

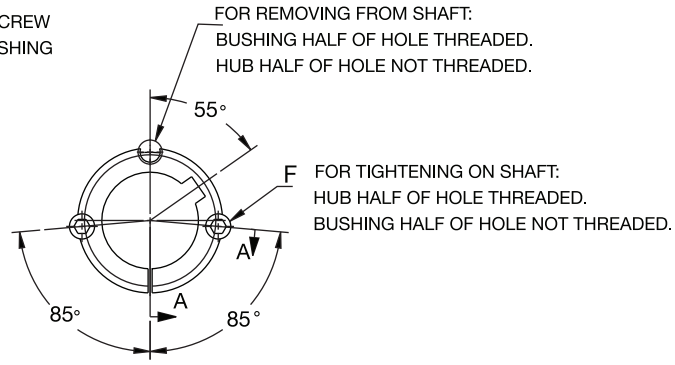
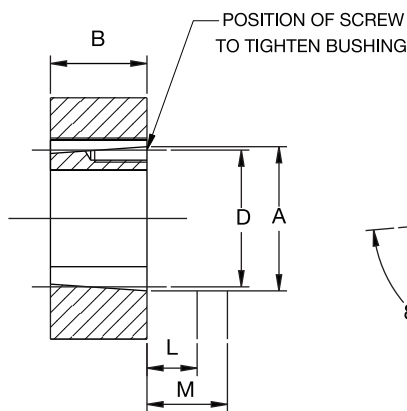
"Taper-Lock" Style Bushings

1008-3030



Section A-A

TAPER-LOCK BUSHINGS 1008 THROUGH 3030



NOTE: 8° TAPER INCLUDED ANGLE

ANSI "Taper-Lock" Style Bushings

All dimensions in inches unless otherwise stated.

Bushing Number	* Bore Range	A	B	D	F (2 Required)	◆ L		+M		Weight (lbs.)
						Std. Hex Key	Short Key	Std. Hex Key	Short Key	
1008	1/2-1	1 25/64	7/8	1 21/64	1/4 x 1/2	1 1/8	5/8	1 1/4	3/4	0.20
1108	1/2-1 1/8	1 1/2	7/8	1 29/64	1/4 x 1/2	1 1/8	5/8	1 1/4	3/4	0.25
1210	1/2-1 1/4	1 7/8	1	1 3/4	3/8 x 5/8	1 3/8	1 3/16	1 5/8	1 1/16	0.55
1215	1/2-1 1/4	1 7/8	1 1/2	1 3/4	3/8 x 5/8	1 3/8	1 3/16	1 5/8	1 1/16	0.70
1310	1/2-1 3/8	2	1	1 7/8	3/8 x 5/8	1 3/8	1 3/16	1 5/8	1 1/16	0.65
1610	1/2-1 5/8	2 1/4	1	2 1/8	3/8 x 5/8	1 3/8	1 3/16	1 5/8	1 1/16	0.70
1615	1/2-1 5/8	2 1/4	1 1/2	2 1/8	3/8 x 5/8	1 3/8	1 3/16	1 5/8	1 1/16	1.00
2012	1/2-2	2 3/4	1 1/4	2 5/8	7/16 x 7/8	1 9/16	1 5/16	2	1 3/8	1.40
2517	1/2-2 1/2	3 3/8	1 3/4	3 1/4	1/2 x 1	1 5/8	1	2 1/4	1 5/8	3.20
2525	3/4-2 1/2	3 3/8	2 1/2	3 1/4	1/2 x 1	1 5/8	1	2 1/4	1 5/8	4.30
3020	1 5/16-3	4 1/4	2	4	5/8 x 1 1/4	1 9/16	1 3/16	2 11/16	2 1/16	5.80
3030	1 5/16-3	4 1/4	3	4	5/8 x 1 1/4	1 9/16	1 3/16	2 11/16	2 1/16	8.00

All bushings can be supplied in steel, stainless steel and other materials. Consult Tsubaki for more details.

NOTES:

- * All bore ranges available in 1/16th inch increments.
- ◆ Space required to tighten bushing. Also space required to loosen screws to permit removal of hub by puller.
- † Space required to remove bushing using jackscrews - no puller required.
- ◆ Standard hex key cut to minimum usable length.

Metric "Taper-Lock" Style Bushings

All dimensions in millimeters unless otherwise stated.

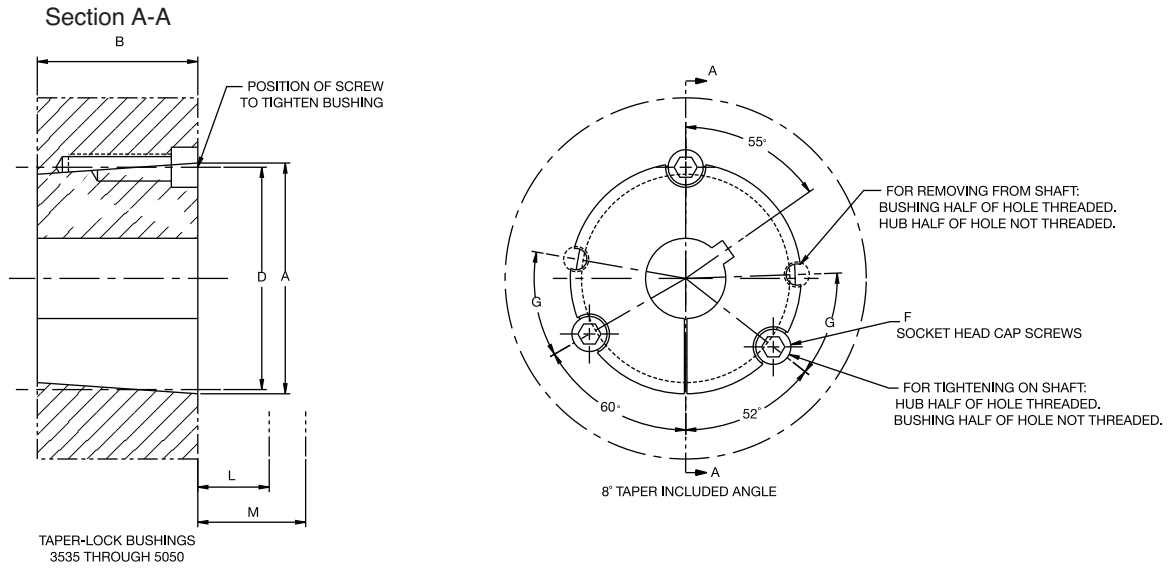
Bore Range	14	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50
Bushing Keyway(mm)	5 x 2.3	5 x 2.3	6 x 2.8	6 x 2.8	6 x 2.8	6 x 2.8	8 x 3.3	8 x 3.3	8 x 3.3	8 x 3.3	10 x 3.3	10 x 3.3	10 x 3.3	12 x 3.3	12 x 3.3	14 x 3.8	14 x 3.8	14 x 3.8
1008	X	X	X	X	X	X												
1108	X	X	X	X	X	X	X											
1210	X	X	X	X	X	X	X	X	X	X								
1215	X	X	X	X	X	X	X	X	X	X								
1610	X	X	X	X	X	X	X	X	X	X	X	X	X					
1615	X	X	X	X	X	X	X	X	X	X	X	X	X					
2012			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2517			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3020									X	X	X	X	X	X	X	X	X	X

