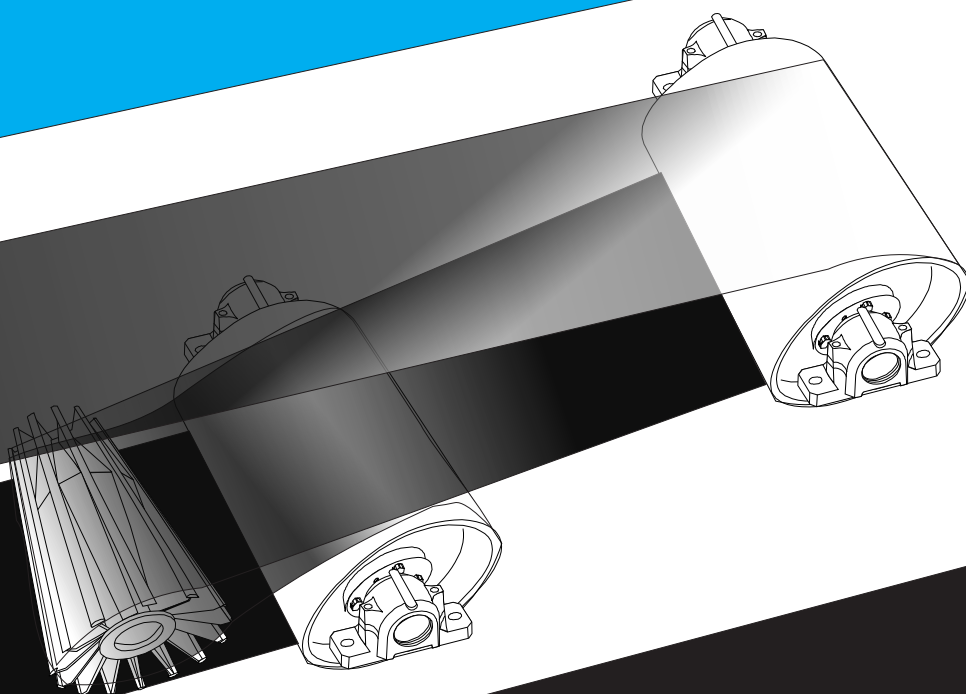




CONVEYOR PULLEY PRODUCTS CATALOG



PULLEYS

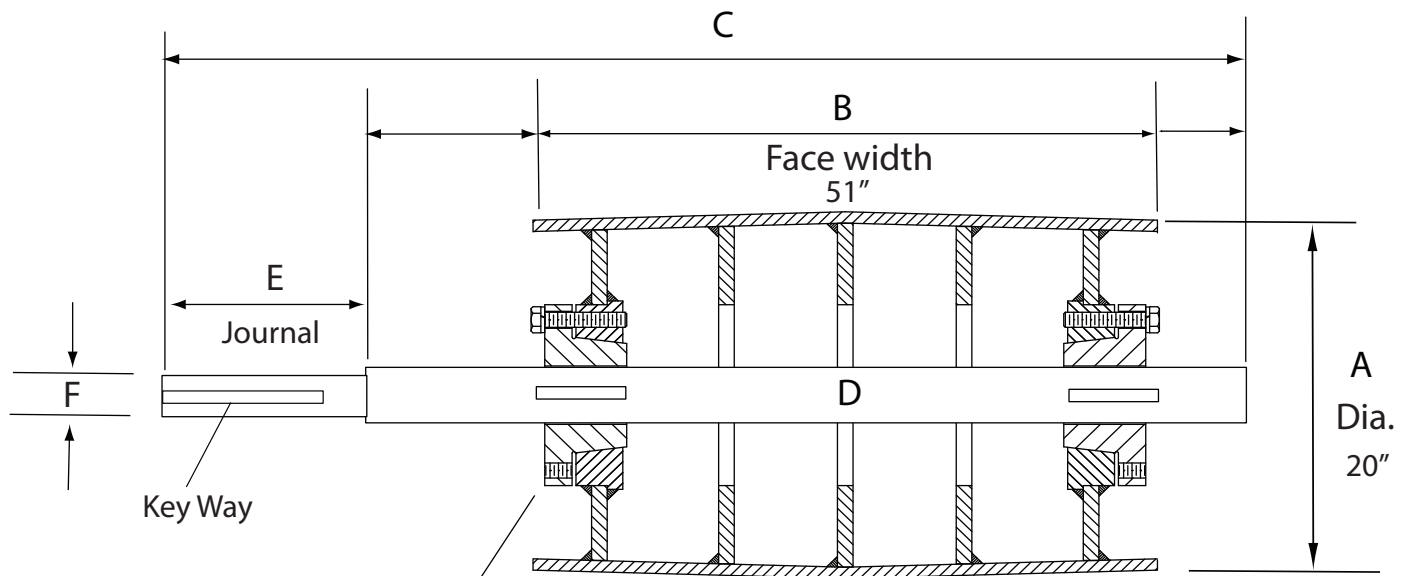
CDL1226XT253H

CDL 12 26 XT25 3 H

Pulley Type		Pulley Face 4" to 63" (standard)	Hub Size & Type	Lagging Thickness	Lagging Type
CD	Crowned Drum				P = Plain
MD	Mine Duty Crowned Drum				HB = Harringbone
CW	Crowned Wing			2=1/4"	D = Diamond
MW	Mine Duty Wing			3=3/8"	C = Ceramic
CDL	Crown Drum Lagged	Pulley OD	XT	QD	
MDL	Mine Duty Lagged	6" Minimum	15	SDS	
MW	Mine Duty Wing	60" Maximum	20	SK	
FF	Flat Face Drum		25	SF	
SW	Spiral Wing		30	E	
MSW	Mine Duty Spiral Wing		35	F	
			40	JS	
			45	MS	
			50	NS	
			60	PS	

Part Number Identification

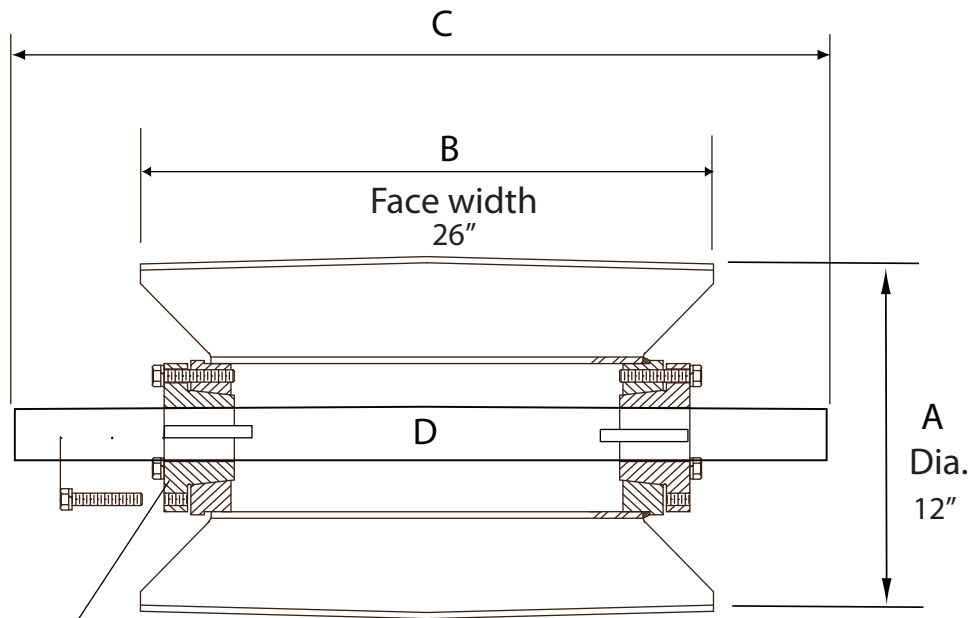
(continued)



XT 40 Bushings

Drum Pulley

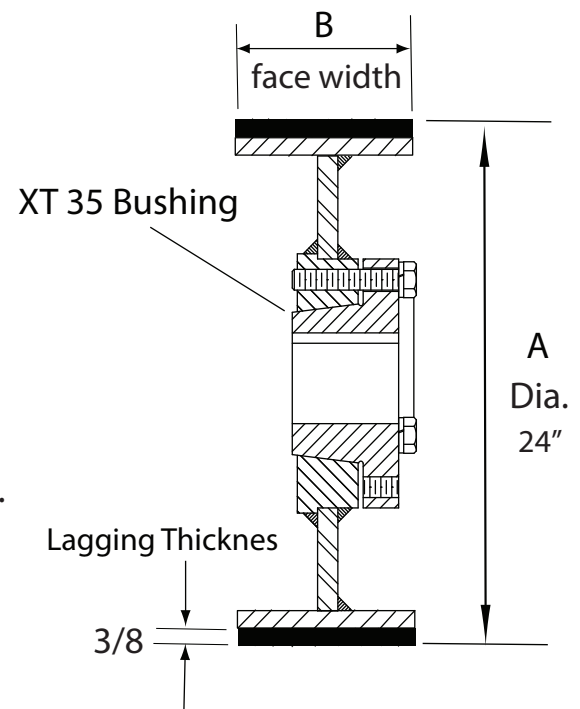
CD20X51XT40



XT 25 Bushings

Wing Pulley

CW1226XT25



Single Disc Drum

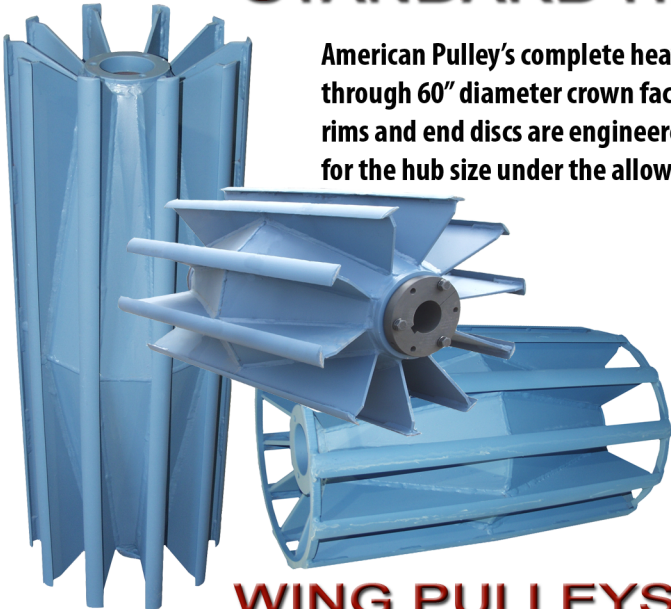
CDL24X10T353P

PULLEY TYPES



STANDARD HEAVY DUTY PULLEYS

American Pulley's complete heavy duty pulley meets CEMA specifications for 10" diameter through 60" diameter crown face pulleys utilizing compression hubs and bushings. The rims and end discs are engineered for minimum shaft deflection of the largest shaft usable for the hub size under the allowable bearing centers for each size listed.



