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Timing Belt Drive

Selection Handbook - 2018-19

This Handbook contains complete Technical Information of ready stock Timing Belt Pulleys at Pune. This information & back page, simplify process of belt drive Calculation / Design / Selection.

Extension of customer service & support :-

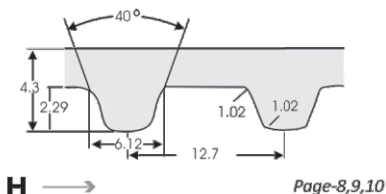
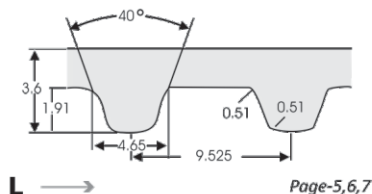
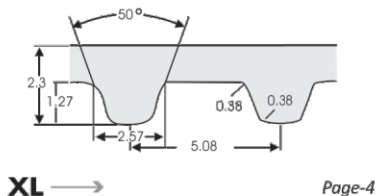
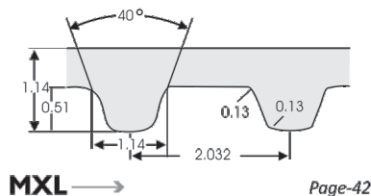
- High quality Pulleys made as per recommended universal standards of Belt Drive Technology, 100 % accurate tooth profiles, MOC, Tooling & Process.
- No Waiting / Delivery Period / Lead Time.
- Quick Design + Selection facility with Optibelt software, to ensure most precise drives, achievement of total accuracy & further optimization within short time.
- Following standards right from Design + Selection, ensures efficiency & performance at user end.
- Total Cost Ownership concept first time in Belt Drives.

Assuring you the best, out of highly extended, Product & Services.

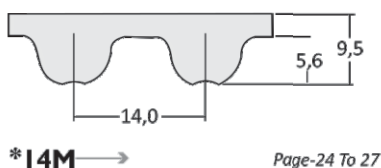
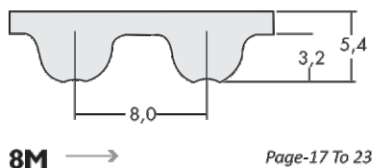
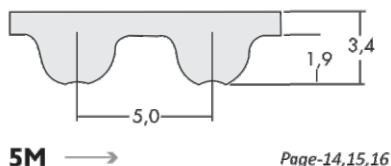
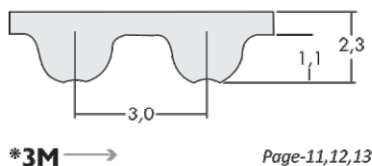


Timing Belts - Tooth Profile Sections Index

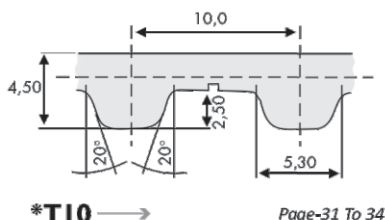
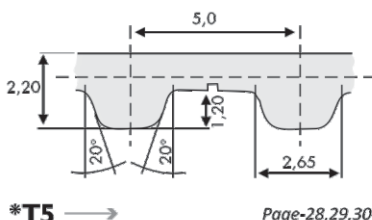
Classical



HTD / OMEGA - Round Teeth



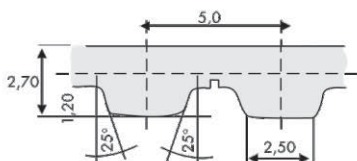
Polyurethane



* = WIP

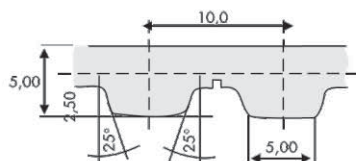
Timing Belts - Tooth Profile Sections Index

Polyurethane



AT5 →

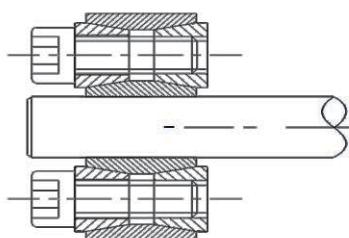
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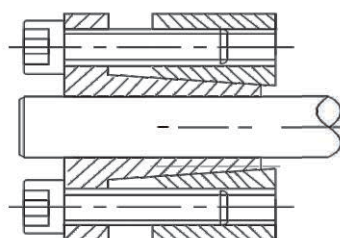
Page38 To 41

Keyless Shaft Locking Elements



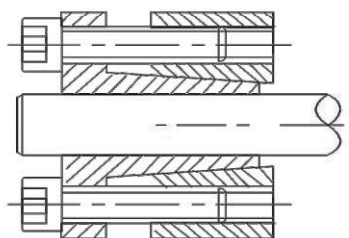
XK-01 →

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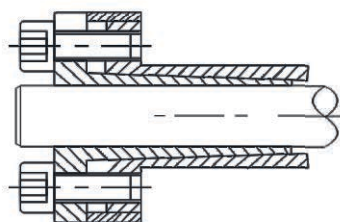
XR-03 →

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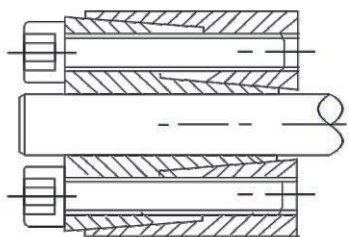
***XR-04** →

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XS-01 →

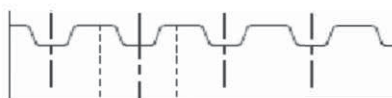
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XY-01 →

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Clamping Plates



CP →

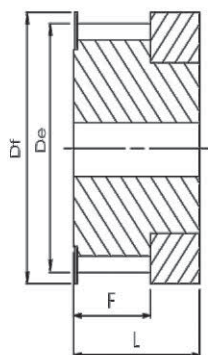
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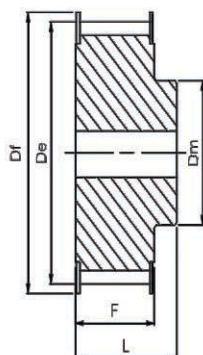
TIMING PULLEYS - Solid Type With Pilot Bore

XL037 - Pitch 1/5" (5,08 mm)

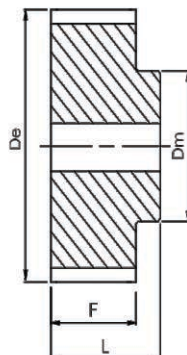
For Belt Width 3/8"



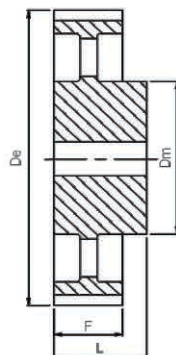
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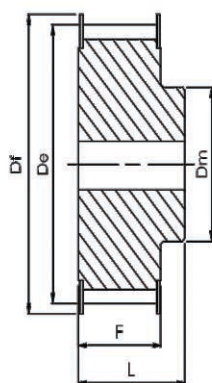
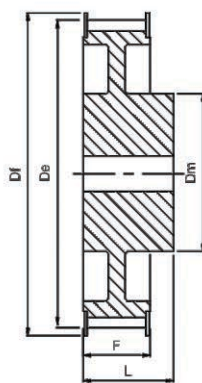
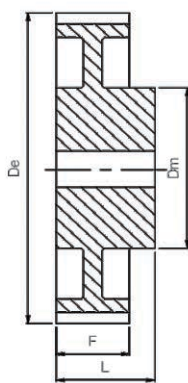
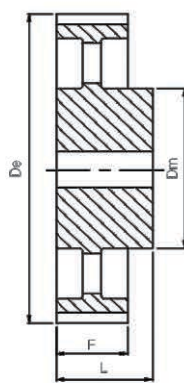
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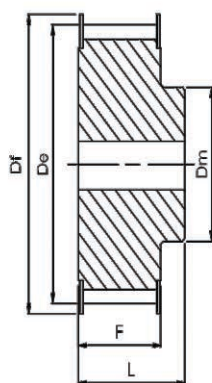
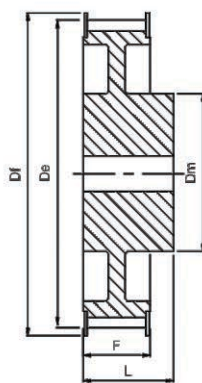
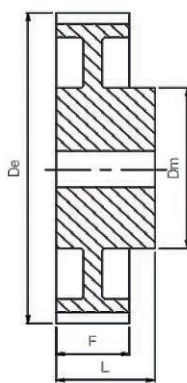
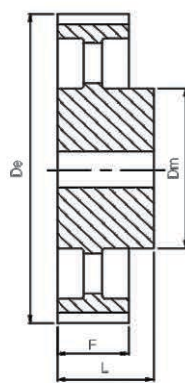
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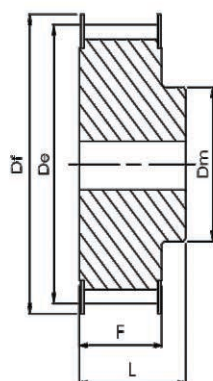
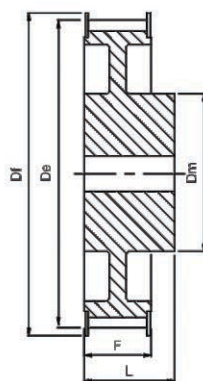
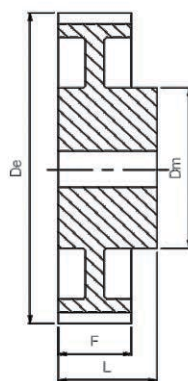
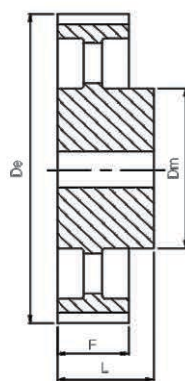
Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	10 XL 037	1F	16,17	15,66	23	–	13,0	19,8	4,0
		11 XL 037	1F	17,79	17,28	23	–	13,0	19,8	4,0
		12 XL 037	1F	19,40	18,90	25	–	13,0	19,8	4,0
		14 XL 037	6F	22,64	22,13	28	14,3	14,3	19,8	6,0
		15 XL 037	6F	24,26	23,75	28	15,9	14,3	19,8	6,0
		16 XL 037	6F	25,87	25,36	32	17,5	14,3	19,8	6,0
		18 XL 037	6F	29,11	28,60	36	20,6	14,3	19,8	6,0
		20 XL 037	6F	32,34	31,83	38	23,8	14,3	22,2	6,0
		21 XL 037	6F	33,96	33,45	38	23,8	14,3	22,2	6,0
		22 XL 037	6F	35,57	35,07	42	25,4	14,3	22,2	6,0
		24 XL 037	6F	38,81	38,30	44	27,0	14,3	22,2	6,0
		26 XL 037	6F	42,04	41,53	48	30,0	14,3	22,2	6,0
		28 XL 037	6F	45,28	44,77	51	30,2	14,3	22,2	6,0
		30 XL 037	6F	48,51	48,00	54	34,9	14,3	22,2	6,0
WITHOUT FLANGES	32 XL 037	6	51,74	51,24	–	38,0	14,3	25,4	8,0	
	36 XL 037	6	58,21	57,70	–	38,0	14,3	25,4	8,0	
	40 XL 037	6	64,68	64,17	–	38,0	14,3	25,4	8,0	
	42 XL 037	6	67,91	67,41	–	38,0	14,3	25,4	8,0	
	44 XL 037	6	71,15	70,64	–	38,0	14,3	25,4	8,0	
	48 XL 037	6	77,62	77,11	–	38,0	14,3	25,4	8,0	
	60 XL 037	6A	97,02	96,51	–	38,0	14,3	25,4	8,0	
	72 XL 037	6A	116,43	115,92	–	38,0	14,3	25,4	8,0	