Note - X denotes that the Taper Lock Bushing is also available with metric bore size key way.

All metric bores are supplied with imperial threads.

All bushings can be supplied in steel, stainless steel and other materials. Consult Tsubaki for more details.

Section E



ANSI "Taper-Lock" Style Bushings

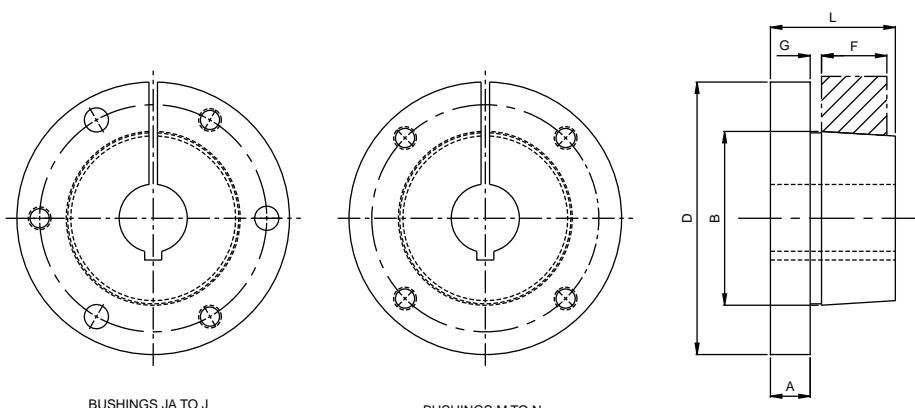
All dimensions in inches unless otherwise stated.

Bushing Number	Bore Range	A	B	D	F (3 Required)	G	L		+ M		Weight (lbs.)
							Std. Hex Key	Short Key	Std. Hex Key	Short Key	
3535	1 ³ / ₁₆ - 3 ¹⁵ / ₁₆	5	3 ¹ / ₂	4.83	1 ¹ / ₂ x 1 ¹ / ₂	39°	2	1 ⁵ / ₁₆	3 ³ / ₈	2 ¹¹ / ₁₆	11
4040	2 ⁷ / ₈ - 4 ⁷ / ₁₆	5 ³ / ₄	4	5.54	5 ⁵ / ₈ x 1 ³ / ₄	40°	2 ³ / ₈	1 ⁵ / ₈	4 ¹ / ₈	3 ³ / ₈	17
4545	1 ¹⁵ / ₁₆ - 4 ¹⁵ / ₁₆	6 ³ / ₈	4 ¹ / ₂	6.13	3 ¹ / ₄ x 2	40°	2 ⁵ / ₈	1 ¹⁵ / ₁₆	4 ³ / ₄	4 ¹ / ₁₆	24
5050	2 ⁷ / ₁₆ - 5	7	5	6.72	7 ⁷ / ₈ x 2 ¹ / ₄	37°	2 ¹³ / ₁₆	2 ⁵ / ₁₆	5 ¹ / ₄	4 ¹³ / ₁₆	32

All bushings can be supplied in steel, stainless steel and other materials. Consult Tsubaki for more details.

NOTES:

- * All bore ranges available in 1/16th inch increments.
- ⊕ Space required to tighten bushing. Also space required to loosen screws to permit removal of hub by puller.
- + Space required to remove bushing using jackscrews - no puller required.
- ◆ Standard hex key cut to minimum usable length.



BUSHINGS JA TO J

BUSHINGS M TO N

ANSI "QD" Style Bushings

All dimensions in inches unless otherwise stated.

Bushing	A	B	D	F	G	L	* Bolt Circle	Cap Screws Required	Standard Keyway	Shallow Keyway	Without Keyway	Weight (lbs.)
JA	5/16	1 3/8	2	9/16	1/8	1	1 21/32	(3) #10 x 1	1/2-1	1 1/16-1 3/16	1 1/4	0.8
SH	7/16	1 7/8	2 5/8	3/4	1/8	1 5/16	2 1/4	(3) 1/4 x 1 3/8	1/2-1 3/8	1 7/16-1 5/8	1 11/16	0.7
SDS	7/16	2 3/16	3 3/16	3/4	1/8	1 5/16	2 11/16	(3) 1/4 x 1 3/8	1/2-1 11/16	1 3/4-1 15/16	2	1.0
SD	7/16	2 3/16	3 3/16	1 1/4	1/8	1 13/16	2 11/16	(3) 1/4 x 1 7/8	1/2-1 11/16	1 3/4-1 15/16	2	1.0
SK	9/16	2 13/16	3 7/8	1 1/4	7/32	1 9/16	3 5/16	(3) 5/16 x 2	1/2-2 1/8	2 3/16-2 1/2	2 9/16-2 5/8	2.1
SF	5/8	3 1/8	4 5/8	1 1/4	7/32	2 1/16	3 7/8	(3) 3/8 x 2	1/2-2 5/16	2 3/8-2 13/16	2 13/16-2 15/16	3.1
E	7/8	3 53/64	6	1 5/8	1/4	2 3/4	5	(3) 1/2 x 2 3/4	7/8-2 7/8	2 15/16-3 1/2	—	2.1
F	1	4 7/16	6 5/8	2 1/2	1 1/32	3 3/4	5 5/8	(3) 9/16 x 3 5/8	1-3 1/4	3 5/16-3 15/16	4	3.1
J	1 1/8	5 9/64	7 1/4	3 3/16	3/8	4 5/8	6 1/4	(3) 5/8 x 4 1/2	1 1/2-3 7/8	3 15/16-4 1/2	—	16.8
M	1 1/4	6 1/2	9	5 3/16	1 3/32	6 3/4	7 7/8	(4) 3/4 x 6 3/4	2-4 3/4	4 7/8-5 1/2	—	56.0
N	1 1/2	7	10	6 1/4	9/16	8 1/8	8 1/2	(4) 7/8 x 8	2 7/16-5 1/8	5 3/16-5 1/2	—	68.0

All bushings can be supplied in steel, stainless steel and other materials. Consult Tsubaki for more details.