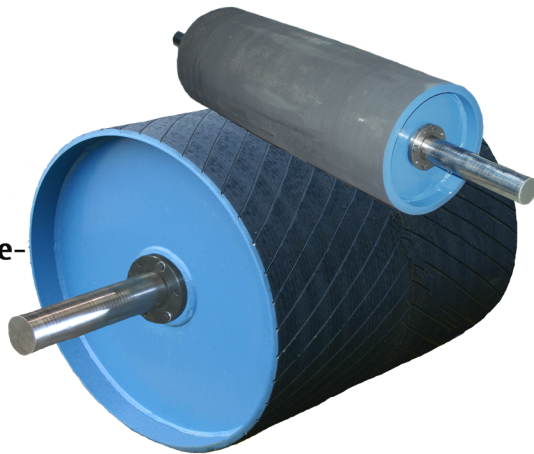
WING PULLEYS



DRUM PULLEYS

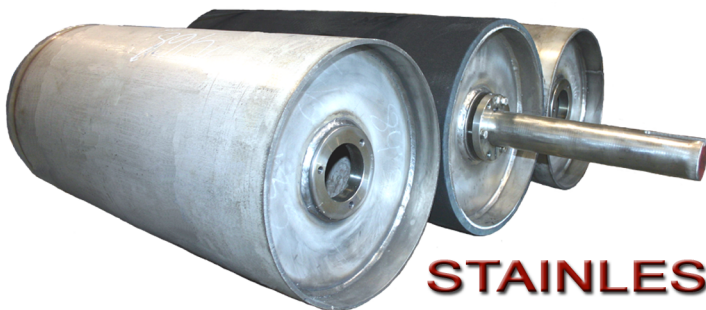
LAGGING

Vulcanized Lagging various durometers and thickness Replaceable slide lagging 1/4"-3/8"-1/2"-3/4" thick. Custom Lagging is also available



PIPE PULLEYS

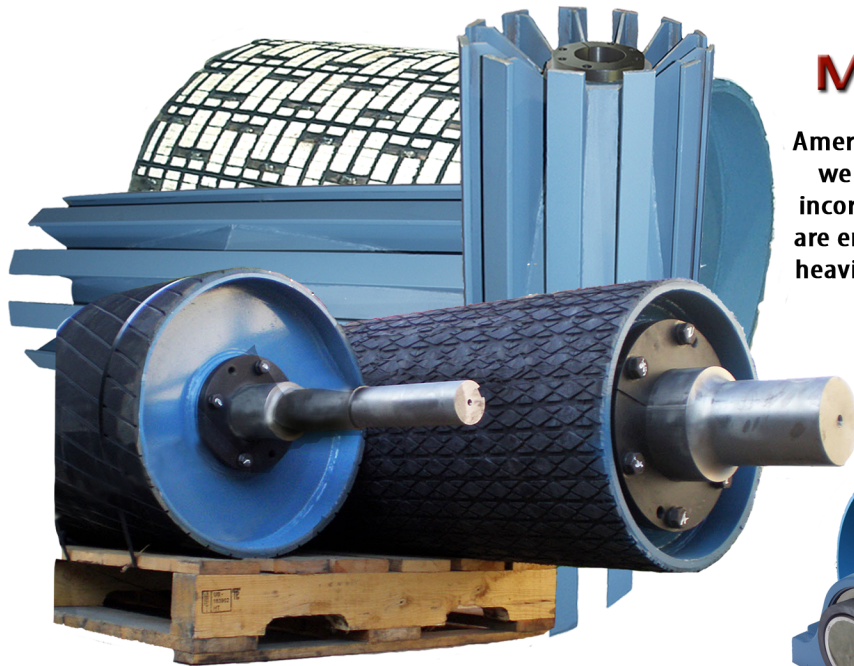
Flat face design from pipe or tube 5" through 6" diameter XT or QD bushings types Live shaft outboard bearings.



STAINLESS STEEL

Drum and wing pulleys available in 304L and 316 Stainless material Bushing ,hubs and shafting also available in stainless

PULLEY TYPES



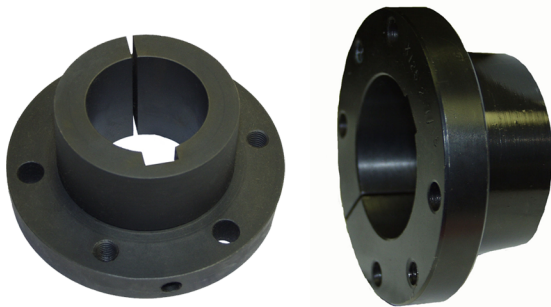
MINE DUTY PULLEYS

American Pulley's offers all pulleys in mine duty standards as well. They are manufactured to the same tolerances and incorporate the same features as our heavy duty pulleys but are engineered for more demanding applications by utilizing heavier end discs, extra center discs, thicker rims and thicker contact bars/gussets on wings.



SHAFT ASSEMBLIES

American Pulley can also ship complete pulley assemblies with shafts, pillow blocks or takeups ready to install



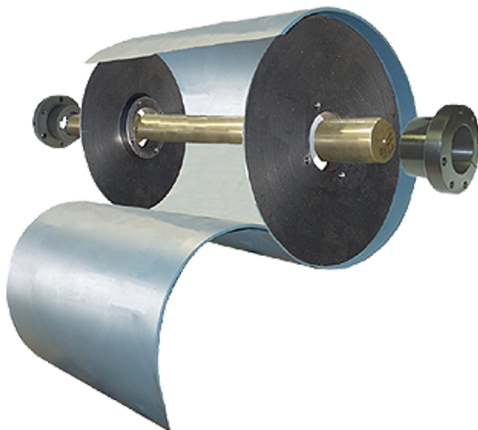
HUBS AND BUSHINGS

Our pulleys come standard with XT and QD compression type hubs and bushings. Keyless Locking devices are also available for more engineered applications



PIPE PULLEYS

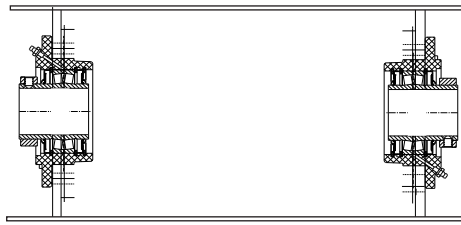
Small, flat faced pulleys are manufactured from pipe/tubing. 4" through 8" diameter are readily available in XT or QD hubs



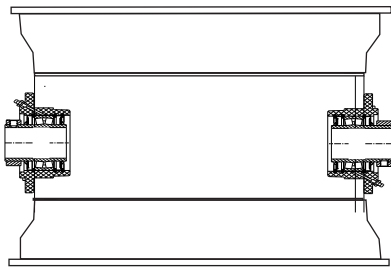
INTEGRAL END DISC

Forged End Discs eliminate welding at the hub and allow for more flexing to reduce stress points and extend the life as an engineered pulley.