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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
STEEL	WITH FLANGES	10 L 050	6F	30,32	29,56	36	22	19	29	06
		12 L 050	6F	36,38	35,62	42	28	19	29	06
		13 L 050	6F	39,41	38,65	44	30	19	29	06
		14 L 050	6F	42,45	41,69	48	33	19	29	08
		15 L 050	6F	45,48	44,72	51	36	19	29	08
		16 L 050	6F	48,51	47,75	54	38	19	29	08
		17 L 050	6F	51,54	50,78	57	40	19	29	10
		18 L 050	6F	54,57	53,81	60	40	19	29	10
		19 L 050	6F	57,61	56,85	60	40	19	29	10
		20 L 050	6F	60,64	59,88	66	46	19	29	10
		21 L 050	6F	63,67	62,91	71	46	19	29	10
		22 L 050	6F	66,70	65,94	75	50	19	29	10
		24 L 050	6F	72,77	72,01	79	55	19	29	12
		26 L 050	6F	78,83	78,07	87	58	19	29	12
		28 L 050	6F	84,89	84,13	91	58	19	29	12
		30 L 050	6F	90,96	90,20	97	58	19	29	12
CAST IRON	WITH FLANGES	32 L 050	6F	97,02	96,26	103	65	19	29	12
		36 L 050	6F	109,15	108,39	115	65	19	29	12
		40 L 050	6WF	121,28	120,52	127	65	19	32	12
	W/O FLANGES	44 L 050	6WF	133,40	132,64	140	65	19	32	12
		48 L 050	6WF	145,53	144,77	152	65	19	32	12
		56 L 050	6W	169,79	169,03	-	65	19	32	15
		60 L 050	6W	181,91	181,15	-	75	19	32	15
		72 L 050 *	6A	218,30	217,54	-	75	19	32	15
84 L 050 *	6A	254,68	253,92	-	75	19	32	15		


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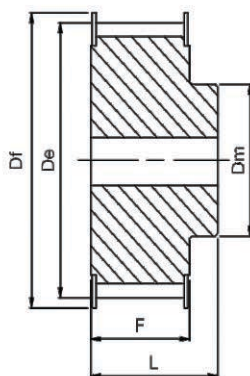
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STEEL	WITH FLANGES	10 L 075	6F	30,32	29,56	36	22	25	35	06
		12 L 075	6F	36,38	35,62	42	28	25	35	06
		13 L 075	6F	39,41	38,65	44	30	25	35	06
		14 L 075	6F	42,45	41,69	48	33	25	35	08
		15 L 075	6F	45,48	44,72	51	36	25	35	08
		16 L 075	6F	48,51	47,75	54	38	25	35	08
		17 L 075	6F	51,54	50,78	57	40	25	35	10
		18 L 075	6F	54,57	53,81	60	40	25	35	10
		19 L 075	6F	57,61	56,85	60	40	25	35	10
		20 L 075	6F	60,64	59,88	66	46	25	35	10
		21 L 075	6F	63,67	62,91	71	46	25	35	10
		22 L 075	6F	66,70	65,94	75	50	25	35	10
		24 L 075	6F	72,77	72,01	79	55	25	35	12
		26 L 075	6F	78,83	78,07	87	58	25	35	12
		28 L 075	6F	84,89	84,13	91	58	25	35	12
		30 L 075	6F	90,96	90,20	97	58	25	35	12
CAST IRON	WITH FLANGES	32 L 075	6F	97,02	96,26	103	65	25	35	12
		36 L 075	6F	109,15	108,39	115	65	25	35	12
		40 L 075	6WF	121,28	120,52	127	65	25	38	12
	W/O FLANGES	44 L 075	6WF	133,40	132,64	140	65	25	38	12
		48 L 075	6WF	145,53	144,77	152	65	25	38	12
		56 L 075	6W	169,79	169,03	-	65	25	38	15
		60 L 075	6W	181,91	181,15	-	75	25	38	15
		72 L 075 *	6A	218,30	217,54	-	75	25	38	15
84 L 075 *	6A	254,68	253,92	-	75	25	38	15		


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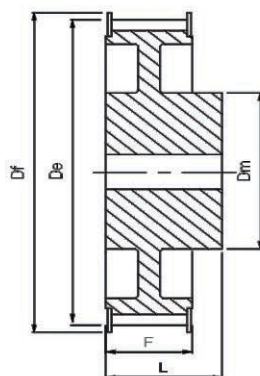
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STEEL	WITH FLANGES	10 L 100	6F	30,32	29,56	36	22	32	42	06
		12 L 100	6F	36,38	35,62	42	28	32	42	06
		13 L 100	6F	39,41	38,65	44	30	32	42	06
		14 L 100	6F	42,45	41,69	48	33	32	42	08
		15 L 100	6F	45,48	44,72	51	36	32	42	08
		16 L 100	6F	48,51	47,75	54	38	32	42	08
		17 L 100	6F	51,54	50,78	57	40	32	42	10
		18 L 100	6F	54,57	53,81	60	40	32	42	10
		19 L 100	6F	57,61	56,85	60	40	32	42	10
		20 L 100	6F	60,64	59,88	66	46	32	42	10
		21 L 100	6F	63,67	62,91	71	46	32	42	10
		22 L 100	6F	66,70	65,94	75	50	32	42	10
		24 L 100	6F	72,77	72,01	79	55	32	42	12
		26 L 100	6F	78,83	78,07	87	58	32	42	12
		28 L 100	6F	84,89	84,13	91	58	32	42	12
		30 L 100	6F	90,96	90,20	97	58	32	42	12
CAST IRON	WITH FLANGES	32 L 100	6F	97,02	96,26	103	65	32	42	12
		36 L 100	6F	109,15	108,39	115	65	32	42	12
		40 L 100	6WF	121,28	120,52	127	65	32	45	12
	W/O FLANGES	44 L 100	6WF	133,40	132,64	140	65	32	45	12
		48 L 100	6WF	145,53	144,77	152	65	32	45	12
		56 L 100	6W	169,79	169,03	-	65	32	45	15
		60 L 100	6W	181,91	181,15	-	75	32	45	15
72 L 100 *	6A	218,30	217,54	-	75	32	45	15		
84 L 100 *	6A	254,68	253,92	-	75	32	45	15		

H100 - Pitch 1/2" (12,7mm)

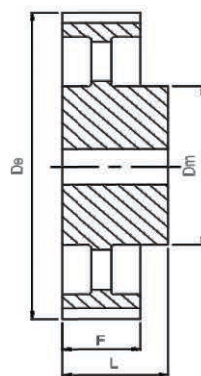
For Belt Width 1"



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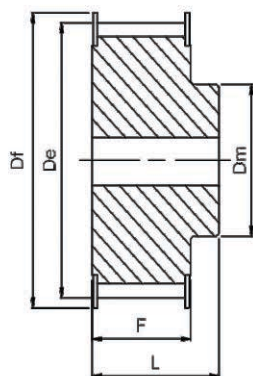
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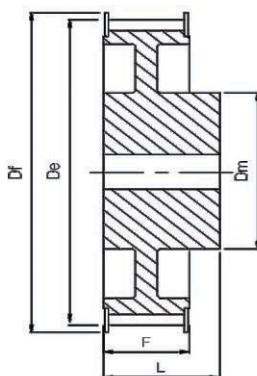
Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
STEEL	WITH FLANGES	14 H 100	6F	56,60	55,22	63	40	32	42	10
		15 H 100	6F	60,64	59,27	66	45	32	42	10
		16 H 100	6F	64,68	63,31	71	45	32	42	10
		18 H 100	6F	72,77	71,39	79	55	32	42	12
		19 H 100	6F	76,81	75,44	83	60	32	42	12
		20 H 100	6F	80,85	79,48	87	62	32	42	12
		21 H 100	6F	84,89	83,52	91	65	32	42	12
		22 H 100	6F	88,94	87,56	93	68	32	42	12
		24 H 100	6F	97,02	95,65	103	72	32	42	12
		26 H 100	6F	105,11	103,73	111	80	32	42	15
		28 H 100	6F	113,19	111,82	119	80	32	42	15
		30 H 100	6F	121,28	119,90	127	80	32	42	15
		32 H 100	6F	129,36	127,99	135	80	32	42	20
CAST IRON	WITH FLANGES	36 H 100	6WF	145,53	144,16	152	80	32	45	20
		40 H 100	6WF	161,70	160,33	168	80	32	45	20
		44 H 100	6WF	177,87	176,50	184	80	32	45	20
		48 H 100	6WF	194,04	192,67	200	90	32	45	20
	W/O FLANGES	60 H 100 *	6A	242,55	241,18	–	90	32	45	20
		72 H 100 *	6A	291,06	289,69	–	100	32	45	20
		84 H 100 *	6A	339,57	338,20	–	100	32	45	20

H150 - Pitch 1 / 2" (12,7mm)

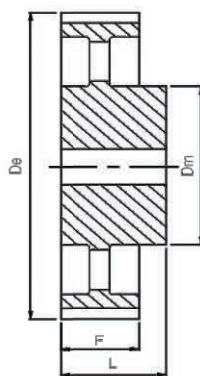
For Belt Width 1 1/2"



