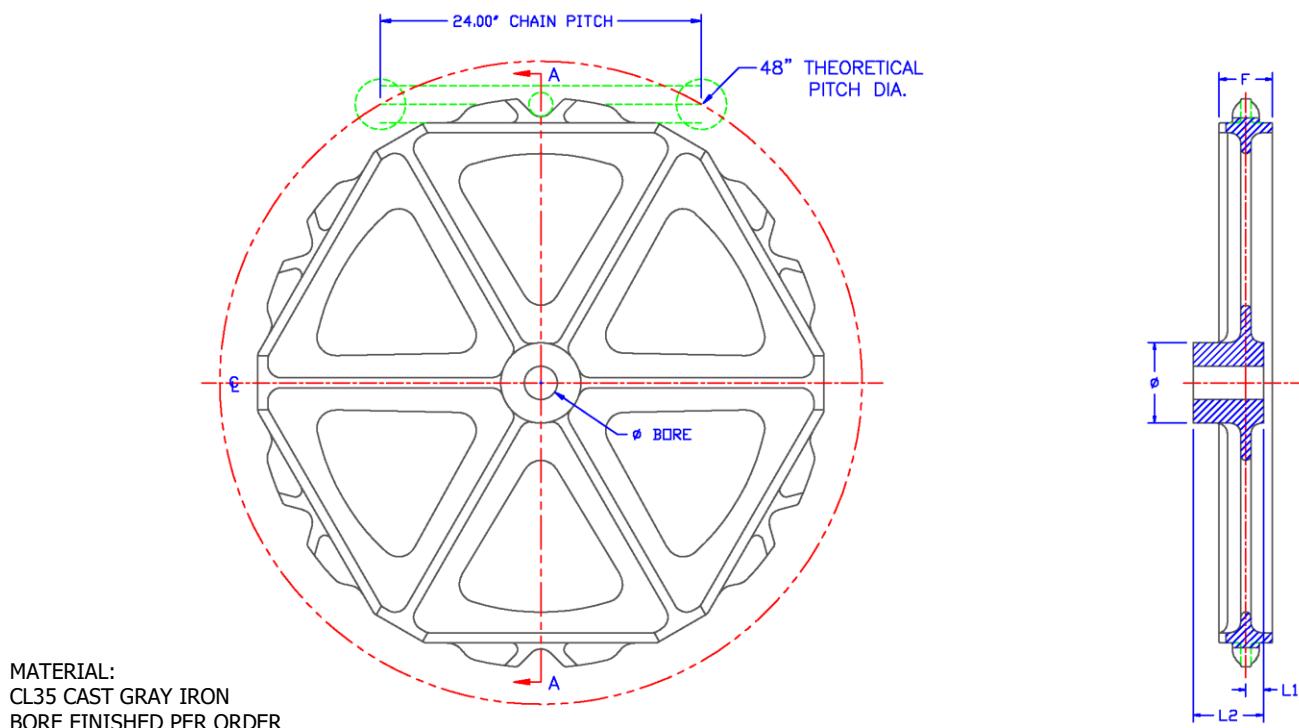
MATERIAL:  
SAE 1045 FC/FH STEEL  
BORE, HUB, O/S, AND LTB, PER ORDER  
FLAME CUT, FLAME HARDENED STEEL SPROCKET  
FOR 24.00" PITCH TRAVELING WATER SCREEN

FC/FH 6T STEEL WATER SCREEN SPKT. W-4642



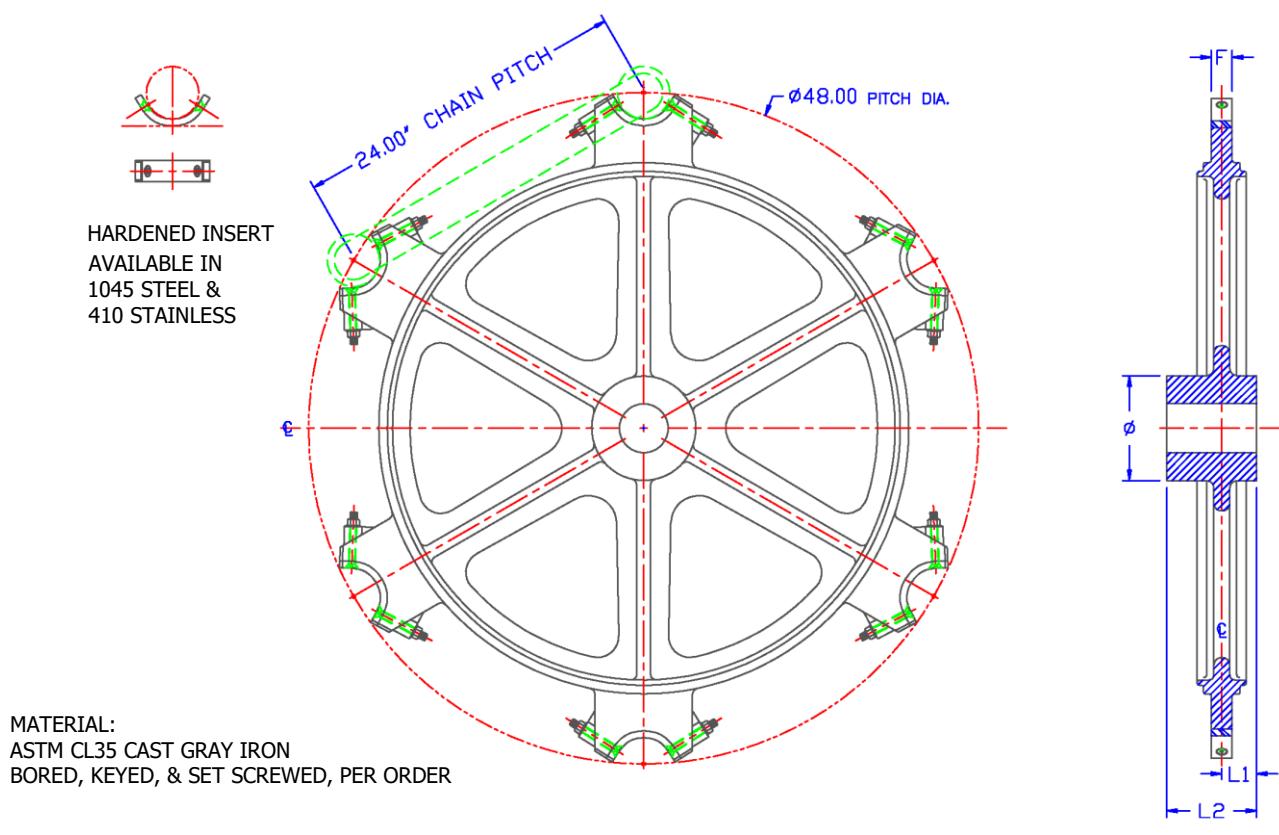
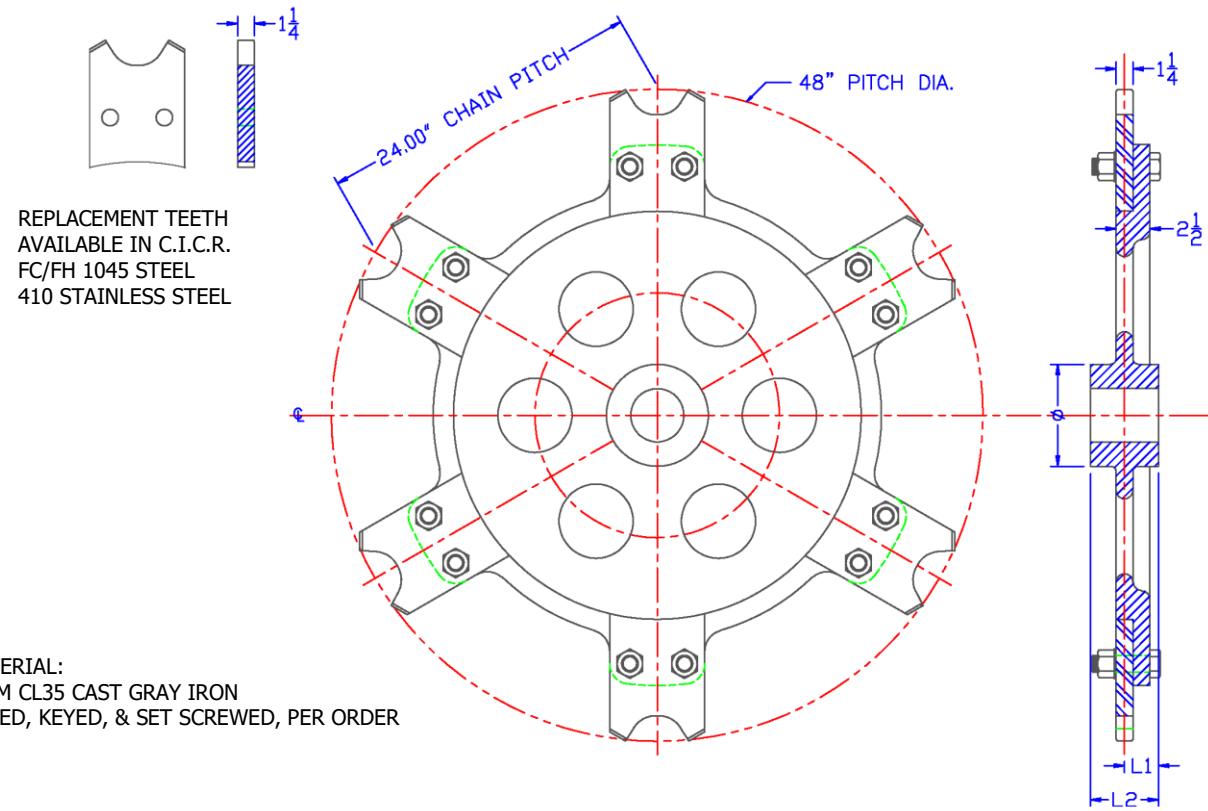


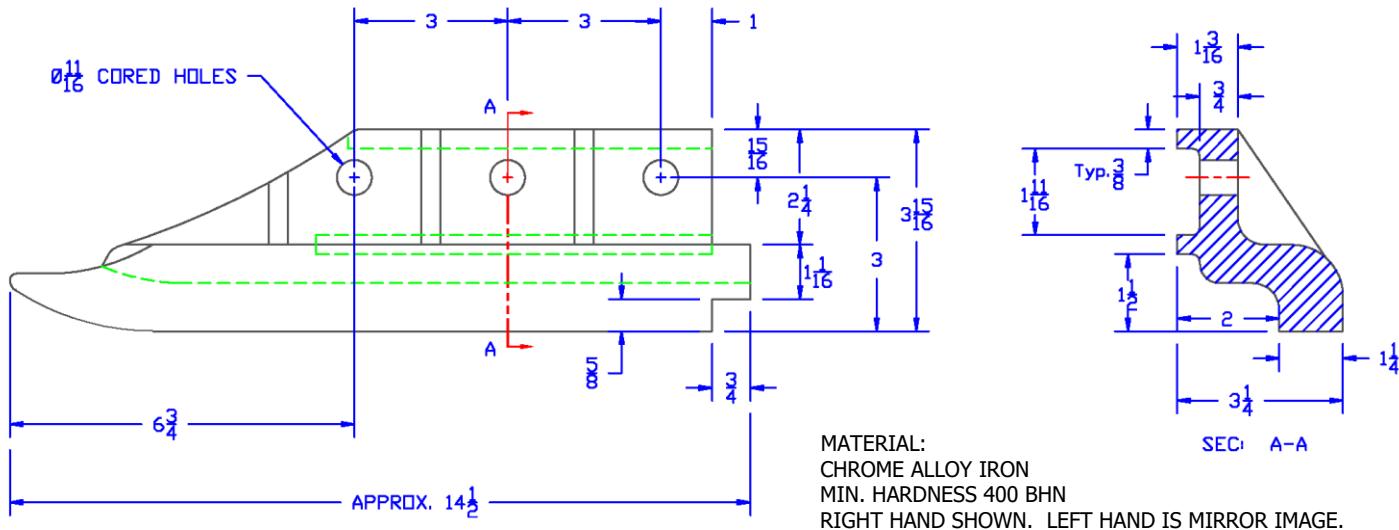
WATER SCREEN TRACTION WHEEL W-4098



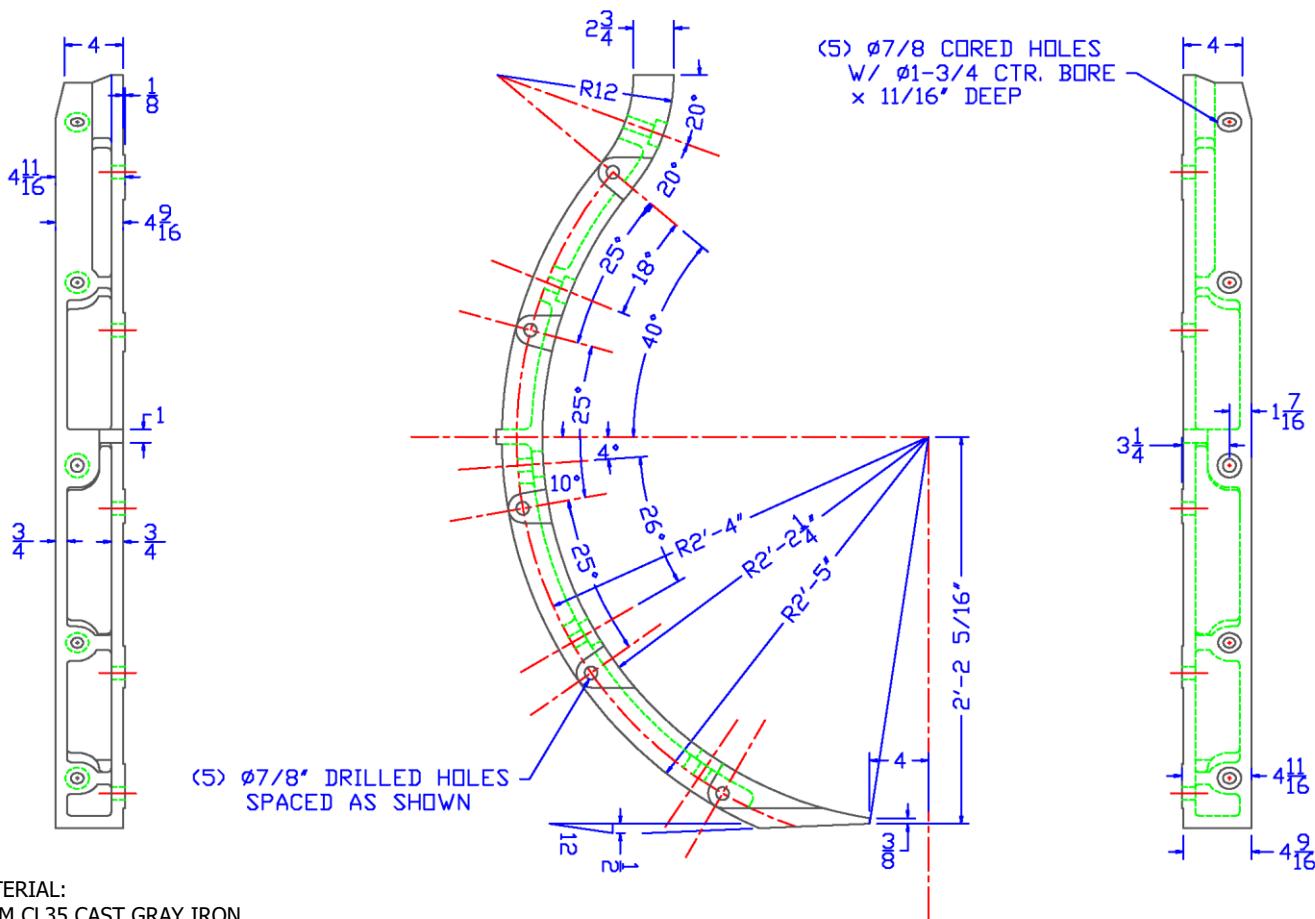
SEC. A-A

CENTER GUIDE TRACTION WHEEL W-4239



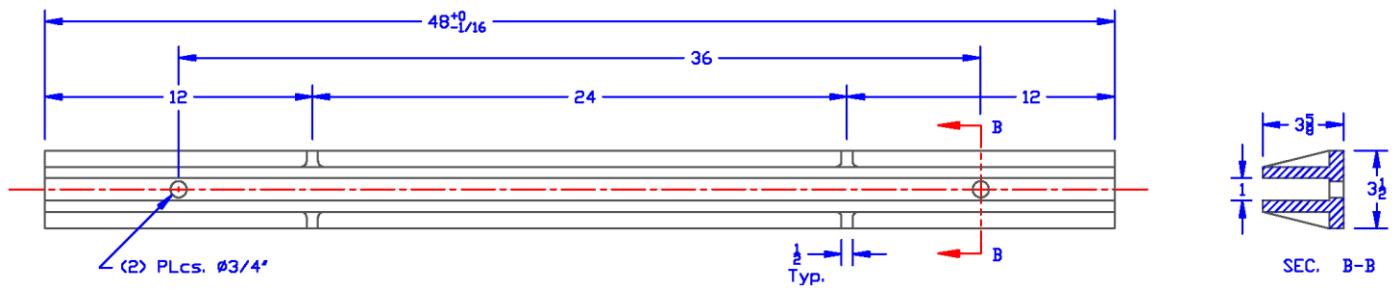


## **EXTENSION SHOE W-4804**



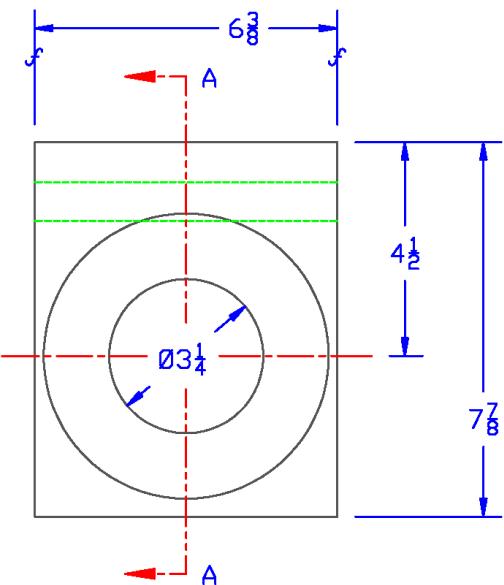
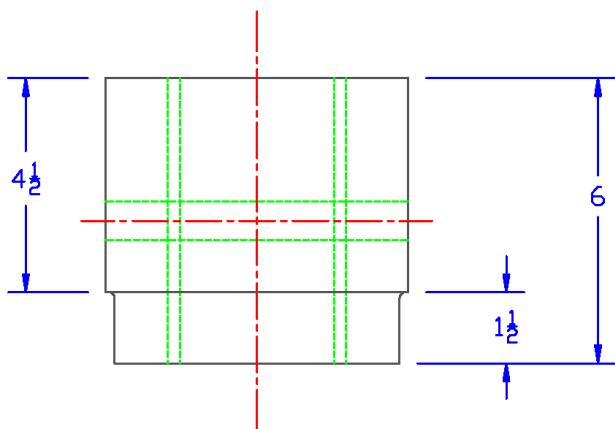
MATERIAL:  
ASTM CL35 CAST GRAY IRON  
RIGHT AND LEFT HAND AVAILABLE

