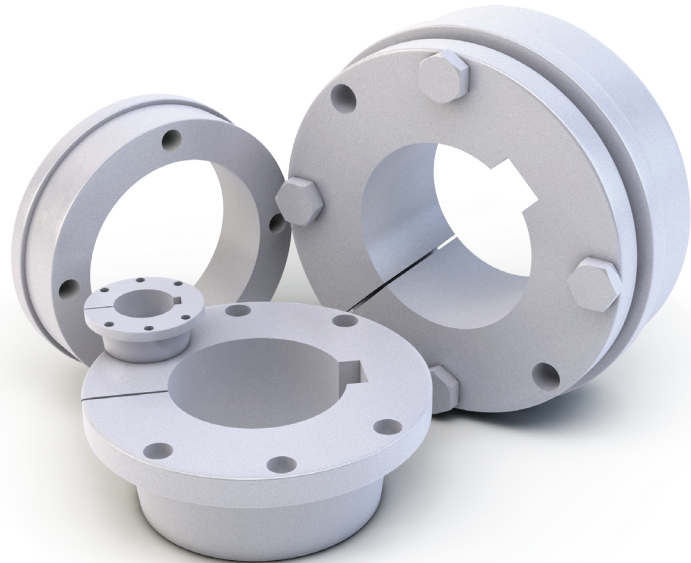


FEATURES AND BENEFITS:

- Designed for conveyor pulley applications
- 2" per foot taper
- Self-Seating – no need to hammer bushing in
- Less axial movement – reduces end disc stress and seats quicker
- High clamping force eliminates need for key way on Non-Drives
- Bolts equally space for even draw-up
- More material in the barrel
- Full length hub engagement
- Flange deflection stores up caps crew torque for seating while running
- Easy Removal
- Full Size keys in max bores for size 50 and larger

XT[®] Hub & Bushings are a computer-designed hub and bushing specifically developed for conveyor pulley applications. This design utilizes a tapered bore bushing, providing all the holding power you'll ever need for conveyor pulleys, while providing easier installation and removal than other bushing types.

Precision offers the XT[®] with larger hub diameters and longer hubs for greater load capacity. Precision has found that the XT[®] taper and heavy barrel are best suited to our design philosophy and recommends them for pulley hub usages.



HUB	MAX BORE	HUB DIMENSION						BUSHING DIMENSION					
		Outside Diameter (A)	Minor Outside Diameter (B)	Flange Thickness (C)	Length (D)	Bushing Inset (E)	Length (F)	Flange Thickness (G)	Flange Diameter (H)	Bolt Circle (J)	# Bolts	Bolt diameter	Torque (in lbs)
XT15	1.5	3 1/4	2 7/8	1/4	3/4	7/16	1 1/8	3/8	2 7/8	2 7/16	4	1/4	95
XT20	2	4 1/8	3 3/4	1/4	7/8	9/16	1 1/2	15/32	3 3/4	3 3/16	4	5/16	200
XT25	2.5	4 3/4	4 1/2	5/16	1 1/4	3/8	1 7/8	5/8	4 7/16	3 3/4	4	3/8	350
XT30	3	6	5 3/4	3/8	1 1/2	7/16	2 1/16	11/16	5 5/16	4 9/16	4	7/16	550
XT35	3.5	6 3/4	6 1/2	3/8	1 3/4	9/16	2 1/2	25/32	6 5/16	5 7/16	4	1/2	840
XT40	4	7 3/4	7 1/2	1/2	1 7/8	13/16	2 13/16	7/8	7 1/8	6 1/8	4	9/16	1,200
XT45	4.5	8 1/4	8	1/2	2 1/8	15/16	3 5/16	15/16	8	6 7/8	4	5/8	1,680
XT50	5	10 1/4	9 7/8	5/8	2 3/8	7/8	3 3/4	1	10 1/8	8 5/16	4	3/4	3,000
XT60	6	11 7/8	11 1/2	13/16	2 7/8	13/16	4 1/8	1 1/8	11 15/16	9 7/8	4	7/8	4,800
XT70	7	13 7/8	13 1/2	15/16	3 1/8	1	4 11/16	1 5/16	13 15/16	11 9/16	4	1	7,200
XT80	8	15 1/4	14 3/4	1	3 5/8	1 1/16	5 1/8	1 3/8	15 5/8	12 7/8	4	1 1/8	9,000
XT100	10	18	17 1/2	1 1/8	4 1/8	1 1/8	6 3/16	1 9/16	17 15/16	15 9/16	6	1 1/8	9,000
XT120	12	21	20 1/2	1 5/16	4 7/8	7/8	7 1/16	1 3/4	20 5/8	18 3/16	8	1 1/8	9,000