LIVE SHAFT

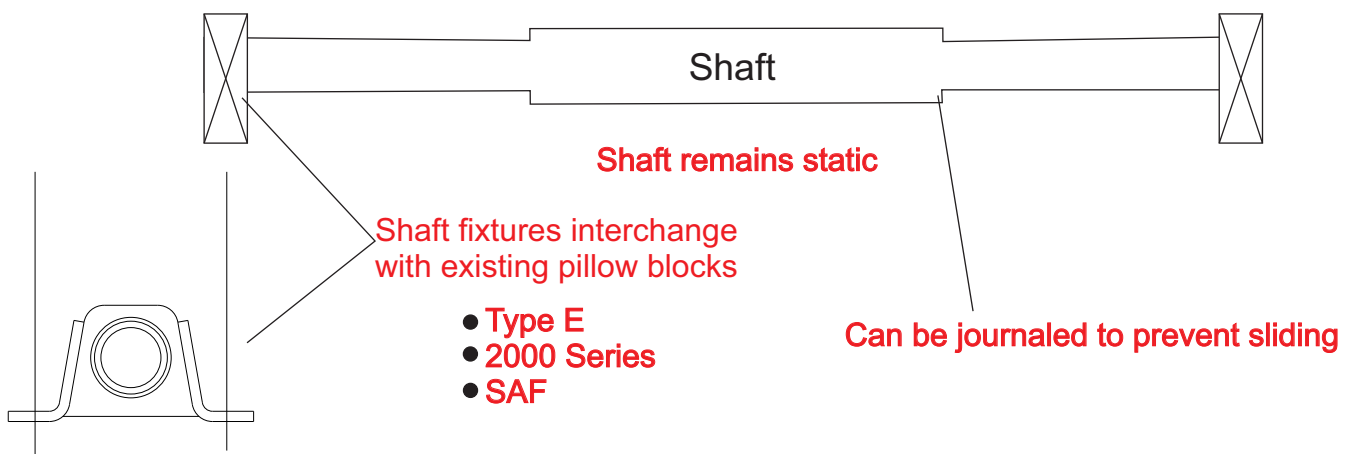
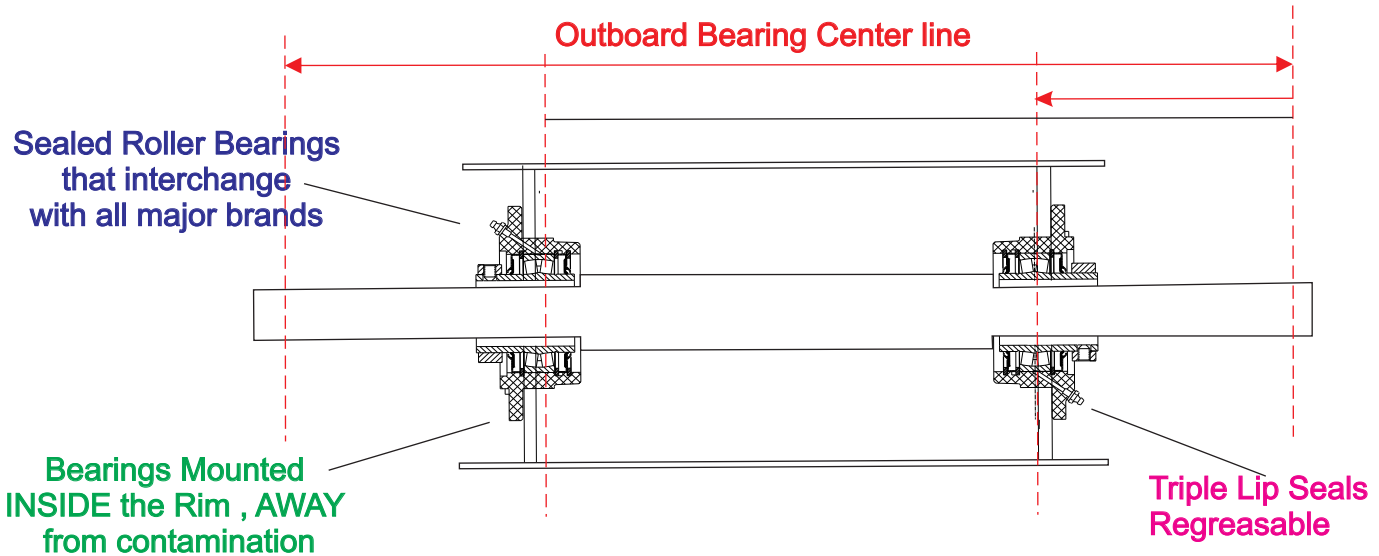


Drum



Wing

Moving Bearings Inboard Dramatically decreases bearing loads . L10 Bearing Life is increased by more than 25%-50% in most cases from traditional pulleys



DRUM PULLEY



TABLE 3.1 XT BUSHING LOCATION DIMENSIONS

Hub	Dimensions			Bushing	Max Bore	Screw Torque (in-lbs.)
	A	B	C			
XT15	5/32	1-1/8	13/16	XT15	1-1/2	96
XT20	7/16	1-13/32	1-1/8	XT20	2	204
XT25	1/2	1 7/8	1-9/16	XT25	2-1/2	360
XT30	1/2	2-1/16	1-3/8	XT30	3	540
XT35	9/16	2-15/32	1-9/16	XT35	3-1/2	840
XT40	5/8	2-13/16	1-13/16	XT40	4	1200
XT45	11/16	3-5/16	2	XT45	4-1/2	1680
XT50	13/16	3-3/4	2-1/4	XT50	5	3000
XT60	7/8	4-1/8	2-1/4	XT60	6	4800
XT70	1	4-11/16	2-3/4	XT70	7	7200
XT80	1-1/8	5-1/8	3-3/16	XT80	8	9000
XT100	1-1/8	6-3/16	3-3/4	XT100	10	9000
XT120	1-1/8	7-1/16	3-3/4	XT120	12	9000

TABLE 3.3 TAPER-LOCK BUSHING LOCATION DIMENSIONS

Hub	Dimensions			Bushing	Max Bore	Screw Torque (in-lbs.)
	A	B	C			
K25	3/4	1-3/4	7/8	2517	2-1/2	430
F25	3/4	1-3/4	7/8	2517	2-1/2	430
F30	3/4	2	1-5/16	3020	3	800
K35	3/4	3-1/2	1-15/16	3535	3-1/12	1000
K40	3/4	4	2-5/8	4040	4	1700
K45	3/4	4-1/2	3-5/16	4545	4-1/2	2450
K50	3/4	5	4-1/16	5050	5	3100
K60	2	5	2-3/8	6050	6	7820
K70	2	6	2-3/8	7060	7	7820
K80	2	6-1/2	2-3/8	8065	8	7820
K100	2	8-1/2	3-3/8	10085	10	13700

TABLE 3.2 QD BUSHING LOCATION DIMENSIONS

Hub	Dimensions			Bushing	Max Bore	Screw Torque (in-lbs.)
	A	B	C			
QDSF	5/8	2-1/16	1-5/8	SF	2-1/2	360
QDE	5/8	2-3/4	1-7/8	DE	2-15/16	720
QDF	1/2	3-3/4	3-5/16	F	3-7/16	904
QDJS	3/4	4-5/8	2-3/16	JS	4	1620
QDMS	2-7/16	6-3/4	1-7/8	MS	4-3/4	2700
QDNS	1-7/8	8-1/8	3-3/16	NS	5-1/4	3600
QDPS	2-7/16	9-3/8	3-3/16	PS	6-1/4	5400
QDWS	2-9/16	11-3/8	3-3/4	WS	8-1/8	7200
QDSS	1-5/8	8-3/4	4-1/16	SS	10	9000

TABLE 3.4 SXT BUSHING LOCATION DIMENSIONS

Hub	Dimensions			Bushing	Max Bore	Screw Torque (in-lbs.)
	A	B	C			
SXT25	1/16	3-1/2	2	XT25	2-1/2	360
SXT30	1/8	3-9/16	1-3/4	XT30	3	540
SXT35	1/4	3-25/32	1-7/8	XT35	3-1/2	840
SXT40	3/8	3-13/16	2-1/16	XT40	4	1200
SXT45	9/16	3-15/16	2-1/8	XT45	4-1/2	1680
SXT50	13/16	4	2-1/4	XT50	5	3000
SXT60	15/16	4-1/8	2-3/16	XT60	6	4800

WING PULLEY

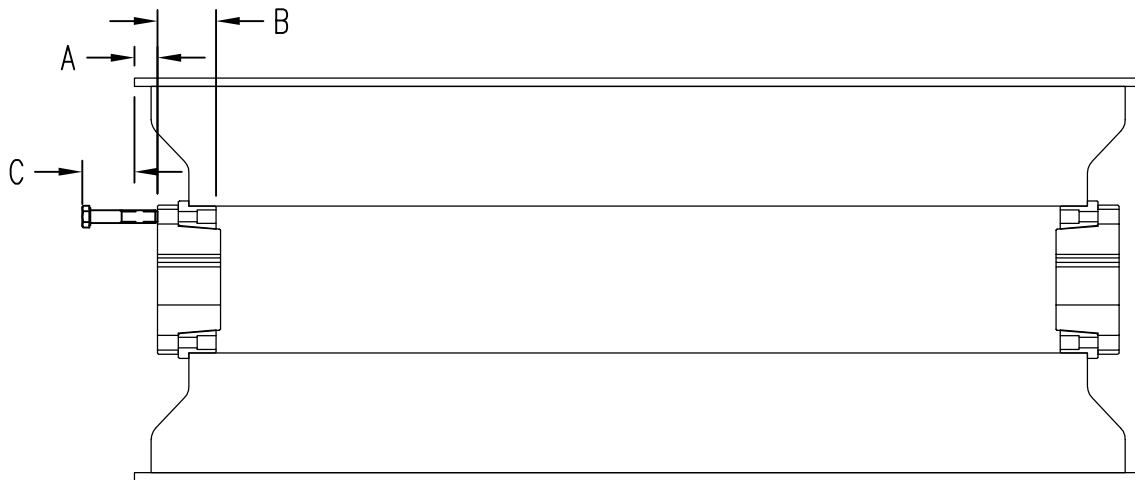


TABLE 3.5 XT BUSHING LOCATION DIMENSIONS

Hub	Dimensions			Bushing	Max Bore	Screw Torque (in-lbs.)
	A	B	C			
XT15	5/32	1-1/8	13/16	XT15	1-1/2	96
XT20	7/16	1-13/32	1-1/8	XT20	2	204
XT25	1/2	1-7/8	1-9/16	XT25	2-1/2	360
XT30	1/2	2-1/16	1-3/8	XT30	3	540
XT35	9/16	2-15/32	1-9/16	XT35	3-1/2	840
XT40	5/8	2-13/16	1-13/16	XT40	4	1200
XT45	11/16	3-5/16	2	XT45	4-1/2	1680
XT50	13/16	3-3/4	2-1/4	XT50	5	3000
XT60	7/8	4-1/8	2-1/4	XT60	6	4800
XT70	1	4-11/16	2-3/4	XT70	7	7200
XT80	1-1/8	5-1/8	3-3/16	XT80	8	9000
XT100	1-1/8	6-3/16	3-3/4	XT100	10	9000
XT120	1-1/8	7-1/16	3-3/4	XT120	12	9000