**WATER SCREEN BOOT CASTING GUIDE W-4788**



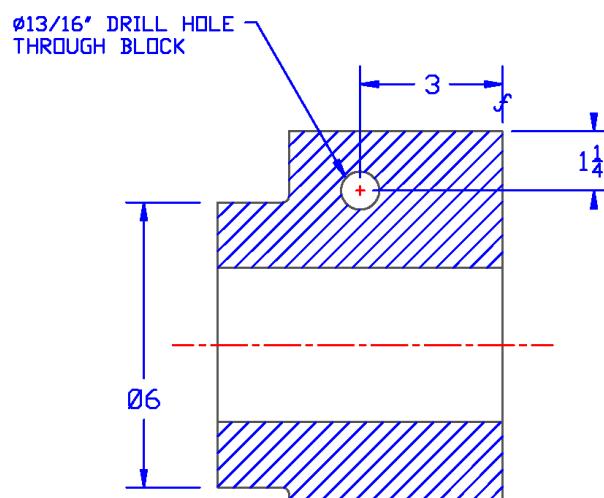
MATERIAL:  
ASTM CL35 CAST GRAY IRON

48" WELL GUIDE W-4789

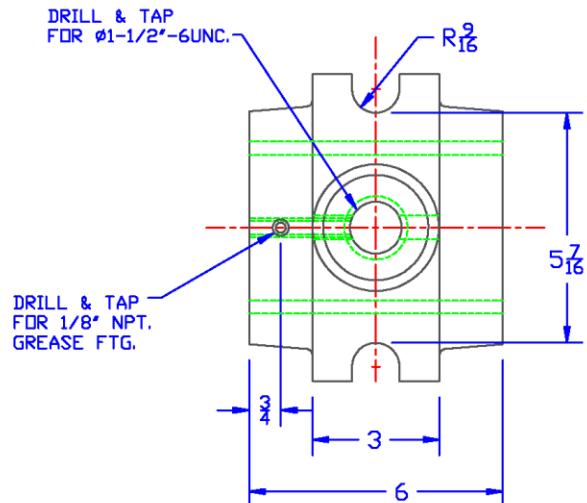
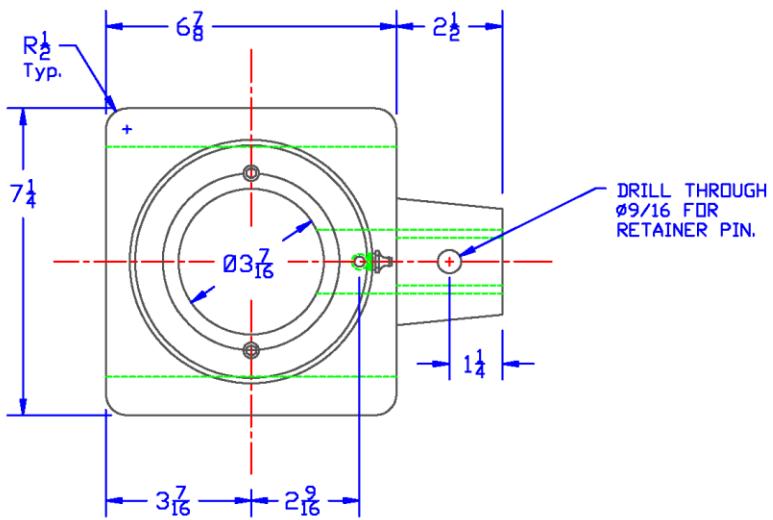


MATERIAL:  
ASTM CL35 CAST GRAY IRON  
3-1/4" ROUGH THRU BORE

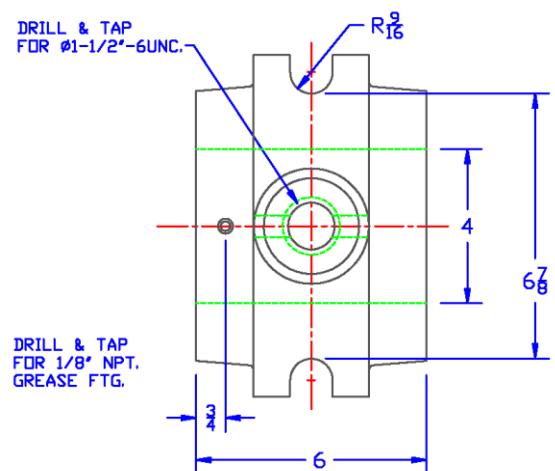
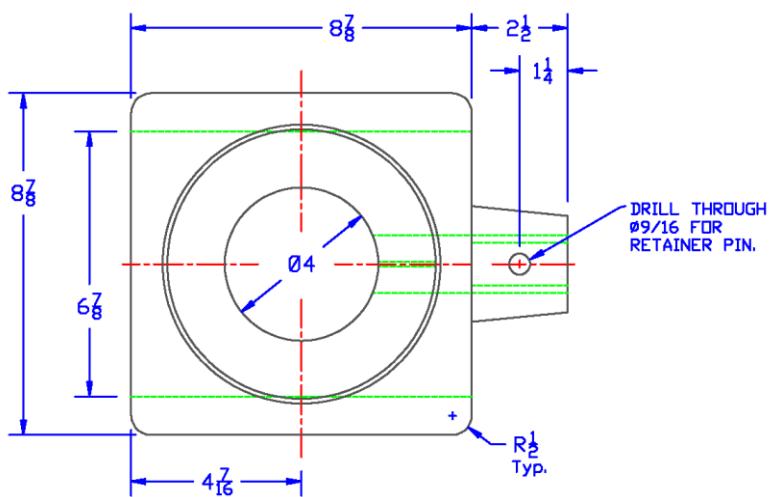
FOOTSHAFT BEARING BLOCK W-4790



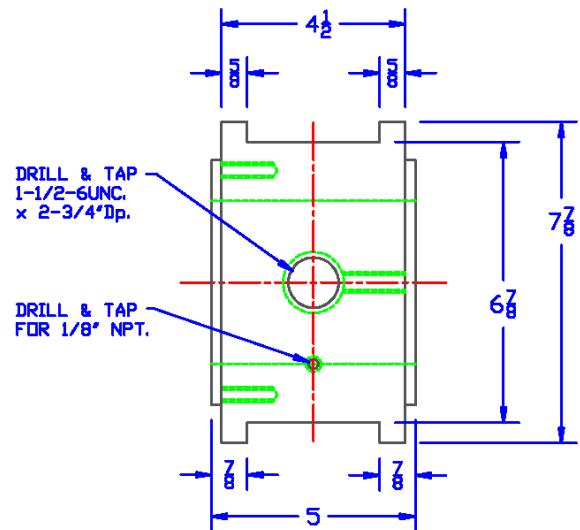
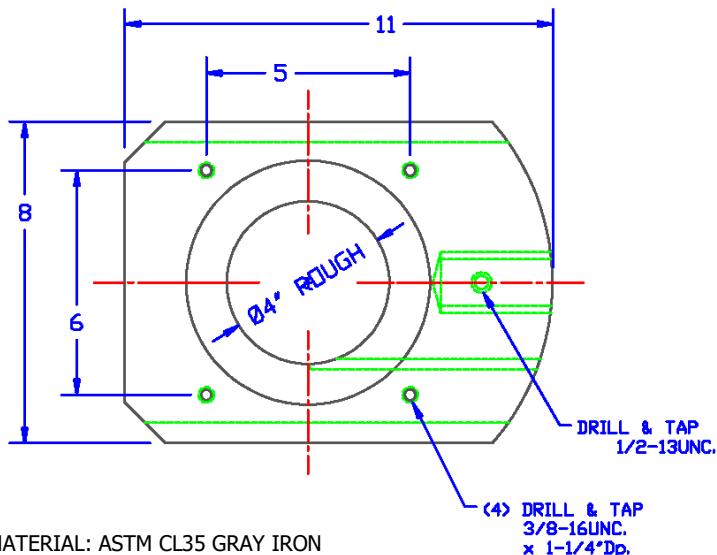
SEC. A-A



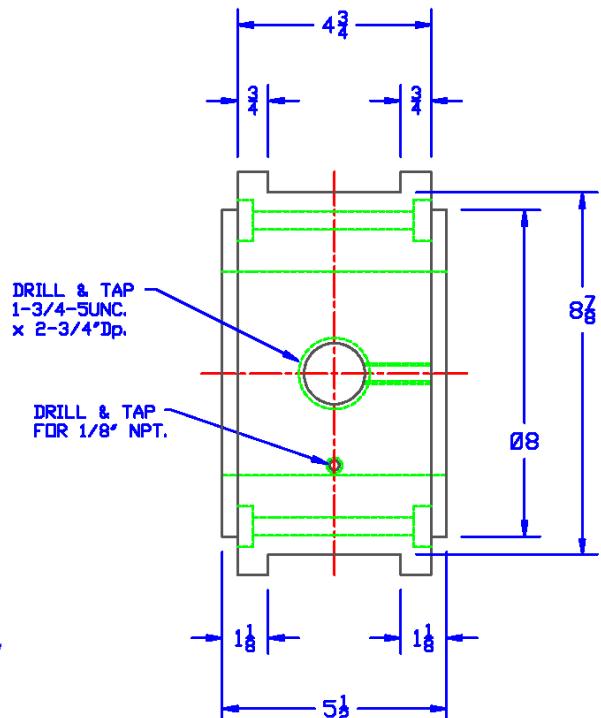
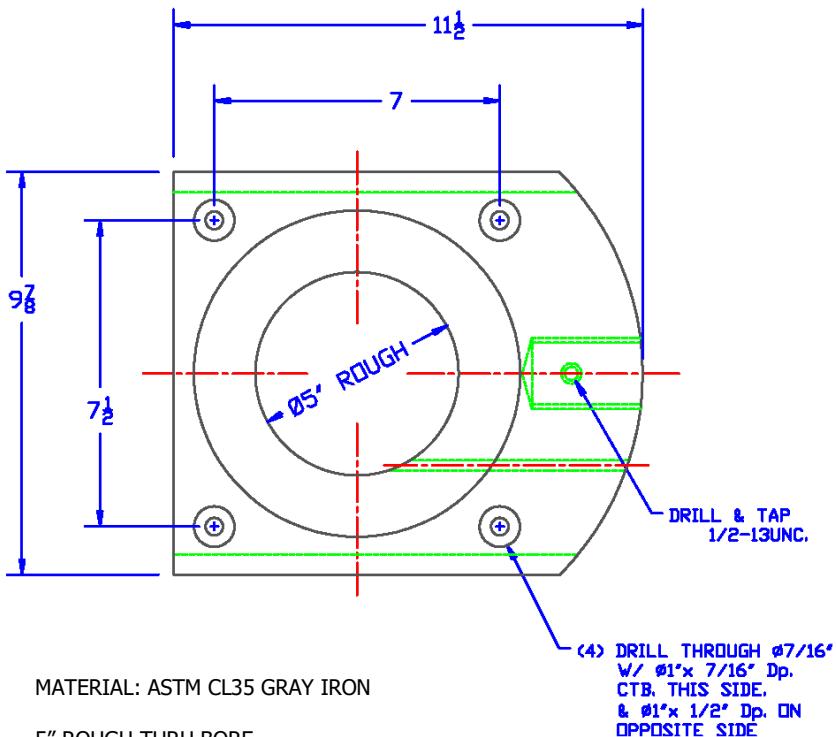
**SMALL FC TAKE-UP HOUSING W-4792  
CASTING WEIGHT 45#**



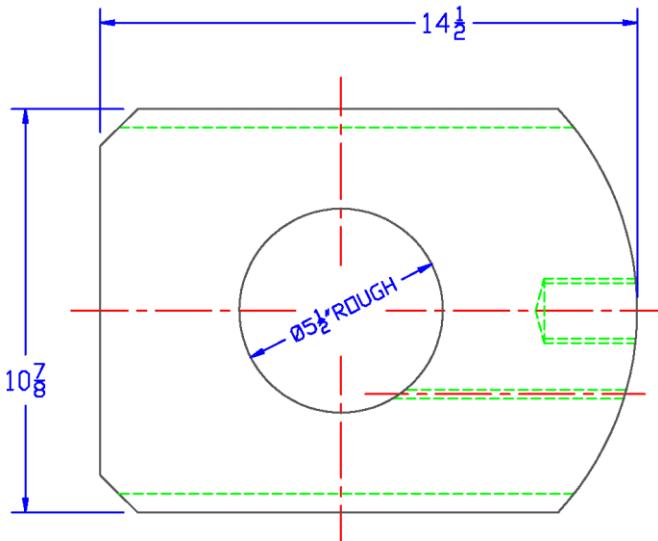
**LARGE FMC TAKE-UP HOUSING W-4876  
CASTING WEIGHT 48#**



**SMALL REX TAKE-UP HOUSING W-4791**  
CASTING WEIGHT 45#

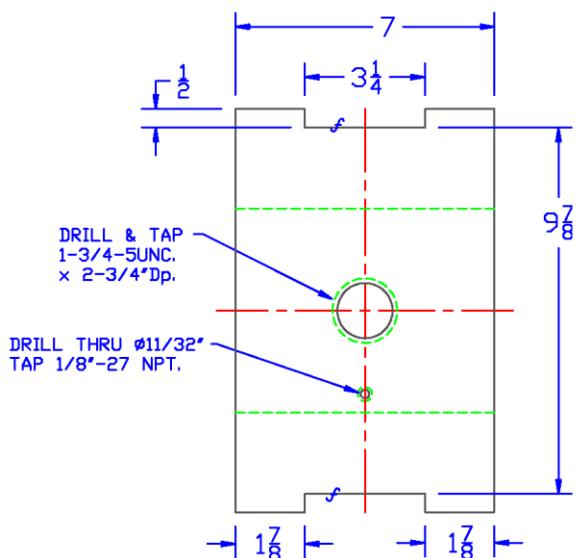


**LARGE REX TAKE-UP HOUSING W-4882**  
CASTING WEIGHT 87#



MATERIAL: ASTM CL35 GRAY IRON

5-1/2" ROUGH THRU BORE  
OR MACHINE FINISH FOR BRONZE BUSHING



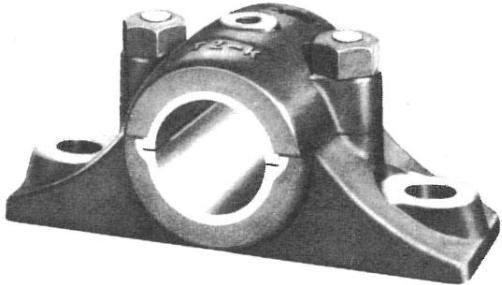
**EXTRA LARGE REX TAKE-UP HOUSING W-4897**



CNC Mills for greater machining accuracy

**PILLOW BLOCKS, BABBITTED & KEY-LOCK BRONZE**

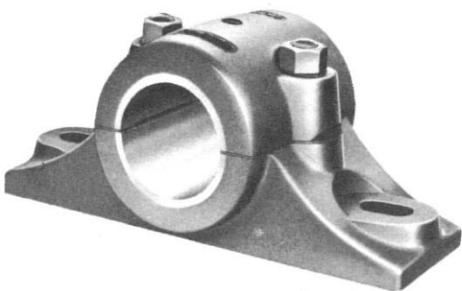
All Brewton Pillow Blocks have machined bases and bearing ends. They are tapped for grease fittings, and provided with grease grooves, to lubricate the full bearing surface. All housings are ASTM A48 Class 35 Gray Iron. Split blocks are furnished with shims for adjustment, and the bearing edges at the split, are beveled so that the lubricant is not scraped off the shaft.



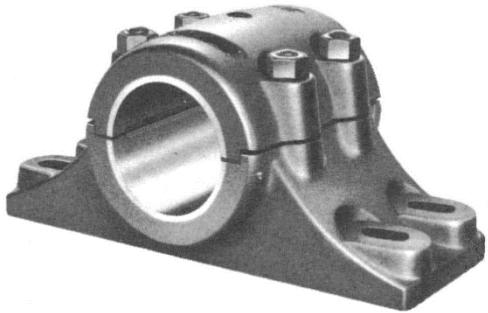
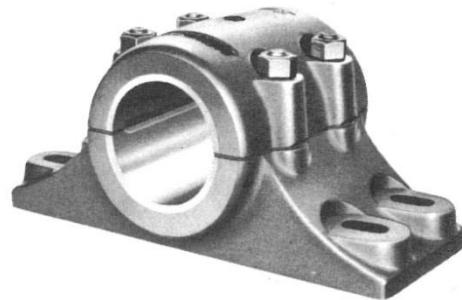
**TYPE K:** Split Babbitted Bearing. Gibs are molded in the babbitt lining. Supplied babbitted only, with two cap bolts and two base mounting holes.



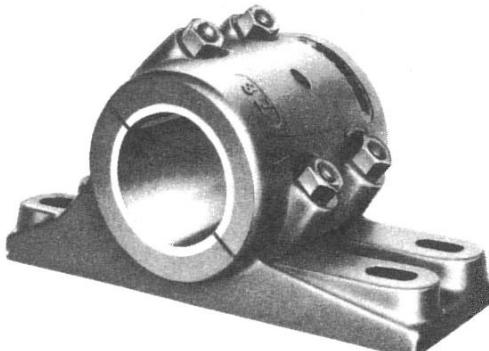
**TYPE J:** Solid Bearing. Supplied with two base mounting holes only. Can be babbitted or bronze bushed.



**TYPE HD:** (Hollow Dowel): A split housing which may be supplied either babbitted or bronze bushed. The hollow dowels relieve cap bolts of side pressure. Furnished with two cap bolts in the lower size range, and four in the upper range. (See Engineering Table.)



**TYPE MG:** Split with Machined Gibs in the iron base and cap, to relieve side pressure. Supplied with four bolts with babbitted liner or split bronze bushing.



**TYPE L:** Split 40° Angle, with hollow dowel pins to align the cap with the base, and to relieve side pressure. Either Babbitted liner or split bronze bushing available.

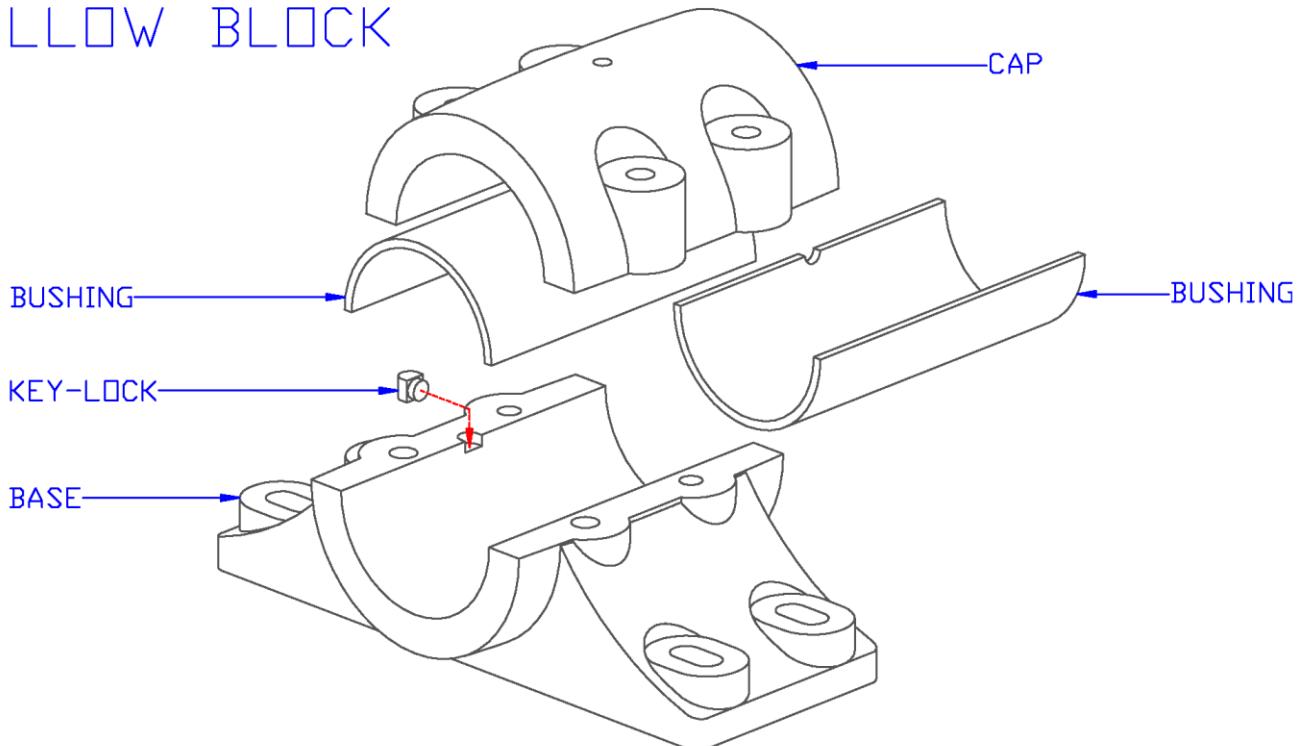
**Brewton Pillow Blocks can be supplied with a variety of liners which include Babbitt, Bronze, Phenolic, and UHMW.**

Babbitt, bronze, or other specified bearing material available. Bearings are available for shafting 1/16" larger in each size listed.

When ordering pillow blocks, specify type and shaft size, in addition to liner required. Brewton designation for Babbitt is BA, and for bronze bushing is BB. Shaft diameter is in 16<sup>th</sup>, i.e. 1-15/16" is written 115. For an angle babbitted pillow block for 1-15/16" shaft, designate L-115-BA.