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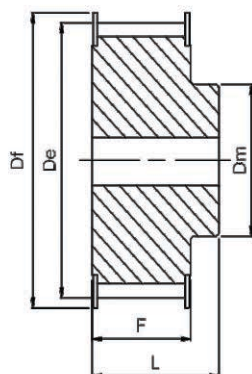
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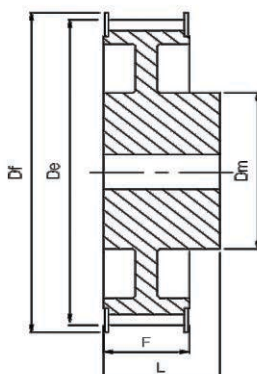
Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
STEEL	WITH FLANGES	14 H 150	6F	56,60	55,22	63	40	45	55	10
		15 H 150	6F	60,64	59,27	66	45	45	55	10
		16 H 150	6F	64,68	63,31	71	45	45	55	10
		18 H 150	6F	72,77	71,39	79	55	45	55	12
		19 H 150	6F	76,81	75,44	83	60	45	55	12
		20 H 150	6F	80,85	79,48	87	62	45	55	12
		21 H 150	6F	84,89	83,52	91	65	45	55	12
		22 H 150	6F	88,94	87,56	93	68	45	55	12
		24 H 150	6F	97,02	95,65	103	72	45	55	12
		26 H 150	6F	105,11	103,73	111	80	45	55	15
		28 H 150	6F	113,19	111,82	119	80	45	55	15
		30 H 150	6F	121,28	119,90	127	80	45	55	15
		32 H 150	6F	129,36	127,99	135	80	45	55	20
CAST IRON		36 H 150	6WF	145,53	144,16	152	80	45	58	20
		40 H 150	6WF	161,70	160,33	168	80	45	58	20
		44 H 150	6WF	177,87	176,50	184	80	45	58	20
		48 H 150	6WF	194,04	192,67	200	90	45	58	20
	W/O FLANGES	60 H 150 *	6A	242,55	241,18	–	90	45	58	20
		72 H 150 *	6A	291,06	289,69	–	100	45	58	20
		84 H 150 *	6A	339,57	338,20	–	100	45	58	20

H200 - Pitch 1/2" (12,7mm)

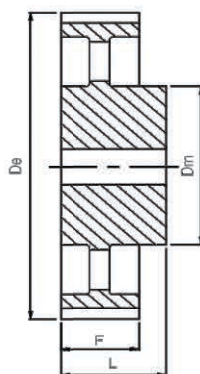
For Belt Width 2"



6F



6WF



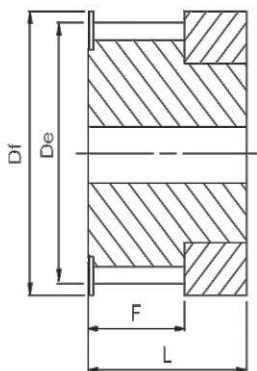
6A

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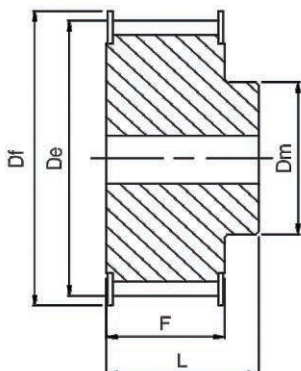
Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
STEEL	WITH FLANGES	14 H 200	6F	56,60	55,22	63	40	58	70	10
		15 H 200	6F	60,64	59,27	66	45	58	70	10
		16 H 200	6F	64,68	63,31	71	45	58	70	10
		18 H 200	6F	72,77	71,39	79	55	58	70	12
		19 H 200	6F	76,81	75,44	83	60	58	70	12
		20 H 200	6F	80,85	79,48	87	62	58	70	12
		21 H 200	6F	84,89	83,52	91	65	58	70	12
		22 H 200	6F	88,94	87,56	93	68	58	70	12
		24 H 200	6F	97,02	95,65	103	72	58	70	12
		26 H 200	6F	105,11	103,73	111	80	58	70	15
		28 H 200	6F	113,19	111,82	119	80	58	70	15
		30 H 200	6F	121,28	119,90	127	80	58	70	15
		32 H 200	6F	129,36	127,99	135	80	58	70	20
CAST IRON		36 H 200	6WF	145,53	144,16	152	80	58	72	20
		40 H 200	6WF	161,70	160,33	168	80	58	72	20
		44 H 200	6WF	177,87	176,50	184	80	58	72	20
		48 H 200	6WF	194,04	192,67	200	90	58	72	20
	W/O FLANGES	60 H 200 *	6A	242,55	241,18	-	90	58	72	20
		72 H 200 *	6A	291,06	289,69	-	100	58	72	20
		84 H 200 *	6A	339,57	338,20	-	100	58	72	20

HTD 3M* 6 - Pitch 3mm

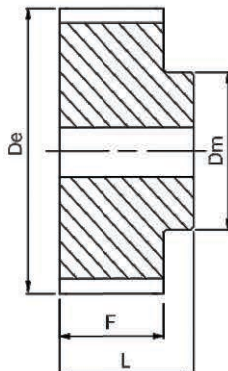
For Belt Width 6mm



1F



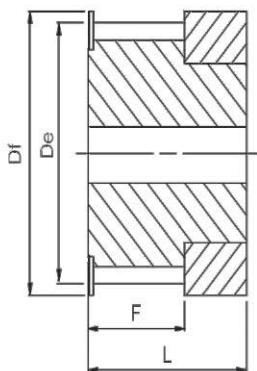
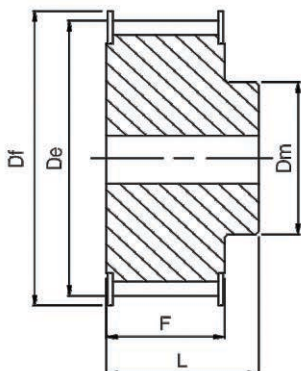
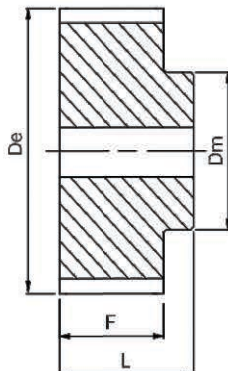
6F



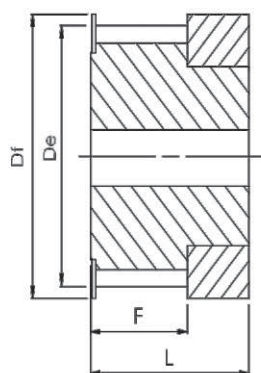
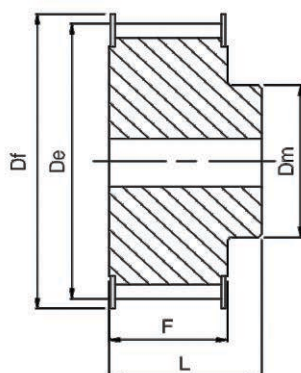
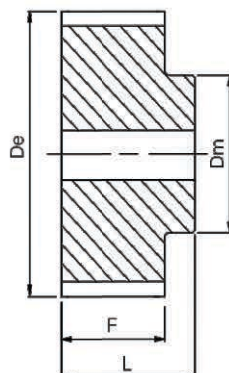
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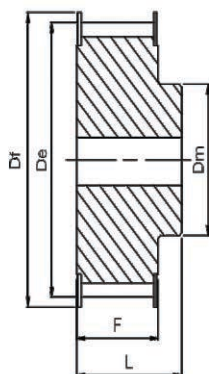
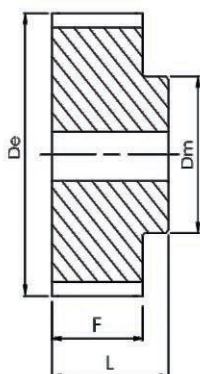
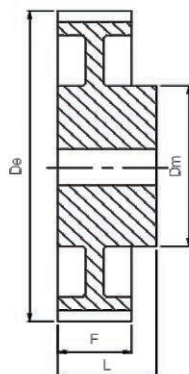
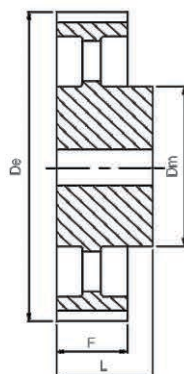
Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	10-3M-6	1F	9,55	8,79	13,0	13,0	7,2	14,5	—
		12-3M-6	1F	11,46	10,70	15,0	15,0	7,2	14,5	—
		14-3M-6	1F	13,37	12,61	16,0	16,0	7,2	14,5	—
		15-3M-6	1F	14,32	13,56	17,5	17,5	7,2	14,5	—
		16-3M-6	6F	15,28	14,52	18,0	10,0	9,8	17,5	4
		18-3M-6	6F	17,19	16,43	19,5	11,0	9,8	17,5	6
		20-3M-6	6F	19,10	18,34	23,0	13,0	9,8	17,5	6
		21-3M-6	6F	20,05	19,29	25,0	14,0	9,8	17,5	6
		22-3M-6	6F	21,01	20,25	25,0	14,0	9,8	17,5	6
		24-3M-6	6F	22,92	22,16	25,0	14,0	9,8	17,5	6
		26-3M-6	6F	24,83	24,07	28,0	16,0	9,8	17,5	6
		28-3M-6	6F	26,74	25,98	32,0	18,0	9,8	17,5	6
		30-3M-6	6F	28,65	27,89	32,0	20,0	9,8	17,5	6
		32-3M-6	6F	30,56	29,80	36,0	22,0	9,8	17,5	6
		36-3M-6	6F	34,38	33,62	38,0	26,0	10,3	18,0	6
		40-3M-6	6F	38,20	37,44	42,0	28,0	10,3	18,0	6
	44-3M-6	6F	42,02	41,26	48,0	33,0	10,3	18,0	6	
	W/O FLANGES	48-3M-6	6	45,84	45,08	—	33,0	10,3	18,6	8
		60-3M-6	6	57,30	56,54	—	33,0	10,3	18,6	8
		72-3M-6	6	68,75	67,99	—	33,0	10,3	18,6	8

HTD 3M* 9 - Pitch 3mm
For Belt Width 9mm

1F

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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	10-3M-9	1F	09,55	08,79	13,0	13,0	11,2	17,5	—
		12-3M-9	1F	11,46	10,70	15,0	15,0	11,2	17,5	—
		14-3M-9	1F	13,37	12,61	16,0	16,0	11,2	17,5	—
		15-3M-9	1F	14,32	13,56	17,5	17,5	11,2	17,5	—
		16-3M-9	6F	15,28	14,52	18,0	10,0	12,8	20,6	4
		18-3M-9	6F	17,19	16,43	19,5	11,0	12,8	20,6	6
		20-3M-9	6F	19,10	18,34	23,0	13,0	12,8	20,6	6
		21-3M-9	6F	20,05	19,29	25,0	14,0	12,8	20,6	6
		22-3M-9	6F	21,01	20,25	25,0	14,0	12,8	20,6	6
		24-3M-9	6F	22,92	22,16	25,0	14,0	12,8	20,6	6
		26-3M-9	6F	24,83	24,07	28,0	16,0	12,8	20,6	6
		28-3M-9	6F	26,74	25,98	32,0	18,0	12,8	20,6	6
		30-3M-9	6F	28,65	27,89	32,0	20,0	12,8	20,6	6
		32-3M-9	6F	30,56	29,80	36,0	22,0	12,8	20,6	6
		36-3M-9	6F	34,38	33,62	38,0	26,0	13,4	22,2	6
		40-3M-9	6F	38,20	37,44	42,0	28,0	13,4	22,2	6
		44-3M-9	6F	42,02	41,26	48,0	33,0	13,4	22,2	6
	W/O FLANGES	48-3M-9	6	45,84	45,08	—	33,0	13,4	22,2	8
		60-3M-9	6	57,30	56,54	—	33,0	13,4	22,2	8
		72-3M-9	6	68,75	67,99	—	33,0	13,4	22,2	8