TABLE 3.7 TAPER-LOCK BUSHING LOCATION DIMENSIONS

Hub	Dimensions			Bushing	Max Bore	Screw Torque (in-lbs.)
	A	B	C			
W16	1-5/8	1-1/2	1/8	1615	2-1/2	430
W25	1-1/2	1-3/4	9/16	2517	2-1/2	430
K30	1-3/4	2	7/8	3020	3	800
K35	2-3/4	3-1/2	5/8	3535	3-1/2	1000
K40	2-3/4	4	1-3/8	4040	4	1700
K45	2-5/8	4-1/2	2	4545	4-1/2	2450
K50	3-3/8	5	1-5/8	5050	5	3100

TABLE 3.6 QD BUSHING LOCATION DIMENSIONS

Hub	Dimensions			Bushing	Max Bore	Screw Torque (in-lbs.)
	A	B	C			
QDSF	5/8	2-1/16	1-5/8	SF	2-1/2	360
QDE	5/8	2-3/4	1-7/8	E	2-15/16	720
QDF	1/2	3-3/4	3-5/16	F	3-7/16	904
QDJS	3/4	4-5/8	2-3/16	JS	4	1620
QDMS	2-7/16	6-3/4	1-7/8	MS	4-3/4	2700
QDNS	1-7/8	8-1/8	3-3/16	NS	5-1/4	3600
QDPS	2-7/16	9-3/8	3-3/16	PS	6-1/4	5400
QDWS	2-9/16	11-3/8	3-3/4	WS	8-1/8	7200
QDSS	1-5/8	8-3/4	4-1/16	SS	10	9000

TABLE 3.8 SXT BUSHING LOCATION DIMENSIONS

Hub	Dimensions			Bushing	Max Bore	Screw Torque (in-lbs.)
	A	B	C			
SXT25	1/16	3-1/2	2	XT25	2-1/2	360
SXT30	1/8	3-9/16	1-3/4	XT30	3	540
SXT35	1/4	3-25/32	1-7/8	XT35	3-1/2	840
SXT40	3/8	3-13/16	2-1/16	XT40	4	1200
SXT45	9/16	3-15/16	2-1/8	XT45	4-1/2	1680
SXT50	13/16	4	2-1/4	XT50	5	3000
SXT60	15/16	4-1/8	2-3/16	XT60	6	4800

BUSHINGS XT & QD



Bushing	Bore	Bushing Keyway	Shaft Keyway	*Weights
XT15	5/8 – 7/8	3/16 X 3/32	3/16 X 3/32	1.1
	15/16 – 1-1/4	1/4 X 1/8	1/4 X 1/8	1.1
	1-5/16 – 1-3/8	5/16 X 5/32	5/16 X 5/32	1.1
	1-7/16 – 1-1/2	3/8 X 1/8	3/8 X 3/16	1.1
XT20	3/4 – 7/8	3/16 X 3/32	3/16 X 3/32	2.1
	15/16 – 1-1/4	1/4 X 1/8	1/4 X 1/8	2.1
	1-5/16 – 1-3/8	5/16 X 5/32	5/16 X 5/32	2.1
	1-7/16 – 1-3/4	3/8 X 3/16	3/8 X 3/16	2.1
	1-13/16 – 2	1/2 X 3/16	1/2 X 1/4	2.1
XT25	1 – 1-1/4	1/4 X 1/8	1/4 X 1/8	3.5
	1-5/16 – 1-3/8	5/16 X 5/32	5/16 X 5/32	3.5
	1-7/16 – 1-3/4	3/8 X 3/16	3/8 X 3/16	3.5
	1-13/16 – 2-1/4	1/2 X 1/4	1/2 X 1/4	3.5
	2-5/16 – 2-1/2	5/8 X 1/8	5/8 X 5/16	3.5
XT30	1-7/16 – 1-3/4	3/8 X 3/16	3/8 X 3/16	6.2
	1-13/16 – 2-1/4	1/2 X 1/4	1/2 X 1/4	6.2
	2-5/16 – 2-3/4	5/8 X 5/16	5/8 X 5/16	6.2
	2-13/16	3/4 X 3/8	3/4 X 3/8	6.2
	2-7/8 – 3	3/4 X 3/16	3/4 X 3/8	6.2
XT35	1-15/16 – 2-1/4	1/2 X 1/4	1/2 X 1/4	10.4
	2-5/16 – 2-3/4	5/8 X 5/16	5/8 X 5/16	10.4
	2-13/16 – 3-1/4	3/4 X 3/8	3/4 X 3/8	10.4
	3-5/16 – 3-3/8	7/8 X 7/16	7/8 X 7/16	10.4
	3-7/16 – 3-1/2	7/8 X 5/16	7/8 X 7/16	10.4
XT40	2-7/16 – 2-3/4	5/8 X 5/16	5/8 X 5/16	13.3
	2-13/16 – 3-1/4	3/4 X 3/8	3/4 X 3/8	13.3
	3-5/16 – 3-3/4	7/8 X 7/16	7/8 X 7/16	13.3
	3-13/16	1 X 1/2	1 X 1/2	13.3
	3-7/8 – 4	1 X 3/8	1 X 1/2	13.3
XT45	3-7/16 – 3-3/4	7/8 X 7/16	7/8 X 7/16	18.5
	3-13/16 – 4-5/16	1 X 1/2	1 X 1/2	18.5
	4-3/8 – 4-1/2	1 X 3/8	1 X 1/2	18.5
XT50	3-15/16 – 4-1/2	1 X 1/2	1 X 1/2	35.5
	4-9/16 – 5	1-1/4 X 5/8	1-1/4 X 5/8	35.5
XT60	4-15/16 – 5-1/2	1-1/4 X 5/8	1-1/4 X 5/8	48
	5-9/16 – 6	1-1/2 X 3/4	1-1/2 X 3/4	48
XT70	5-5/16 – 5-1/2	1-1/4 X 5/8	1-1/4 X 5/8	74.6
	5-9/16 – 6-1/2	1-1/2 X 3/4	1-1/2 X 3/4	74.6
	6-9/16 – 7	1-3/4 X 3/4	1-3/4 X 3/4	74.6
XT80	6-15/16 – 7-1/2	1-3/4 X 3/4	1-3/4 X 3/4	96.6
	7-9/16 – 8	2 X 3/4	2 X 3/4	96.6
XT100	8-1/2, 9	2 X 3/4	2 3/4	146
	9-7/16, 9-1/2, 10	2-1/2 X 7/8	2-1/2 X 7/8	146

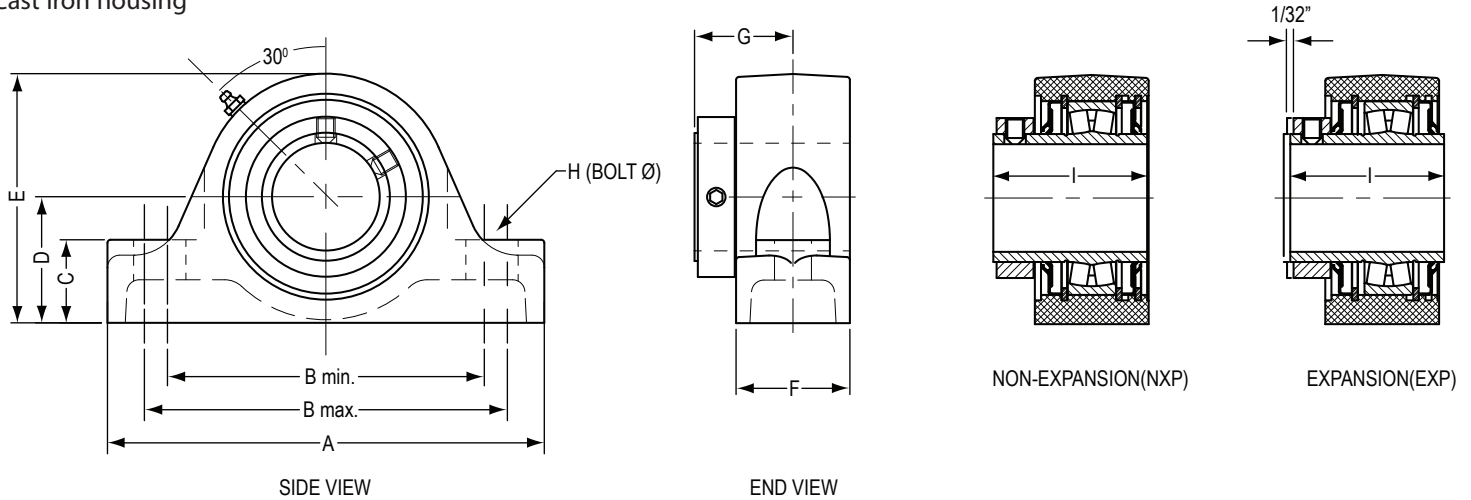
Bushing	Bore	Bushing Keyway	Shaft Keyway	*Weights
SF	1/2 – 9/16	1/8 X 1/16	1/8 X 1/16	4
	5/8 – 7/8	3/16 X 3/32	3/16 X 3/32	4
	15/16 – 1-1/4	1/4 X 1/8	1/4 X 1/8	4
	1-5/16 – 1-3/8	5/16 X 5/32	5/16 X 5/32	4
	1-7/16 – 1-1-3/4	3/8 X 3/16	3/8 X 3/16	4
	1-13/16 – 2-1/4	1/2 X 1/4	1/2 X 1/4	4
	2-5/16	5/8 X 5/16	5/8 X 5/16	4
E	2-3/8 – 2-1/2	5/8 X 3/16	5/8 X 5/16	4
	1 – 1-3/8	5/16 X 5/32	5/16 X 5/32	8.7
	1-7/16 – 1-3/4	3/8 X 3/16	3/8 X 3/16	8.7
	1-13/16 – 2-1/4	1/2 X 1/4	1/2 X 1/4	8.7
	2-5/16 – 2-3/4	5/8 X 5/16	5/8 X 5/16	8.7
	2-13/16 – 2-7/8	3/4 X 3/8	3/4 X 3/8	8.7
	2-15/16	3/4 X 1/8	3/4 X 3/8	8.7
F	1-13/16 – 2-1/4	1/2 X 1/4	1/2 X 1/4	13
	2-5/16 – 2-3/4	5/8 X 5/16	5/8 X 5/16	13
	2-13/16 – 3-1/4	3/4 X 3/8	3/4 X 3/8	13
	3-5/16 – 3-7/16	7/8 X 3/16	7/8 X 7/16	13
JS	2-13/16 – 3-1/4	3/4 X 3/8	3/4 X 3/8	17.8
	3-5/16 – 3-3/4	7/8 X 7/16	7/8 X 7/16	17.8
	3-13/16	1 X 1/8	1 X 1/2	17.8
	3-7/8 – 4	1 X 1/8	1 X 1/2	17.8
MS	2-13/16 – 3-1/4	3/4 X 3/8	3/4 X 3/8	44.2
	3-5/16 – 3-3/4	7/8 X 7/16	7/8 X 7/16	44.2
	3-13/16 – 4-9/16	1 X 1/2	1 X 1/2	44.2
	4-11/16 – 4-3/4	1-1/4 X 5/8	1-1/4 X 5/8	44.2
NS	3-5/16 – 3-3/4	7/8 X 7/16	7/8 X 7/16	52.7
	3-13/16 – 4-1/2	1 X 1/2	1 X 1/2	52.7
	4-3/4 – 5-1/2	1-1/4 X 5/8	1-1/4 X 5/8	52.7
PS	3-15/16 – 4-1/2	1 X 1/2	1 X 1/2	84.1
	4-3/4 – 5-1/2	1-1/4 X 5/8	1-1/4 X 5/8	84.1
	5-15/16	1-1/2 X 3/4	1-1/2 X 3/4	84.1
WS	5-3/4 – 6-1/2	1-1/2 X 3/4	1-1/2 X 3/4	183
	7 – 7-1/2	1-3/4 X 3/4	1-3/4 X 3/4	183
	8	2 X 1/4	2 X 3/4	183