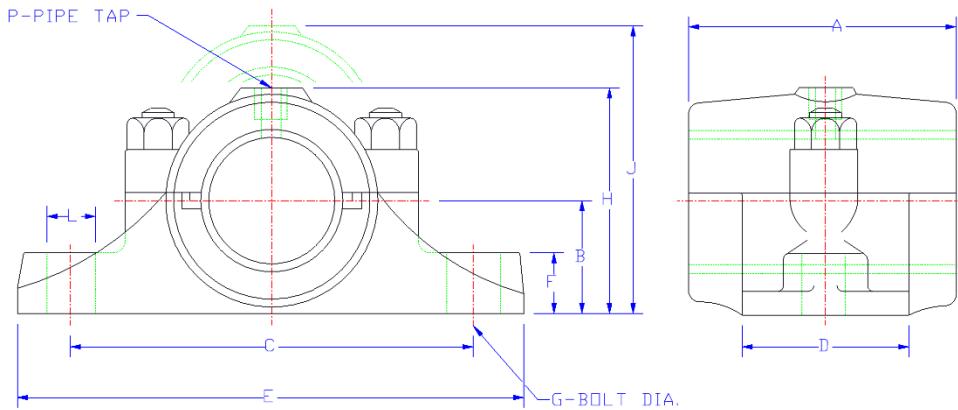
Specifications subject to change without Notice.

KEY-LOCK  
BRONZE BUSHED  
PILLOW BLOCK



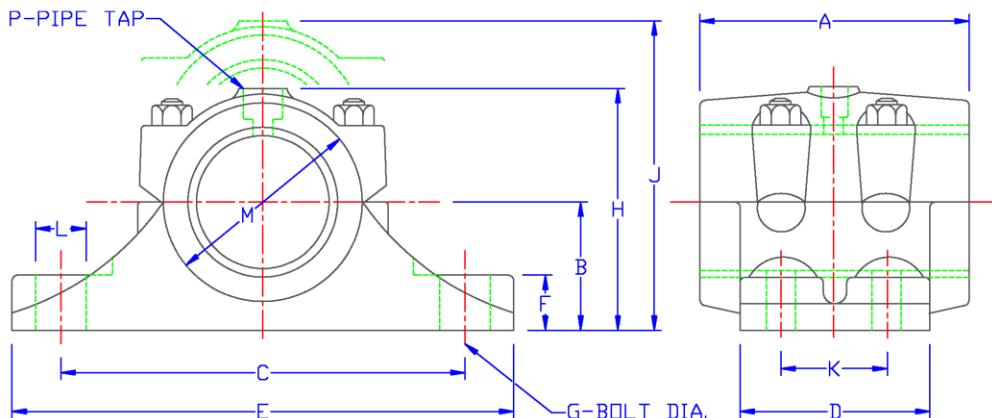
Designed for easy field replacement and minimum down-time. Most suitable for heavy loads, elevated Temperatures, and corrosive conditions.

TYPE K



SHAFT DIA.	WT IN LBS.	K DIMENSIONS IN INCHES											
		A	B	C	D	E	F	G	H	J	L	M	P
15/16	2.3	2	1	3-5/8	1-1/2	4-3/4	9/16	3/8	2	3	9/16	1-7/8	1/8
1-3/16	3.3	2-1/2	1-1/4	4-1/8	1-3/4	5-1/4	5/8	3/8	2-3/8	3-1/2	9/16	2-3/16	1/8
1-7/16	5.0	3	1-3/8	4-7/8	2	6-1/4	3/4	1/2	2-11/16	3-7/8	11/16	2-3/8	1/8
1-15/16	9.3	4	1-3/4	6	2-1/2	7-1/2	15/16	5/8	3-7/16	4-1/2	13/16	3-1/16	1/4
2-7/16	17.0	5	2-1/8	7	3	9-1/4	1-1/8	5/8	4-3/16	5-1/2	15/16	3-3/4	1/4
2-11/16	21.0	5-1/2	2-1/4	7-3/4	3-1/4	10	1-3/16	3/4	4-7/16	6	1-1/16	3-15/16	3/8
2-15/16	27.0	6	2-1/2	8-1/2	3-1/2	10-3/4	1-5/16	3/4	4-15/16	6-3/4	1-1/16	4-3/8	3/8

TYPE HD & KB

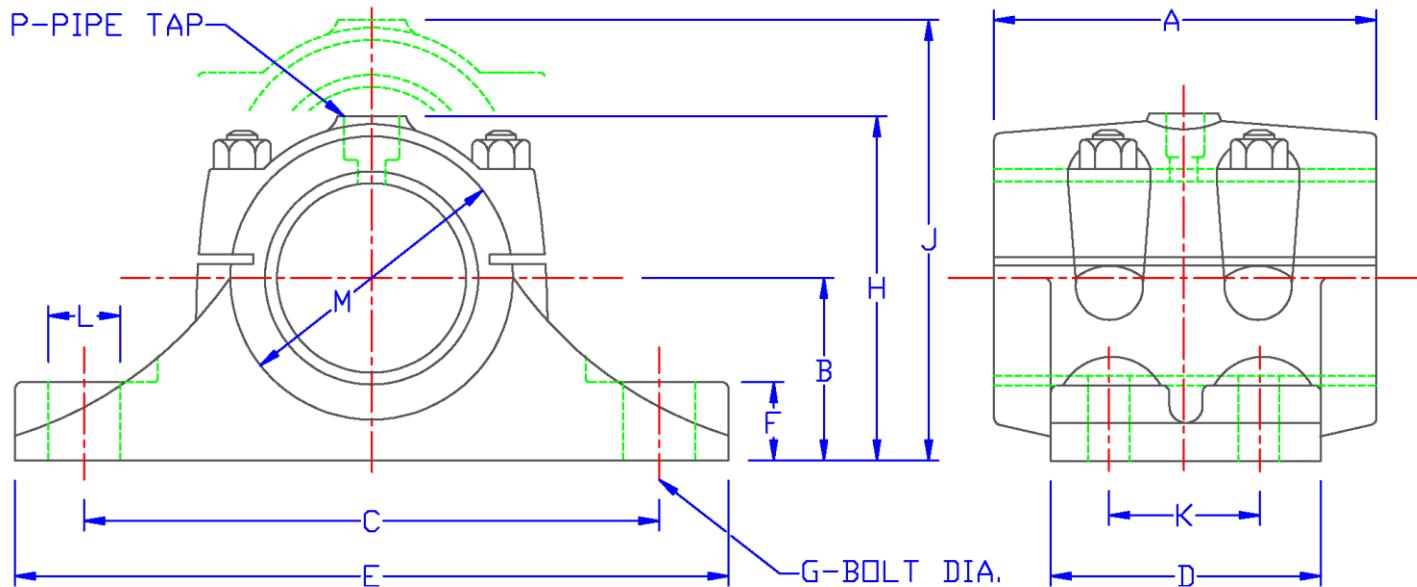


SHAFT DIA.	WT IN LBS.	HD & KB DIMENSIONS IN INCHES											
		A	B	C	D	E	F	G	H	J	K	L	M
1-7/16	5.3	3	1-1/2	5-3/4	2	7-1/2	3/4	1/2	2-7/8	4	◊	13/16	2-9/16
1-15/16	10.5	4	2	7	2-3/4	9	1	5/8	3-3/4	5-1/8	◊	15/16	3-1/4
2-3/16	13.3	4-1/2	2-1/4	7-1/2	3	9-1/2	1-1/8	5/8	4-13/16	5-1/2	◊	1-1/16	3-5/8
2-7/16	17.8	5	2-1/2	8	3-1/4	10-1/4	1-1/8	3/4	4-5/8	6-3/8	◊	1-1/16	3-15/16
2-15/16	29.0	6	2-3/4	9-1/2	4	12-1/4	1-1/4	7/8	5-1/4	7-1/4	◊	1-7/16	4-5/8
3-7/16	43.0	7	3-1/4	10-1/2	5	13	1-3/8	3/4	6-1/8	8-1/4	2-3/4	1-5/16	5-5/16
3-15/16	61.0	8	3-1/2	12	5-1/2	14-3/4	1-1/2	3/4	6-3/4	9	3	1-7/16	6
4-7/16	97.0	9	4-1/8	13-1/2	6-1/4	16-1/2	1-3/4	7/8	7-3/4	10-1/4	3-1/2	1-9/16	6-11/16
4-15/16	123.0	10	4-1/2	15	7	18	1-7/8	7/8	8-1/2	11	4	1-11/16	7-3/8

Ø1-7/16" THRU Ø2-15/16" BEARINGS INCLUSIVE HAVE 2 CAP BOLTS ONLY. Ø3-7/16" BEARINGS AND LARGER HAVE 4 CAP BOLTS.  
TYPE KB IS THE SAME AS TYPE HD, LESS HOLLOW DOWELS

Babbitt, bronze, or other specified bearing material available. Bearings are available for shafting 1/16" larger in each size listed.

TYPE MG

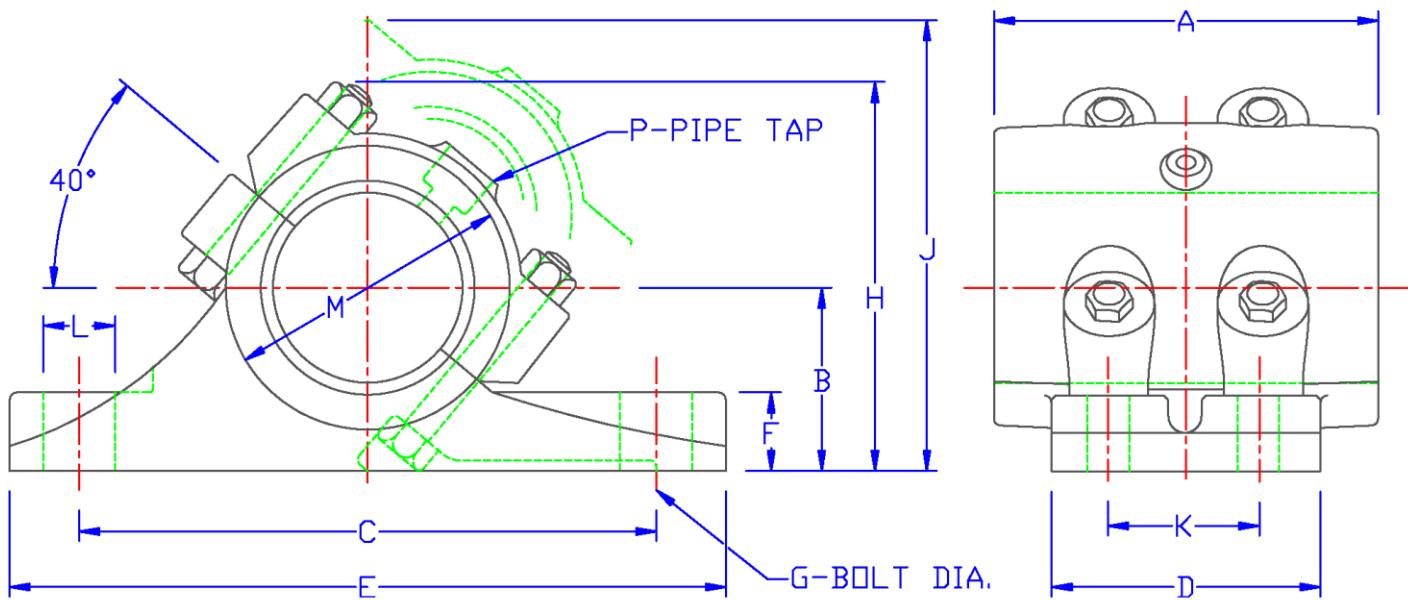


SHAFT DIA.	WT. IN LBS.	DIMENSIONS IN INCHES												
		A	B	C	D	E	F	G	H	J	K	L	M	P
2-7/16	20.0	5	2-1/2	8	4-1/4	10-1/4	1-1/8	5/8	4-5/8	6-3/8	2-1/2	1-1/16	3-15/16	3/8
2-15/16	31.0	6	2-3/4	9-1/2	4-1/4	12-1/4	1-1/4	3/4	5-1/4	7-1/4	2-1/2	1-5/16	4-5/8	3/8
3-7/16	43.0	7	3-1/4	10-1/2	5	13	1-3/8	3/4	6-1/8	8-1/4	2-3/4	1-5/16	5-5/16	1/2
3-15/16	61.0	8	3-1/2	12	5-1/2	14-3/4	1-1/2	3/4	6-3/4	9	3	1-7/16	6	1/2
4-7/16	97.0	9	4-1/8	13-1/2	6-1/4	16-1/2	1-3/4	7/8	7-3/4	10-1/4	3-1/2	1-9/16	6-11/16	1/2
4-15/16	123.0	10	4-1/2	15	7	18	1-7/8	7/8	8-1/2	11	4	1-11/16	7-3/8	1/2
5-7/16	208.0	12	5-1/2	16-1/2	8-1/2	20-1/2	2-1/8	1-1/8	10-1/4	13-1/2	5	2	8-3/4	1/2
5-15/16	200.0	12	5-1/2	16-1/2	8-1/2	20-1/2	2-1/8	1-1/8	10-1/4	13-1/2	5	2	8-3/4	1/2
6-1/2	265.0	13	6	18	9-1/2	22	2-1/4	1-1/8	11	15-1/8	5-1/2	2	9-1/8	1/2
7	315.0	14	6-1/2	19	10	23	2-3/8	1-1/4	11-3/4	15-7/8	6	2	9-3/4	1/2
7-1/2	470.0	16	7	21-1/2	11	26	2-1/2	1-1/4	13-5/16	17-7/8	6-3/4	2-1/4	11-3/8	1/2
8	445.0	16	7	21-1/2	11	26	2-1/2	1-1/4	13-5/16	17-7/8	6-3/4	2-1/4	11-3/8	1/2
9	490.0	16	8	23	11	29	2-3/4	1-1/2	14-7/8	20-3/8	6-3/4	2-3/4	12-1/2	1/2

$\phi$ 1-15/16" THRU  $\phi$ 2-15/16" BEARINGS INCLUSIVE HAVE 2 CAP BOLTS ONLY.  $\phi$ 3-7/16" BEARINGS AND LARGER HAVE 4 CAP BOLTS.

Babbitt, bronze, or other specified bearing material available. Bearings are available for shafting 1/16" larger in each size listed.

## TYPE L

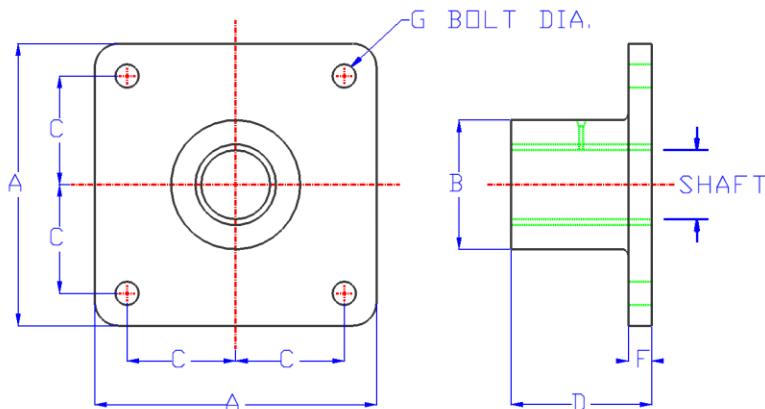


SHAFT DIA.	WT. IN LBS.	DIMENSIONS IN INCHES												
		A	B	C	D	E	F	G	H	J	K	L	M	P
1-15/16	9.5	4	2-1/4	7	2-3/4	9	1	5/8	4-5/8	5-1/2	♦	15/16	3-1/4	1/4
2-3/16	12.5	4-1/2	2-1/2	7-1/2	3	9-1/2	1-1/8	5/8	5-1/8	6	♦	1-1/16	3-5/8	1/4
2-7/16	18.0	5	2-3/4	8	4-1/4	10-1/4	1-1/8	5/8	5-3/4	6-3/4	♦	1-1/16	3-15/16	3/8
2-15/16	31.0	6	3-1/4	9-1/2	4-1/2	12-1/4	1-1/4	3/4	6-3/4	8	♦	1-5/16	4-5/8	3/8
3-7/16	43.0	7	3-1/2	10-1/2	5	13	1-1/2	3/4	7-1/4	8-1/2	2-3/4	1-5/16	5-5/16	1/2
3-15/16	58.0	8	3-3/4	12	5-1/2	14-3/4	1-5/8	3/4	8	9-1/2	3	1-7/16	6	1/2
4-7/16	87.0	9	4-1/8	13-1/2	6-1/4	16-1/2	1-3/4	7/8	8-3/4	10-1/4	3-1/2	1-9/16	6-11/16	1/2
4-15/16	119.0	10	4-1/2	15	7	18	1-7/8	7/8	9-1/2	11-1/2	4	1-11/16	7-3/8	1/2
5-7/16	227.0	12	5-1/2	16-1/2	8-1/2	20-1/2	2-1/8	1-1/8	11-1/2	13-1/2	5	2	8-3/4	1/2 (2)
5-15/16	212.0	12	5-1/2	16-1/2	8-1/2	20-1/2	2-1/8	1-1/8	11-1/2	13-1/2	5	2	8-3/4	1/2 (2)

Ø1-15/16" THRU Ø2-15/16" BEARINGS INCLUSIVE HAVE 2 CAP BOLTS ONLY. Ø3-7/16" BEARINGS AND LARGER HAVE 4 CAP BOLTS.

Babbitt, bronze, or other specified bearing material available. Bearings are available for shafting 1/16" larger in each size listed.