* Available Upon Request

Metric "QD" Style Bushings

All dimensions in millimeters unless otherwise stated.

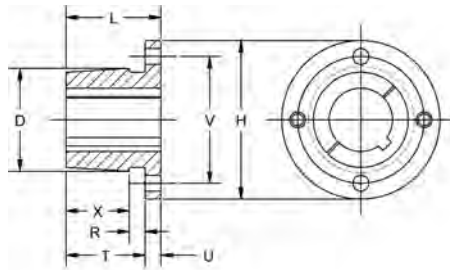
Bore Range	24	25	28	30	32	35	38	40	42	45	48	50	55	60	65	70	75	80	85	90	95	100
Keyway (mm)	8x3.3	8x3.3	8x3.3	8x3.3	10x3.3	10x3.3	10x3.3	12x3.3	12x3.3	14x3.3	14x3.3	14x3.3	16x4.3	18x4.4	18x4.4	20x4.9	20x4.9	22x5.4	22x5.4	25x5.4	25x5.4	28x6.4
Bushing	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SDS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SD	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SK	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SF	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
E	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
F	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
J	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Note - X denotes that the QD Bushing is also available with metric bore size key way.

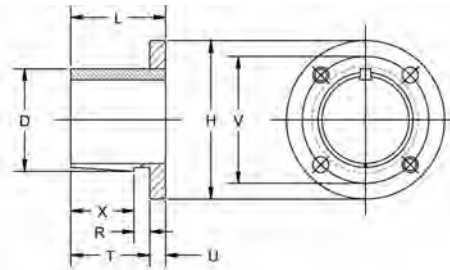
All metric bores are supplied with imperial threads.

All bushings can be supplied in steel, stainless steel and other materials. Consult Tsubaki for more details.

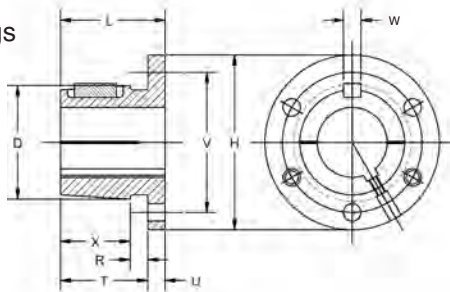
Type 1
G & H Bushings



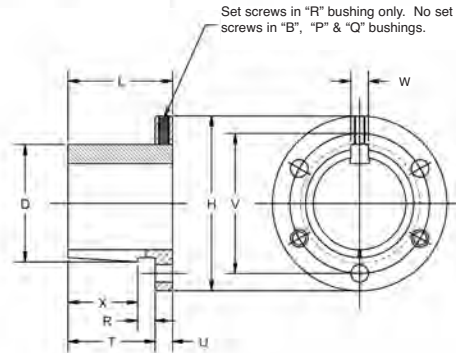
Type 2



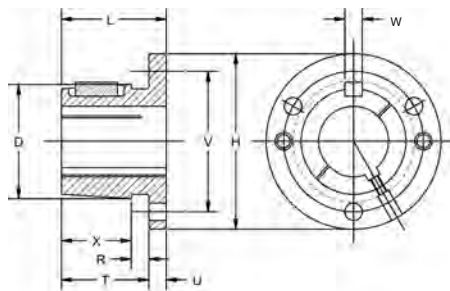
Type 1
B, P, Q & R Bushings



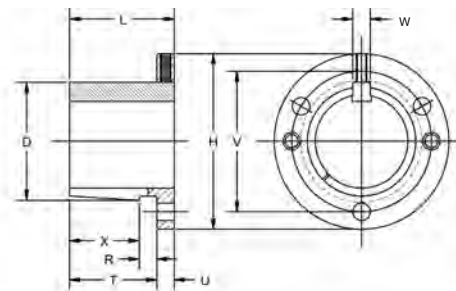
Type 2



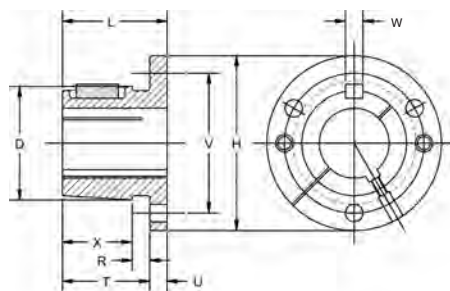
Type 1
S Bushings



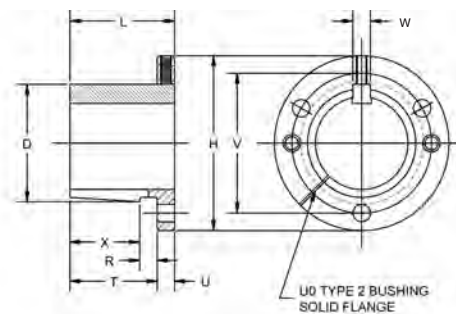
Type 2



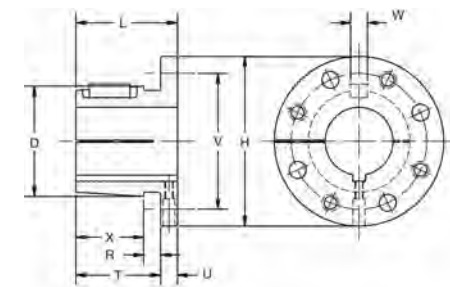
Type 1
U Bushings



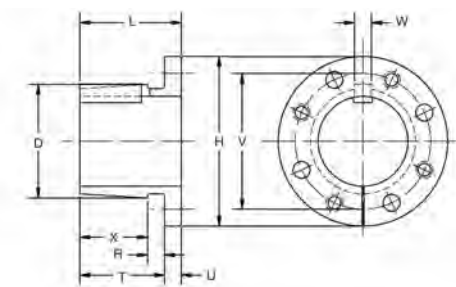
Type 2



Type 1
W Bushings



Type 2



ANSI Split Taper Bushings

All dimensions in inches unless otherwise stated.