JA Pillow Block



Pillow Blocks (2-Bolt) JA-2000

- Fully self-aligning
- Fixed and expansion units
- Cast iron housing



SHAFT DIA.	ASSEMBLY DESIGNATION	TOTAL WEIGHT LBS.	A	B		C	D	E	F	G	H bolt Ø	I
				MIN	MAX							
17/16	JA2107	6.5	67/8	411/16	55/16	13/16	17/8	37/8	21/8	13/4	1/2	23/4
11/2	JA2108	6.5										
111/16	JA2111	8.5	73/8	53/16	513/16	15/16	21/8	41/4	21/8	17/8	1/2	27/8
13/4	JA2112	8.0										
115/16	JA2115	10.5	83/8	515/16	69/16	13/8	21/4	45/8	23/8	17/8	5/8	27/8
2	JA2200	10.0										
23/16	JA2203	12.0	87/8	67/16	71/16	15/8	21/2	5	23/8	2	5/8	31/8
27/16	JA2207	18.0	91/4	613/16	77/16	13/4	23/4	511/16	25/8	21/8	5/8	33/8
21/2	JA2208	17.0										
211/16	JA2211	24.0	101/2	713/16	87/16	21/4	31/4	67/16	25/8	23/8	3/4	35/8
23/4	JA2212	24.0										
215/16	JA2215	22.0										
3	JA2300	22.0										
37/16	JA2307	34.0	13	91/4	103/4	21/4	33/4	71/2	3	25/8	7/8	41/32
31/2	JA2308	33.8										
311/16	JA2311	49.8	141/4	10	113/4	21/2	41/8	87/16	33/8	3	1	419/32
315/16	JA2315	48.0										
4	JA2400	48.0										

NOTE: For expansion unit specify EXP.
Steel Housings - see page 3.
All units come as standard with triple guard seal.

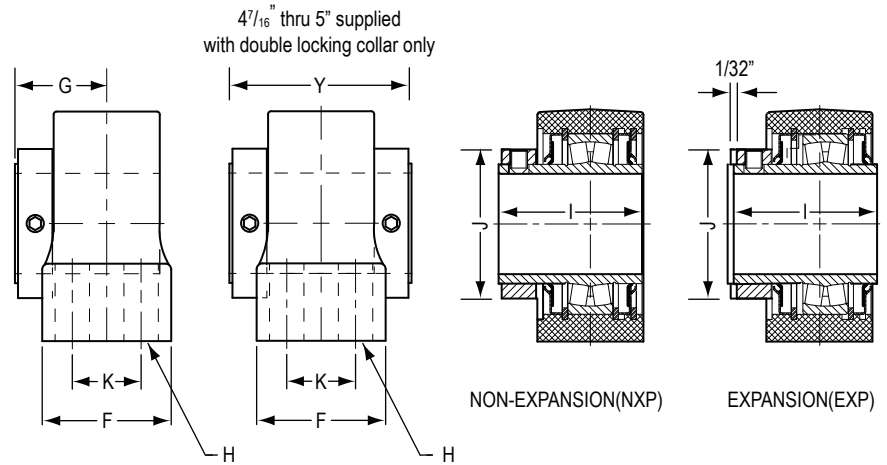
JE-2000

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SHAFT DIA.	ASSEMBLY DESIGNATION	TOTAL WT. (LBS.)	A	B		C	D	E	F	G	H BOLT Ø	I	J	S
				min.	max.									
1⅜	JE2106	8.4	7⅝	5½	6	1⅞	1⅞	3⅞	2⅞	1¾	½	2¾	2⅜	¾
1⅞ ₁₆	JEP2107	8.0												
1½	JE2108	9.8	7⅞	6⅞	6⅜	1¼	2⅞	4¼	2⅜	1⅞	½	2⅞	2⅝	¾
1⅝	JE2110	9.6												
1⅞ ₁₆	JE2111	9.3												
1¾	JE2112	9.3												
1⅞	JE2114	10.7	8⅞	6¾	7¼	1⅝ ₁₆	2¼	4½	2½	1⅞	⅝	2⅞	2⅞	⅞
1⅞ ₁₆	JE2115	10.5												
2	JE2200	10.5												
2⅜ ₁₆	JE2203	13.5												
2¼	JE2204	18.7	10½	8¼	8¾	1⅜	2¾	5⅞ ₁₆	2⅞	2⅞	⅝	3⅜	4	⅞
2⅞ ₁₆	JE2207	18.5												
2½	JE2208	18.5												
2⅞ ₁₆	JE2211	26.5												
2¾	JE2212	25.5	12	9¼	9¾	1⅞	3⅞	6⅝ ₁₆	3	2⅜	¾	3⅝	4½	1
2⅞ ₁₆	JE2215	22.5												
3	JE2300	22.5												
3⅜ ₁₆	JE2303	36.2												
3¼	JE2304	36.0	14	10⅞ ₁₆	11⅝	2¼	3¾	7½	3⅝	2⅞	⅞	4⅞ ₃₂	5⅞	1⅞ ₁₆
3⅞ ₁₆	JE2307	35.5												
3½	JE2308	35.5												

JE-2000

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- Technical drawing of a semi-cylindrical component. The drawing shows a cross-section of the component, which has a semi-circular top and a flat base. The dimensions are labeled as follows:
- A**: Total width of the component.
 - B min.**: Minimum width of the base.
 - B max.**: Maximum width of the base.
 - C**: Height of the base.
 - D**: Height of the semi-circular top.
 - E**: Total height of the component.
 - 30°**: Angle of the semi-circular top.