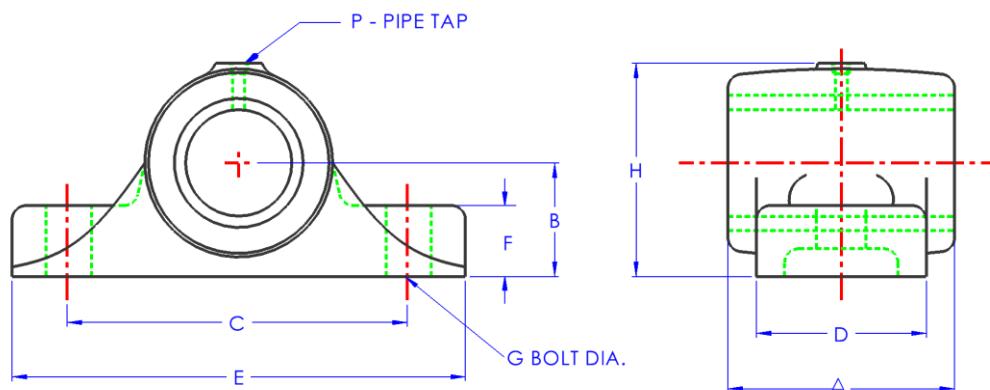
TYPE A



TYPE A

SHAFT DIA.	PATTERN	PIN TAP	WEIGHT IN LBS.	DIMENSIONS IN INCHES					
				A	B	C	D	F	G
1-7/16	3466	1/4	8	5	2-5/8	1-3/4	4	5/8	1/2
1-15/16	3151	1/4	16	7	3-5/8	2-1/4	5	5/8	5/8
2-7/16	68236	3/8	23	6	4-1/4	2-1/4	5-1/4	3/4	3/4
2-15/16	68445	1/2	37	12	5-1/2	4-5/8	6	1	3/4
3-7/16	68446	1/2	60	10	6-1/4	3-1/2	6-1/2	1	1
3-15/16	29428	3/8	90	12	7	4-1/2	7	1	1-1/16

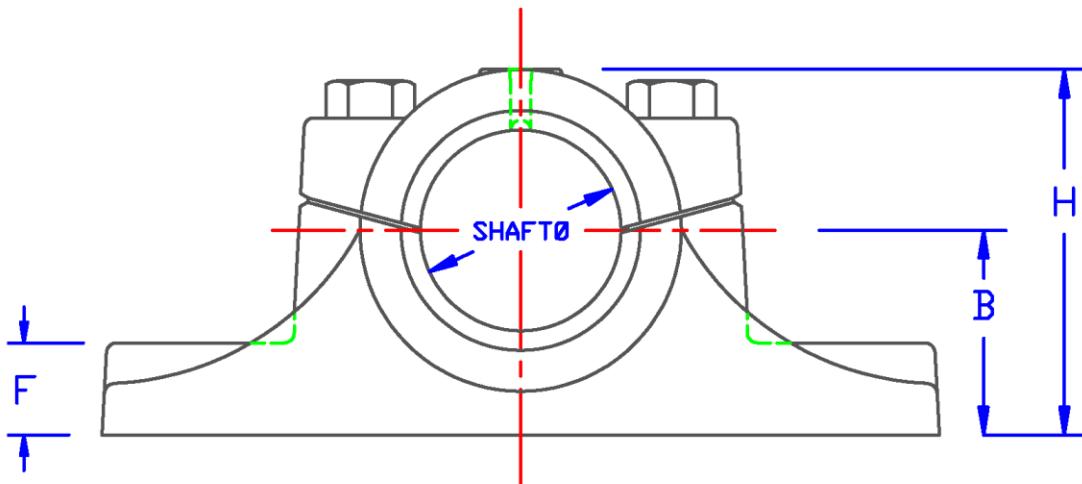
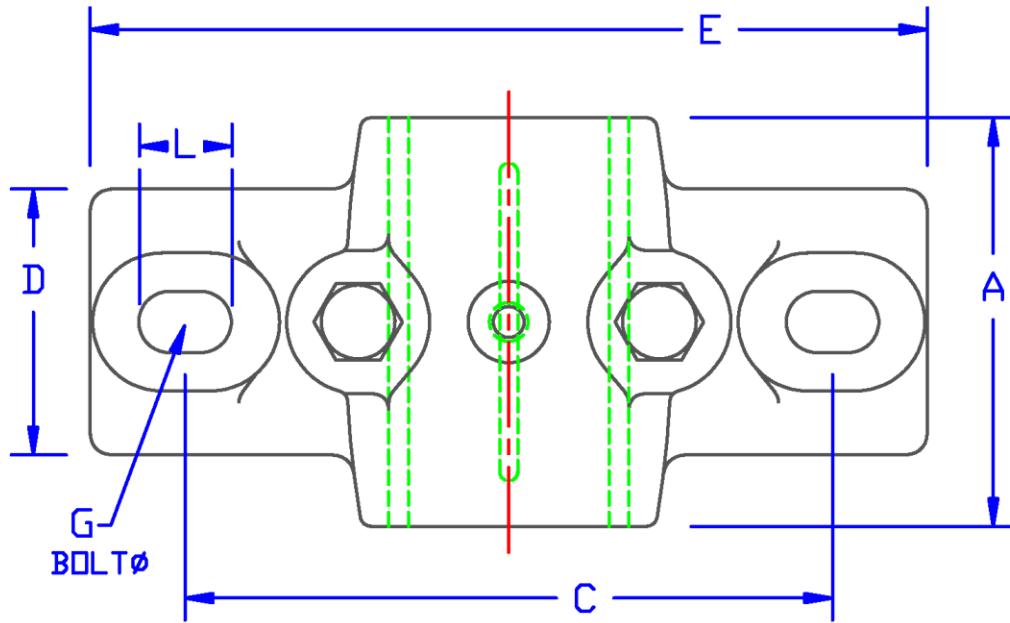
TYPE J



TYPE J

SHAFT DIA.	WEIGHT IN LBS.	DIMENSIONS IN INCHES								
		A	B	C	D	E	F	G	H	P
15/16	1.8	2	1	3	1-1/2	4	5/8	3/8	2	1/8
1-3/16	3.0	2-1/2	1-1/4	3-1/2	1-3/4	4-3/4	3/4	3/8	2-3/8	1/8
1-7/16	4.3	3	1-3/8	4	2	5-1/2	7/8	1/2	2-11/16	1/8
1-11/16	6.3	3-1/2	1-1/2	4-1/2	2-1/4	6-1/4	1	1/2	3	1/4
1-15/16	9.0	4	1-3/4	5-1/4	2-1/2	7	1	5/8	3-7/16	1/4
2-3/16	12.0	4-1/2	1-7/8	5-3/4	2-3/4	7-3/4	1	5/8	3-3/4	1/4
2-7/16	16.0	5	2-1/8	6-1/4	3	8-1/2	1-1/8	5/8	4-3/16	1/4
2-15/16	26.0	6	2-1/2	7-1/2	3-1/2	10	1-3/8	3/4	4-15/16	3/8
3-7/16	39.0	7	2-3/4	8	4	10-3/4	1-1/2	7/8	5-9/16	3/8

Babbitt, bronze, or other specified bearing material available. Bearings are available for shafting 1/16" larger in each size listed.

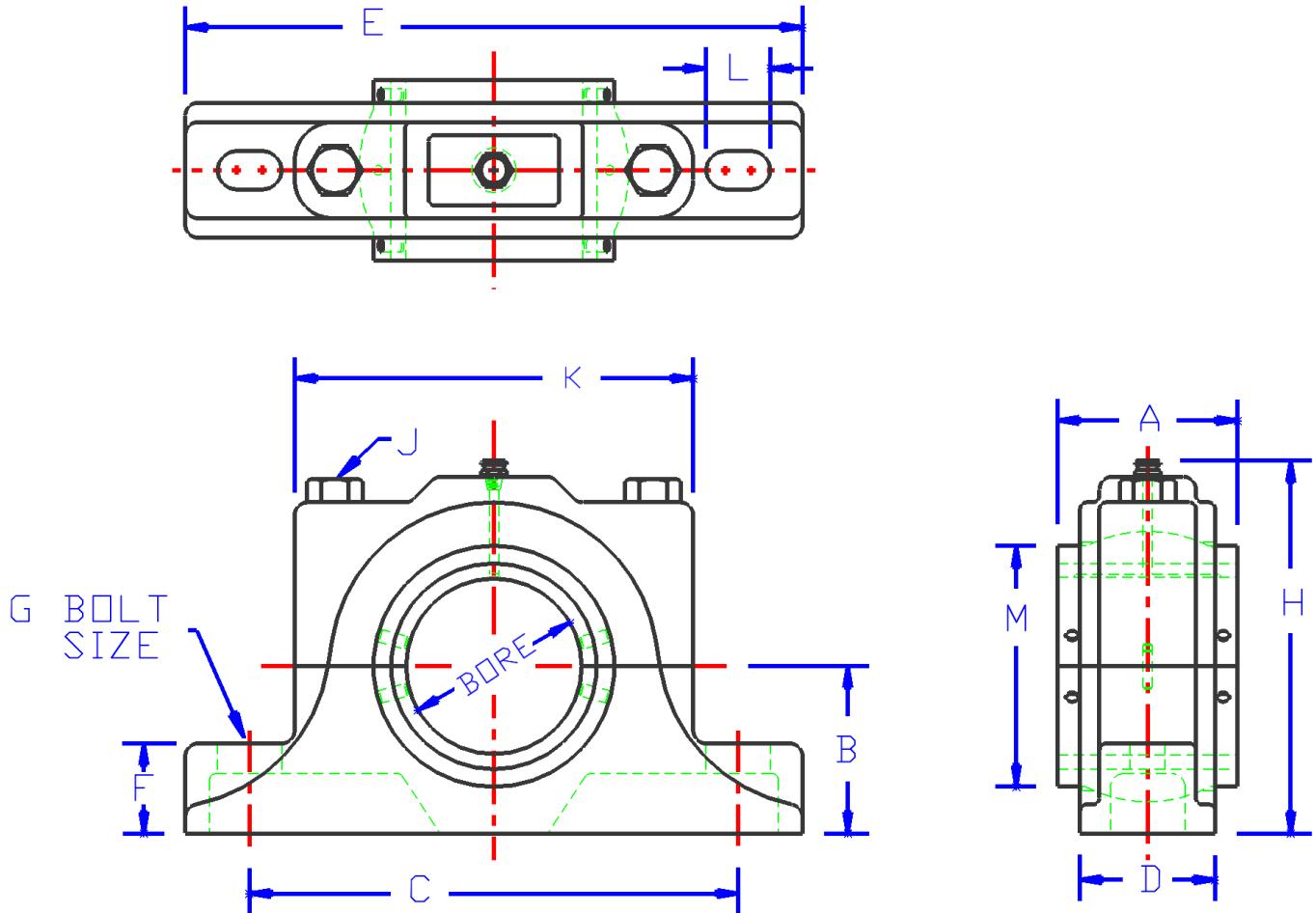


THE ANGULAR PARTING LINE OF CAPS IS PROVIDED WITH SHIMS TO COMPENSATE FOR WEAR AND ADJUSTMENT.

SHAFT	WEIGHT	A	B	C	D	E	F	G	H	L	PIPE TAP
1-7/16	4.0	3	1-3/8	4-7/8	2	6-1/4	3/4	1/2	2-11/16	11/16	1/8
1-15/16	8.0	4	1-3/4	6	2-1/2	7-1/2	7/8	5/8	3-7/16	13/16	1/4
2-7/15	15.0	5	2-1/8	7	3	8-7/8	1-1/8	5/8	4-3/16	1	1/4
2-15/16	22.5	6	2-1/2	8-1/2	3-1/2	10-3/4	1-3/16	3/4	4-7/8	1-1/8	3/8
3-7/16	35.0	7	2-7/8	9-1/4	4	12	1-1/2	7/8	5-5/8	1-3/8	1/2
3-15/16	46.0	8	3-1/8	10-1/2	4-1/2	13-1/2	1-5/8	1	6-3/16	1-1/2	1/2

ALL BEARINGS AVAILABLE WITH BABBITT, BRONZE, UHMW, RYERTEX, OR SPECIAL LINERS

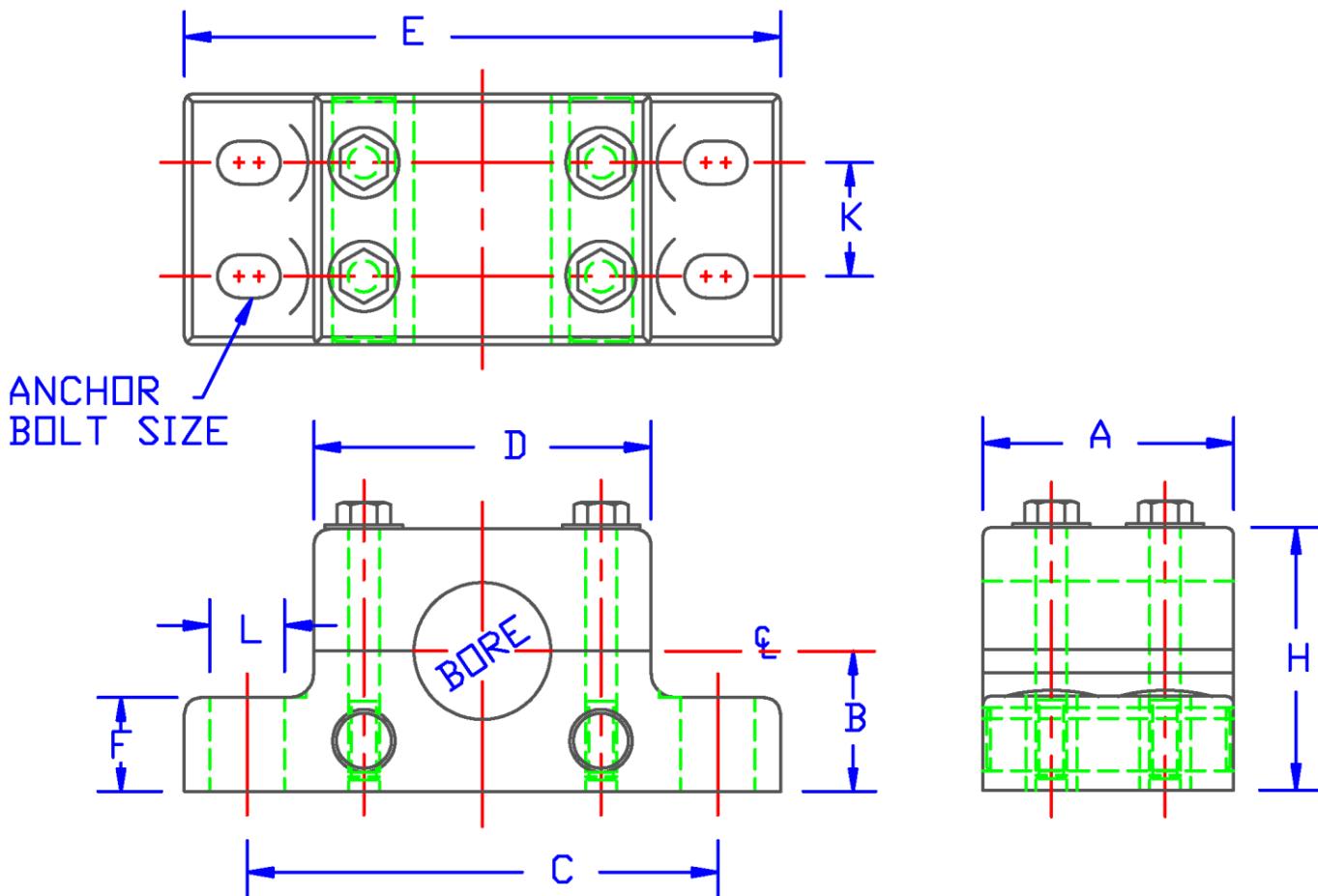
**Brewton Iron Works, LLC    SELF ALIGNING FULLY SPLIT PILLOW BLOCK BEARING**



SHAFT	PART	WT.	A	B	C	D	E	F	G	H	J	K	L	M
1-15/16	SA115	7	2	1-13/16	5-3/8	1-1/2	6-3/4	1	3/8	4	3/8	4-3/8	11/16	2-7/16
2-7/16	SA207	10	2-1/2	2-5/16	6-3/4	1-7/8	8-1/2	1-1/4	7/16	5-3/16	7/16	5-1/2	7/8	3-5/16
2-15/16	SA215	21	3	3-1/4	9	2-1/2	11-1/2	1-1/2	1/2	6-13/16	1/2	7-1/4	1	4-3/16
3-7/16	SA307	23	3-1/2	3-1/4	9-5/8	2-5/8	12	1-3/4	5/8	7-3/16	5/8	7-3/4	1-1/4	4-11/16
3-15/16	SA315	36	4	3-3/4	11-1/4	2-15/16	13-1/2	2	3/4	7-13/16	3/4	8-13/16	1-1/8	5-3/16
4-7/16	SA407	60	4-1/2	4-1/2	13-1/2	3-7/16	16	2-1/4	7/8	9-7/16	7/8	10-3/4	1-5/16	5-15/16

BEARINGS AVAILABLE WITH BABBITT, BRONZE, UHMW, OR PHENOLIC LINERS.

# Brewton Iron Works, LLC ALL UHMW-PE SPLIT PILLOW BLOCK BEARING



SHAFT	PART #	A	B	C	D	E	F	H	K	L	CAP BOLTS	PIN DIA.	MTD. HOLES	ANCH. BOLT
1-15/16	AP115	2-1/2	2	7	5	8-3/4	1-1/4	3-3/4	◊	7/8	1/2	1	2	5/8
2-7/15	AP207	3	2-1/2	8	6	10	1-1/2	4-5/8	◊	1	1/2	1	2	3/4
2-15/16	AP215	4	2-1/4	9-1/2	7	11-1/2	1-1/2	5-1/4	◊	1-1/16	5/8	1-1/4	2	3/4
3-7/16	AP307	4-1/2	3-1/4	10-1/2	8	13	1-3/8	6-1/2	2-3/4	1-1/4	5/8	1-1/4	4	3/4
3-15/16	AP315	5	3-1/2	12	8-1/2	14-3/4	1-3/4	6-3/4	3	1-1/4	5/8	1-1/4	4	7/8
4-7/16	AP407	6	4-1/8	13-1/2	10-1/2	16-1/2	1-3/4	8	3-1/2	1-3/8	3/4	1-3/8	4	7/8
4-15/16	AP415	6	4-1/2	15	11-1/2	18	2	9	3-1/2	1-3/8	3/4	1-3/8	4	7/8

Bearings available SPLIT or SOLID

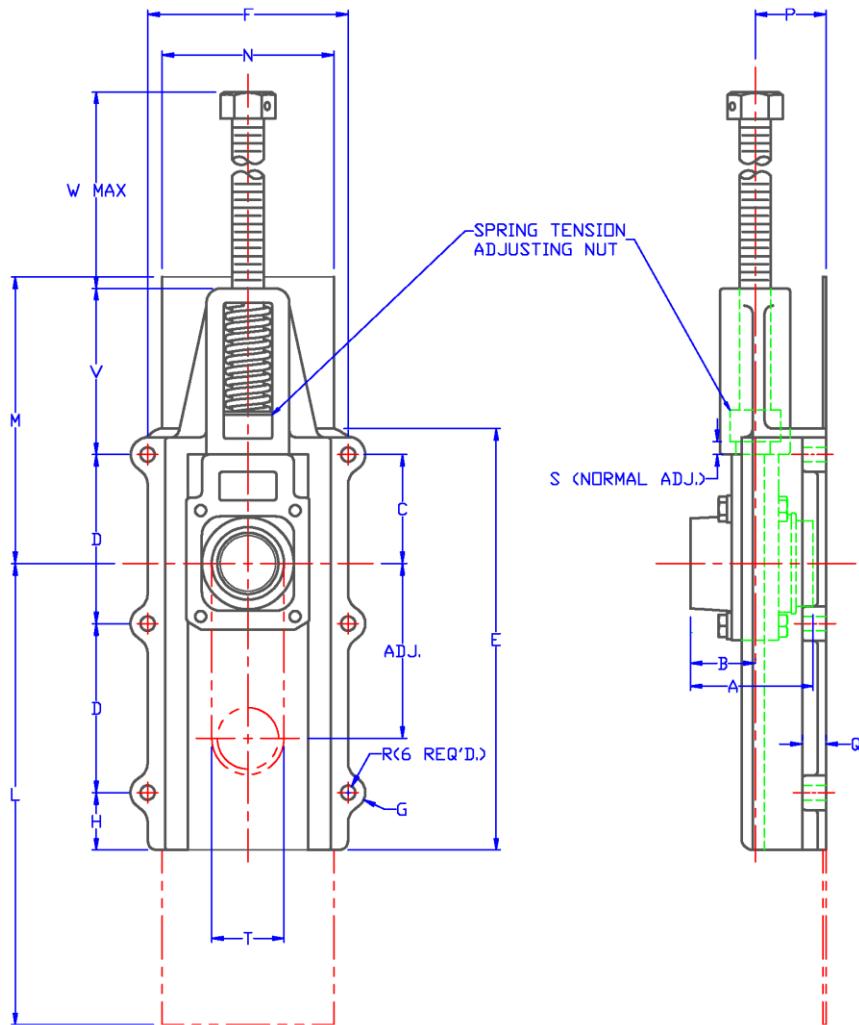
Bore Sizes 2-15/16 and SMALLER have (2) MOUNTING and (2) CAP BOLTS.

Bore Sizes 3-7/16 and LARGER have (4) MOUNTING and (4) CAP BOLTS.

ALL BEARINGS CAN BE SUPPLIED WITH GREASE FITTINGS AND SEALS.

MPTA RADIAL LOAD RATINGS FOR BABBITTED SLEEVE BEARINGS																
SHAFT SIZES	RADIAL LOAD RATING IN LBS. AT VARIOUS REVOLUTIONS PER MINUTE															
	10	50	100	150	200	250	300	350	400	450	500	600	700	800	900	1000
1/2	100	100	100	95	95	95	95	95	90	90	90	85	85	85	80	80
5/8	150	150	145	145	140	140	135	135	135	130	130	125	120	115	110	110
3/4	180	175	175	170	170	165	160	160	155	155	150	145	140	130	125	120
7/8	260	250	250	245	240	235	230	225	220	215	210	200	190	180	150	.....
1-5/16	280	227	265	260	255	250	245	240	235	225	220	210	200	185	105	.....
1	295	290	285	280	270	265	260	250	245	240	230	220	205	.....	.....	.....
1-1/8	415	410	400	390	380	370	355	345	335	325	315	295	245	.....	.....	.....
1-3/16, 1-1/4	440	430	420	410	395	385	375	360	350	340	325	305	190	.....	.....	.....
1-5/16, 1-3/8	585	570	555	535	520	505	485	470	455	435	420	345	.....	.....	.....	.....
1-7/16, 1-1/2	640	625	605	585	565	545	525	500	480	460	440	205	.....	.....	.....	.....
1-11/16, 1-3/4	875	850	820	785	755	720	690	655	625	590	340	.....	.....	.....	.....	.....
1-15/16, 2	1150	1110	1060	1010	965	915	865	815	730	335	.....	.....	.....	.....	.....	.....
2-3/16, 2-1/4	1460	1400	1330	1260	1190	1120	1050	975	410	.....	.....	.....	.....	.....	.....	.....
2-7/16, 2-1/2	1800	1730	1630	1530	1430	1340	1240	645	.....	.....	.....	.....	.....	.....	.....	.....
2-11/16, 2-3/4	2190	2080	1950	1820	1690	1560	1150	110	.....	.....	.....	.....	.....	.....	.....	.....
2-15/16, 3	2600	2470	2300	2130	1960	1790	675	.....	.....	.....	.....	.....	.....	.....	.....	.....
3-7/16, 3-1/2	3550	3330	3060	2790	2520	1200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3-15/16, 4	4640	4310	3910	3500	2760	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4-7/16, 4-1/2	5870	5410	4830	4250	1410	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4-15/16, 5	7240	6600	5810	5010	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5-7/16, 5-1/2	8750	7900	6840	4360	AMBIENT TEMPERATURE SHOULD NOT EXCEED 130°											
5-15/16, 6	10410	9300	7910	2390												
6-7/16, 6-1/2	12200	10790	9020	.....												
6-15/16, 7	14120	12360	10150	.....												
7-7/16, 7-1/2	17270	14950	12050	.....												
7-15/16, 8	18390	15750	10710	.....												