Hub Number	Dimensions										Bore Range		Cap Screws		Approx. Weight (lbs.)	Wrench Torque in. lbs.
	L	U	T	D		H	V	W	X	R	Type 1	Type 2	No.	Size		
				Large End	Small End											
G1	1	1/4	3/4	1.1720	1.1330	2	1 9/16	-	5/8	1/8	3/8 - 15/16	1	2	1/4 x 5/8	0.5	95
H1	1 1/4	1/4	1	1.6250	1.5700	2 1/2	2	-	7/8	1/8	3/8 - 1 3/8	1 7/16 - 1 1/2	2	1/4 x 3/4	0.8	95
P1	1 15/16	13/32	1 17/32	1.9375	1.8555	3	2 7/16	3/8	1 5/16	7/32	1/2 - 1 7/16	1 1/2 - 1 3/4	3	5/16 x 1	1.3	192
P2	2 15/16	13/32	2 17/32	1.9375	1.7930	3	2 7/16	3/8	2 5/16	7/32	3/4 - 1 7/16	1 1/2 - 1 3/4	3	5/16 x 1	1.5	192
B	1 15/16	1/2	1 7/16	2.6250	2.5567	3 11/16	3 1/8	1/2	1 3/16	1/4	1/2 - 1 15/16	2 - 2 7/16	3	5/16 x 1 1/4	1.8	192
Q1	2 1/2	17/32	1 31/32	2.8750	2.7657	4 1/8	3 3/8	1/2	1 3/4	7/32	3/4 - 2 1/16	2 1/8 - 2 11/16	3	3/8 x 1 1/4	3.5	348
Q2	3 1/2	17/32	2 31/32	2.8750	2.7032	4 1/8	3 3/8	1/2	2 3/4	7/32	1 - 2 1/16	2 1/8 - 2 5/8	3	3/8 x 1 1/4	4.5	348
R1	2 7/8	5/8	2 1/4	4.0000	3.8750	5 3/8	4 5/8	3/4	2	1/4	1 1/8 - 2 13/16	2 7/8 - 3 3/4	3	3/8 x 1 3/4	7.5	348
R2	4 7/8	5/8	4 1/4	4.0000	3.7500	5 3/8	4 5/8	3/4	4	1/4	1 3/8 - 2 13/16	2 7/8 - 3 5/8	3	3/8 x 1 3/4	11	348
S1	4 3/8	3/4	3 5/8	4.6250	4.4180	6 3/8	5 3/8	3/4	3 5/16	5/16	1 11/16 - 3 3/16	3 1/4 - 4 1/4	3	1/2 x 2 1/4	13.5	840
S2	6 3/4	3/4	6	4.6250	4.2696	6 3/8	5 3/8	3/4	5 11/16	5/16	1 7/8 - 3 3/16	3 1/4 - 4 3/16	3	1/2 - 2 1/4	19	840
U0	5 1/4	1 1/16	4 3/16	6.0000	5.7656	8 3/8	7	1 1/4	3 3/4	7/16	2 3/8 - 3 1/16	-	3	5/8 x 2 3/4	30	1680
U0	4 15/16	3/4	4 3/16	6.0000	5.7656	8 3/8	7	1 1/4	3 3/4	7/16	3 1/4 - 4 1/4	4 3/8 - 5 1/2	3	5/8 x 2 3/4	27	1680
U1	7 1/8	1 1/16	6 1/16	6.0000	5.6485	8 3/8	7	1 1/4	5 5/8	7/16	2 3/8 - 4 1/4	4 3/8 - 5 1/2	3	5/8 x 2 3/4	40	1680
U2	10 1/8	1 1/16	9 1/16	6.0000	5.4610	8 3/8	7	1 1/4	5 5/8	7/16	2 7/16 - 4 1/4	4 3/8 - 5	3	5/8 x 2 3/4	50	1680
W1	8 1/4	1 7/16	6 13/16	8.5000	6.1018	12 1/2	10	1 1/4	6 3/8	7/16	3 3/8 - 6 3/16	6 1/4 - 7 7/16	4	3/4 x 3	104	3000
W2	11 1/4	1 7/16	9 13/16	8.5000	7.9144	12 1/2	10	1 1/4	9 3/8	7/16	3 3/8 - 6 3/16	6 1/4 - 7 7/16	4	3/4 x 3	133	3000

Metric Split Taper Bushings

All dimensions in millimeters unless otherwise stated.

Bore Range	14	15	16	18	19	20	22	24	25	28	30	32	35	36	38
Keyway (mm)	5x2.3	5x2.3	5x2.3	6x2.8	6x2.8	6x2.8	6x2.8	8x3.3	8x3.3	8x3.3	8x3.3	10x3.3	10x3.3	10x3.3	10x3.3
G	X		X	X	X	X	X	X	X						
H	X		X	X	X	X	X	X	X	X	X	X	X	X	X
P1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B				X	X	X	X	X	X	X	X	X	X	X	X
Q1				X	X	X	X	X	X	X	X	X	X	X	X
R1										X	X	X	X	X	X
R2													X	X	X

Note - X denotes that the Split Taper Bushing is also available with metric bore size/keyway.

All metric bores are supplied with imperial threads.

All bushings can be supplied in steel, stainless steel and other materials. Consult Tsubaki for more details.

Metric Split Taper Bushings

All dimensions in millimeters unless otherwise stated.

Bore Range	39	40	42	45	48	50	55	60	65	70	75	80	85	90	95
Keyway (mm)	2x3.3	12x3.3	12x3.3	14x3.8	14x3.8	14x3.8	16x4.3	18x4.4	18x4.4	20x4.9	20x4.9	22x5.4	22x5.4	25x5.4	25x5.4
G															
H															
P1	X	X	X												
B	X	X	X	X	X	X	X	X	X						
Q1	X	X	X	X	X	X	X	X	X	X					
R1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
R2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
S1			X	X	X	X	X	X	X	X	X	X	X	X	X

Note - X denotes that the Split Taper Bushing is also available with metric bore size/keyway.