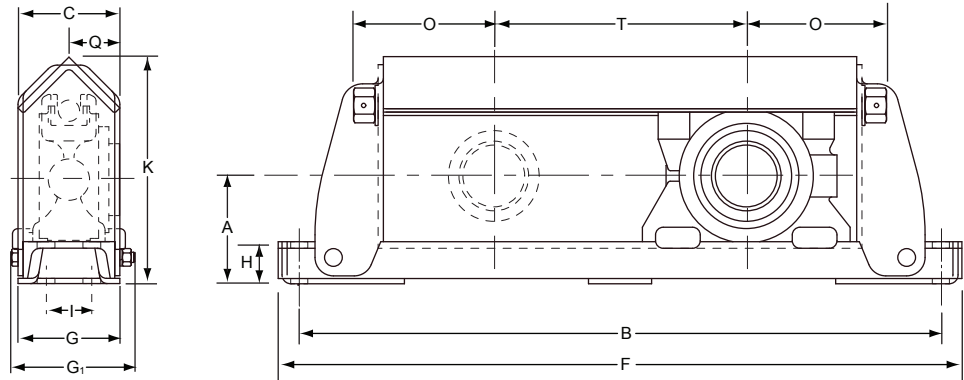
SHAFT DIA.	ASSEMBLY DESIGNATION	TOTAL WT. (LBS.)	A	B		C	D	E	F	G	H BOLT Ø	I	J	K	Y
				min.	max.										
2¼	JE2204F	19.3	10½	8¼	8¾	1⅝	2¾	5¹¹⁄₁₆	3½	2⅞	⅝	3⅝	4¹⁄₁₆	17⁄₈	—
27⁄₁₆	JE2207F	19.0													
2½	JE2208F	19.0													
2¹¹⁄₁₆	JE2211F	28.1	12	9⅞	9⅞	17⁄₈	3⅞	6⁵⁄₁₆	4	2¾	⅝	3⅝	4²³⁄₃₂	2⅞	—
2¾	JE2212F	28.1													
2¹⁹⁄₁₆	JE2215F	28.0													
3	JE2300F	28.0													
3⅜	JE2303F	38.0	14	10⁹⁄₁₆	117⁄₁₆	2¼	3¾	7½	4½	2⅝	¾	4½₃₂	5¹7⁄₃₂	2⅜	—
3¼	JE2304F	38.0													
37⁄₁₆	JE2307F	38.0													
3½	JE2308F	37.6													
3¹¹⁄₁₆	JE2311F	55.0	15¼	12	13	27⁄₁₆	4¼	8⁹⁄₁₆	4½	3	¾	4¹⁹⁄₃₂	6	2¼	—
3¹⁹⁄₁₆	JE2315F	55.0													
4	JE2400F	53.0													
47⁄₁₆	JE5407F	75.0	16⅝	13⅞	137⁄₈	2¾	4¾	9⅝	4⅝	3¹⁄₁₆	¾	6⅞	67⁄₁₆	2½	6⅞
4½	JE5408F	75.0													
4¹⁵⁄₁₆	JE5415F	106.0	18½	15⅞	157⁄₈	3	5½	107⁄₈	5⅞	3⁵⁄₁₆	7⁄₈	67⁄₈	77⁄₁₆	27⁄₈	6⅝
5	JE5500F	106.0													
57⁄₁₆	JE5507F	230.0	22	17⅜	19⅞	3¼	6¹¹⁄₁₆	13³⁄₁₆	6¼	4½	1	9	9⅝	3¾	—
5¹⁹⁄₁₆	JE5515F	250.0													
6	JE5600F	245.0													
67⁄₁₆	JE5607F	356.0	26	21¼	23¼	3¹¹⁄₁₆	7½	14¹⁵⁄₁₆	7⅞	5¼	1	10½	11⅜	4⅝	—
6½	JE5608F	350.0													
6¹⁵⁄₁₆	JE5615F	340.0													
7	JE5700F	335.0													

JNT TOP ANGLE TAKEUP



Protected Screw Takeup Assembly JNT-2000

- 2000 Series roller bearing
- Normal duty rating
- Welded steel frame



SHAFT SIZE	COMPLETE ASSY. NUMBER	COMPLETE ASSY. WT.	FRAME ASSY. NUMBER	FRAME ASSY. WT.	ALLOWABLE WORKING LOAD†	A	B	C	F	G	G ₁	H	I	K	TRAVEL T	O	Q	REQ. BOLTS	
																		NO.	SIZE
1 ¹⁵ / ₁₆ 2	JNT6-2115 JNT6-2200	12	44	12	29	3 ¹⁵ / ₁₆	26 ¹ / ₂	2 ⁷ / ₈	28 ¹ / ₂	3 ¹ / ₂	4 ¹ / ₈	1 ³ / ₄	—	8 ¹ / ₄	12	7 ¹ / ₄	1 ⁷ / ₈	2	5/8
		18	49	18	34		32 ¹ / ₂		34 ¹ / ₂						18				
		24	55	24	40		38 ¹ / ₂		40 ¹ / ₂						24				
		30	60	30	45		44 ¹ / ₂		46 ¹ / ₂						30				
		36	65	36	50		50 ¹ / ₂		52 ¹ / ₂						36				
2 ³ / ₁₆	JNT7-2203	12	52	12	35	4 ³ / ₁₆	27 ¹ / ₂	3 ¹ / ₈	29 ¹ / ₂	3 ¹ / ₂	4 ¹ / ₈	1 ³ / ₄	—	8 ¹ / ₁₆	12	7 ³ / ₄	2	2	5/8
		18	58	18	41		33 ¹ / ₂		35 ¹ / ₂						18				
		24	64	24	47		39 ¹ / ₂		41 ¹ / ₂						24				
		30	71	30	54		45 ¹ / ₂		47 ¹ / ₂						30				
		36	76	36	59		51 ¹ / ₂		53 ¹ / ₂						36				
2 ⁷ / ₁₆ 2 ¹ / ₂	JNT8-2207 JNT8-2208	12	84	12	62	4 ³ / ₈	28 ¹ / ₂	3 ³ / ₈	30 ¹ / ₂	3 ¹ / ₂	4 ¹ / ₈	1 ³ / ₄	—	9 ¹ / ₄	12	8 ¹ / ₄	2 ¹ / ₈	2	3/4
		18	89	18	67		34 ¹ / ₂		36 ¹ / ₂						18				
		24	94	24	72		40 ¹ / ₂		42 ¹ / ₂						24				
		30	99	30	78		46 ¹ / ₂		48 ¹ / ₂						30				
		36	104	36	82		52 ¹ / ₂		54 ¹ / ₂						36				
2 ¹ / ₁₆ 2 ¹⁵ / ₁₆ 3	JNT9-2211 JNT9-2215 JNT9-2300	12	99	12	69	5 ¹ / ₈	30 ¹ / ₂	3 ⁵ / ₈	32 ¹ / ₂	4 ¹ / ₂	5 ¹ / ₈	2	2	10 ¹ / ₁₆	12	9 ¹ / ₄	2 ³ / ₈	4	3/4
		18	107	18	77		36 ¹ / ₂		38 ¹ / ₂						18				
		24	115	24	85		42 ¹ / ₂		44 ¹ / ₂						24				
		30	123	30	93		48 ¹ / ₂		50 ¹ / ₂						30				
		36	131	36	101		54 ¹ / ₂		56 ¹ / ₂						36				
3 ⁷ / ₁₆ 3 ¹ / ₂	JNT10-2307 JNT10-2308	12	114	12	70	5 ⁵ / ₈	32	4 ¹ / ₃₂	34 ¹ / ₄	4 ¹ / ₂	5 ⁵ / ₈	2	2	12 ¹ / ₁₆	12	10	2 ¹ / ₃₂	4	3/4
		18	122	18	78		38		40 ¹ / ₄						18				
		24	130	24	86		44		46 ¹ / ₄						24				
		30	138	30	94		50		52 ¹ / ₄						30				
		36	146	36	102		56		58 ¹ / ₄						36				
3 ¹ / ₁₆ 3 ¹⁵ / ₁₆ 4	JNT11-2311 JNT11-2315 JNT11-2400	12	227	12	130	7	36	4 ¹ / ₃₂	38 ¹ / ₂	5 ¹ / ₂	6 ⁷ / ₈	2 ¹ / ₄	2 ¹ / ₂	14 ⁵ / ₈	12	12	2 ³ / ₃₂	4	3/4
		18	238	18	141		42		44 ¹ / ₂						18				
		24	250	24	153		48		50 ¹ / ₂						24				
		30	261	30	164		54		56 ¹ / ₂						30				
		36	273	36	176		60		62 ¹ / ₂						36				

NOTES: 1) Dimensions subject to change. Certified dimensions of ordered material furnished on request.

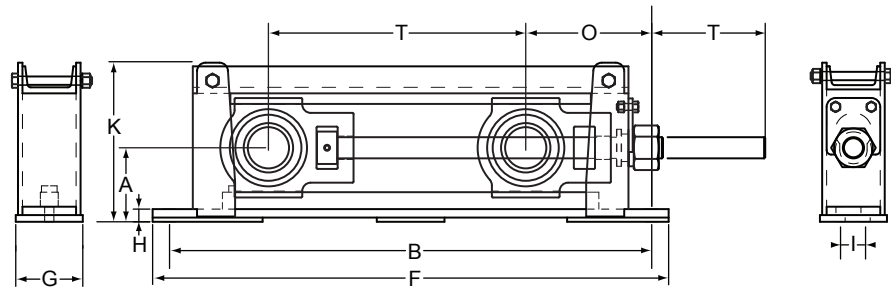
† Allowable working load is ²/₃ yield strength.