MPTA RADIAL LOAD RATINGS FOR BRONZE BUSHED SLEEVE BEARINGS																
SHAFT SIZES	RADIAL LOAD RATING IN LBS. AT VARIOUS REVOLUTIONS PER MINUTE															
	10	50	100	150	200	250	300	350	400	450	500	600	700	800	900	1000
1/2	170	170	165	165	165	165	165	160	160	160	160	155	155	150	150	145
5/8	250	250	245	245	245	240	240	235	235	235	230	225	220	220	215	210
3/4	300	300	295	295	290	285	285	280	280	275	270	265	260	255	250	240
7/8	435	430	425	420	415	410	405	400	395	390	385	375	365	355	325	245
1-5/16	465	460	455	450	445	435	430	425	420	415	410	395	385	375	295	200
1	495	490	485	480	470	465	460	450	445	440	430	420	405	360	255	150
1-1/8	700	690	680	670	660	650	640	630	620	605	595	575	525	360	195	.....
1-3/16, 1-1/4	735	730	715	705	695	680	670	660	645	635	625	600	485	300	115	.....
1-5/16, 1-3/8	980	965	950	930	915	895	880	865	845	830	815	735	465	195	.....	.....
1-7/16, 1-1/2	1070	1050	1030	1010	995	975	955	935	915	895	875	635	315	.....	.....	.....
1-11/16, 1-3/4	1470	1440	1410	1370	1340	1310	1280	1240	1210	1180	930	410	.....	.....	.....	.....
1-15/16, 2	1920	1880	1830	1790	1740	1690	1640	1590	1500	1110	715	.....	.....	.....	.....	.....
2-3/16, 2-1/4	2440	2390	2320	2240	2170	2100	2030	1960	1390	830	265	.....	.....	.....	.....	.....
2-7/16, 2-1/2	3020	2940	2850	2750	2650	2560	2460	1860	1090	.....	.....	.....	.....	.....	.....	.....
2-11/16, 2-3/4	3660	3560	3430	3300	3170	3040	2620	1580	545	.....	.....	.....	.....	.....	.....	.....
2-15/16, 3	4370	4230	4060	3890	3720	3550	2440	.....	.....	.....	.....	.....	.....	.....	.....	.....
3-7/16, 3-1/2	5960	5740	5470	5200	4930	3610	1440	.....	.....	.....	.....	.....	.....	.....	.....	.....
3-15/16, 4	7790	7460	7060	6650	5910	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4-7/16, 4-1/2	9860	9400	8820	8240	5400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4-15/16, 5	12180	11540	10740	9950	4090	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5-7/16, 5-1/2	14740	13880	12820	10340	1820	AMBIENT TEMPERATURE SHOULD NOT EXCEED 300°										
5-15/16, 6	17530	16420	15040	9520	.....											
6-7/16, 6-1/2	20560	19150	17390	7900	.....											
6-15/16, 7	23840	22070	19870	5350	.....											
7/16, 7-1/2	29170	26850	23950	1880	.....											
7-15/16, 8	31090	28450	23410	.....	.....											

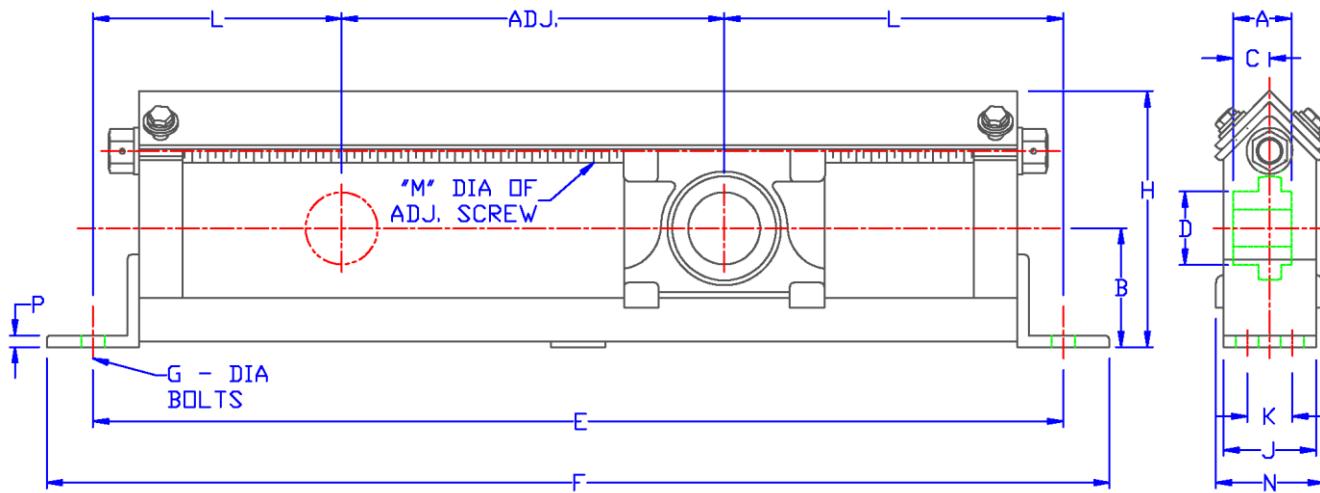


TYPE CU COMPENSATING TAKE-UPS FOR USE ON ELEVATOR BOOT SECTIONS

SHAFT DIA.	ADJ.	BABBITED BEARING		BALL BEARING		ROLLER BEARING	
		DIMENSIONS IN INCHES		DIMENSIONS IN INCHES		DIMENSIONS IN INCHES	
		A	B	A	B	A	B
1-3/16	5	3-3/4	1-7/8	1-1/2	7/8		
1-7/16	6-1/2	3-3/4	1-7/8	1-11/16	1	2-7/8	1-25/32
1-15/16	8	4-1/4	2-1/8	2-1/32	1-9/32	3-1/8	1-29/32
2-7/16	10	4-7/8	2-7/16	2-9/16	1-9/16	3-1/2	2-3/16
2-15/16	12	5-5/8	2-13/16	2-7/8	1-13/16	4	2-7/16

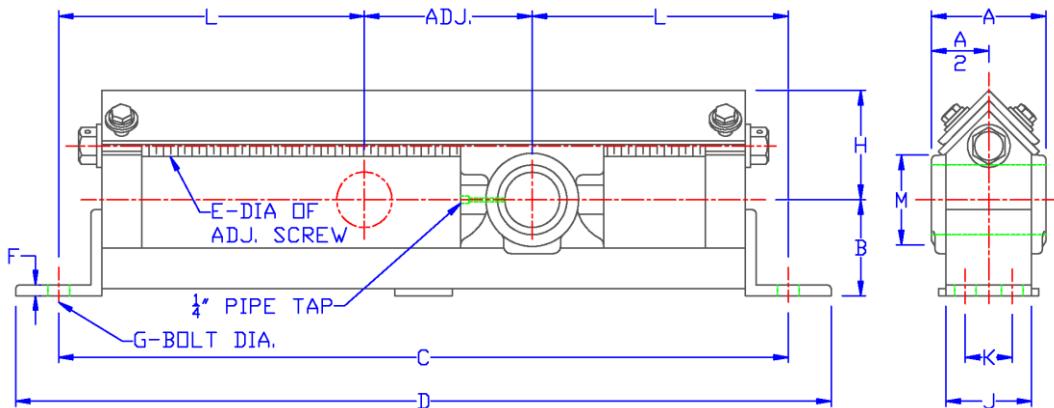
SHAFT DIA	ADJ.	WT. IN LBS.	DIMENSIONS IN INCHES															
			C	D	E	F	G	H	L	M	N	P	Q	R	S	T	V	W
1-3/16	5	26	2-7/8	4-1/2	11-5/16	6-1/2	7	1-3/4	11-1/4	6-1/4	5-3/8	2-5/8	3/4	3/8	1/2	1-1/2	4-7/8	6-7/8
1-7/16	6-1/2	28	2-7/8	4-1/2	11-5/16	6-1/2	9/16	1-3/4	13-3/4	7-5/8	5-3/8	2-5/8	3/4	3/8	1/2	1-3/4	4-7/8	7
1-15/16	8	45	3-1/2	5-3/4	14-3/8	7-1/4	5/6	2-1/4	18-1/4	6-1/4	2-13/16	7/8	1/2	7/16	2-1/4	6-1/4	9-1/8	
2-7/16	10	67	4-3/4	7-3/8	18-3/8	8-3/4	3/4	2-1/2	22-1/2	12-1/2	7-5/8	3-3/16	1-1/32	1/2	11/16	2-3/4	7-1/4	11-5/8
2-15/16	12	111	5-5/8	9	22-3/4	10-1/8	7/8	3-1/8	27-1/2	15-1/2	8-1/2	3-5/8	1-1/8	5/8	3/4	3-1/4	9-7/8	13-1/4

When ordering take-ups, specify type, shaft size, and length of adjustment. Specifications subject to change without notice. Short adjustment is furnished unless otherwise specified.



SHAFT DIA.	*ADJ. WEIGHT IN LBS	BALL BEARING—STYLE 2CDS2				DIMENSIONS IN INCHES										
		DIMENSIONS IN INCHES				E	F	G	H	J	K	L	M	N	P	
		A	B	C	D											
1-15/16	12	41	2-1/32	3-5/16	1-9/32	3-1/8	26-1/2	28-1/2	5/8	8-1/4	3-5/8	◊	7-1/4	3/4	4-1/8	3/8
	18	46					32-1/2	34-1/2								
	24	51					38-1/2	40-1/2								
2-7/16	12	52	2-9/16	4-3/8	1-9/16	3-15/16	28-1/2	30-1/2	3/4	9-3/8	3-5/8	◊	8-1/4	7/8	4-1/4	3/8
	18	59					34-1/2	36-1/2								
	24	66					40-1/2	42-1/2								
	30	73					46-1/2	48-1/2								
2-15/16	12	90	2-7/8	5-1/8	1-13/16	4-5/8	30-1/2	32-1/2	5/8	10-3/16	4-5/8	2	9-1/4	1	5-1/4	1/2
	18	100					36-1/2	38-1/2								
	24	110					42-1/2	44-1/2								
	30	120					48-1/2	50-1/2								
3-7/16	12	102	3-3/16	5-3/8	2	5-3/16	32	34-1/2	3/4	12-1/2	4-5/8	2	10	1-1/8	5-3/4	1/2
	18	117					38	40-1/2								
	24	132					44	46-1/2								
	30	142					50	52-1/2								
3-15/16	12	164	3-7/8	7	2-1/2	5-15/16	36	38-1/2	3/4	14-7/8	5-3/4	2-1/2	12	1-1/4	7	1/2
	18	175					42	44-1/2								
	24	185					48	50-1/2								
	30	196					54	56-1/2								

When ordering take-ups, specify type, shaft size, and length of adjustment. Specifications subject to change without notice. \* Short adjustment is furnished unless otherwise specified. ◊ Two base bolts only.



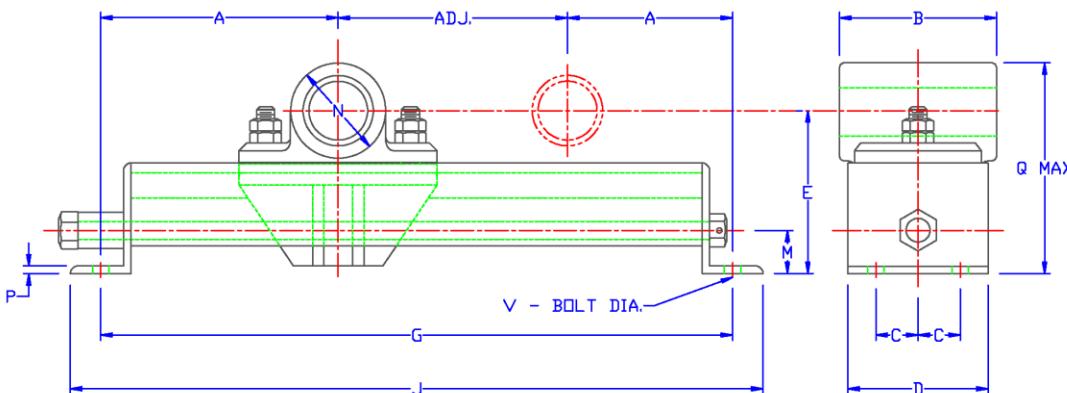
## TYPE DS PROTECTED SCREW TAKE-UPS

SHAFT DIA.	*ADJ.	WEIGHT IN LBS	DIMENSIONS IN INCHES											
			A	B	C	D	E	F	G	H	J	K	L	M
1-7/16	12	21	3	2-1/4	24	25-3/4	5/8	5/16	1/2	3-1/8	2	◊	6	2-1/8
	18	24			30	31-3/4								
1-15/16	12	39	4	3-1/2	26-1/2	28-1/2	3/4	3/8	5/8	3-5/8	3-5/8	◊	7-1/4	3-1/16
	18	44			32-1/2	34-1/2								
	24	49			38-1/2	40-1/2								
2-7/16	12	52	5	3-1/2	28-1/2	30-1/2	7/8	3/8	3/4	4-1/4	3-5/8	◊	8-1/4	3-3/4
	18	63			34-1/2	36-1/2								
	24	70			40-1/2	42-1/2								
	30	77			46-1/2	48-1/2								
2-15/16	12	90	6	4-1/8	30-1/2	32-1/2	1	1/2	5/8	5	4-5/8	2	9-1/4	4-3/8
	18	100			36-1/2	38-1/2								
	24	110			42-1/2	44-1/2								
	30	120			48-1/2	50-1/2								
3-7/16	12	107	7	4-1/2	32	34-1/2	1-1/8	1/2	3/4	5-1/2	4-5/8	2	10	5
	18	117			38	40-1/2								
	24	127			44	46-1/2								
	30	137			50	52-1/2								
3-15/16	12	147	8	5	36	38-1/2	1-1/4	1/2	3/4	6-3/8	5-3/4	2-1/2	12	5-11/16
	18	163			42	44-1/2								
	24	185			48	50-1/2								
	30	198			54	56-1/2								
4-7/16	12	248	10-3/8	6-1/4	40-3/4	44-1/4	1-1/2	3/4	1-1/8	7-3/8	7-7/8	5	14-3/8	6-3/8
	18	264			46-3/4	50-1/4								
	24	281			52-3/4	56-1/4								
	30	298			58-3/4	62-1/4								
4-15/16	12	343	11-1/2	6-7/8	44-1/2	48	1-3/4	5/8	1-1/8	8-1/2	8-15/16	5-1/2	16-1/4	7-1/8
	18	364			50-1/2	54								
	24	385			56-1/2	60								
	30	406			62-1/2	66								
5-7/16	12	427	12-5/8	7-1/2	48-1/2	52-1/2	2	3/4	1-1/4	9-5/16	10	5-1/2	18-1/4	7-7/8
	18	450			54-1/2	58-1/2								
	24	473			60-1/2	64-1/2								
	30	496			66-1/2	70-1/2								

When ordering take-ups; specify type, shaft size, and length of adjustment. Specifications subject to change without notice.

\* Short adjustment is furnished unless otherwise specified. Type DS take-ups with 18" adjustment or more have center pad welded to bottom.

◊ Two base bolts only



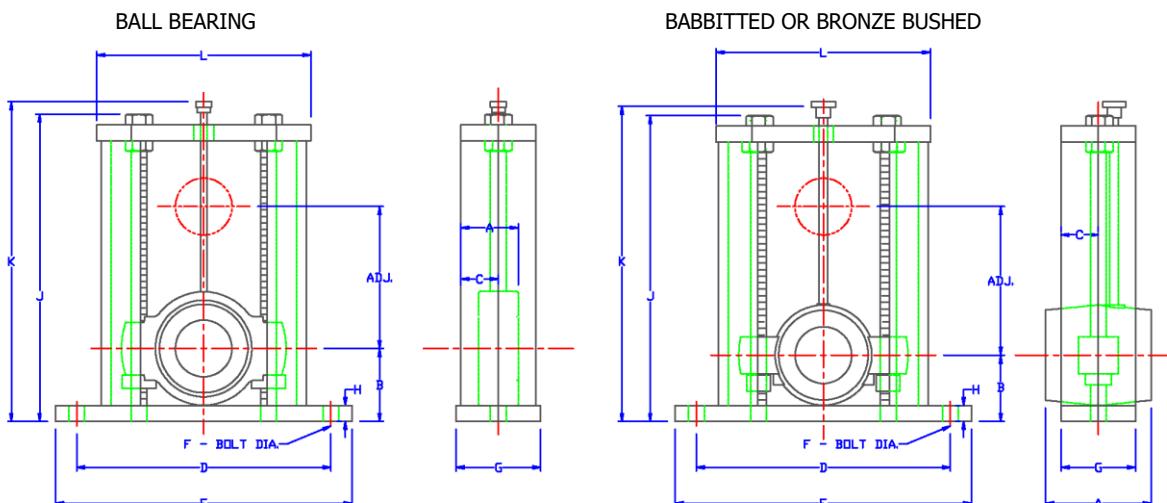
## TYPE SD TAKE-UPS WITH RIGID BABBITTED BEARINGS

SHAFT DIA.	*ADJ.	WEIGHT IN LBS.	DIMENSIONS IN INCHES											
			A	B	C	D	E	G	J	M	N	P	Q	V
1-15/16	11-5/8	41	4-11/16	5-1/2	1-1/4	4-5/16	5-5/16	21	22-3/4	1-7/16	3-1/8	1/4	9-1/8	1/2
	17-5/8	45-1/2												
2-7/16	11-1/4	69	5-7/8	6-1/2	1-3/4	5-13/16	6-1/8	23	26-3/8	1-3/4	3-7/8	5/16	10-9/16	5/8
	17-1/4	77												
	23-1/4	85												
2-15/16	11-1/4	77	5-7/8	8	1-3/4	5-13/16	6-1/2	23	26-3/8	1-3/4	4-1/2	5/16	11-9/16	5/8
	17-1/4	80-1/2												
3-7/16	10-3/4	128-1/2	7	9-1/2	2-1/8	8-5/16	7-1/2	24-3/4	27-3/4	2-1/16	5-1/8	3/8	12-9/16	3/4

When ordering take-ups; specify type, shaft size, and length of adjustment. Specifications subject to change without notice.

\* Short adjustment is furnished unless otherwise specified. Type DS take-ups with 18" adjustment or more have center pad welded to bottom.