HTD 3M* 15 - Pitch 3mm
For Belt Width 15mm

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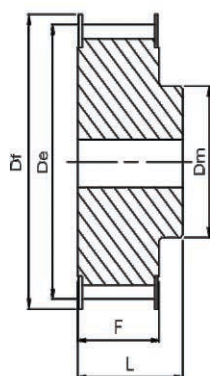
Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	10-3M-15	1F	09,55	08,79	13,0	13,0	18,0	26,0	—
		12-3M-15	1F	11,46	10,70	15,0	15,0	18,0	26,0	—
		14-3M-15	1F	13,37	12,61	16,0	16,0	18,0	26,0	—
		15-3M-15	1F	14,32	13,56	17,5	17,5	18,0	26,0	—
		16-3M-15	6F	15,28	14,52	18,0	10,0	19,5	26,0	4
		18-3M-15	6F	17,19	16,43	19,5	11,0	19,5	26,0	6
		20-3M-15	6F	19,10	18,34	23,0	13,0	19,5	26,0	6
		21-3M-15	6F	20,05	19,29	25,0	14,0	19,5	26,0	6
		22-3M-15	6F	21,01	20,25	25,0	14,0	19,5	26,0	6
		24-3M-15	6F	22,92	22,16	25,0	14,0	19,5	26,0	6
		26-3M-15	6F	24,83	24,07	28,0	16,0	19,5	26,0	6
		28-3M-15	6F	26,74	25,98	32,0	18,0	19,5	26,0	6
		30-3M-15	6F	28,65	27,89	32,0	20,0	19,5	26,0	6
		32-3M-15	6F	30,56	29,80	36,0	22,0	19,5	26,0	6
		36-3M-15	6F	34,38	33,62	38,0	26,0	20,0	30,0	6
		40-3M-15	6F	38,20	37,44	42,0	28,0	20,0	30,0	6
		44-3M-15	6F	42,02	41,26	48,0	33,0	20,0	30,0	6
	W/O FLANGES	48-3M-15	6	45,84	45,08	—	33,0	20,0	30,0	8
		60-3M-15	6	57,30	56,54	—	33,0	20,0	30,0	8
		72-3M-15	6	68,75	67,99	—	33,0	20,0	30,0	8

HTD 5M 09 - Pitch 5mm
For Belt Width 9mm

6F

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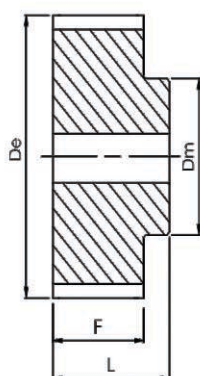
Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
STEEL	WITH FLANGES	12-5M-09	6F	19,10	17,96	23	13,0	14,5	20,0	04
		14-5M-09	6F	22,28	21,14	25	14,0	14,5	20,0	06
		15-5M-09	6F	23,87	22,73	28	16,0	14,5	20,0	06
		16-5M-09	6F	25,46	24,32	28	16,5	14,5	20,0	06
		18-5M-09	6F	28,65	27,51	32	20,0	14,5	20,0	06
		20-5M-09	6F	31,83	30,69	36	23,0	14,5	22,5	06
		21-5M-09	6F	33,42	32,28	38	24,0	14,5	22,5	06
		22-5M-09	6F	35,01	33,87	38	25,5	14,5	22,5	06
		24-5M-09	6F	38,20	37,06	42	27,0	14,5	22,5	06
		26-5M-09	6F	41,38	40,24	44	30,0	14,5	22,5	06
		28-5M-09	6F	44,56	43,42	48	30,5	14,5	22,5	06
		30-5M-09	6F	47,75	46,60	51	35,0	14,5	22,5	06
		32-5M-09	6F	50,93	49,79	54	38,0	14,5	22,5	08
		36-5M-09	6F	57,30	56,16	60	38,0	14,5	22,5	08
		40-5M-09	6F	63,66	62,52	71	38,0	14,5	22,5	08
ALUMINIUM	WITHOUT FLANGES	44-5M-09	6	70,03	68,89	-	50,0	14,5	25,5	08
		48-5M-09	6	76,39	75,25	-	50,0	14,5	25,5	08
		60-5M-09	6W	95,49	94,35	-	50,0	14,5	25,5	08
		72-5M-09	6W	114,59	113,45	-	50,0	14,5	25,5	08
		80-5M-09	6A	127,32	126,18	-	62,0	14,5	25,5	12
		90-5M-09	6A	143,24	142,10	-	62,0	14,5	25,5	12
		112-5M-09	6A	178,25	177,11	-	62,0	14,5	25,5	12

HTD 5M 15 - Pitch 5mm

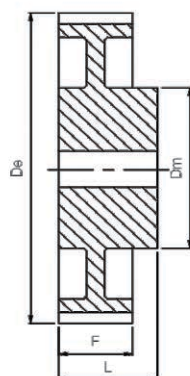
For Belt Width 15mm



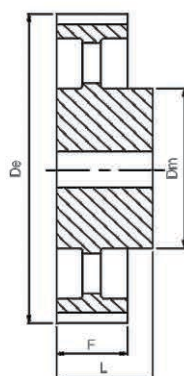
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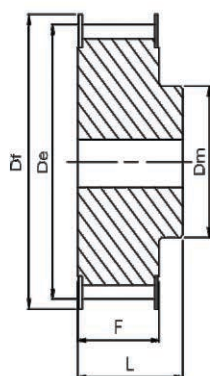
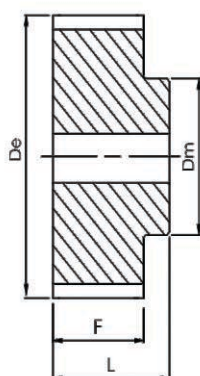
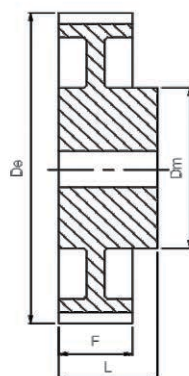
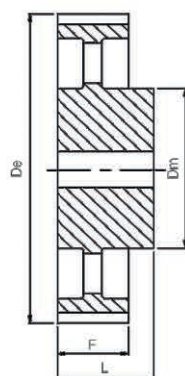
6W



6A

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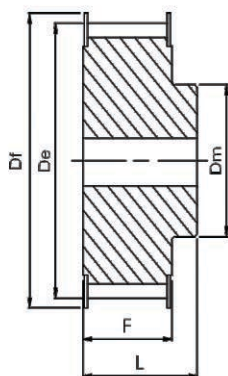
Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
STEEL	WITH FLANGES	12-5M-15	6F	19,10	17,96	23	13,0	20,5	26	04
		14-5M-15	6F	22,28	21,14	25	14,0	20,5	26	06
		15-5M-15	6F	23,87	22,73	28	16,0	20,5	26	06
		16-5M-15	6F	25,46	24,32	28	16,5	20,5	26	06
		18-5M-15	6F	28,65	27,51	32	20,0	20,5	26	06
		20-5M-15	6F	31,83	30,69	36	23,0	20,5	26	06
		21-5M-15	6F	33,42	32,28	38	24,0	20,5	26	06
		22-5M-15	6F	35,01	33,87	38	25,5	20,5	26	06
		24-5M-15	6F	38,20	37,06	42	27,0	20,5	28	06
		26-5M-15	6F	41,38	40,24	44	30,0	20,5	28	06
		28-5M-15	6F	44,56	43,42	48	30,5	20,5	28	06
		30-5M-15	6F	47,75	46,60	51	35,0	20,5	28	06
		32-5M-15	6F	50,93	49,79	54	38,0	20,5	28	08
		36-5M-15	6F	57,30	56,16	60	38,0	20,5	28	08
		40-5M-15	6F	63,66	62,52	71	38,0	20,5	28	08
ALUMINIUM	WITHOUT FLANGES	44-5M-15	6	70,03	68,89	-	50,0	20,5	30	08
		48-5M-15	6	76,39	75,25	-	50,0	20,5	30	08
		60-5M-15	6W	95,49	94,35	-	50,0	20,5	30	08
		72-5M-15	6W	114,59	113,45	-	50,0	20,5	30	08
		80-5M-15	6A	127,32	126,18	-	62,0	20,5	30	12
		90-5M-15	6A	143,24	142,10	-	62,0	20,5	30	12
		112-5M-15	6A	178,25	177,11	-	62,0	20,5	30	12


6F

6

6W

6A
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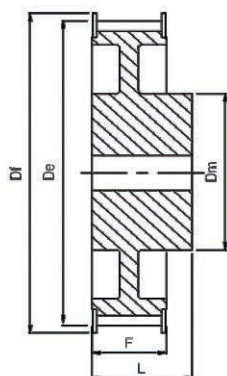
www.hkmini.com										
Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
STEEL	WITH FLANGES	12-5M-25	6F	19,10	17,96	23	13,0	30	36	04
		14-5M-25	6F	22,28	21,14	25	14,0	30	36	06
		15-5M-25	6F	23,87	22,73	28	16,0	30	36	06
		16-5M-25	6F	25,46	24,32	28	16,5	30	36	06
		18-5M-25	6F	28,65	27,51	32	20,0	30	36	06
		20-5M-25	6F	31,83	30,69	36	23,0	30	36	06
		21-5M-25	6F	33,42	32,28	38	24,0	30	38	06
		22-5M-25	6F	35,01	33,87	38	25,5	30	38	06
		24-5M-25	6F	38,20	37,06	42	27,0	30	38	06
		26-5M-25	6F	41,38	40,24	44	30,0	30	38	06
		28-5M-25	6F	44,56	43,42	48	30,5	30	38	06
		30-5M-25	6F	47,75	46,60	51	35,0	30	38	06
		32-5M-25	6F	50,93	49,79	54	38,0	30	38	08
		36-5M-25	6F	57,30	56,16	60	38,0	30	38	08
		40-5M-25	6F	63,66	62,52	71	38,0	30	38	08
ALUMINIUM	WITHOUT FLANGES	44-5M-25	6	70,03	68,89	-	50,0	30	40	08
		48-5M-25	6	76,39	75,25	-	50,0	30	40	08
		60-5M-25	6W	95,49	94,35	-	50,0	30	40	08
		72-5M-25	6W	114,59	113,45	-	50,0	30	40	08
		80-5M-25	6A	127,32	126,18	-	62,0	30	40	12
		90-5M-25	6A	143,24	142,10	-	62,0	30	40	12
		112-5M-25	6A	178,25	177,11	-	62,0	30	40	12