JHT CENTER PULL TAKEUP



Heavy Duty Center-Pull Takeup Assembly JHT-2000 / JHT-5000

- Self-aligning roller bearing
- Welded steel frame
- Metric sizes available



SHAFT DIA.	COMPLETE ASSY. NUMBER	COMPLETE ASSY. WT.	FRAME ASSY. ONLY	FRAME NET WT.	ALLOWABLE WORKING LOAD†	A	B	F	G	H	I	K	TRAVEL T	O	BOLTS REQ.	
															NO.	SIZE
1 ¹⁵ / ₁₆ 2	JHT6-2115 JHT6-2200	-12	73	CHT6-12	58	3 ¹⁵ / ₁₆	27 ¹ / ₂	29 ¹ / ₂	4	7 ⁸ / ₈	—	8 ³ / ₁₆	15 ¹ / ₂	6 ³ / ₈	2	5 ⁸ / ₈
		-18	84	CHT6-18	69		33 ¹ / ₂	35 ¹ / ₂					21 ¹ / ₂			
		-24	95	CHT6-24	80		39 ¹ / ₂	41 ¹ / ₂					27 ¹ / ₂			
		-30	106	CHT6-30	91		45 ¹ / ₂	47 ¹ / ₂					33 ¹ / ₂			
		-36	117	CHT6-36	102		51 ¹ / ₂	53 ¹ / ₂					39 ¹ / ₂			
2 ³ / ₁₆	JHT7-2203	-12	85	CHT7-12	67	4 ⁷ / ₁₆	27 ¹ / ₂	29 ¹ / ₂	4	1 ¹ / ₁₆	—	9	15	6 ³ / ₄	2	5 ⁸ / ₈
		-18	96	CHT7-18	78		33 ¹ / ₂	35 ¹ / ₂					21			
		-24	108	CHT7-24	90		39 ¹ / ₂	41 ¹ / ₂					27			
		-30	119	CHT7-30	101		45 ¹ / ₂	47 ¹ / ₂					33			
		-36	130	CHT7-36	112		51 ¹ / ₂	53 ¹ / ₂					39			
2 ⁷ / ₁₆ 2 ¹ / ₂	JHT8-2207 JHT8-2208	-12	98	CHT8-12	74	4 ³ / ₈	28 ¹ / ₂	30 ¹ / ₂	4	3 ⁴ / ₄	—	9 ³ / ₁₆	15	7 ¹ / ₂	2	3 ⁴ / ₄
		-18	110	CHT8-18	86		34 ¹ / ₂	36 ¹ / ₂					21			
		-24	122	CHT8-24	98		40 ¹ / ₂	42 ¹ / ₂					27			
		-30	134	CHT8-30	110		46 ¹ / ₂	48 ¹ / ₂					33			
		-36	146	CHT8-36	122		52 ¹ / ₂	54 ¹ / ₂					39			
2 ¹ / ₁₆ 2 ¹ / ₁₆ 3	JHT9-2211 JHT9-2215 JHT9-2300	-12	145	CHT9-12	115	5 ¹ / ₈	30 ¹ / ₂	32 ¹ / ₂	5	1 ¹ / ₈	2	10 ⁷ / ₈	16	8 ¹ / ₈	4	5 ⁸ / ₈
		-18	161	CHT9-18	131		36 ¹ / ₂	38 ¹ / ₂					22			
		-24	175	CHT9-24	145		42 ¹ / ₂	44 ¹ / ₂					28			
		-30	195	CHT9-30	165		48 ¹ / ₂	50 ¹ / ₂					34			
		-36	202	CHT9-36	182		54 ¹ / ₂	56 ¹ / ₂					40			
3 ⁷ / ₁₆ 3 ¹ / ₂	JHT10-2307 JHT10-2308	-12	161	CHT10-12	126	5 ⁵ / ₈	32	34 ¹ / ₄	5	1 ¹ / ₈	2	11 ¹ / ₁₆	16	8 ³ / ₄	4	3 ⁴ / ₄
		-18	180	CHT10-18	145		38	40 ¹ / ₄					22			
		-24	199	CHT10-24	164		44	46 ¹ / ₄					28			
		-30	218	CHT10-30	183		50	52 ¹ / ₄					34			
		-36	237	CHT10-36	202		56	58 ¹ / ₄					40			
3 ¹ / ₁₆ 3 ¹ / ₁₆ 4	JHT11-2311 JHT11-2315 JHT11-2400	-12	244	CHT11-12	195	7	36	38 ¹ / ₂	6	1 ³ / ₈	2 ¹ / ₂	14 ³ / ₈	17 ¹ / ₂	10 ⁵ / ₈	4	3 ⁴ / ₄
		-18	276	CHT11-18	227		42	44 ¹ / ₂					23 ¹ / ₂			
		-24	302	CHT11-24	253		48	50 ¹ / ₂					28 ¹ / ₂			
		-30	327	CHT11-30	278		54	56 ¹ / ₂					35 ¹ / ₂			
		-36	353	CHT11-36	304		60	62 ¹ / ₂					40 ¹ / ₂			
4 ⁷ / ₁₆ 4 ¹ / ₂	JHT12-5407 JHT12-5408	-12	363	CHT12-12	279	7 ¹ / ₂	40 ³ / ₄	45 ³ / ₄	8 ⁷ / ₈	1 ³ / ₈	5	15 ¹ / ₂	19	12 ¹ / ₄	4	1 ¹ / ₈
		-18	391	CHT12-18	307		46 ³ / ₄	51 ³ / ₄					25			
		-24	418	CHT12-24	334		52 ³ / ₄	57 ³ / ₄					31			
		-30	447	CHT12-30	363		58 ³ / ₄	63 ³ / ₄					37			
		-36	468	CHT12-36	384		64 ³ / ₄	69 ³ / ₄					43			
4 ¹ / ₁₆ 5	JHT13-5415 JHT13-5500	-42	504	CHT12-42	420		70 ³ / ₄	75 ³ / ₄					49			
		-12	440	CHT13-12	310	8 ¹ / ₈	44 ¹ / ₂	49 ¹ / ₂	9 ⁷ / ₈	1	5 ¹ / ₂	16 ³ / ₄	20 ¹ / ₄	13 ¹ / ₂	4	1 ¹ / ₈
		-18	460	CHT13-18	330		50 ¹ / ₂	55 ¹ / ₂					26 ¹ / ₄			
		-24	496	CHT13-24	365		56 ¹ / ₂	61 ¹ / ₂					32 ¹ / ₄			
		-30	527	CHT13-30	397		62 ¹ / ₂	67 ¹ / ₂					38 ¹ / ₄			
		-36	555	CHT13-36	425		68 ¹ / ₂	73 ¹ / ₂					44 ¹ / ₄			
5 ⁷ / ₁₆	JHT14-5507	-42	587	CHT13-42	457		74 ¹ / ₂	79 ¹ / ₂					50 ¹ / ₄			
		-18	1293	CHT14-18	876	10 ³ / ₁₆	55	61	9 ⁷ / ₈	1	5 ¹ / ₂	16 ³ / ₄	18	13 ¹ / ₂	4	1 ¹ / ₈
		-30	1420	CHT14-30	1003		67	73					30			
		-42	1547	CHT14-42	1130		79	85					42			
		-18	1300	CHT15-18	878		55	61					18			
		-30	1427	CHT15-30	995		67	73					30			
5 ¹ / ₁₆ 6	JHT15-5515 JHT15-5600	-42	1547	CHT15-42	1121		79	85					42			
		-18	1304	CHT16-18	876	10 ⁹ / ₁₆	55	61	12	1 ¹ / ₂	7	22 ¹ / ₂	18	23 ¹ / ₂	4	1 ³ / ₄
		-30	1431	CHT16-30	1003		67	73					30			
		-42	1558	CHT16-42	1130		79	85					42			
		-18	1304	CHT16-18	876		55	61					18			
		-30	1431	CHT16-30	1003		67	73					30			
6 ⁷ / ₁₆ 6 ¹ / ₁₆ 7	JHT16-5607 JHT16-5615	-42	1558	CHT16-42	1130		79	85					42			
		-18	1304	CHT16-18	876		55	61					18			
		-30	1431	CHT16-30	1003		67	73					30			
		-42	1558	CHT16-42	1130		79	85					42			

NOTES: 1) Dimensions subject to change. Certified dimensions of ordered material furnished on request.

2) For takeup blocks, see page 5.

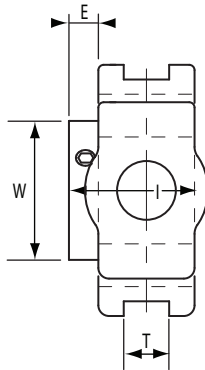
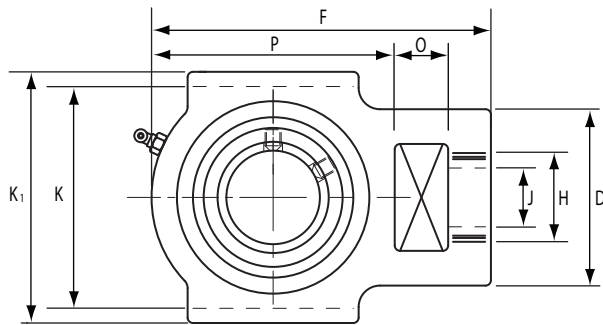
† Allowable working load is $\frac{2}{3}$ yield strength.

JT CENTER PULL BEARING

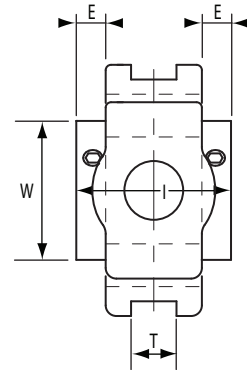


Takeup Block S - Normal & Heavy Duty JT-2000 / JT-5000

- Takeup blocks on this page may be used with JHT, JFT, JAT, JGT or CU frame
- Fixed and expansion units