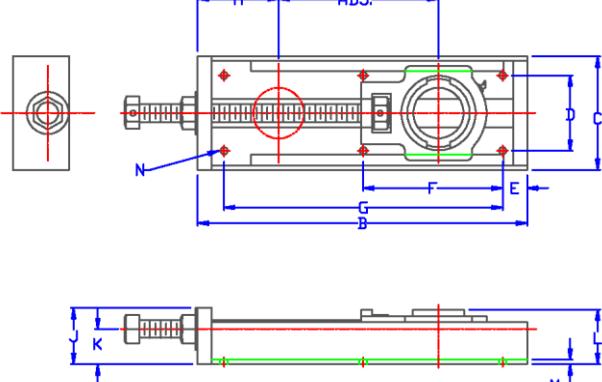
◊ Two base bolts only



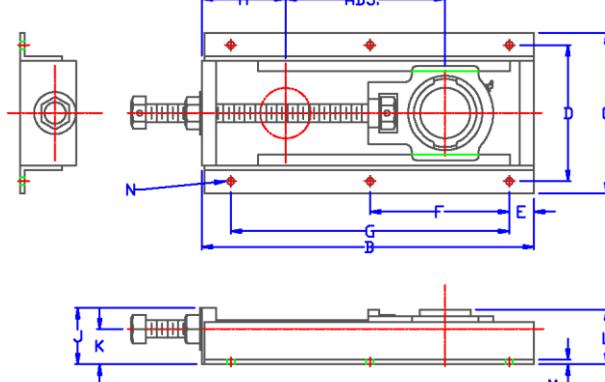
## TYPE SG TAKE-UPS

SHAFT DIA.	BALL BEARING				BABBIT OR BRONZE				PIPE TAP SIZE	DIMENSIONS IN INCHES									
	ADJ	WT	DIMENSIONS		ADJ	WT	DIMENSIONS			D	E	F	G	H	J	K	L		
			A	B			A	B											
1-15/16	7	21	2-3/32	2-3/4	1-9/32	7-1/2	35	4	2-1/2	2	1/4	10-1/2	12	5/8	2-3/4	1/2	13-1/16	13-3/4	9
2-7/16	7	38	2-1/2	3-1/2	1-9/16	7-5/8	55	5	3-1/8	2-1/2	1/4	12	14	3/4	3-1/2	3/4	14-5/8	14-15/16	10-1/8
2-15/16	8	54	2-15/16	4	1-13/16	8-3/4	75	6	3-5/8	3	3/8	13-3/4	15-3/4	7/8	4	3/4	16-5/8	17	12
3-7/16	8	75	3-5/16	4-1/2	2	9	100	7	4	3-1/2	1/2	15-3/4	18-1/4	1	4-1/2	3/4	17-3/4	17-15/16	13-1/2
3-15/16	10	102	3-11/16	5-5/16	2-1/2	12	135	8	4-3/8	4	1/2	17-1/2	20	1	5	3/4	21-1/2	22	15-1/2

TYPE AI



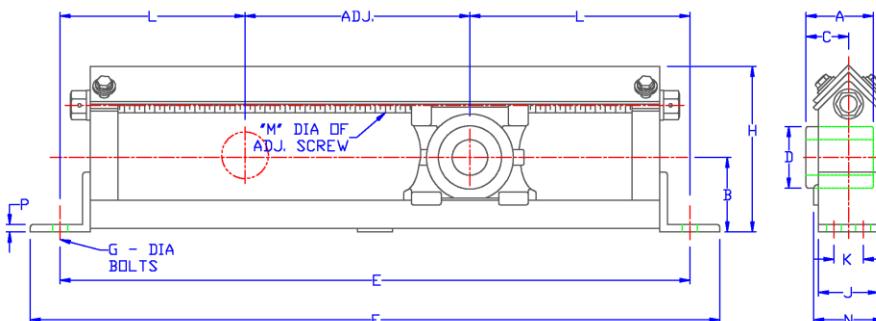
TYPE AO



## TYPE AI AND AO CENTER-LINE PULL TAKE-UPS (BALL BEARING)

SHAFT DIA.	A	B	TYPE AI		TYPE AO		E	F	G	H	J	K	L	M	N
			C	D	C	D									
1-3/16	9	15-7/8	5	3-1/2	7-11/16	6-3/16	1-1/2	6-7/16	12-7/8	3-7/8	2-1/2	1-3/4	2-5/8	3/16	1/2
1-7/16	9	15-7/8	5	3-1/2	7-11/16	6-3/16	1-1/2	6-7/16	12-7/8	3-7/8	2-1/2	1-3/4	2-23/32	3/16	1/2
1-15/16	9	17	5-13/16	4-1/16	9-3/8	7-3/8	1-1/2	7	14	5	3	2-1/8	3-1/4	1/4	1/2
2-7/16	12	22-11/16	7-1/4	5-1/16	10-5/8	8-7/8	1-3/4	6-3/8	19-1/8	6-1/4	3-1/2	2	3-3/8	5/16	1/2
2-15/16	12	23-1/2	8-1/16	5-3/8	11-7/16	9-11/16	1-3/4	6-5/8	19-7/8	6-7/8	4	2-1/2	4-3/16	5/16	1/2

Note: 6-bolt pattern for 1-3/16 thru 1-15/16. 8-bolt pattern for 2-7/16 thru 2-15/16.



SHAFT DIA.	*ADJ.	ROLLER BEARING—TYPE 4CDS2				DIMENSIONS IN INCHES										
		WT IN LBS.	DIMENSIONS IN INCHES			E	F	G	H	J	K	L	M	N	P	
			A	B	C											
1-15/16	12	41	2-7/8	3-15/16	1-7/8	2-7/8	26-1/2	28-1/2	5/8	8-1/4	3-5/8	◊	7-1/4	3/4	4-1/8	3/8
	18						32-1/2	34-1/2								
	24						38-1/2	40-1/2								
2-7/16	12	57	3-3/8	4-3/8	2-1/8	4	28-1/2	30-1/2	3/4	9-3/8	3-5/8	◊	8-1/4	7/8	4-1/4	3/8
	18	68					34-1/2	36-1/2								
	24	74					40-1/2	42-1/2								
	30	80					46-1/2	48-1/2								
	36	88					52-1/2	54-1/2								
2-15/16	12	85	3-5/8	5-1/8	2-3/8	4-1/2	30-1/2	32-1/2	5/8	10-13/16	4-5/8	2	9-1/4	1	5 1/4	1/2
	18	93					36-1/2	38-1/2								
	24	101					42-1/2	44-1/2								
	30	109					48-1/2	50-1/2								
	36	128					54-1/2	56-1/2								

Brewton Iron Works LLC will not knowingly sell their products for use on equipment which is used in the transportation of people. Specifications in this catalog are subject to change without notice. When ordering take-ups, specify type, shaft size, and length of adjustment. \* Short adjustment is furnished unless otherwise specified. ◊ Two base bolts only

P/N	DESCRIPTION	PAGE NO.
W-823	8" D/F WHEEL & IDLER	120
W-824	10" D/F WHEEL & IDLER	120
W-1221	8-1/4" TRAM WHEEL	114
W-1312	12" D/F WHEEL & IDLER	121
W-1626	14" D/F WHEEL & IDLER	121
W-1655	3-1/2" ROLLER	116
W-1684	8" D/F WHEEL & IDLER	120
W-1685	10" D/F WHEEL & IDLER	121
W-1729	10" S/F WHEEL & IDLER	118
W-1736	6-3/8" TRAM WHEEL	114
W-1744	18" P/F WHEEL & IDLER	117
W-1746	13-3/4" D/F WHEEL & IDLER	121
W-1779A	9-1/2" TRAM WHEEL	114
W-1781	6" ROLLER	116
W-1784	8" TRAM WHEEL	114
W-1802	10" S/F WHEEL & IDLER	118
W-1805	12" P/F WHEEL & IDLER	117
W-1837	24" S/F WHEEL & IDLER	119
W-1838	14-1/2" D/F WHEEL & IDLER	121
W-1846	18" S/F WHEEL & IDLER	119
W-1849	8" S/F WHEEL & IDLER	118
W-1863	9-1/2" TRAM WHEEL	114
W-1866	11" P/F WHEEL & IDLER	117

P/N	DESCRIPTION	PAGE NO.
W-1871	15-1/8" S/F WHEEL & IDLER	119
W-1899	21-1/2" D/F WHEEL & IDLER	121
W-1901	10" D/F WHEEL & IDLER	120
W-1953	12" S/F WHEEL & IDLER	119
W-1961	10" D/F WHEEL & IDLER	120
W-1975	9" TRAM WHEEL	114
W-1977	18-1/4" P/F WHEEL & IDLER	117
W-1978	15" D/F WHEEL & IDLER	121
W-2006	7-1/4" TRAM WHEEL	114
W-2006	7" S/F WHEEL & IDLER	118
W-2010	12" S/F WHEEL & IDLER	118
W-2011	10" P/F WHEEL & IDLER	117
W-2016	9" P/F WHEEL & IDLER	117
W-2017	16" D/F WHEEL & IDLER	121
W-2018	16" P/F WHEEL & IDLER	117
W-2024	4" ROLLER	116
W-2025	12" S/F WHEEL & IDLER	118
W-2026-8	8" D/F WHEEL & IDLER	120
W-2026-9	9" D/F WHEEL & IDLER	120
W-2026-9A	8" D/F WHEEL & IDLER	120
W-2027	5" P/F WHEEL & IDLER	117
W-2040	14" P/F WHEEL & IDLER	117
W-2047	10" S/F WHEEL & IDLER	118

P/N	DESCRIPTION	PAGE NO.
W-2047A	10" S/F WHEEL & IDLER	118
W-2048	8" D/F WHEEL & IDLER	120
W-2061	8-3/8" P/F WHEEL & IDLER	117
W-2072	6" D/F WHEEL & IDLER	120
W-2072A	6" D/F WHEEL & IDLER	120
W-2082	16" S/F WHEEL & IDLER	119
W-2086	8" "V" GROOVE WHEEL	115
W-2086A	8" "V" GROOVE WHEEL	115
W-2088	12" P/F WHEEL & IDLER	117
W-2104-12	12" D/F WHEEL & IDLER	121
W-2104-16	16" D/F WHEEL & IDLER	121
W-2104-18	18" D/F WHEEL & IDLER	121
W-2108	10" S/F WHEEL & IDLER	118
W-2117	12" TRAM WHEEL	114
W-2117	12" S/F WHEEL & IDLER	118
W-2127	8-1/2" D/F WHEEL & IDLER	120
W-2131	20" S/F WHEEL & IDLER	119
W-2132	18" S/F WHEEL & IDLER	119
W-2135	20-1/2" D/F WHEEL & IDLER	121
W-2136	12" P/F WHEEL & IDLER	117
W-2136	10" S/F WHEEL & IDLER	118
W-2136-5	5" S/F WHEEL & IDLER	118
W-2136-6	6" S/F WHEEL & IDLER	118
W-2150	10" S/F WHEEL & IDLER	118
W-2151	16" S/F WHEEL & IDLER	119
W-2151A	16" S/F WHEEL & IDLER	119
W-2152	26" S/F WHEEL & IDLER	119
W-2163A	10" D/F WHEEL & IDLER	120
W-2166	14-1/2" S/F WHEEL & IDLER	119
W-2166HD	14-1/2" S/F WHEEL & IDLER	119
W-2171	20" S/F WHEEL & IDLER	119
W-2171A	20" S/F WHEEL & IDLER	119
W-2175	6" ROLLER	116
W-2176	18" D/F WHEEL & IDLER	121
W-2181	14" D/F WHEEL & IDLER	121
W-2182	7" D/F WHEEL & IDLER	120

P/N	DESCRIPTION	PAGE NO.
W-2186	10" S/F WHEEL & IDLER	118
W-2193	10" S/F WHEEL & IDLER	118
W-2194	14" S/F WHEEL & IDLER	119
W-2199	7" S/F WHEEL & IDLER	118
W-2210	10" D/F WHEEL & IDLER	121
W-2211	14" S/F WHEEL & IDLER	119
W-2217	20" P/F WHEEL & IDLER	117
W-2218	20" D/F WHEEL & IDLER	121
W-2223	12" P/F WHEEL & IDLER	117
W-2223F	12" D/F WHEEL & IDLER	121
W-2236	5" ROLLER	116
W-2240	12" S/F WHEEL & IDLER	118
W-2241	20" D/F WHEEL & IDLER	121
W-2256	6" ROLLER	116
W-2257	18" S/F WHEEL & IDLER	119
W-2262	12" S/F WHEEL & IDLER	119
W-2281	6" ROLLER	116
W-2289	14" S/F WHEEL & IDLER	119
W-2311	6" ROLLER	116
W-2320	18" S/F WHEEL & IDLER	119
W-2333	14" D/F WHEEL & IDLER	121
W-2334	7-1/4" S/F WHEEL & IDLER	118
W-2335	12" P/F WHEEL & IDLER	117
W-2336	14" D/F WHEEL & IDLER	121
W-2337	14" P/F WHEEL & IDLER	117
W-2338	8" S/F WHEEL & IDLER	118
W-2355	18" S/F WHEEL & IDLER	119
W-2359	6" ROLLER	116
W-2366	15-1/8" S/F WHEEL & IDLER	119
W-2367	8-1/4" P/F WHEEL & IDLER	117
W-2370	8" "V" GROOVE WHEEL	115
W-2370A	8" "V" GROOVE WHEEL	115
W-2382	8-3/4" D/F WHEEL & IDLER	120
W-2383	8" S/F WHEEL & IDLER	118
W-2395	12" S/F WHEEL & IDLER	118
W-2399	8" S/F WHEEL & IDLER	118

P/N	DESCRIPTION	PAGE NO.
W-2403	4" ROLLER	116
W-2419	3" ROLLER	116
W-2433	24" S/F WHEEL & IDLER	119
W-2434	8" S/F WHEEL & IDLER	118
W-2445	10" D/F WHEEL & IDLER	121
W-2446	7" P/F WHEEL & IDLER	117
W-2449	12" S/F WHEEL & IDLER	118
W-2450	8" S/F WHEEL & IDLER	118
W-2451	8" S/F WHEEL & IDLER	118
W-2457	8" D/F WHEEL & IDLER	120
W-2493	8" S/F WHEEL & IDLER	118
W-2493A	8" S/F WHEEL & IDLER	118
W-2494	8" P/F WHEEL & IDLER	117
W-2498	20-3/8" S/F WHEEL & IDLER	119
W-2546	18" S/F WHEEL & IDLER	119
W-2547	24" S/F WHEEL & IDLER	119
W-2548	8" P/F WHEEL & IDLER	117
W-2552	3-1/2" ROLLER	116
W-2552A	3-1/2" ROLLER	116
W-2553	18" S/F WHEEL & IDLER	119
W-2569	13" P/F WHEEL & IDLER	117
W-2576	19-3/4" P/F WHEEL & IDLER	117
W-2583	12" D/F WHEEL & IDLER	121
W-2584	4" ROLLER	116
W-2585	5" ROLLER	116
W-2585C	5" ROLLER	116
W-2588	5" ROLLER	116
W-2595	4" ROLLER	116
W-2599	28-1/2" S/F WHEEL & IDLER	115
W-2602	10-3/4" S/F WHEEL & IDLER	118
W-2606	6" D/F WHEEL & IDLER	120
W-2607	4" ROLLER	116
W-2610	6" D/F WHEEL & IDLER	120
W-2612	15" S/F WHEEL & IDLER	119
W-2616	10" S/F WHEEL & IDLER	118

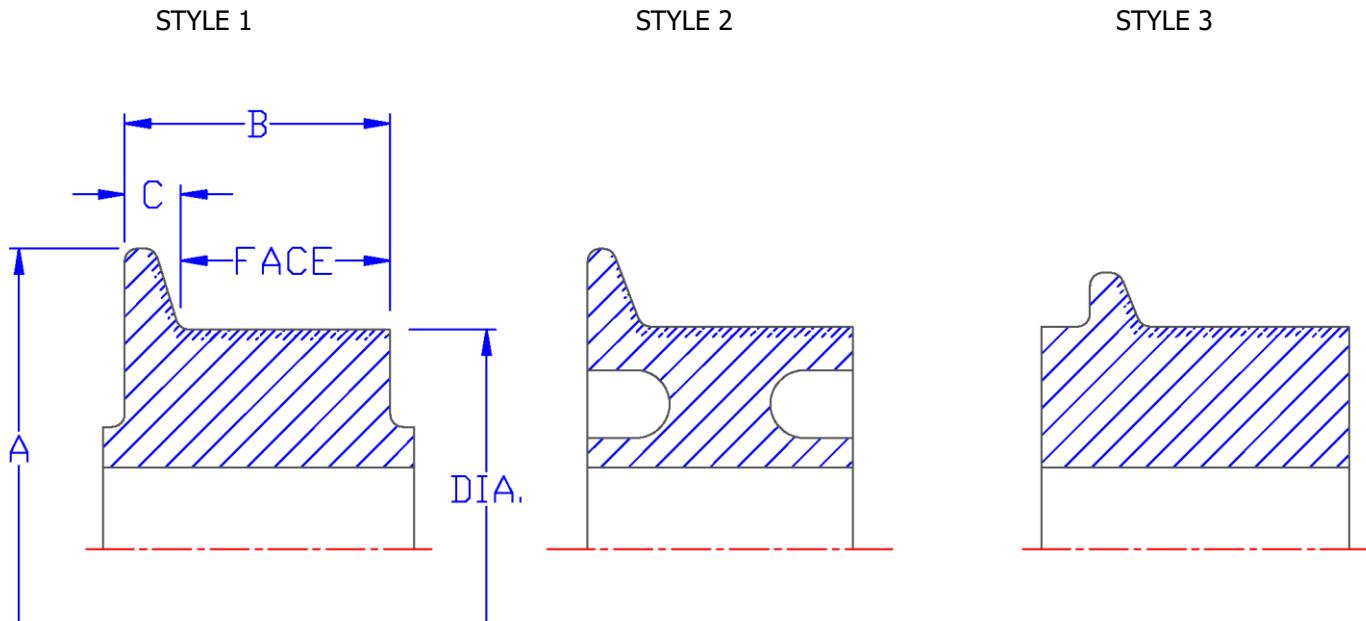
P/N	DESCRIPTION	PAGE NO.
W-2620	8" S/F WHEEL & IDLER	118
W-2622	15" S/F WHEEL & IDLER	119
W-2629	6" ROLLER	116
W-2631	14-1/2" D/F WHEEL & IDLER	121
W-2642	17-3/8" P/F WHEEL & IDLER	117
W-2652	12" D/F WHEEL & IDLER	121
W-2658	12" D/F WHEEL & IDLER	121
W-2667	5-1/2" D/F WHEEL & IDLER	120
W-2668	14" D/F WHEEL & IDLER	121
W-2670	12" S/F WHEEL & IDLER	119
W-2675	3" ROLLER	116
W-2684	6-1/4" S/F WHEEL & IDLER	118
W-2687	8" S/F WHEEL & IDLER	118
W-2697	11" D/F WHEEL & IDLER	121
W-2698	14-1/2" D/F WHEEL & IDLER	121
W-2705	5" ROLLER	116
W-2705A	5" ROLLER	116
W-2717	16" P/F WHEEL & IDLER	117
W-2720	6" ROLLER	116
W-2723	4" ROLLER	116
W-2726	6-3/4" S/F WHEEL & IDLER	118
W-2730	10" D/F WHEEL & IDLER	121
W-2731	12" D/F WHEEL & IDLER	121
W-2732	10-3/4" D/F WHEEL & IDLER	121
W-2735	18" D/F WHEEL & IDLER	121
W-2736	12" D/F WHEEL & IDLER	121
W-2743	8" D/F WHEEL & IDLER	120
W-2751	6" D/F WHEEL & IDLER	120
W-2752	12" D/F WHEEL & IDLER	121
W-2757	5" ROLLER	116
W-2766	3" ROLLER	116
W-2767	6" D/F WHEEL & IDLER	120
W-2773	12" D/F WHEEL & IDLER	121
W-2776	6" ROLLER	116
W-2780	10" S/F WHEEL & IDLER	118
W-2783	13-1/4" P/F WHEEL & IDLER	117

P/N	DESCRIPTION	PAGE NO.
W-2786	6" ROLLER	116
W-2800	14" P/F WHEEL & IDLER	117
W-2811	4" ROLLER	116
W-2814	21-7/8" P/F WHEEL & IDLER	117
W-2815	14-7/8" P/F WHEEL & IDLER	117
W-2816	10" P/F WHEEL& IDLER	117
W-2821	17" S/F WHEEL & IDLER	119
W-2828	15-7/8" P/F WHEEL & IDLER	117
W-2829	12" S/F WHEEL & IDLER	119
W-2830	10-3/4" P/F WHEEL & IDLER	117
W-2833	10" TRAM WHEEL	114
W-2838	2-1/2" ROLLER	116
W-2842	6-3/4" TRAM WHEEL	114
W-2843	4-1/2" "V" GROOVE WHEEL	115
W-2843A	4-1/2" "V" GROOVE WHEEL	115
W-2844	6" "V" GROOVE WHEEL	115
W-2844A	6" "V" GROOVE WHEEL	115
W-2844B	6" "V" GROOVE WHEEL	115
W-2846	6" "V" GROOVE WHEEL	115
W-2883	15-1/8" S/F WHEEL & IDLER	119
W-2892	24" S/F WHEEL & IDLER	119
W-2894	6" "V" GROOVE WHEEL	115
W-2894A	6" "V" GROOVE WHEEL	115
W-2895	4" "V" GROOVE WHEEL	115
W-2895A	4" "V" GROOVE WHEEL	115
W-2896	10" "V" GROOVE WHEEL	115
W-2896A	10" "V" GROOVE WHEEL	115
W-2897	12" "V" GROOVE WHEEL	115
W-2897A	12" "V" GROOVE WHEEL	115
W-2949	20" S/F WHEEL & IDLER	119
W-3023	8" P/F WHEEL & IDLER	117
W-3038	12" TRAM WHEEL	114
W-3038	12" S/F WHEEL & IDLER	118
W-3043	12" P/F WHEEL & IDLER	117
W-3084	10" P/F WHEEL & IDLER	117
W-3086	24" S/F WHEEL & IDLER	119
W-3087	10" D/F WHEEL & IDLER	121
W-3285	22" S/F WHEEL & IDLER	119
W-3540	22" S/F WHEEL & IDLER	119
W-3622A	12" S/F WHEEL & IDLER	119
W-3683	9-3/4" P/F WHEEL & IDLER	117

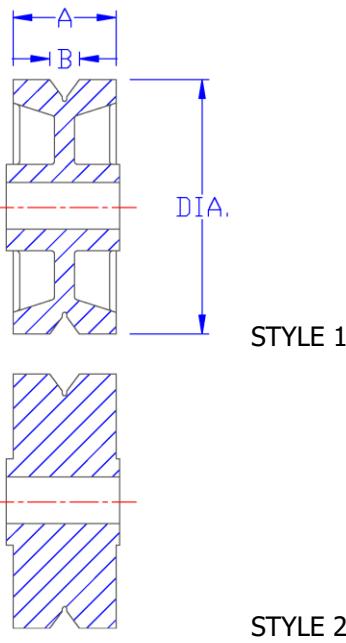


**MATERIAL:** All Tram Wheels are manufactured of cast Gray Iron, Class 35, and have **Chilled Faces** to a minimum depth of 3/16", and hardness of 360 BHN to assure maximum wear.