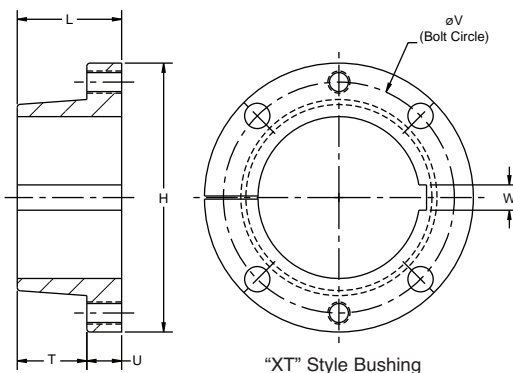
All metric bores are supplied with imperial threads.

All bushings can be supplied in steel, stainless steel and other materials. Consult Tsubaki for more details.

"XT" style hubs & bushings have been designed specifically for conveyor pulley applications. They offer improved holding power and ease of installation and removal compared to other bushing types. "XT" style hubs and bushings are available for all the major types and sizes of conveyor pulleys.

All dimensions in inches unless otherwise stated.

Bushing Number	Dimensions						Bore Range	Cap Screws		Approximate Weight (lbs.)	Wrench Torque (in. lbs.)
	L	U	T	H	V	W		Number	Size		
XTB15	1 1/8	3/8	3/4	2 7/8	2 7/16	3/16 1/4 3/8	5/8, 3/4, 7/8 1, 1 1/8, 1 3/16, 1 1/4 1 7/16, 1 1/2	4	1/4 x 1	0.7	95
XTB20	1 13/32	15/32	15/16	3 3/4	3 3/16	3/16 1/4 3/8 1/2	3/4 1, 1 3/16, 1 1/4 1 7/16, 1 1/2, 1 11/16 1 15/16, 2	4	5/16 x 1 1/4	1.5	200
XTB25	1 7/8	5/8	1 1/4	4 7/16	3 3/4	1/4 3/8 1/2 5/8	1, 1 3/16, 1 1/4 1 7/16, 1 1/2, 1 11/16 1 15/16, 2, 2 3/16 2 7/16	4	3/8 x 1 3/4	2.6	350
XTB30	2 1/16	11/16	1 3/8	5 5/16	4 9/16	3/8 1/2 5/8 3/4	1 7/16, 1 1/2 1 15/16, 2 3/16 2 7/16, 2 11/16 2 15/16	4	7/16 x 1 1/2	4.2	550
XTB35	2 15/32	25/32	1 11/16	6 5/16	5 7/16	1/2 5/8 3/4 7/8	1 15/16, 2 3/16 2 7/16, 2 11/16 2 15/16 3 7/16	4	1/2 x 1 3/4	7.4	840
XTB40	2 13/16	7/8	1 15/16	7 1/8	6 1/8	5/8 3/4 7/8 1	2 7/16 2 15/16 3 7/16 3 15/16	4	9/16 x 2	10.5	1,200
XTB45	3 5/16	15/16	2 3/8	8	6 7/8	7/8 1 1	3 7/16 3 15/16 4 7/16	4	5/8 x 2 1/4	14.8	1,680
XTB50	3 3/4	1	2 3/4	10 1/8	8 5/16	1 1 1/4	3 15/16, 4 7/16 4 15/16	4	3/4 x 2 1/2	27.8	3,000
XTB60	4 1/8	1 1/8	3	11 15/16	9 7/8	1 1/4 1 1/2	5 7/16, 5 1/2 5 15/16, 6	4	7/8 x 2 1/2	42.8	4,800
XTB70	4 11/16	1 5/16	3 3/8	13 15/16	11 9/16	1 1/2 1 3/4	6 7/16, 6 1/2 6 15/16, 7	4	1 x 3	66.3	7,200
XTB80	5 1/8	1 3/8	3 3/4	15 5/8	12 7/8	1 3/4 2	7 1/2 7 15/16, 8	4	1 1/8 x 3 1/2	85.7	9,000
XTB100	6 3/16	1 9/16	4 5/8	17 15/16	15 9/16	2 2 1/2	8 1/2, 9 9 7/16, 9 1/2, 10	6	1 1/8 x 3 1/2	146.0	9,000
XTB120	7 1/16	1 3/4	5 15/16	20 5/8	18 3/16	2 1/2 3	10 1/2, 11 11 1/2, 12	8	1 1/8 x 3 1/2	216.0	9,000



Features:

- Self seating
- Reduced end disc pre-stressing
- Minimal axial shaft movement
- Equally spaced bolts for uniform draw-up
- Capscrew torque-storing capacity is maximized by the flange
- Full length engagement with the hub
- Full size keys in maximum bushing bore sizes of 50 and larger

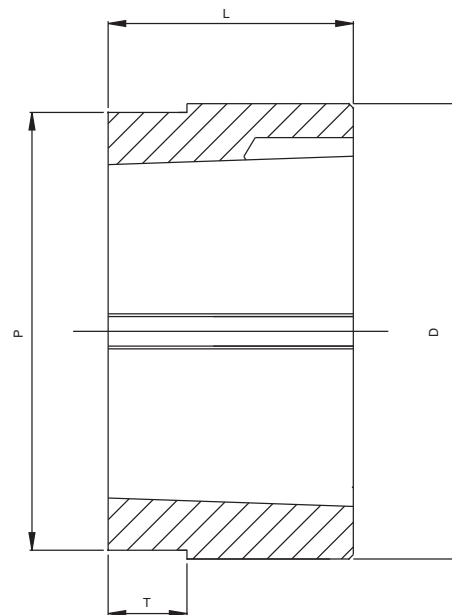
"Taper-Lock" Style Weld-On Hubs

Tsubaki offers the most complete line of "Taper-Lock" style weld-on hubs for insertion and welding to produce "B" style sprockets, sheaves and other applications without hub protrusion. To provide greater strength for this type of shaft locking mechanism and reduce heat distortion caused by welding, these hubs are dimensionally the same as our sprocket items. Special dimensional hubs are available per your specifications on a made-to-order basis. All Tsubaki hubs are made from steel bar stock (not powdered or sintered metal). The "Taper-Lock" style weld-on hubs listed below include appropriate tapered bores and mounting holes.

All dimensions in inches unless otherwise stated.