HTD 8M 20 - Pitch 8mm

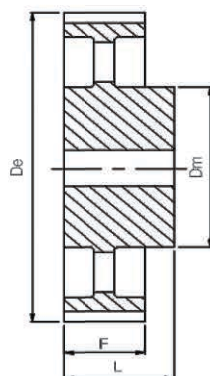
For Belt Width 20mm



6F



6WF



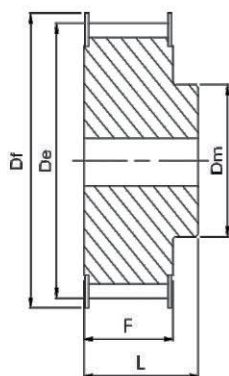
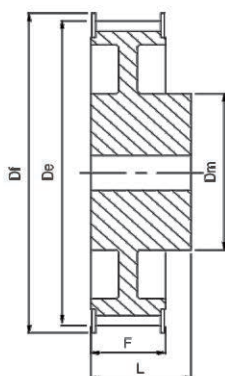
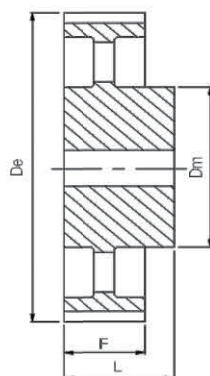
6A

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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
STEEL	WITH FLANGES	20-8M-20	6F	50,93	49,56	55,0	39	28	38	12
		22-8M-20	6F	56,02	54,65	60,0	43	28	38	12
		24-8M-20	6F	61,12	59,75	66,0	45	28	38	12
		26-8M-20	6F	66,21	64,84	71,0	50	28	38	12
		28-8M-20	6F	71,30	70,08	75,0	50	28	38	15
		30-8M-20	6F	76,39	75,13	83,0	55	28	38	15
		32-8M-20	6F	81,49	80,16	87,0	60	28	38	15
		34-8M-20	6F	86,58	85,22	91,0	70	28	38	15
		36-8M-20	6F	91,67	90,30	98,5	70	28	38	15
		38-8M-20	6F	96,77	95,39	103,0	75	28	38	15
		40-8M-20	6F	101,86	100,49	106,0	75	28	38	15
		44-8M-20	6F	112,05	110,67	119,0	75	28	38	15
		48-8M-20	6F	122,23	120,86	127,0	75	28	38	15
		56-8M-20	6WF	142,60	141,23	148,0	80	28	38	15
		CAST IRON	WITHOUT FLANGES	64-8M-20	6WF	162,97	161,60	168,0	80	28
72-8M-20	6WF			183,35	181,97	192,0	80	28	38	15
80-8M-20	6A			203,72	202,35	-	90	28	38	15
90-8M-20	6A			229,18	227,81	-	90	28	38	15
112-8M-20	6A			285,21	283,83	-	90	28	38	18
144-8M-20	6A			366,69	365,32	-	90	28	38	20
168-8M-20	6A			427,81	426,44	-	100	28	38	20
		192-8M-20	6A	488,92	487,55	-	100	28	38	20

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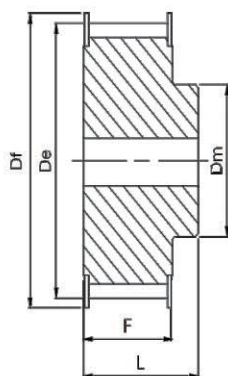

6F

6WF

6A
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Features	Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
STEEL	WITH FLANGES	20-8M-30	6F	50,93	49,56	55,0	38	48	12
		22-8M-30	6F	56,02	54,65	60,0	43	48	12
		24-8M-30	6F	61,12	59,75	66,0	45	48	12
		26-8M-30	6F	66,21	64,84	71,0	50	48	12
		28-8M-30	6F	71,30	70,08	75,0	50	48	15
		30-8M-30	6F	76,39	75,13	83,0	55	48	15
		32-8M-30	6F	81,49	80,16	87,0	60	48	15
		34-8M-30	6F	86,58	85,22	91,0	70	48	15
		36-8M-30	6F	91,67	90,30	98,5	70	48	15
		38-8M-30	6F	96,77	95,39	103,0	75	48	15
		40-8M-30	6F	101,86	100,49	106,0	75	48	15
		44-8M-30	6F	112,05	110,67	119,0	75	48	15
		48-8M-30	6F	122,23	120,86	127,0	75	48	15
		56-8M-30	6WF	142,60	141,23	148,0	90	48	15
CAST IRON	WITH FLANGES	64-8M-30	6WF	162,97	161,60	168,0	90	48	15
		72-8M-30	6WF	183,35	181,97	192,0	95	48	15
		80-8M-30	6A	203,72	202,35	-	100	48	15
	WITHOUT FLANGES	90-8M-30	6A	229,18	227,81	-	100	48	15
		112-8M-30	6A	285,21	283,83	-	100	48	18
		144-8M-30	6A	366,69	365,32	-	100	48	20
		168-8M-30	6A	427,81	426,44	-	100	48	20
		192-8M-30	6A	488,92	487,55	-	100	48	20

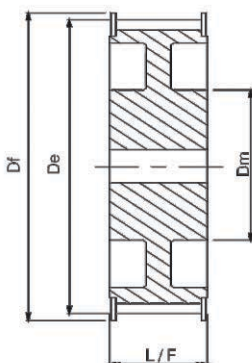
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HTD 8M 50 - Pitch 8mm

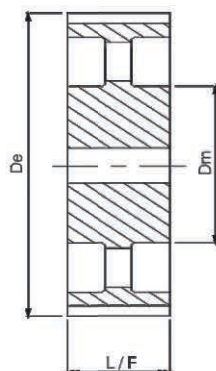
For Belt Width 50mm



6F



10WF



10A

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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
STEEL	WITH FLANGES	20-8M-50	6F	50,93	49,56	55,0	39	60	70	12
		22-8M-50	6F	56,02	54,65	60,0	43	60	70	12
		24-8M-50	6F	61,12	59,75	66,0	45	60	70	12
		26-8M-50	6F	66,21	64,84	71,0	50	60	70	12
		28-8M-50	6F	71,30	70,08	75,0	50	60	70	15
		30-8M-50	6F	76,39	75,13	83,0	55	60	70	15
		32-8M-50	6F	81,49	80,16	87,0	60	60	70	15
		34-8M-50	6F	86,58	85,22	91,0	70	60	70	15
		36-8M-50	6F	91,67	90,30	98,5	70	60	70	15
		38-8M-50	6F	96,77	95,39	103,0	75	60	70	15
		40-8M-50	6F	101,86	100,49	106,0	75	60	70	18
		44-8M-50	6F	112,05	110,67	119,0	75	60	70	18
		48-8M-50	6F	122,23	120,86	127,0	75	60	70	18
CAST IRON		56-8M-50	10WF	142,60	141,23	148,0	90	60	60	18
		64-8M-50	10WF	162,97	161,60	168,0	100	60	60	18
		72-8M-50	10WF	183,35	181,97	192,0	100	60	60	18
	WITHOUT FLANGES	80-8M-50	10A	203,72	202,35	-	110	60	60	18
		90-8M-50	10A	229,18	227,81	-	110	60	60	18
		112-8M-50	10A	285,21	283,83	-	110	60	60	18
		144-8M-50	10A	366,69	365,32	-	110	60	60	20
168-8M-50	10A	427,81	426,44	-	120	60	60	20		
192-8M-50	10A	488,92	487,55	-	130	60	60	20		

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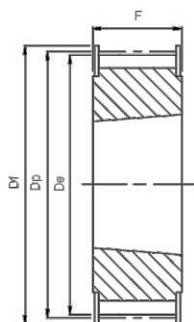
HTD 8M 20 - Pitch 8mm TAPER LOCK TYPE For Belt Width 20mm

Features		Pulley Designation	Type	BUSH	MAX. BORE	Dp	De	Df	Dm	Di	F	S	R
STEEL	WITH FLANGES	22-8M-20	5F	1008	25	56,02	54,65	60,0	-	41	28	22	6
		24-8M-20	5F	1108	28	61,12	59,75	66,0	-	42	28	22	6
		26-8M-20	5F	1108	28	66,21	64,84	71,0	-	46	28	22	6
		28-8M-20	5F	1108	28	71,30	70,08	75,0	-	50	28	22	6
		30-8M-20	5F	1108	28	76,39	75,13	83,0	-	58	28	22	6
		32-8M-20	5F	1610	42	81,49	80,16	87,0	-	62	28	25	3
		34-8M-20	5F	1610	42	86,58	85,22	91,0	-	65	28	25	3
		36-8M-20	5F	1610	42	91,67	90,30	98,5	-	68	28	25	3
		38-8M-20	5F	1610	42	96,77	95,39	103,0	-	72	28	25	3
		40-8M-20	5F	1610	42	101,86	100,49	106,0	-	76	28	25	3
		44-8M-20	8F	2012	50	112,05	110,67	119,0	93	-	28	32	4
		48-8M-20	8F	2012	50	122,23	120,86	127,0	96	-	28	32	4
CAST IRON	WITHOUT FLANGES	56-8M-20	8F	2012	50	142,60	141,23	148,0	110	-	28	32	4
		64-8M-20	8WF	2012	50	162,97	161,60	168,0	110	137	28	32	4
		72-8M-20	8WF	2012	50	183,35	181,97	192,0	110	158	28	32	4
		80-8M-20	8W	2012	50	203,72	202,35	-	110	180	28	32	4
		90-8M-20	8A	2012	50	229,18	227,81	-	110	204	28	32	4
		112-8M-20	8A	2012	50	285,21	283,83	-	110	260	28	32	4

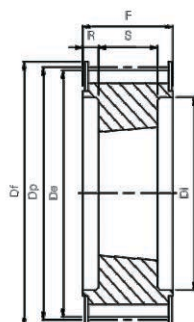
HTD 8M 30 - Pitch 8mm TAPER LOCK TYPE For Belt Width 30mm

Features		Pulley Designation	Type	BUSH	MAX. BORE	Dp	De	Df	Dm	Di	F	S	R
STEEL	WITH FLANGES	22-8M-30	5F	1008	25	56,02	54,65	60,0	-	41	38	22	16
		24-8M-30	5F	1108	28	61,12	59,75	66,0	-	42	38	22	16
		26-8M-30	5F	1108	28	66,21	64,84	71,0	-	46	38	22	16
		28-8M-30	5F	1210	32	71,30	70,08	75,0	-	50	38	25	13
		30-8M-30	3F	1615	42	76,39	75,13	83,0	-	-	38	38	-
		32-8M-30	3F	1615	42	81,49	80,16	87,0	-	-	38	38	-
		34-8M-30	3F	1615	42	86,58	85,22	91,0	-	-	38	38	-
		36-8M-30	3F	1615	42	91,67	90,30	98,5	-	-	38	38	-
		38-8M-30	3F	1615	42	96,77	95,39	103,0	-	-	38	38	-
		40-8M-30	3F	1615	42	101,86	100,49	106,0	-	-	38	38	-
		44-8M-30	4F	2012	50	112,05	110,67	119,0	-	91	38	32	3
		48-8M-30	4F	2012	50	122,23	120,86	127,0	-	95	38	32	3
CAST IRON	WITHOUT FLANGES	56-8M-30	4F	2012	50	142,60	141,23	148,0	-	117	38	32	3
		64-8M-30	8F	2517	60	162,97	161,60	168,0	125	-	38	45	7
		72-8M-30	8WF	2517	60	183,35	181,97	192,0	125	158	38	45	7
		80-8M-30	8W	2517	60	203,72	202,35	-	125	180	38	45	7
		90-8M-30	8A	2517	60	229,18	227,81	-	125	204	38	45	7
		112-8M-30	8A	2517	60	285,21	283,83	-	125	260	38	45	7
		144-8M-30	8A	2517	60	366,69	365,32	-	125	341	38	45	7