**BEARINGS:** Bearings of any obtainable style may be supplied, and the Tram Wheel produced as a complete assembly, complete with shafts.



TRAM WHEELS									
DIA.	FACE	A	B	C	MAX. BORE	LTB	PATT. NO.	STYLE	WT.
6-3/8	2-5/8	8-1/8	3-7/8	1-1/8	3-3/4	4-1/4	W-1736	1	36
6-3/4	2-5/8	8-7/8	3-3/4	7/8	3-3/4	4	W-2842	1	40
7-1/4	2-1/4	9	3	3/4	2-7/16	3-1/2	W-2006	2	30
8	2-1/8	8-3/4	2-3/4	5/8	4-1/2	2-3/4	W-1784	1	32
8-1/4	4-1/2	10-3/8	5-3/8	7/8	3-3/4	5-3/4	W-1221	1	77
9	4	11	5	1	2-3/4	5-1/4	W-1975	2	70
9-1/2	5-7/8	14	4-3/4	7/8	5-1/2	6-1/4	W-1779A	3	104
9-1/2	3-1/2	12	4-9/16	1	4-15/16	4-7/8	W-1863	3	112
10	3-1/4	12	4-1/2	1-1/4	4	4-7/8	W-2833	1	90
12	2-1/4	13-1/2	3	3/4	4-3/4	3-1/4	W-3038	2	60
12	1-7/8	13-1/2	2-7/8	1	5	6	W-2117	2	90

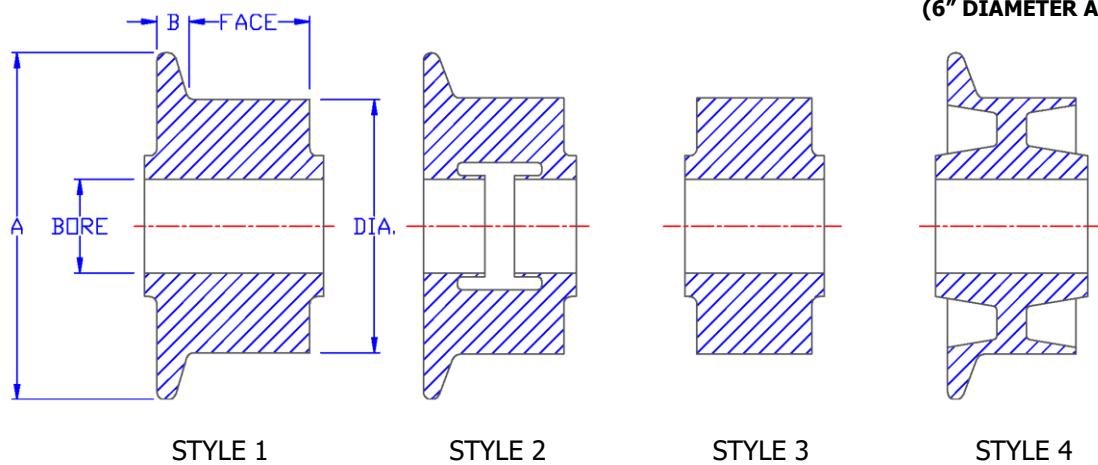


ALL "V" GROOVE WHEELS HAVE MACHINED GROOVES AND DIAMETERS TO PERMIT SMOOTH OPERATION ON EITHER FLOORS OR INVERTED ANGLE IRON TRACK.

**MATERIAL:** All wheels are made of 80,000 psi tensile Ductile Iron (grade 80-60-03). Cast Iron wheels of Class 35 Gray Iron are available.

**LOAD RATING:** Ductile Iron Wheels permit maximum loading due to the strength of the material. Load restrictions are governed by the strength of the selected shaft material and load rating of the required bearing. The factory does not assume responsibility for excessive loading due to variables beyond its control.

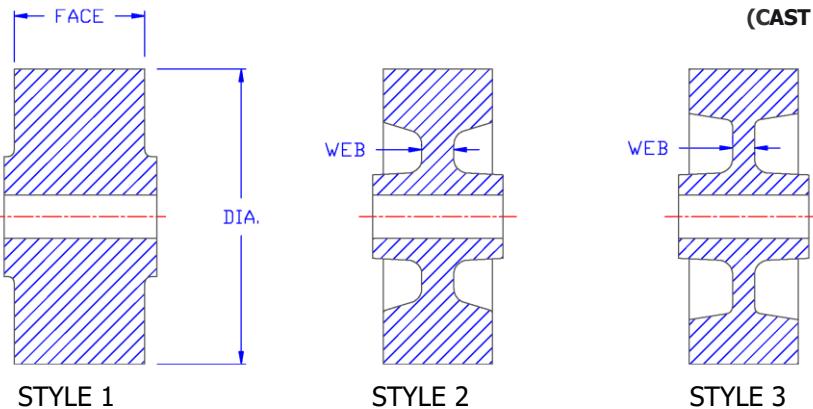
<b>"V"- GROOVE WHEELS</b>							
<b>DIA.</b>	<b>A</b>	<b>B</b>	<b>MAX BORE</b>	<b>LTB</b>	<b>PATT. NO.</b>	<b>STYLE</b>	<b>WT.</b>
4	2-1/4	7/8	1-15/16	2-1/2	W-2895	2	5
4	2-3/4	7/8	1-15/16	3	W-2895A	2	6-1/2
4-1/2	2-1/4	7/8	2-7/16	2-1/2	W-2843	2	6-1/2
4-1/2	2-3/4	7/8	2-7/16	3	W-2843A	2	8-1/4
6	3	7/8	2-15/16	3-1/4	W-2844	2	20
6	3	1-1/4	2-7/16	3-1/4	W-2844A	2	19-1/2
6	3	1-3/4	1-15/16	3-1/4	W-2844B	2	19
6	2-1/2	7/8	2-1/2	2-3/4	W-2846	1	14
6	3-1/2	1-1/2	1-1/2	3-1/2	W-2894A	1	16
6	3-1/2	2	1-1/2	3-1/2	W-2894	1	15-1/2
8	2-3/4	7/8	2	3-1/4	W-2086	1	23
8	2-3/4	1-3/4	2	3-1/4	W-2086A	1	21
8	3-1/2	7/8	2-1/2	3-1/2	W-2370A	1	30
8	3-1/2	1-3/4	2-1/2	3-1/2	W-2370	1	28
10	3-1/2	1-3/8	2-1/2	4	W-2896	1	25
10	3-1/2	1-3/4	2-1/2	4	W-2896A	1	23
12	3-1/2	1-3/8	3	4	W-2897	1	33
12	3-1/2	1-3/4	3	4	W-2897A	1	30



DIA	FACE	A	B	MAX. BORE	STD. LTB.	PATT. NO.	STYLE	WT.
2-1/2	1	3	3/8	1	1-9/16	W-2838	1	2-1/2
3	1-1/2	—	—	1-1/4	1-1/2	W-2419	3	3
3	1-3/16	3-3/4	5/16	1-1/4	1-9/16	W-2675	1	4
3	1-3/8	3-3/4	7/16	1-7/16	2-3/16	W-2766	1	4
3-1/2	2	4	3/8	1-7/16	2-1/4	W-1655	1	6
3-1/2	1-3/8	4-1/2	1/2	1-7/16	2	W-2552	1 (n/c)	5
3-1/2	1-3/8	4-1/4	1/4	1-7/16	2	W-2552A	1	5
4	2-3/4	6	1/2	1-15/16	3-1/2	W-2024	1	16
4	1-1/4	5	5/8	1-15/16	2	W-2403	1	8
4	1-1/2	5-1/4	7/16	1-1/4	2-3/16	W-2584	1	6
4	1-1/2	5-1/4	1/2	1-7/16	2-3/16	W-2595	2	7
4	1-1/4	5-1/4	1/2	1-15/16	2	W-2607	1	8
4	2-1/2	5-1/2	1/4	1-15/16	3-1/2	W-2723	1 (m)	12
4	3	5	5/16	1-3/16	4	W-2811	1	19
5	1-3/4	6-3/8	11/16	1-15/16	3-1/2	W-2236	1	11
5	2-1/8	—	—	1-15/16	2-3/8	W-2585	3 (n/c)	14
5	2-1/8	—	—	1-15/16	2-3/8	W-2585C	3	14
5	1-5/8	6-1/2	11/16	1-3/4	2-5/8	W-2588	2	10
5	1-3/4	6	1/2	1-15/16	3-1/4	W-2705A	1	15
5	1-3/4	6	1/2	1-15/16	2-3/8	W-2705	1	12
5	1-5/8	6-1/2	5/8	1-1/2	2-7/8	W-2757	4	15
6	1-7/8	7-1/2	3/4	1-15/16	2-3/4	W-1781	4	17
6	2	7-1/4	1/2	1-15/16	3-1/2	W-2175	2	21
6	1-3/4	7-1/4	1	1-9/16	2-3/4	W-2256	1 (n/c)	20
6	2-1/2	7	5/8	1-9/16	3-1/4	W-2281	1 (n/c)	25
6	2-1/2	7	5/8	1-9/16	3-1/4	W-2359	1	25
6	2-1/4	8	1	1-15/16	4-1/4	W-2311	Spec	25
6	15/16	—	—	1-9/16	2-1/4	W-2629	3	10
6	3-1/2	7-1/2	9/16	2-15/16	5-1/2	W-2720	1	35
6	2-3/16	7-1/2	5/8	2-7/16	3-1/4	W-2776	1	20
6	1-5/8	7-1/2	11/16	1-13/16	3-1/2	W-2786	4	15

(n/c) - Not Chilled

(m) Machined Face



(CAST IRON AND CAST IRON CHILLED RIM)

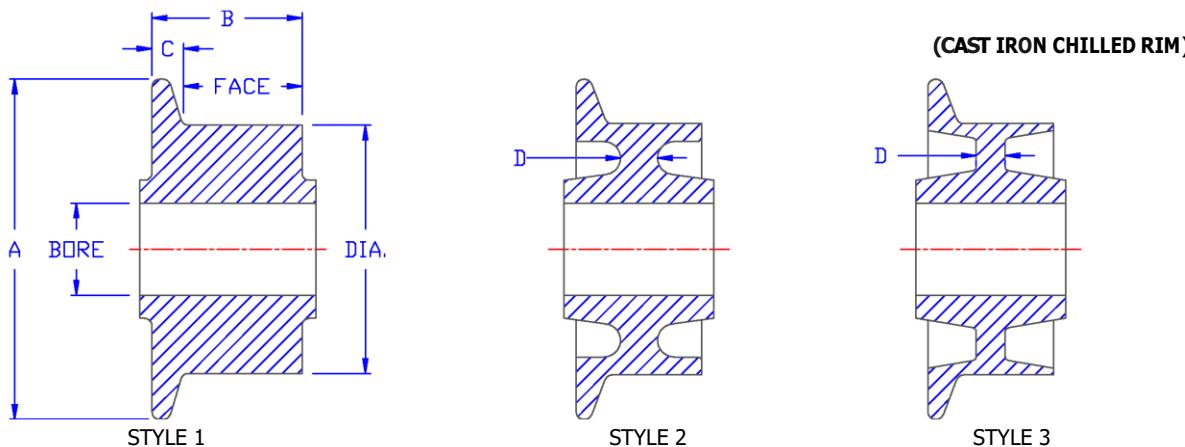
All non-chilled faces are machined.

(c/r) indicates wheel listed is chilled rim.

**SP.C.**

- (1) Spoke Arm
- (2) Ribbed
- (3) Lightening Holes

DIA	FACE	WEB	SP. C.	MAX. BORE	LTB.	PATT. NO.	STYLE	WT.
5	4	1/2	--	1-1/2	2-1/2	W-2014	3	12
5	2-3/4	1/4	2	1-9/16	2-3/4	W-2027	3	8
7	2	3/4	--	2-1/2	2	W-2446	3	20
8	1-3/4	1/2	--	1-3/4	1-3/4	W-3023	3	25
8	3	1	--	2-3/4	3-1/2	W-2494	3 (c/r)	28
8	3-1/2	2	--	2-3/4	3-1/2	W-2548	2 (c/r)	36
8-1/4	4	1-1/4	1	1-1/2	3-1/2	W-2367	3	35
8-3/8	2-3/4	3/4	--	1-1/2	3	W-2061	3	22
9	4	1	--	3-7/16	3-1/2	W-2016	3	45
9-3/4	2	3/4	--	2-15/16	21/2	W-3683	3	32
10	6	1-1/4	--	2-15/16	3-1/2	W-2011	3	80
10	2	1	--	2-15/16	2-1/2	W-2816	3 (c/r)	35
10	4	1	--	2-15/16	4-1/2	W-3084	3	50
10-3/4	1-3/4	1	--	2-15/16	4	W-2830	3 (c/r)	34
11	5-5/16	1-5/8	--	1-15/16	5-1/2	W-1866	3	75
12	5	1	--	2-15/16	4	W-1805	3 (c/r)	95
12	3	1	--	2-15/16	4	W-2088	3 (c/r)	90
12	3-1/2	1-3/4	--	2-15/16	4	W-2136	3	85
12	7-1/2	1-1/8	--	2-15/16	8	W-2223	3	125
12	1-1/2	1/2	--	2-15/16	4	W-2335	3	30
12	4	1-1/2	--	3-7/16	4-1/2	W-3043	3	75
13	3	2	--	2-15/16	5	W-2569	3 (c/r)	78
13-1/4	6	--	--	2-15/16	8	W-2783	1(c/r)	235
14	1-3/4	1/2	1	2-15/16	3	W-2040	3	30
14	3-3/8	1-1/4	--	2-15/16	3-1/2	W-2337	3 (c/r)	85
14	2	3/4	--	2-15/16	2-1/2	W-2800	3	55
14-7/8	5-1/2	2-1/2	--	2-15/16	6	W-2815	3	160
15-7/8	5	2	--	2-15/16	5-1/2	W-2828	3	190
16	6	2	--	2-15/16	6-1/2	W-2018	3	212
16	8	3-1/2	--	2-15/16	8-1/2	W-2717	3	415
17-3/8	1-5/16	3/4	--	2-15/16	4	W-2642	3	80
18	6	1-3/4	--	2-15/16	7	W-1744	3	225
18-1/4	1-3/4	1/2	1	1-15/16	2	W-1977	3	45
19-3/4	1-7/8	1	3	2-7/16	2-3/4	W-2576	3	122
20	4-1/2	1-1/4	--	2-15/16	5	W-2217	3 (c/r)	200
21-7/8	5-1/2	2-1/2	--	2-15/16	6	W-2814	3	360



<b>DIA</b>	<b>FACE</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>MAX. BORE</b>	<b>LTB.</b>	<b>PATT. NO.</b>	<b>STYLE</b>	<b>WT.</b>
5	1-1/2	5-3/4	1-13/16	5/16	-	1-7/16	2-5/8	W-2136-5	1 (n/c)	12
6	2	7-1/8	2-1/8	1/2	3/4	1-7/16	3-3/4	W-2136-6	3 (n/c)	19
6-1/4	1-7/8	7-1/4	2-9/16	11/16	-	2-15/16	3	W-2684	1	35
6-3/4	2-5/8	9-1/4	3-1/2	7/8	-	2-15/16	4	W-2726	1	42
7	2-1/4	9	3	3/4	1	1-15/16	3-1/2	W-2006	2	30
7	2-3/8	8-9/16	3-9/16	15/16	7/8	2-9/16	3-3/4	W-2199	3	35
7-1/4	3	10-1/2	4	1	-	2-15/16	4-1/2	W-2334	1 (n/c)	60
8	1-1/2	9-1/2	2	1/2	5/8	2-15/16	2-1/2	W-2434	3	28
8	1-3/4	9-1/2	2-9/16	13/16	3/4	2-7/16	3-1/4	W-2450	3	38
8	2	9-1/2	2-13/16	13/16	3/4	1-15/16	3-3/4	W-2399	3	40
8	2-1/4	9-1/2	3-1/16	13/16	3/4	2-7/16	3-3/4	W-2451	3	42
8	2-1/2	9-1/2	3-3/8	7/8	2-1/4	2-15/16	3-1/2	W-1849	2	36
8	2-5/8	9-7/8	3-9/16	15/16	3/4	1-15/16	4	W-2687	3 (n/c)	45
8	3	10	3-3/4	3/4	-	2-15/16	4	W-2338	1	55
8	3	9-1/2	3-13/16	13/16	1-1/2	1-15/16	4-1/2	W-2493	3	45
8	3	9-1/2	3-13/16	13/16	2-1/2	2-15/16	4-1/2	W-2493A	2	50
8	3-1/4	9-1/2	3-13/16	9/16	-	3-7/16	5-1/4	W-2620	1 (n/c)	60
8	4	9-1/2	4-3/4	3/4	3	2-1/2	5-1/4	W-2383	2	54
10	1-7/8	12	2-5/8	3/4	5/8	1-11/16	3	W-1729	3	40
10	3-5/16	11-5/8	4	11/16	2-1/4	3-7/16	4-1/2	W-1802	2	70
10	2-1/4	12	3	3/4	2-1/8	2-7/16	4	W-2108	2	70
10	2-1/2	11-1/4	3	1/2	1-3/4	2-15/16	3-1/2	W-2186	2	70
10	2-1/2	12	3-1/2	1	7/8	2-15/16	5	W-2780	3	65
10	3	11	3-5/8	5/8	15/16	1-15/16	4	W-2136	3	55
10	3	12	4	1	3/4	2-15/16	4-1/2	W-2616	3	60
10	3-1/2	16	5	1-1/2	3-1/2	3-5/16	6	W-2193	2 (n/c)	138
10	4-1/2	11-1/2	5-7/16	15/16	3/4	2-1/4	5-3/4	W-2047	3 (n/c)	70
10	4-1/2	11-1/2	5-7/16	15/16	3-1/4	2-15/16	5-1/2	W-2047A	2 (n/c)	105
10	4-1/2	14	5-1/2	1	3-1/2	1-15/16	5-1/2	W-2150	2	150
10-3/4	3-1/2	12-3/4	4-1/4	3/4	1	2-15/16	4-1/2	W-2602	3	75
12	2	13-1/2	3	1	3/4	2-1/16	3-1/2	W-2117	3	64
12	2-1/4	13-1/2	3	3/4	1	1-7/16	3	W-3038	3	75
12	2-1/4	14	3-1/4	1	3/4	2-15/16	3-3/4	W-2395	3	58
12	2-1/2	12-3/4	3-1/8	5/8	1	1-7/16	4	W-2025	3 (n/c)	85
12	2-1/2	14	3-3/8	7/8	7/8	2-15/16	4-1/2	W-2449	3	60
12	2-1/2	15	3-3/16	11/16	3/4	2-7/16	4-1/2	W-2010	3	81
12	2-1/2	15	3-3/16	11/16	1	2-15/16	3-1/2	W-2240	3	75