CORPORATE OFFICE

PO Box 287
Pella, IA 50219
www.ppipella.com

800.247.1228
641.628.3115
fax 641.628.3658

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Service Center
Sacramento, CA
800.821.9798
fax 916.386.0545

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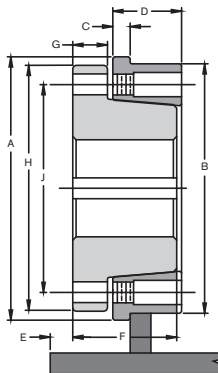
XT[®] KEY SIZES

Hub	Bore Range	Key way		Key stock
		Shaft	Bushing	
XT15	1/2-9/16	1/8 x 1/16	1/8 x 1/16	1/8 x 1/8
	5/8-7/8	3/16 x 3/32	3/16 x 3/32	3/16 x 3/16
	15/16 - 1 1/4	1/4 x 1/8	1/4 x 1/8	1/4 x 1/4
	1 5/16 - 1 3/8	5/16 x 5/32	5/16 x 5/32	5/16 x 5/16
	1 7/16 - 1 1/2	3/8 x 3/16	3/8 x 1/8	3/8 x 5/16
XT20	3/4-7/8	3/16 x 3/32	3/16 x 3/32	3/16 x 3/16
	15/16 - 1 1/4	1/4 x 1/8	1/4 x 1/8	1/4 x 1/4
	1 5/16 - 1 3/8	5/16 x 5/32	5/16 x 5/32	5/16 x 5/16
	1 7/16 - 1 3/4	3/8 x 3/16	3/8 x 3/16	3/8 x 3/8
	1 13/16 - 2	1/2 x 1/4	1/2 x 3/16	1/2 x 7/16
XT25	1 - 1 1/4	1/4 x 1/8	1/4 x 1/8	1/4 x 1/4
	1 5/16 - 1 3/8	5/16 x 5/32	5/16 x 5/32	5/16 x 5/16
	1 7/16 - 1 3/4	3/8 x 3/16	3/8 x 3/16	3/8 x 3/8
	1 13/16 - 2 1/4	1/2 x 1/4	1/2 x 1/4	1/2 x 1/2
	2 5/16 - 2 1/2	5/8 x 5/16	5/8 x 1/8	5/8 x 7/16
XT30	1 7/16 - 1 3/4	3/8 x 3/16	3/8 x 3/16	3/8 x 3/8
	1 13/16 - 2 1/4	1/2 x 1/4	1/2 x 1/4	1/2 x 1/2
	2 5/16 - 2 3/4	5/8 x 5/16	5/8 x 5/16	5/8 x 5/8
	2 13/16 - 3	3/4 x 3/8	3/4 x 3/16	3/4 x 9/16
XT35	1 15/16 - 2 1/4	1/2 x 1/4	1/2 x 1/4	1/2 x 1/2
	2 5/16 - 2 3/4	5/8 x 5/16	5/8 x 5/16	5/8 x 5/8
	2 13/16 - 3 1/4	3/4 x 3/8	3/4 x 3/8	3/4 x 3/4
	3 5/16 - 3 3/8	7/8 x 7/16	7/8 x 7/16	7/8 x 7/8
	3 7/16 - 3 1/2	7/8 x 7/16	7/8 x 5/16	7/8 x 3/4
XT40	2 7/16 - 2 3/4	5/8 x 5/16	5/8 x 5/16	5/8 x 5/8
	2 13/16 - 3 1/4	3/4 x 3/8	3/4 x 3/8	3/4 x 3/4
	3 5/16 - 3 3/4	7/8 x 7/16	7/8 x 7/16	7/8 x 7/8
	3 13/16	1 x 1/2	1 x 1/2	1 x 1
	3 7/8 - 4	1 x 1/2	1 x 3/8	1 x 7/8