2000 Series



5000 Series

SHAFT SIZE	2000 SERIES	5000 SERIES	WORKING LOAD †	SIZE CODE	I		D	E	F	H	I	J	K +.005 -.0015	K1	O	P	T +.005 -.015	W	WEIGHT 2000	WEIGHT 5000
					2000 SERIES	5000 SERIES														
1 7/16	JT4-2107	JT4-5107	7,600	4	2 13/16	—	2 7/16	1 1/16	5 3/8	1 7/16		7/8	3 1/2	4 1/8	5/8	4	1 7/32	2 3/8	6.4	6.6
1 1/2	JT4-2108	JT4-5108																	6.3	6.5
1 11/16	JT5-2111	—	12,300	5	2 15/16	—	3 3/16	5/8	6 1/8	1 15/16		1 1/8	4	4 3/4	3/4	4 5/8	1 1/16	2 5/8	9.8	10.0
1 3/4	JT5-2112																		9.7	10.0
1 5/8	JT6-2115	JT6-5115	12,300	6	3 1/16	—	3 3/16	5/8	6 1/8	1 15/16		1 1/8	4	4 3/4	3/4	4 5/8	1 1/16	2 7/8	10.1	10.3
2	JT6-2200	JT6-5200																	9.9	10.1
2 3/16	JT7-2203	JT6-5203	13,500	7	3 3/16	—	3 3/4	3/4	7 1/8	2 1/4		1 1/4	4 1/2	5 1/4	1	5 1/4	1 3/16	3 1/4	13.6	13.6
2 7/16	JT8-2207	JT8-5207	20,900	8	3 7/16	—	4 1/8	7/8	7 3/32	2 1/2		1 3/8	5 1/8	5 7/8	1 1/4	5 25/32	1 1/16	4	18.2	19.0
2 1/2	JT8-2208	JT8-5208																	17.9	18.5
2 11/16	JT9-2211	—	26,800	9	3 1 1/16	—	4 3/4	7/8	8 15/16	2 3/4		1 5/8	5 15/16	6 1 1/16	1 1/4	6 1/2	1 13/16	4 1/2	28.8	29.0
2 3/4	JT9-2212																		28.4	
2 15/16	JT9-2215	JT9-5215																	27.6	
3	JT9-2300	—																	27.0	
3 7/16	JT10-2307	JT10-5307	27,300	10	4 3/32	—	4 7/8	7/8	10 1/4	2 7/8		1 7/8	6 1 3/16	7 1 3/16	1 5/8	7 9/16	1 13/16	5 1/8	40.5	42.0
3 1/2	JT10-2308	—																	40.0	
3 1 1/16	JT11-2311	—	45,400	11	4 2 1/32	—	5 3/8	1	12 1/8	3 3/8		2 1/8	8 5/8	9 7/16	2 1/8	8 13/16	2 1/16	6	59.0	60.0
3 15/16	JT11-2315	JT11-5315																	58.0	
4	JT11-2400	—																	57.0	
4 7/16	—	JT12-5407	53,700	12	—	6 1/8	6 3/8	1	13 7/16	3 3/8		2 1/8	9 1/2	10 3/8	2 1/8	9 13/16	2 1/16	6 1/8	—	91.1
4 1/2		JT12-5408																	—	90.0
4 15/16	—	JT13-5415	68,000	13	—	6 5/8	7	1	15 1/8	3 3/4		2 3/8	10 1/4	11 1/4	2 1/2	10 7/8	2 1/16	6 7/8	—	130
5 7/16	—	JT14-5507	140,900	14	—	8	8	1 1/32	20 5/8	5		3 1/8	14 1/8	16	3 1/2	15 3/8	2 9/16	8 3/16	—	417
5 15/16	—	JT15-5515	140,900	15	—	8 1/8	8	1 5/32	20 5/8	5		3 1/8	14 1/8	16	3 1/2	15 3/8	2 9/16	8 1 1/16	—	426
6		JT15-5600																	—	424
6 7/16	—	JT16-5607	165,300	16	—	8 3/4	8	1 9/32	20 5/8	5		3 1/8	14 1/8	16	3 1/2	15 3/8	2 9/16	9 3/4	—	433
6 15/16		JT16-5615																	—	428
7		JT16-5700																	—	426

- NOTES: 1) Dimensions subject to change. Certified dimensions of ordered material furnished on request.
2) 2000 series has single set collar. 5000 series has double set collar.

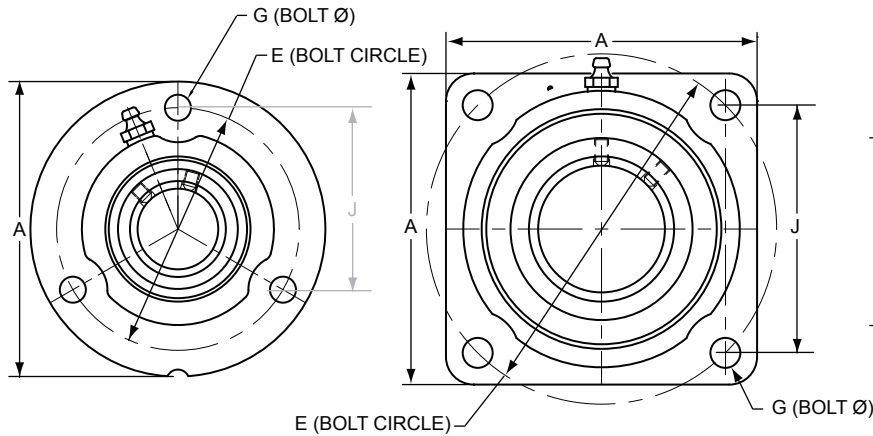
† Allowable working load is 2/3 yield strength.

JYR FLANGE BEARING



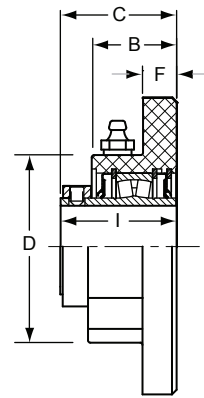
Flanged Bearings JYR-2000

- Fully self-aligning
- Fixed and expansion units

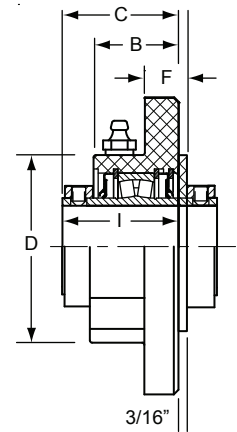


ASSEMBLY CB2107 SHAFT Ø 17/16" ONLY

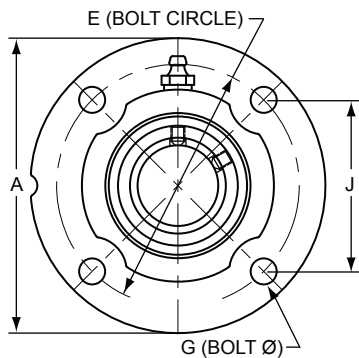
SQUARE FLANGE ASSEMBLIES CB2307(S) & CB2315(S)



STD. FLANGE



FLANGE WITH PILOT



SHAFT DIA.	ASSEMBLY DESIGNATION	TOTAL WEIGHT LBS.	A	B	C	D	E bolt circle (1)	F	G bolt Ø	H +.000 - .003	I	J	
1 ¹ / ₁₆	JYR107	7.0	6 ¹ / ₄	2 ¹ / ₈	2 ⁷ / ₈	3 ³ / ₄	5	3 ³ / ₄	3@1 ¹ / ₂	3.562	2 ³ / ₄	4 ²¹ / ₆₄	
1 ¹ / ₂	JYR2108												
1 ¹¹ / ₁₆	JYR2111	10.5	6 ³ / ₄	2 ¹ / ₈	3	4 ¹ / ₈	5 ¹ / ₂	3 ³ / ₄	4@1 ¹ / ₂	4.062	2 ⁷ / ₈	3 ⁵⁷ / ₆₄	
1 ³ / ₄	JYR2112												
1 ¹⁵ / ₁₆	JYR2115	12.0	7	2 ³ / ₈	3	4 ¹ / ₂	5 ³ / ₄	3 ³ / ₄	4@1 ¹ / ₂	4.375	2 ⁷ / ₈	4 ¹ / ₁₆	
2	JYR2200												
2 ³ / ₁₆	JYR2203	13.5	7 ³ / ₄	2 ³ / ₈	3 ¹ / ₄	5 ¹ / ₈	6 ³ / ₈	3 ³ / ₄	4@5 ⁵ / ₈	5.000	3 ¹ / ₈	4 ¹ / ₂	
2 ⁷ / ₁₆	JYR2207												
2 ¹ / ₂	JYR2208	20.0	8 ¹ / ₈	2 ⁵ / ₈	3 ¹ / ₂	5 ⁷ / ₈	6 ³ / ₄	1 ⁵ / ₁₆	4@5 ⁵ / ₈	5.437	3 ³ / ₈	4 ⁴⁹ / ₆₄	
2 ¹¹ / ₁₆	JYR2211												
2 ³ / ₄	JYR2212	27.0	9 ¹ / ₂	2 ⁵ / ₈	3 ⁷ / ₈	6 ³ / ₈	7 ⁷ / ₈	1 ⁵ / ₁₆	4@3 ³ / ₄	6.312	3 ⁵ / ₈	5 ⁹ / ₁₆	
2 ¹⁵ / ₁₆	JYR2215												
3	JYR2300	26.0	9 ¹ / ₂	2 ⁵ / ₈	3 ⁷ / ₈	6 ³ / ₈	7 ⁷ / ₈	1 ⁵ / ₁₆	4@3 ³ / ₄	6.312	3 ⁵ / ₈	5 ⁹ / ₁₆	
3 ⁷ / ₁₆	JYR2307												
3 ¹ / ₂	JYR2308	40.0	11 ¹ / ₈	3 ³ / ₁₆	4 ⁹ / ₃₂	7 ³ / ₈	9 ¹ / ₂	1 ¹ / ₈	4@3 ³ / ₄	7.375	4 ¹ / ₃₂	6 ²³ / ₃₂	
3 ⁷ / ₁₆	JYR2307S												
3 ¹ / ₂	JYR2308S	32.0	8 ⁷ / ₁₆	3 ³ / ₁₆	4 ⁹ / ₃₂	7 ³ / ₈	9 ¹ / ₂	1 ¹ / ₈	4@3 ³ / ₄	7.375	4 ¹⁹ / ₃₂	6 ²³ / ₃₂	
3 ¹¹ / ₁₆	JYR2311												
3 ¹⁵ / ₁₆	JYR2315	55.0	12 ⁵ / ₈	3 ³ / ₈	4 ²⁷ / ₃₂	8 ³ / ₈	10 ³ / ₄	1 ¹ / ₈	4@7 ⁷ / ₈	8.500	4 ¹⁹ / ₃₂	7 ¹⁹ / ₃₂	
4	JYR2400												
3 ¹ / ₁₆	JYR2311S	46.0	9 ³ / ₄	3 ³ / ₈	4 ²⁷ / ₃₂	8 ³ / ₈	10 ³ / ₄	1 ¹ / ₈	4@7 ⁷ / ₈	8.500	4 ¹⁹ / ₃₂	7 ¹⁹ / ₃₂	
3 ¹⁵ / ₁₆	JYR2315S												
4	JYR2400S												



PHONE: 205-663-3002

FAX: 205-664-3351