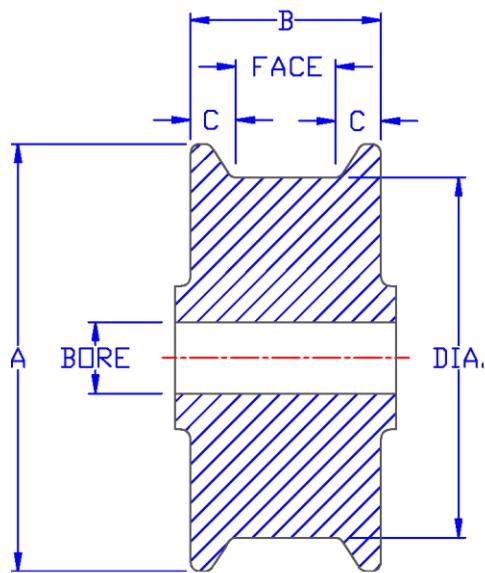
(n/c) - Not Chilled

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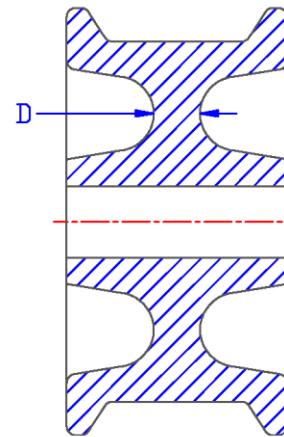
DIA	FACE	A	B	C	D	MAX. BORE	LTB.	PATT. NO.	STYLE	WT.
12	3	14-1/2	4	1	7/8	2-15/16	4-1/2	W-3622A	3	75
12	4	13-1/2	4-3/4	3/4	3/4	2-15/16	3-1/2	W-1953	3 (n/c)	77
12	4	12-3/4	4-3/4	3/4	3/4	2-15/16	5	W-2829	3 (n/c)	75
12	4	14-1/2	5	1	7/8	2-15/16	5-1/2	W-2670	3	75
12	5	13-1/2	5-3/4	3/4	3/4	2-15/16	6	W-2262	3 (n/c)	100
14	2-1/4	16	3-1/4	1	7/8	2-15/16	3-3/4	W-2289	3	80
14	3-1/2	16	4	7/8	1	2-15/16	4-1/2	W-2211	3	100
14	4	16	5	1	1	2-15/16	6	W-2194	3	130
14-1/2	2-1/2	17-1/2	3-1/4	5/8	3/4	2-15/16	3-3/4	W-2166	3	95
14-1/2	2-1/2	17-1/2	3-1/2	1	1-1/2	2-15/16	4	W-2166HD	3	130
15	2-3/4	15-3/4	3-1/2	3/4	3/4	2-15/16	4	W-2612	3 (n/c)	80
15	3-1/4	17	5	1-3/4	1	3-15/16	5-1/2	W-2622	2	187
15-1/8	2-3/4	17	3-7/8	1-1/8	1-1/2	2	3-7/8	W-1871	3 (n/c)	125
15-1/8	2-3/4	17-1/8	3-3/8	5/8	5/8	2-15/16	3-1/2	W-2883	3 (n/c)	78
15-1/8	3	17	3-7/8	7/8	3/4	2-15/16	4-1/4	W-2366	3	114
16	3-1/32	18	4-1/32	1	1	2-15/16	4-1/2	W-2082	3	135
16	4-1/2	18	5-1/2	1	1	2-15/16	6	W-2151	3	155
16	5-1/2	18	6-1/2	1	1	2-15/16	7	W-2151A	3	175
17	3	19	3-3/4	3/4	1	2-15/16	4-1/4	W-2821	3	135
18	2	20	2-7/8	7/8	3/4	2-15/16	3-1/2	W-1846	3	130
18	2-3/4	20	3-3/8	7/8	3/4	2-15/16	4-1/2	W-2553	3	115
18	2-1/4	20	3-1/4	1	7/8	2-15/16	4	W-2320	3	120
18	2-3/8	20	3-1/2	1-1/8	1-1/4	2-15/16	4	W-2355	3	160
18	3	20	4-1/2	1-1/2	1-3/4	2-15/16	5-1/2	W-2132	2	270
18	3-1/8	21	3-3/4	5/8	1	2-15/16	4-1/4	W-2546	3	158
18	3-1/8	21	3-3/4	5/8	1	2-15/16	4-1/4	W-2257	3	158
20	2-1/4	22	3-1/4	1	1	3-7/16	3-3/4	W-2949	3	190
20	2-1/2	22-1/2	4-3/8	1-1/4	1-1/2	3-7/16	5-7/8	W-2171A	3	250
20	3-1/8	22-1/2	4-3/8	1-1/4	1-1/2	2-15/16	5-1/2	W-2171	3	230
20	4	22	5	1	3/4	2-15/16	5-1/2	W-2131	3	210
20-3/8	4-1/2	24-1/2	5-1/2	1	1	3-7/16	6	W-2498	3	255
22	4	25	5	1	1	2-15/16	5	W-3285	3	296
22	2-1/2	24	3-1/2	1	3/4	1-15/16	4	W-3540	3	130
24	2-7/8	25-3/4	3-5/8	3/4	3/4	3-7/16	4	W-2892	3	200
24	3	28	4-1/2	1-1/2	1	3-7/16	5	W-2433	3	350
24	3-1/4	27	4-1/4	1	1-1/4	3-7/16	4-3/4	W-2547	3	280
24	4	26-1/2	4-3/4	3/4	1-1/8	2-7/16	5-1/2	W-1837	3 (n/c)	245
24	4	26-1/2	4-3/4	3/4	1-1/4	2-15/16	4	W-3086	3 (n/c)	306
26	4-1/4	30	5-1/2	1-1/4	1	3-7/16	6	W-2152	3	430
28-1/2	4-1/4	31-1/2	5-1/4	1	1-1/4	3-7/16	6	W-2599	3	430

(n/c) Not Chilled

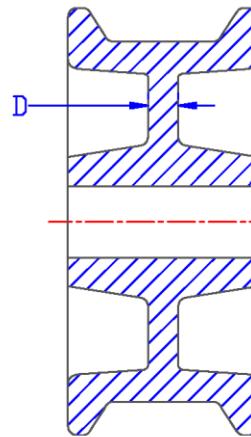
(CLASS 35 GRAY IRON)



STYLE 1



STYLE 2



STYLE 3

DIA	FACE	A	B	C	D	MAX. BORE	LTB.	PATT. NO.	STYLE	WT.
5-1/2	2	6-1/2	2-3/4	3/8	-	1-7/16	3-1/4	W-2667	1	25
6	4-3/4	7-1/2	6	5/8	-	2-7/16	6	W-2072	1	40
6	4	7-1/2	5-1/4	5/8	-	2-7/16	5-1/4	W-2072A	1	38
6	2-1/4	9	3	3/8	1-1/2	1-7/8	1-7/16	W-2606	2	30
6	2	7-1/4	3	1/2	-	1-7/16	3-1/2	W-2610	1	25
6	1-3/8	7-1/8	2-5/8	1/2	1-3/8	1-7/16	2-5/8	W-2751	2	23
6	2-1/8	7	2-5/8	1/4	1-5/8	1-7/16	2-5/8	W-2767	2	20
7	2-13/16	8-9/16	3-13/16	1/2	-	2-1/2	3-13/16	W-2182	1	42
8	5-11/16	10	6-3/4	1/2	4	2-7/16	5	W-823	2	85
8	2-1/2	9	4	3/4	-	2-7/16	4-1/2	W-1684	1	60
8	2-1/2	9	3-1/2	1/4	-	1-7/16	3-1/2	W-2026-8	3	45
8	13/16	9-3/4	2-3/16	1/2	3/4	1-7/16	3-1/2	W-2026-9A	3	30
8	3-1/2	9-1/2	5	3/4	3/4	1-7/16	3-1/2	W-2048	3	40
8	2-1/2	9	3-1/2	1/2	1-3/4	1-7/16	3-1/2	W-2457	2	38
8	2-5/8	9-1/2	4-1/4	13/16	1-3/4	1-7/16	4-3/4	W-2743	2	108
8-1/2	2-3/4	10	4-1/4	3/4	3	1-15/16	4-3/4	W-2127	2	58
8-3/4	4-3/4	11	5-1/2	3/4	3/4	1-7/16	2-1/2	W-2382	3	48
9	13/16	10-1/4	2-3/16	1/2	3/4	1-7/16	3-1/2	W-2026-9	3	50
10	5-11/16	12	6-3/4	1/2	4	2-7/16	3-1/2	W-824	2	120
10	2-1/2	11-1/2	4-1/2	1	1	1-15/16	5	W-1901	3	95
10	4	11-1/2	5-1/2	3/4	7/8	1-15/16	4	W-1961	3	65
10	3-1/2	11	4-1/2	3/4	3/4	1-15/16	4-1/4	W-2163A	3	40

(Continued next page)

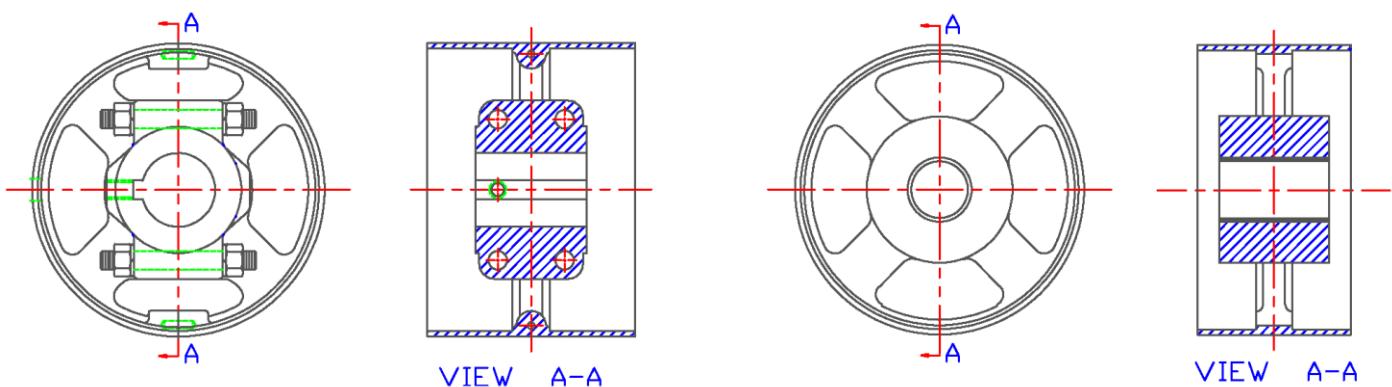
DIA	FACE	A	B	C	D	MAX. BORE	LTB.	PATT. NO.	STYLE	WT.
10	2	12-1/2	3	1/2	3/4	2-3/16	4	W-2210	3	50
10	2-1/2	12	4	3/4	—	2-15/16	4-1/4	W-1685	1	75
10	4-3/8	11-1/2	5-3/8	1/2	4-1/4	2-7/16	5-1/2	W-2445	2	85
10	2-5/8	12	4-3/4	1-1/16	—	2-15/16	5-1/4	W-2730	1	112
10	4-5/8	11-1/2	6-1/8	3/4	7/8	2-15/16	3-3/4	W-3087	3	75
10-3/4	3-1/2	12-3/4	5	3/4	1	2-7/16	6	W-2732	3	85
11	3-7/16	11-3/4	4-1/8	3/8	1/4	1-15/16	4-3/4	W-2697	3	75
12	2	13	3	1/2	3/4	1-7/16	3-1/2	W-1069	3	48
12	3-3/4	13-3/4	5	5/8	3/4	1-15/16	5	W-1312	3	65
12	4-7/8	14-1/2	6-1/2	13/16	3/4	2-7/16	7	W-2104-12	3	128
12	5-1/4	14	7-1/2	1-1/8	1-1/8	2-15/16	7-3/4	W-2223F	3	180
12	1-1/2	13-1/2	2-3/4	5/8	3/4	1-7/16	3	W-2583	3	70
12	3-1/4	14	5	7/8	1-1/8	3-15/16	6	W-2652	3	150
12	2-1/8	13-1/2	3-1/8	1/2	1	2-15/16	3-1/2	W-2658	3	90
12	4	13-1/2	5-1/2	3/4	3/4	2-7/16	3-1/2	W-2731	3	85
12	2-3/4	15	4	5/8	1	2-7/16	4-1/2	W-2736	3	90
12	1-1/2	13	2-1/2	1/2	1/2	1-7/16	3	W-2752	3	40
12	2	13-1/2	3-7/8	15/16	1	3	4-1/4	W-2773	3	90
13-3/4	6-3/4	16	8	5/8	1	3-7/16	5	W-1746	3	170
14	2-1/4	15-1/2	5	1-3/8	1-1/2	2-15/16	5-1/2	W-1626	3	170
14	6-1/4	18	9	1-3/8	2	2-7/16	9	W-2181	3	255
14	2-1/4	15-1/2	3-1/4	1/2	5/8	2-15/6	3-3/4	W-2333	3	115
14	2-3/8	15-3/8	3-3/8	1/2	1-1/4	2-15/16	3-1/2	W-2336	3	120
14	2	15-1/2	3-1/4	5/8	5/8	2-7/16	3-3/4	W-2668	3	90
14-1/2	3	16	5	1	1-1/4	1-7/16	5-1/2	W-1838	3	120
14-1/2	5	16-1/2	6-1/2	1-1/4	1	2-15/16	6-1/2	W-2631	3	170
14-1/2	5-1/4	16	6-1/2	5/8	1	2-15/16	7	W-2698	3	180
15	3-3/8	18-1/4	4-1/2	9/16	1	2-7/16	5	W-1978	3	140
16	4-7/8	18-1/2	6-1/2	13/16	3/4	2-7/16	7	W-2104-16	3	182
16	5-1/4	18	8	1-3/8	2	2-15/16	8-1/2	W-2017	3	310
18	4-7/8	20-1/2	6-1/2	13/16	3/4	2-7/16	7	W-2104-18	3	210
18	2-1/4	20	3-1/2	5/8	1-1/2	3-7/16	5-1/4	W-2176	3	195
18	2-3/4	21	4	5/8	1	2-15/16	4-1/2	W-2735	3	180
20	4-1/2	22	6-1/2	1	1-1/4	3-7/16	7	W-2218	3	272
20	3-1/8	22	5-1/8	1	1-1/2	3-7/16	5-1/2	W-2241	3	310
20-1/2	5-1/8	22-1/2	6-1/2	11/16	1-1/4	2-15/16	6-3/4	W-2135	3	300
21-1/2	6-7/8	22-3/4	8-1/8	5/8	1	2-15/16	4-1/2	W-1899	3	280
22	5	26	7	1	1-1/2	3-15/16	7	W-2516	3	390

## CROWN OR FLAT FACE

SPLIT PULLEYS				SOLID PULLEYS			
DIA.	FACE	WT.	RIM WR2	DIA.	FACE	WT.	RIM WR2
4	5-1/4	9	.0961	4	5-1/4	11-1/2	.0961
4	6-1/4	9-1/2	.1173	6	5	17	.3017
6	5-1/4	17-1/2	.3317	6	5-1/4	17-1/4	.3317
6	5-1/2	17-1/2	.3318	6	5-1/2	17-1/2	.3318
6	6-3/8	17-1/2	.3448	6	7	19	.4223
6	6-3/4	18-3/4	.3545	6	6-3/4	18-3/4	.3545
6	7	18	.4223	6	10-1/2	25	.7579
6	10-1/2	25	.7579				
8	5	28	1.0570				
8	5-1/4	29-1/2	1.0983	8	5-1/4	23	1.0985
8	5-1/2	31-1/2	1.1396				
8	10-1/2	40	2.1757				
10	5-1/4	32	1.7260	10	5-1/4	33-1/2	1.7260
10	6 3/4	34-3/4	2.2191	10	6-3/4	34	2.2141
10	7	35-1/2	2.3438				
10	7-1/4	35-3/4	2.3835	10	7-1/4	35	2.3835
12	6-3/4	44	4.3880				
12	10-1/2	56	7.0884	12	10-1/2	48	7.0884
16	5-1/2	78	8.4850				

WR2 = FLYWHEEL EFFECT =  $F \times Z \times (D_4 - d_4) = \text{LBS. FT.}$  2  
1467

STATIC BALANCE- Within 1/4 Oz. thru 8" Dia.  
STATIC BALANCE- Within 1/2 Oz. thru 16" Dia.



ALL PULLEYS CAN BE SUPPLIED WITH CROWN OR FLAT FACE

The **TERMS & CONDITIONS OF SALE** outlined here supersede all previous terms and conditions, and are subject to change without notice.

**Price & Acceptance:**

All orders are for prompt acceptance only by the Company's Home Office at Brewton, Alabama. In the event of an increase or decrease in the Company's prices, the price of any order or contract will be the price in effect at the time of order acceptance.

**Taxes:**

Any sales, use, consumption or similar tax applicable to the sale, purchase or use of products is not included in the price shown on this order and shall be paid by the purchasers whenever due.

**Terms:**

Payment terms are net cash within 30 days from date of invoice. The acceptance of all orders is subject to the approval of our Credit Department. A charge of 3% will be added to all Credit Card Orders.

**Minimum Charge:**

The minimum charge on any order unless approved by our office will be \$100.00 net parcel post, freight, or express charges will be added.

**Parcel Post:**

All goods shipped by parcel post will be insured and postal charges will be added to the invoice.

**Shipments:**

Shipments will be made by such routing so as to incur the lowest rates available to our customers. All shipments are subject to current surcharges if any apply. All premium rate shipping services such as express (air or rail), air freight, etc., will be utilized when the customer so specifies and necessary extra charges will be added to our invoice to cover those premium services. All customer specified premium rate shipments (such as Express Air or UPS Air) will be shipped freight collect. Services necessary to provide such express shipments: airport delivery, special packaging, etc., will be added to our invoice. All shipments unless otherwise specified are f.o.b., factory. Claims for all shortages, damages, or non-delivery in transit shall be made by the consignee to the carrier. Request for proof of delivery must be submitted within 90 days from the date of the shipment.

**Export Shipments:**

Transport charges on export shipments will be f.o.b. factory to any United States port of exit. All special taxes and duties will be the responsibility of the customer.

**BREWTON IRON WORKS, LLC will not knowingly sell or recommend its products for use on equipment that transports people.**

**Returned Goods:**

No goods will be accepted for return unless written authorization is issued from the Home Office in Brewton, Alabama, and a RGA number is obtained. Goods that are returned for any reason other than defective material will be subject to inspection to insure the items to be in "resalable" condition. A minimum 10% handling charge will be deducted from the credit. Goods must be returned prepaid freight.

**Deliveries & Cancellations:**

All orders are considered firm contracts. If we are unable to meet requested delivery requirements and/or our expected dates of shipments, we shall not be liable for any claims for delays beyond our control, nor shall we accept cancellation or suspension unless mutually agreed upon in writing.

**Packaging:**

Additional charges may be made to cover the cost of extra packaging, special engineering, or servicing other than unusual cost elements such as overtime work authorized by purchaser which has not been contemplated.

Export packaging: Price on application.

**Warranty:**

The Company will warrant that the products finished will be free from defect of material and workmanship under normal use and service for a period of ninety days after delivery of the products by the Company. The Company's sole obligation under this warranty shall be to repair or replace any defective product or part which is returned. Transportation will be prepaid within the period mentioned above where examination proves to the satisfaction of Company that the part of product is defective. This warranty shall not apply to any product or part which has been subjected to misuse, negligence or accident. The Company, BREWTON IRON WORKS, LLC, shall not be responsible for any special or consequential damages. This warranty, as set forth, is in lieu of all other warranties either expressed or implied. The seller does not warrant that its manufactured products are merchantable or fit for a particular purpose.

**Patents:**

We will defend and hold harmless purchasers of our products against charges of infringement or apparatus claims of United States Patents issued at the time the product is ordered from us, providing such charges are based exclusively on mechanical infringement by a product designed and manufactured by us. Before this responsibility shall arise, we must be notified in writing and tendered the right to defend, settle or make any changes for the purpose of avoiding infringements. Under no circumstances will our liability exceed the purchase price of the finished product furnished by us.