Hub	Bore Range	Key way		Key stock
		Shaft	Bushing	
XT45	2 7/16 - 2 3/4	5/8 x 5/16	5/8 x 5/16	5/8 x 5/8
	2 13/16 - 3 1/4	3/4 x 3/8	3/4 x 3/8	3/4 x 3/4
	3 5/16 - 3 3/4	7/8 x 7/16	7/8 x 7/16	7/8 x 7/8
	3 13/16 - 4 5/16	1 x 1/2	1 x 1/2	1 x 1
	4 3/8 - 4 1/2	1 x 1/2	1 x 3/8	1 x 7/8
XT50	2 15/16 - 3 1/4	3/4 x 3/8	3/4 x 3/8	3/4 x 3/4
	3 5/16 - 3 3/4	7/8 x 7/16	7/8 x 7/16	7/8 x 7/8
	3 13/16 - 4 1/2	1 x 1/2	1 x 1/2	1 x 1
	4 9/16 - 5	1 1/4 x 5/8	1 1/4 x 5/8	1 1/4 x 1 1/4
XT60	3 7/16 - 3 3/4	7/8 x 7/16	7/8 x 7/16	7/8 x 7/8
	3 13/16 - 4 1/2	1 x 1/2	1 x 1/2	1 x 1
	4 9/16 - 5 1/2	1 1/4 x 5/8	1 1/4 x 5/8	1 1/4 x 1 1/4
	5 9/16 - 6	1 1/2 x 3/4	1 1/2 x 3/4	1 1/2 x 1 1/2
	4 15/16 - 5 1/2	1 1/4 x 5/8	1 1/4 x 5/8	1 1/4 x 1 1/4
XT70	5 9/16 - 6 1/2	1 1/2 x 3/4	1 1/2 x 3/4	1 1/2 x 1 1/2
	6 9/16 - 7	1 3/4 x 3/4	1 3/4 x 3/4	1 3/4 x 1 1/2
	4 15/16 - 5 1/2	1 1/4 x 5/8	1 1/4 x 5/8	1 1/4 x 1 1/4
XT80	5 9/16 - 6 1/2	1 1/2 x 3/4	1 1/2 x 3/4	1 1/2 x 1 1/2
	6 9/16 - 7 1/2	1 3/4 x 3/4	1 3/4 x 3/4	1 3/4 x 1 1/2
	7 9/16 - 8	2 x 3/4	2 x 3/4	2 x 1 1/2
	6 9/16 - 7 1/2	1 3/4 x 3/4	1 3/4 x 3/4	1 3/4 x 1 1/2
XT100	7 9/16 - 9	2 x 3/4	2 x 3/4	2 x 1 1/2
	9 1/16 - 10	2 1/2 x 7/8	2 1/2 x 7/8	2 1/2 x 1 3/4
	8 7/16 - 9	2 x 3/4	2 x 3/4	2 x 1 1/2
XT120	9 1/16 - 11	2 1/2 x 7/8	2 1/2 x 7/8	2 1/2 x 1 3/4
	11 1/16 - 12	3 x 1	3 x 1	3 x 2

Unshaded key sizes are FULL Depth Keys

Keys are provided for shaded cells only, (non-standard key sizes)
Subject to change without notice



X250207

XT Bushing Type

Shaft Size in
sixteenths of an inch

XT Bushing Size

15, 20, 25, 30, 35, 40, 45, 50, 60, 70, 80,
10 for 100, 12 for 120

Shaft Size
in inches

For operation & maintenance manuals, check out our website at <http://www.ppipella.com>, just click on catalogs.