Catalogue Number	Bushing Used	Maximum Bore	D	Dimensions			Weight (lbs.)
				P	L	T	
351610TLW	1610	1 $\frac{5}{8}$	3	2 $\frac{7}{8}$	1	$\frac{9}{64}$	0.8
411610TLW	1610	1 $\frac{5}{8}$	3	2 $\frac{7}{8}$	1	$\frac{7}{32}$	0.8
401610TLW	1610	1 $\frac{5}{8}$	3	2 $\frac{7}{8}$	1	$\frac{1}{4}$	0.8
402012TLW	2012	2	3 $\frac{5}{8}$	3 $\frac{7}{16}$	1 $\frac{1}{4}$	$\frac{1}{4}$	1.5
402517TLW	2517	2 $\frac{1}{2}$	4 $\frac{1}{4}$	4 $\frac{1}{8}$	1 $\frac{3}{4}$	$\frac{1}{4}$	2.7
502012TLW	2012	2	3 $\frac{5}{8}$	3 $\frac{7}{16}$	1 $\frac{1}{4}$	$\frac{5}{16}$	1.5
502517TLW	2517	2 $\frac{1}{2}$	4 $\frac{1}{4}$	4 $\frac{1}{8}$	1 $\frac{3}{4}$	$\frac{5}{16}$	2.7
602012TLW	2012	2	3 $\frac{5}{8}$	3 $\frac{7}{16}$	1 $\frac{1}{4}$	$\frac{7}{16}$	1.5
602517TLW	2517	2 $\frac{1}{2}$	4 $\frac{1}{4}$	4 $\frac{1}{8}$	1 $\frac{3}{4}$	$\frac{7}{16}$	2.7
802012TLW	2012	2	3 $\frac{5}{8}$	3 $\frac{7}{16}$	1 $\frac{1}{4}$	$\frac{9}{16}$	1.5
802517TLW	2517	2 $\frac{1}{2}$	4 $\frac{1}{4}$	4 $\frac{1}{8}$	1 $\frac{3}{4}$	$\frac{9}{16}$	2.7
803020TLW	3020	3	5 $\frac{1}{4}$	5	2	$\frac{9}{16}$	4.3
1002517TLW	2517	2 $\frac{1}{2}$	4 $\frac{1}{2}$	4 $\frac{1}{8}$	1 $\frac{3}{4}$	$\frac{11}{16}$	2.7
1003020TLW	3020	3	5 $\frac{1}{4}$	5	2	$\frac{11}{16}$	4.3
1202517TLW	2517	2 $\frac{1}{2}$	4 $\frac{1}{4}$	4	1 $\frac{3}{4}$	$\frac{7}{8}$	2.6
1203020TLW	3020	3	5 $\frac{1}{4}$	5	2	$\frac{7}{8}$	4.2
1203535TLW	3535	3 $\frac{1}{2}$	6 $\frac{1}{2}$	6 $\frac{1}{2}$ *	3 $\frac{1}{2}$	-	13.0
1404040TLW	4040	4	7 $\frac{3}{4}$	7 $\frac{3}{4}$ *	4	-	25.0
1603020TLW	3020	3	5 $\frac{1}{4}$	5	2	1 $\frac{1}{8}$	4.0
1603535TLW	3535	3 $\frac{1}{2}$	6 $\frac{1}{2}$	6 $\frac{1}{4}$	3 $\frac{1}{2}$	1 $\frac{1}{8}$	12.6
1604545TLW	4545	4 $\frac{1}{2}$	8 $\frac{3}{4}$	8 $\frac{3}{4}$ *	4 $\frac{1}{2}$	-	42.0

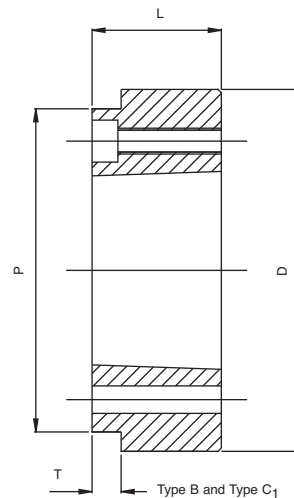
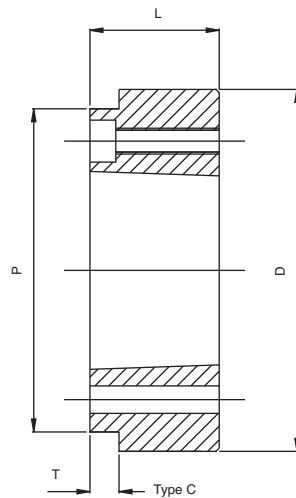
* These items have no hub step.



Tsubaki offers the most complete line of "QD" Style weld-on hubs for insertion and welding to produce "B" style sprockets, sheaves and other applications without hub protrusion. To provide greater strength for this type of shaft locking mechanism and reduce heat distortion caused by welding, these hubs are dimensionally the same as our sprocket items. Special dimensional hubs are available per your specifications on a made-to-order basis. All Tsubaki hubs are made from steel bar stock (not powdered or sintered metal). The "QD" Style weld-on hubs listed below include appropriate tapered bores and mounting holes.

All dimensions in inches unless otherwise stated.