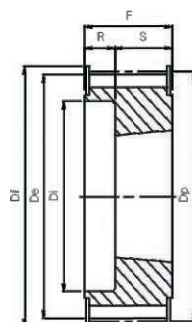
TIMING PULLEYS - TAPER LOCK TYPE



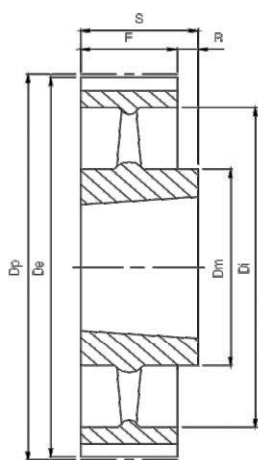
3F



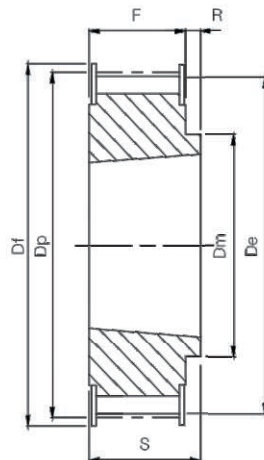
4F



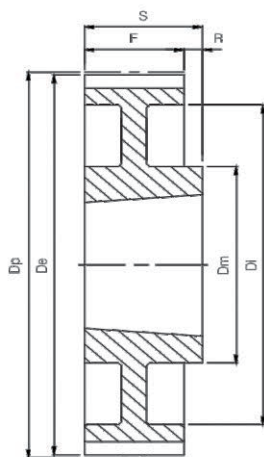
5F



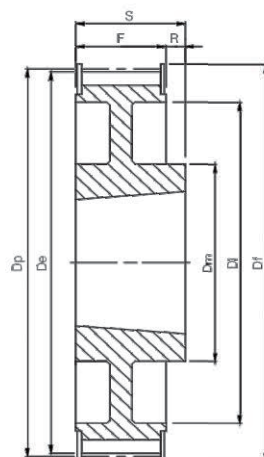
8A



8F



8W



8WF

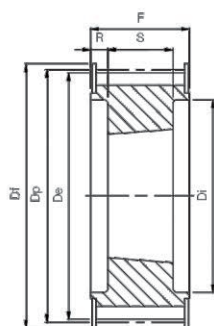
Features		Pulley Designation	Type	BUSH	MAX. BORE	Dp	De	Df	Dm	Di	F	S	R
STEEL	WITH FLANGES	28-8M-50	5F	1210	32	71,30	70,08	75,0	-	50	60	25	35
		30-8M-50	5F	1615	42	76,39	75,13	83,0	-	58	60	38	22
		32-8M-50	5F	1615	42	81,49	80,16	87,0	-	62	60	38	22
		34-8M-50	5F	1615	42	86,58	85,22	91,0	-	65	60	38	22
		36-8M-50	5F	1615	42	91,67	90,30	98,5	-	68	60	38	22
		38-8M-50	5F	1615	42	96,77	95,39	103,0	-	72	60	38	22
		40-8M-50	4F	2012	50	101,86	100,49	106,0	-	82	60	32	14
		44-8M-50	4F	2012	50	112,05	110,67	119,0	-	91	60	32	14
		48-8M-50	4F	2012	50	122,23	120,86	127,0	-	95	60	32	14
CAST IRON	WITHOUT FLANGES	56-8M-50	4F	2517	60	142,60	141,23	148,0	-	116	60	45	7,5
		64-8M-50	4F	2517	60	162,97	161,60	168,0	-	137	60	45	7,5
		72-8M-50	4F	2517	60	183,35	181,97	192,0	125	158	60	45	7,5
		80-8M-50	4	3020	75	203,72	202,35	-	-	180	60	51	4,5
		90-8M-50	9W	3020	75	229,18	227,81	-	170	204	60	51	4,5
		112-8M-50	9W	3020	75	285,21	283,83	-	170	260	60	51	4,5
		144-8M-50	9A	3020	75	366,69	365,32	-	170	341	60	51	4,5
		168-8M-50	7A	3525	90	427,81	426,44	-	190	402	60	65	2,5 *
		192-8M-50	7A	3525	90	488,92	487,55	-	190	460	60	65	2,5 *

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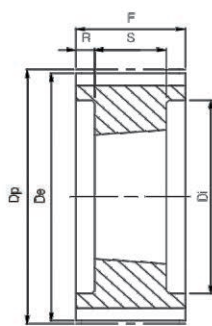
Note :

- All dimensions in mm, non critical dimensions may vary slightly.
- All Steel & CI pulleys are phosphated, Pulleys supplied without balancing.
- Material Generally ex-stock, subject to prior sales.
- Price on enquiry only.
- Freight, P&F, GST extra as applicable.
- Items / sections marked ' * ' are non stock / WIP (Work In Progress).
- MOQ + 04 Weeks lead time for customized (other than catalogue standard) pulleys.

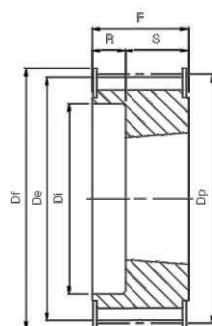
TIMING PULLEYS - TAPER LOCK TYPE



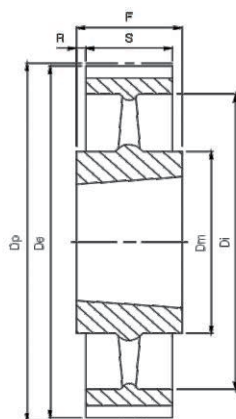
4F



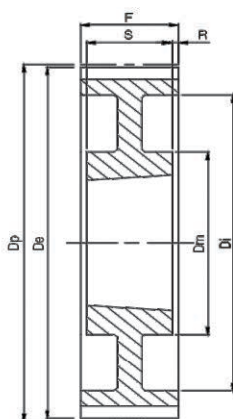
4



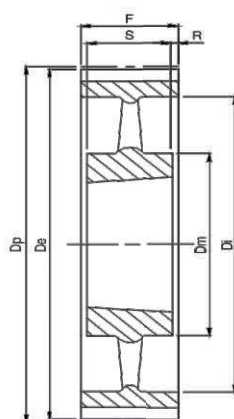
5F



7A



9W



9A

Optibelt Software Supports :-

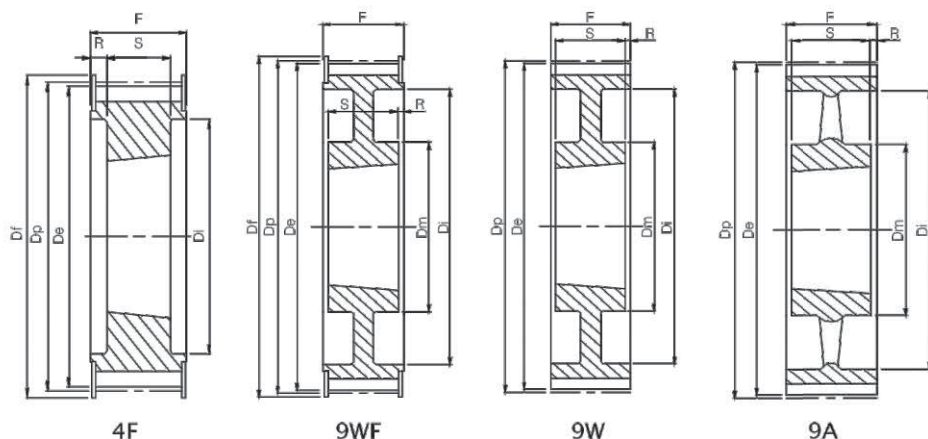
- Selection of exact & precise combination for your application & further optimization.
- Torque calculation values along with input / output speed & power.
- Hints for adjustments, fitments, tension, alignment, deflection.

Optibelt Tool Supports :-

- Exact 0:0 alignment of shafts & pulley faces.
- Installing & maintaining correct belt tension.

Now experience Optibelt quality also in classical (A,B,C & D section) V Belts.

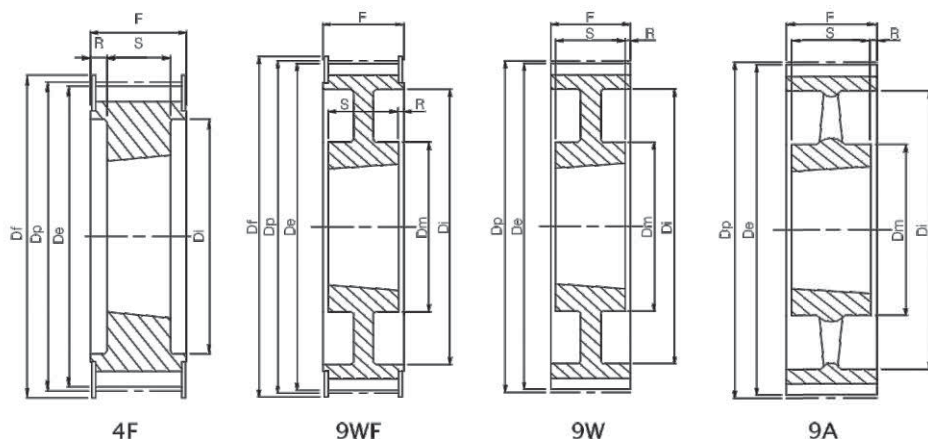
HTD 14M* 40 - Pitch 14mm TAPER LOCK TYPE For Belt Width 40mm