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XT[®] METRIC SIZES

Hub	METRIC DIMENSIONS (mm)				Length	HUB	DIMENSIONS CONVERTED TO ENGLISH UNITS (in)			
	Bore	Shaft	Bushing	Key stock			Bore	Key Width	Key Height	Length
XT15	20	6 x 3.5	6 x 2.8	6 x 6	28	XT15	0.787	0.236	0.236	1 1/8
	25 - 30	8 x 4	8 x 3.3	8 x 7			0.984 - 1.181	0.315	0.276	
	35	10 x 5	10 x 3.3	10 x 8			1.378	0.394	0.315	
XT20	20	6 x 3.5	6 x 2.8	6 x 6	35	XT20	0.787	0.236	0.236	1 3/8
	25 - 30	8 x 4	8 x 3.3	8 x 7			0.984 - 1.181	0.315	0.276	
	35	10 x 5	10 x 3.3	10 x 8			1.378	0.394	0.315	
	40	12 x 5	12 x 3.3	12 x 8			1.575	0.472	0.315	
XT25	45 - 50	14 x 5.5	14 x 3.8	14 x 9	48	XT25	1.772 - 1.969	0.551	0.354	1 7/8
	25 - 30	8 x 4	8 x 3.3	8 x 7			0.984 - 1.181	0.315	0.276	
	35	10 x 5	10 x 3.3	10 x 8			1.378	0.394	0.315	
	40	12 x 5	12 x 3.3	12 x 8			1.575	0.472	0.315	
	45 - 50	14 x 5.5	14 x 3.8	14 x 9			1.772 - 1.969	0.551	0.354	
XT30	50	14 x 5.5	14 x 3.8	14 x 9	53	XT30	2.165	0.630	0.394	2 1/16
	55	16 x 6	16 x 4.3	16 x 10			2.362 - 2.559	0.709	0.433	
	60-65	18 x 7	18 x 4.4	18 x 11			2.756 - 2.953	0.787	0.472	
	70 - 75	20 x 7.5	20 x 4.9	20 x 12			2.756 - 2.953	0.787	0.472	
XT35	50	14 x 5.5	14 x 3.8	14 x 9	64	XT35	1.969	0.551	0.354	2 1/2
	55	16 x 6	16 x 4.3	16 x 10			2.165	0.630	0.394	
	60 - 65	18 x 7	18 x 4.4	18 x 11			2.362 - 2.559	0.709	0.433	
	70 - 75	20 x 7.5	20 x 4.9	20 x 12			2.756 - 2.953	0.787	0.472	
	80 - 85	22 x 9	22 x 5.4	22 x 14			3.150 - 3.346	0.866	0.551	
XT40	90	25 x 9	25 x 5.4	25 x 14	72	XT40	3.543	0.984	0.551	2 13/16
	60 - 65	18 x 7	18 x 4.4	18 x 11			2.362 - 2.559	0.709	0.433	
	70 - 75	20 x 7.5	20 x 4.9	20 x 12			2.756 - 2.953	0.787	0.472	
	80 - 85	22 x 9	22 x 5.4	22 x 14			3.150 - 3.346	0.866	0.551	
	90 - 95	25 x 9	25 x 5.4	25 x 14			3.543 - 3.740	0.984	0.551	
XT45	100	28 x 10	28 x 6.4	28 x 16	84	XT45	3.937	1.102	0.630	3 5/16
	90 - 95	25 x 9	25 x 5.4	25 x 14			3.543 - 3.740	0.984	0.551	
	100 - 110	28 x 10	28 x 6.4	28 x 16			3.937 - 4.331	1.102	0.630	
XT50	100 - 110	28 x 10	28 x 6.4	28 x 16	95	XT50	3.937 - 4.331	1.102	0.630	3 3/4
	115 - 125	32 x 11	32 x 7.4	32 x 18			4.528 - 4.921	1.260	0.709	
XT60	126	32 x 11	32 x 7.4	32 x 18	105	XT60	4.921 - 5.118	1.260	0.709	4 1/8
	135 - 150	36 x 12	36 x 8.4	36 x 20			5.315 - 5.906	1.417	0.787	
XT70	160 - 170	40 x 13	40 x 9.4	40 x 22	120	XT70	6.299 - 6.693	1.575	0.866	4 11/16
XT80	180 - 200	45 x 15	45 x 10.4	45 x 25	130	XT80	7.087 - 7.874	1.772	0.984	5 1/8
XT100	220 - 230	50 x 17	50 x 11.4	50 x 28	158	XT100	8.661 - 9.055	1.969	1.102	6 3/16
	240	56 x 20	56 x 12.4	56 x 32			9.449	2.205	1.260	

Metric Keys Standards are for rectangular keys. All keys are standard full depth keys. Keys for Metric Bores are not supplied with the bushing.

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