Catalogue Number	Type	Bushing Used	Max. Bore	Dimensions				Weight (lbs.)
				D	P	L	T	
35SHW	B	SH	1 $\frac{5}{8}$	3	2 $\frac{7}{8}$	1 $\frac{3}{16}$	$\frac{9}{64}$	0.9
40SDSW	B	SDS	1 $\frac{15}{16}$	3 $\frac{1}{2}$	3 $\frac{1}{8}$	$\frac{3}{4}$	$\frac{1}{4}$	1.0
40SKW	B	SK	2 $\frac{1}{2}$	4 $\frac{1}{4}$	3 $\frac{7}{8}$	1 $\frac{1}{4}$	$\frac{1}{4}$	2.4
50SDSW	B	SDS	1 $\frac{15}{16}$	3 $\frac{3}{8}$	3 $\frac{7}{16}$	$\frac{3}{4}$	$\frac{5}{16}$	1.0
50SKW	B	SK	2 $\frac{1}{2}$	4 $\frac{1}{4}$	3 $\frac{7}{8}$	1 $\frac{1}{4}$	$\frac{5}{16}$	2.4
50SFW	B	SF	2 $\frac{7}{8}$	5	4 $\frac{5}{8}$	1 $\frac{1}{4}$	$\frac{5}{16}$	3.7
60SDSW	B	SDS	1 $\frac{15}{16}$	3 $\frac{1}{2}$	3 $\frac{1}{8}$	$\frac{3}{4}$	$\frac{7}{16}$	1.0
60SKW	B	SK	2 $\frac{1}{2}$	4 $\frac{1}{4}$	3 $\frac{7}{8}$	1 $\frac{1}{4}$	$\frac{7}{16}$	2.4
60SFW	B	SF	2 $\frac{7}{8}$	5	4 $\frac{5}{8}$	1 $\frac{1}{4}$	$\frac{7}{16}$	3.6
60EW	B	E	3 $\frac{7}{16}$	6 $\frac{1}{4}$	5 $\frac{7}{8}$	1 $\frac{5}{8}$	$\frac{7}{16}$	7.8
80SFW	B	SF	2 $\frac{7}{8}$	5	4 $\frac{5}{8}$	1 $\frac{1}{4}$	$\frac{9}{16}$	3.5
80EW	C	E	3 $\frac{7}{16}$	6 $\frac{1}{4}$	5 $\frac{7}{8}$	1 $\frac{5}{8}$	$\frac{9}{16}$	7.7
80FW	C	F	3 $\frac{15}{16}$	7	6 $\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{9}{16}$	14.7
100EWB	B	E	3 $\frac{7}{16}$	6 $\frac{1}{4}$	5 $\frac{7}{8}$	1 $\frac{5}{8}$	1 $\frac{1}{16}$	7.5
100EWC	C	E	3 $\frac{7}{16}$	6 $\frac{1}{4}$	5 $\frac{7}{8}$	1 $\frac{5}{8}$	1 $\frac{1}{16}$	7.5
100FW	C	F	3 $\frac{15}{16}$	7	6 $\frac{5}{8}$	2 $\frac{1}{2}$	1 $\frac{1}{16}$	14.6
120EW	B	E	3 $\frac{7}{16}$	6 $\frac{1}{4}$	5 $\frac{7}{8}$	1 $\frac{5}{8}$	$\frac{7}{8}$	7.4
120FW	C	F	3 $\frac{15}{16}$	7	6 $\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{7}{8}$	14.3
120JW	C	J	4 $\frac{7}{16}$	8	7 $\frac{1}{2}$	3 $\frac{3}{16}$	$\frac{7}{8}$	23.7
140FW	B	F	3 $\frac{15}{16}$	7	6 $\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{7}{8}$	14.3
140MW	C ₁	M	5 $\frac{1}{2}$	10	9 $\frac{1}{2}$	5 $\frac{3}{16}$	2 $\frac{1}{4}$	59.5
160FW	B	F	3 $\frac{15}{16}$	7	6 $\frac{5}{8}$	2 $\frac{1}{2}$	1 $\frac{3}{32}$	14.0
160JW	C	J	4 $\frac{7}{16}$	8	7 $\frac{1}{2}$	3 $\frac{3}{16}$	1 $\frac{1}{8}$	23.3
160MW	C ₁	M	5 $\frac{1}{2}$	10	9 $\frac{1}{2}$	5 $\frac{3}{16}$	2 $\frac{1}{4}$	59.3

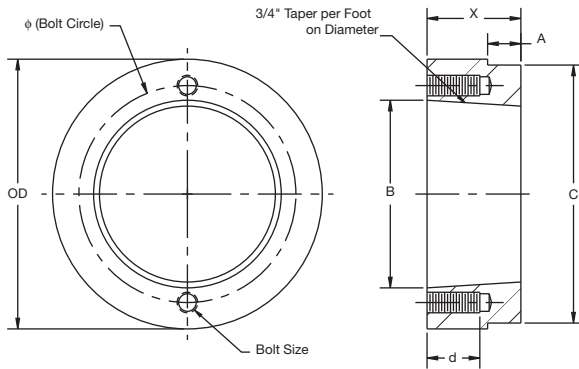


Split Taper Weld-On Hubs

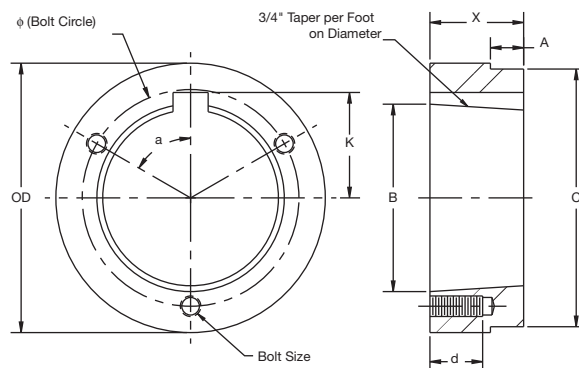
Tsubaki offers a complete line of Split Taper style weld-on hubs for insertion and welding to produce “B” style sprockets, sheaves and other applications without hub protrusion. To provide greater strength for this type of shaft locking mechanism and reduce heat distortion caused by welding, these hubs are dimensionally the same as our sprocket items. Special dimensional hubs are available per your specifications on a made-to-order basis. All Tsubaki hubs are made from steel bar stock (not powdered or sintered metal). The Split Taper style weld-on hubs listed below include appropriate tapered bores and mounting holes.

All dimensions in inches unless otherwise stated.