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Features		Pulley Designation	Type	BUSH	MAX. BORE	Dp	De	Df	Dm	Di	F	S	R	
STEEL	WITH FLANGES	28-14M 40	4F	2012	50	124,78	122,12	127	-	90	54	32	11	
		29-14M 40	4F	2012	50	129,23	126,57	138	-	100	54	32	11	
CAST IRON		WITH FLANGES	30-14M 40	4F	2012	50	133,69	130,99	138	-	100	54	32	11
			32-14M 40	4F	2012	50	142,60	139,88	154	-	104	54	32	11
			34-14M 40	4F	2517	60	151,52	148,79	160	-	110	54	45	4,5
			36-14M 40	4F	2517	60	160,43	157,68	168	-	120	54	45	4,5
			38-14M 40	4F	2517	60	169,34	166,60	183	-	130	54	45	4,5
			40-14M 40	4F	2517	60	178,25	175,49	188	-	138	54	45	4,5
			44-14M 40	4F	3020	75	196,08	193,28	211	-	155	54	51	1,5
			48-14M 40	4F	3020	75	213,90	211,11	226	-	170	54	51	1,5
			56-14M 40	9WF	3020	75	249,55	246,76	256	170	208	54	51	1,5
			64-14M 40	9WF	3020	75	285,21	282,41	296	170	239	54	51	1,5
	WITH FLANGES	72-14M 40	9W	3020	75	320,86	318,06	-	170	280	54	51	1,5	
		80-14M 40	9A	3020	75	356,51	353,71	-	170	315	54	51	1,5	
		90-14M 40	9A	3020	75	401,07	398,28	-	170	358	54	51	1,5	
		112-14M 40	9A	3020	75	499,11	496,32	-	170	457	54	51	1,5	
		144-14M 40	9A	3020	75	641,71	638,92	-	170	600	54	51	1,5	
		168-14M 40	9A	3020	75	748,66	745,87	-	170	706	54	51	1,5	

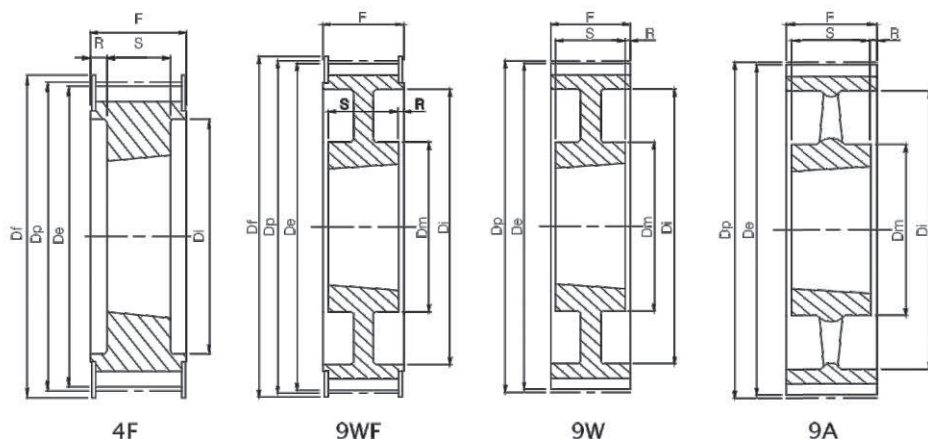
HTD 14M* 55 - Pitch 14mm TAPER LOCK TYPE For Belt Width 55mm



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Features		Pulley Designation	Type	BUSH	MAX. BORE	Dp	De	Df	Dm	Di	F	S	R	
STEEL	WITH FLANGES	28-14M 55	4F	2012	50	124,78	122,12	127	-	90	70	32	19	
		29-14M 55	4F	2012	50	129,23	126,57	138	-	100	70	32	19	
CAST IRON		WITH FLANGES	30-14M 55	4F	2517	60	133,69	130,99	138	-	100	70	45	12,5
			32-14M 55	4F	2517	60	142,60	139,88	154	-	108	70	45	12,5
			34-14M 55	4F	2517	60	151,52	148,79	160	-	110	70	45	12,5
			36-14M 55	4F	2517	60	160,43	157,68	168	-	120	70	45	12,5
			38-14M 55	4F	2517	60	169,34	166,60	183	-	130	70	45	12,5
			40-14M 55	4F	2517	60	178,25	175,49	188	-	138	70	45	12,5
			44-14M 55	4F	3020	75	196,08	193,28	211	-	155	70	51	9,5
			48-14M 55	4F	3020	75	213,90	211,11	226	-	170	70	51	9,5
			56-14M 55	9WF	3020	75	249,55	246,76	256	170	208	70	51	9,5
			64-14M 55	9WF	3020	75	285,21	282,41	296	170	239	70	51	9,5
		WITHOUT FLANGES	72-14M 55	9W	3020	75	320,86	318,06	-	170	280	70	51	9,5
			80-14M 55	9A	3020	75	356,51	353,71	-	170	315	70	51	9,5
			90-14M 55	9A	3020	75	401,07	398,28	-	170	358	70	51	9,5
			112-14M 55	9A	3020	75	499,11	496,32	-	170	457	70	51	9,5
144-14M 55			9A	3020	75	641,71	638,92	-	170	600	70	51	9,5	
168-14M 55			9A	3020	75	748,66	745,87	-	170	706	70	51	9,5	

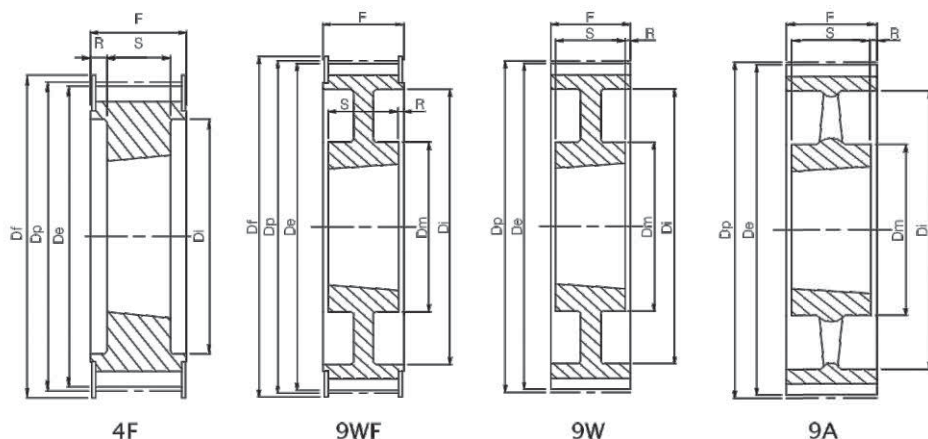
HTD 14M* 85 - Pitch 14mm TAPER LOCK TYPE For Belt Width 85mm



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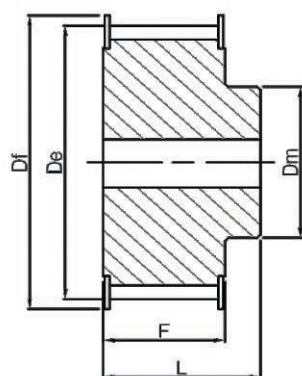
www.hkinfo.com													
Features		Pulley Designation	Type	BUSH	MAX. BORE	Dp	De	Df	Dm	Di	F	S	R
CAST IRON	WITH FLANGES	28-14M 85	4F	2517	60	124,78	122,12	127	-	99	102	45	28,5
		29-14M 85	4F	2517	60	129,23	126,57	138	-	100	102	45	28,5
		30-14M 85	4F	2517	60	133,69	130,99	138	-	100	102	45	28,5
		32-14M 85	4F	2517	60	142,60	139,88	154	-	108	102	45	28,5
		34-14M 85	4F	2517	60	151,52	148,79	160	-	110	102	45	28,5
		36-14M 85	4F	3020	75	160,43	157,68	168	-	125	102	51	25,5
		38-14M 85	4F	3020	75	169,34	166,60	183	-	130	102	51	25,5
		40-14M 85	4F	3020	75	178,25	175,49	188	-	138	102	51	25,5
		44-14M 85	4F	3030	75	196,08	193,28	211	-	155	102	76	13,0
		48-14M 85	4F	3030	75	213,90	211,11	226	-	170	102	76	13,0
		56-14M 85	4F	3525	90	249,55	246,76	256	-	210	102	65	18,5
		64-14M 85	9WF	3525	90	285,21	282,41	296	190	239	102	65	18,5
	WITHOUT FLANGES	72-14M 85	9W	3525	90	320,86	318,06	-	190	280	102	65	18,5
		80-14M 85	9A	3525	90	356,51	353,71	-	190	315	102	65	18,5
		90-14M 85	9A	3525	90	401,07	398,28	-	190	358	102	65	18,5
		112-14M 85	9A	3525	90	499,11	496,32	-	190	457	102	65	18,5
		144-14M 85	9A	3525	90	641,71	638,92	-	190	600	102	65	18,5
		168-14M 85	9A	3525	90	748,66	745,87	-	190	706	102	65	18,5

HTD 14M* 115 - Pitch 14mm TAPER LOCK TYPE For Belt Width 115mm

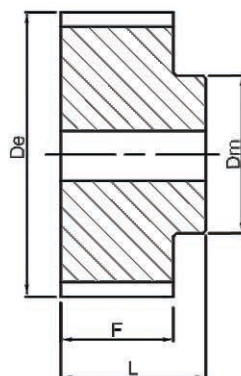


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		Pulley Designation	Type	BUSH	MAX. BORE	Dp	De	Df	Dm	Di	F	S	R
CAST IRON													
	WITH FLANGES	28-14M 115	4F	2517	60	124,78	122,12	127	-	99	133	45	44
		29-14M 115	4F	2517	60	129,23	126,57	138	-	100	133	45	44
		30-14M 115	4F	2517	60	133,69	130,99	138	-	100	133	45	44
		32-14M 115	4F	2517	60	142,60	139,88	154	-	108	133	45	44
		34-14M 115	4F	2517	60	151,52	148,79	160	-	115	133	45	44
		36-14M 115	4F	3020	75	160,43	157,68	168	-	125	133	51	41
		38-14M 115	4F	3020	75	169,34	166,60	183	-	130	133	51	41
		40-14M 115	4F	3020	75	178,25	175,49	188	-	140	133	51	41
		44-14M 115	4F	3030	75	196,08	193,28	211	-	155	133	76	28,5
		48-14M 115	4F	3030	75	213,90	211,11	226	-	170	133	76	28,5
		56-14M 115	4F	3535	90	249,55	246,76	256	-	210	133	89	22
		64-14M 115	9WF	3535	90	285,21	282,41	296	190	239	133	89	22
	WITHOUT FLANGES	72-14M 115	9W	3535	90	320,86	318,06	-	190	280	133	89	22
		80-14M 115	9A	3535	90	356,51	353,71	-	190	315	133	89	22
		90-14M 115	9A	3535	90	401,07	398,28	-	190	358	133	89	22
		112-14M115	9A	3535	90	499,11	496,32	-	190	456	133	89	22
		144-14M115	9A	4040	100	641,71	638,92	-	230	600	133	102	15,5
		168-14M115	9A	4040	100	748,66	745,87	-	230	706	133	102	15,5