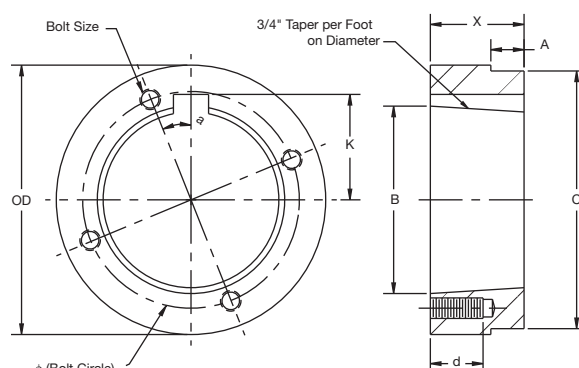
Hub	Bushing											Tapped Holes		Weight
G1W	G	2	0.174	1.168	1.875	-	1 9/16	-	5/8	-	5/8	2	1/4 - 20	0.4
H1W	H	2 1/2	0.174	1.621	2.375	-	2	-	7/8	-	7/8	2	1/4 - 20	0.6
P1W	P1	3	0.292	1.9375	2.875	1 3/32	2 7/16	3/8	1 5/16	60	5/8	3	5/16 - 18	1.4
P2W	P2	3	1.100	1.9375	2.875	1 3/32	2 7/16	3/8	2 5/16	60	5/8	3	5/16 - 18	2.5
B1W	B	3 7/8	0.292	2.623	3.750	1 7/16	3 1/8	1/2	1 5/16	60	13/16	3	5/16 - 18	2.3
B2W	B	4 1/2	0.709	2.623	4.375	1 7/16	3 1/8	1/2	1 3/4	60	13/16	3	5/16 - 18	4.7
Q1W	Q1	4 1/2	0.709	2.875	4.375	1 9/16	3 3/8	1/2	1 3/4	60	7/8	3	3/8 - 16	4.4
Q2W	Q2	4 1/2	1.606	2.875	4.375	1 9/16	3 3/8	1/2	2 3/4	60	7/8	3	3/8 - 16	6.9
R1W	R1	5 3/4	0.709	4.000	5.625	2 3/16	4 5/8	3/4	2	60	1 1/8	3	3/8 - 16	7.3
R2W	R2	5 3/4	1.606	4.000	5.625	2 3/16	4 5/8	3/4	4	60	1 1/8	3	3/8 - 16	15.4
S1W	S1	6 3/4	0.946	4.625	6.500	2 9/16	5 3/8	3/4	3 5/16	60	1 5/8	3	1/2 - 13	17.3
S2W	S2	6 3/4	2.963	4.625	6.500	2 9/16	5 3/8	3/4	5 11/16	60	1 5/8	3	1/2 - 13	30.4
U0W	U0	8 1/2	2.000	6.000	8.250	3 1/4	7	1 1/4	3 3/4	60	2	3	5/8 - 11	32.0
U1W	U1	8 1/2	2.963	6.000	8.250	3 1/4	7	1 1/4	5 5/8	60	1 3/4	3	5/8 - 11	44.6
U2W	U2	8 1/2	6.016	6.000	8.250	3 1/4	7	1 1/4	8 5/8	60	1 3/4	3	5/8 - 11	69.0
W1W	W1	12 1/2	2.963	8.500	12.250	4 9/16	10	1 1/4	6 3/8	22 1/2	1 3/4	4	3/4 - 10	130.0



For Bushings G and H



For Bushings P, B, Q, R, S, and U



For Bushing W



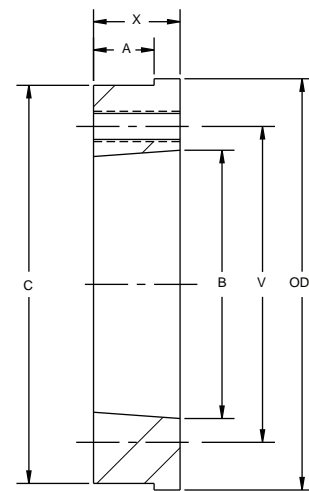
Section E

"XT" style hubs & bushings have been designed specifically for conveyor pulley applications. They offer improved holding power and ease of installation and removal compared to other bushing types. "XT" style hubs and bushings are available for all the major types and sizes of conveyor pulleys.

Tsubaki offers a complete line of "XT" style weld-on hubs for insertion and welding to produce "B" style sprockets, sheaves and other applications without hub protrusion. To provide greater strength for this type of shaft locking mechanism and reduce heat distortion caused by welding, these hubs are dimensionally the same as our sprocket items. Special dimensional hubs are available per your specifications on a made-to-order basis. All Tsubaki hubs are made from steel bar stock (not powdered or sintered metal). The "XT" style weld-on hubs listed below include appropriate tapered bores and mounting holes.

All dimensions in inches unless otherwise stated.

Hub Number	Bushing Used	O.D.	Dimensions					Tapped Holes		Weight
			A	B	C	V	X	No.	Size (lbs.)	
XTH15	XTB15	3.190	$\frac{7}{16}$	2.000	2.875	$2\frac{7}{16}$	$\frac{5}{8}$	4	$\frac{1}{4}$ - 20UNC	0.7
XTH20	XTB20	4.065	$\frac{9}{16}$	2.688	3.813	$3\frac{3}{16}$	$1\frac{3}{16}$	4	$\frac{5}{16}$ - 18UNC	1.5
XTH25	XTB25	4.690	$1\frac{3}{16}$	3.188	4.375	$3\frac{3}{4}$	$1\frac{1}{8}$	4	$\frac{3}{8}$ - 16UNC	2.6
XTH30	XTB30	5.940	$\frac{7}{8}$	3.875	5.750	$4\frac{9}{16}$	$1\frac{1}{4}$	4	$\frac{7}{16}$ - 14UNC	4.1
XTH35	XTB35	6.565	$1\frac{1}{16}$	4.688	6.345	$5\frac{7}{16}$	$1\frac{1}{2}$	4	$\frac{1}{2}$ - 13UNC	6.6
XTH40	XTB40	7.562	$1\frac{1}{4}$	5.313	7.250	$6\frac{1}{8}$	$1\frac{3}{4}$	4	$\frac{9}{16}$ - 12UNC	10.7
XTH45	XTB45	8.315	$1\frac{1}{2}$	5.938	8.000	$6\frac{7}{8}$	$2\frac{1}{8}$	4	$\frac{5}{8}$ - 11UNC	15.4
XTH50	XTB50	9.940	$1\frac{3}{4}$	7.250	9.563	$8\frac{5}{16}$	$2\frac{1}{2}$	4	$\frac{3}{4}$ - 10UNC	24.9
XTH60	XTB60	11.690	$1\frac{5}{16}$	8.625	11.250	$9\frac{7}{8}$	$2\frac{3}{4}$	4	$\frac{7}{8}$ - 9UNC	36.4
XTH70	XTB70	13.627	$2\frac{3}{16}$	10.000	13.188	$11\frac{1}{16}$	$3\frac{1}{8}$	4	1 - 8UNC	57.7
XTH80	XTB80	14.940	$2\frac{7}{16}$	11.125	14.625	$12\frac{7}{8}$	$3\frac{3}{8}$	4	$1\frac{1}{8}$ - 7UNC	75.6
XTH100	XTB100	17.940	3	13.688	17.500	$15\frac{9}{16}$	$4\frac{1}{8}$	6	$1\frac{1}{8}$ - 7UNC	122.0
XTH120	XTB120	20.940	$3\frac{1}{2}$	16.188	20.500	$18\frac{13}{16}$	$4\frac{13}{16}$	8	$1\frac{1}{8}$ - 7UNC	189.0



"XT" Style Hub

Features:

- Self seating
- Reduced end disc pre-stressing
- Minimal axial shaft movement
- Equally spaced bolts for uniform draw-up
- Capscrew torque-storing capacity is maximized by the flange
- Full length engagement with the hub
- Full size keys in maximum bushing bore sizes of 50 and larger