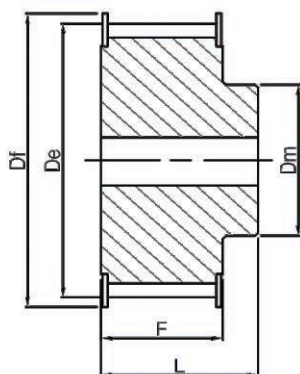
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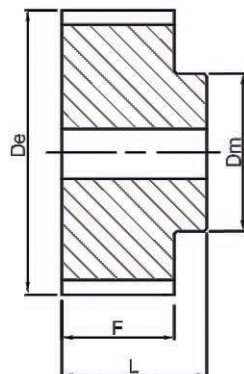
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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	21 T5/10-2	6F	15,92	15,05	19,5	8	15	21	—
		21 T5/12-2	6F	19,01	18,25	23,0	11	15	21	—
		21 T5/14-2	6F	22,29	21,45	25,0	14	15	21	—
		21 T5/15-2	6F	23,88	23,05	28,0	16	15	21	6
		21 T5/16-2	6F	25,47	24,60	32,0	18	15	21	6
		21 T5/18-2	6F	28,65	27,80	32,0	20	15	21	6
		21 T5/19-2	6F	30,25	29,40	36,0	22	15	21	6
		21 T5/20-2	6F	31,83	31,00	36,0	23	15	21	6
		21 T5/22-2	6F	35,12	34,25	38,0	24	15	21	6
		21 T5/24-2	6F	38,21	37,40	42,0	26	15	21	6
		21 T5/25-2	6F	39,80	39,00	44,0	26	15	21	6
		21 T5/26-2	6F	41,47	40,60	44,0	26	15	21	6
		21 T5/27-2	6F	42,98	42,20	48,0	30	15	21	8
		21 T5/28-2	6F	44,62	43,75	48,0	32	15	21	8
		21 T5/30-2	6F	47,76	46,95	51,0	34	15	21	8
		21 T5/32-2	6F	50,94	50,10	54,0	38	15	21	8
		21 T5/36-2	6F	57,31	56,45	63,0	38	15	21	8
		21 T5/40-2	6F	63,66	62,85	66,0	40	15	21	8
	21 T5/42-2	6F	66,87	66,00	71,0	40	15	21	8	
	W/O FLANGES	21 T5/44-0	6	70,07	69,20	—	45	15	21	8
		21 T5/48-0	6	76,42	75,55	—	50	15	21	8
21 T5/60-0		6	95,52	94,65	—	65	15	21	8	



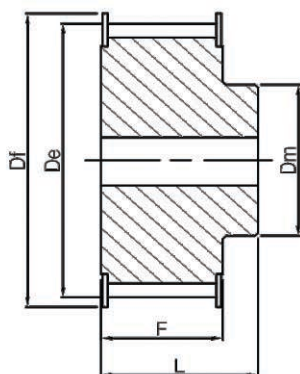
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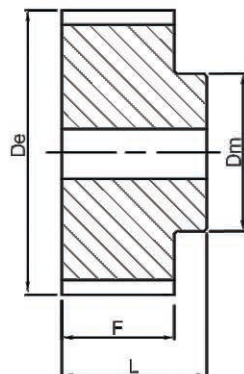
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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	27 T5/10-2	6F	15,92	15,05	19,5	8	21	27	—
		27 T5/12-2	6F	19,01	18,25	23,0	11	21	27	—
		27 T5/14-2	6F	22,29	21,45	25,0	14	21	27	—
		27 T5/15-2	6F	23,88	23,05	28,0	16	21	27	6
		27 T5/16-2	6F	25,47	24,60	32,0	18	21	27	6
		27 T5/18-2	6F	28,65	27,80	32,0	20	21	27	6
		27 T5/19-2	6F	30,25	29,40	36,0	22	21	27	6
		27 T5/20-2	6F	31,83	31,00	36,0	23	21	27	6
		27 T5/22-2	6F	35,12	34,25	38,0	24	21	27	6
		27 T5/24-2	6F	38,21	37,40	42,0	26	21	27	6
		27 T5/25-2	6F	39,80	39,00	44,0	26	21	27	6
		27 T5/26-2	6F	41,47	40,60	44,0	26	21	27	6
		27 T5/27-2	6F	42,98	42,20	48,0	30	21	27	8
		27 T5/28-2	6F	44,62	43,75	48,0	32	21	27	8
		27 T5/30-2	6F	47,76	46,95	51,0	34	21	27	8
		27 T5/32-2	6F	50,94	50,10	54,0	38	21	27	8
		27 T5/36-2	6F	57,31	56,45	63,0	38	21	27	8
		27 T5/40-2	6F	63,66	62,85	66,0	40	21	27	8
		27 T5/42-2	6F	66,87	66,00	71,0	40	21	27	8
	W/O FLANGES	27 T5/44-0	6	70,07	69,20	—	45	21	27	8
		27 T5/48-0	6	76,42	75,55	—	50	21	27	8
		27 T5/60-0	6	95,52	94,65	—	65	21	27	8



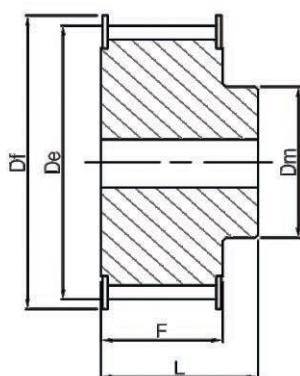
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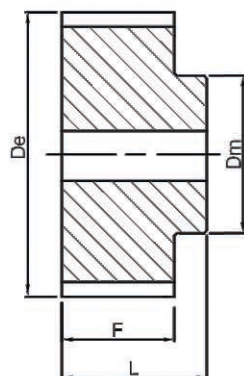
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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	36 T5/10-2	6F	15,92	15,05	19,5	8	30	36	—
		36 T5/12-2	6F	19,01	18,25	23,0	11	30	36	—
		36 T5/14-2	6F	22,29	21,45	25,0	14	30	36	—
		36 T5/15-2	6F	23,88	23,05	28,0	16	30	36	6
		36 T5/16-2	6F	25,47	24,60	32,0	18	30	36	6
		36 T5/18-2	6F	28,65	27,80	32,0	20	30	36	6
		36 T5/19-2	6F	30,25	29,40	36,0	22	30	36	6
		36 T5/20-2	6F	31,83	31,00	36,0	23	30	36	6
		36 T5/22-2	6F	35,12	34,25	38,0	24	30	36	6
		36 T5/24-2	6F	38,21	37,40	42,0	26	30	36	8
		36 T5/25-2	6F	39,80	39,00	44,0	26	30	36	8
		36 T5/26-2	6F	41,47	40,60	44,0	26	30	36	8
		36 T5/27-2	6F	42,98	42,20	48,0	30	30	36	8
		36 T5/28-2	6F	44,62	43,75	48,0	32	30	36	8
		36 T5/30-2	6F	47,76	46,95	51,0	34	30	36	8
		36 T5/32-2	6F	50,94	50,10	54,0	38	30	36	8
		36 T5/36-2	6F	57,31	56,45	63,0	38	30	36	8
		36 T5/40-2	6F	63,66	62,85	66,0	40	30	36	8
		36 T5/42-2	6F	66,87	66,00	71,0	40	30	36	8
	W/O FLANGES	36 T5/44-0	6	70,07	69,20	—	45	30	36	8
		36 T5/48-0	6	76,42	75,55	—	50	30	36	8
		36 T5/60-0	6	95,52	94,65	—	65	30	36	8



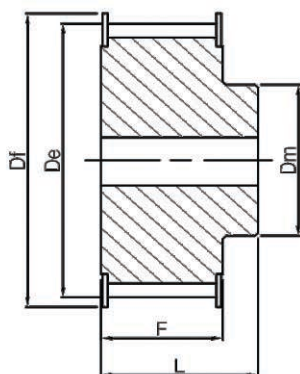
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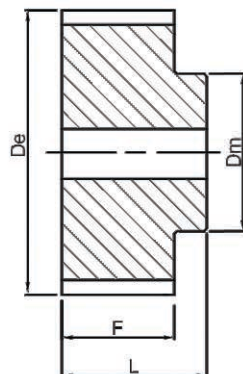
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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	31 T10/12-2	6F	38,20	36,35	42	28	21	31	6
		31 T10/14-2	6F	44,56	42,70	48	32	21	31	8
		31 T10/15-2	6F	47,75	45,90	51	32	21	31	8
		31 T10/16-2	6F	50,93	49,05	54	35	21	31	8
		31 T10/18-2	6F	57,29	55,45	60	40	21	31	8
		31 T10/19-2	6F	60,48	58,60	66	44	21	31	8
		31 T10/20-2	6F	63,66	61,80	66	46	21	31	8
		31 T10/22-2	6F	70,03	68,15	75	52	21	31	8
		31 T10/24-2	6F	76,39	74,55	83	58	21	31	8
		31 T10/25-2	6F	79,58	77,70	83	60	21	31	8
		31 T10/26-2	6F	82,76	80,90	87	60	21	31	8
		31 T10/27-2	6F	85,95	84,10	91	60	21	31	8
		31 T10/28-2	6F	89,13	87,25	93	60	21	31	8
		31 T10/30-2	6F	95,49	93,65	97	60	21	31	8
		31 T10/32-2	6F	101,86	100,00	106	65	21	31	10
		31 T10/36-2	6F	114,59	112,75	119	70	21	31	10
		31 T10/40-2	6F	127,32	125,45	131	80	21	31	10
	W/O FLANGES	31 T10/44-0	6	140,06	138,20	—	88	21	31	10
		31 T10/48-0	6	152,78	150,95	—	95	21	31	16
		31 T10/60-0	6	190,98	189,10	—	110	21	31	16



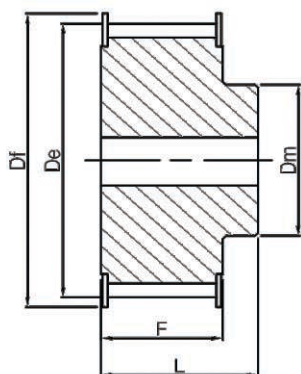
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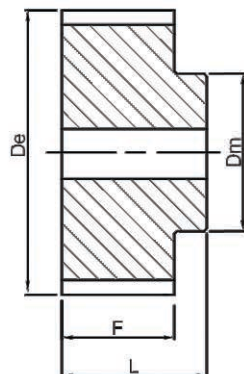
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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	40 T10/12-2	6F	38,20	36,35	42	28	30	40	6
		40 T10/14-2	6F	44,56	42,70	48	32	30	40	8
		40 T10/15-2	6F	47,75	45,90	51	32	30	40	8
		40 T10/16-2	6F	50,93	49,05	54	35	30	40	8
		40 T10/18-2	6F	57,29	55,45	60	40	30	40	8
		40 T10/19-2	6F	60,48	58,60	66	44	30	40	8
		40 T10/20-2	6F	63,66	61,80	66	46	30	40	8
		40 T10/22-2	6F	70,03	68,15	75	52	30	40	8
		40 T10/24-2	6F	76,39	74,55	83	58	30	40	8
		40 T10/25-2	6F	79,58	77,70	83	60	30	40	8
		40 T10/26-2	6F	82,76	80,90	87	60	30	40	8
		40 T10/27-2	6F	85,95	84,10	91	60	30	40	8
		40 T10/28-2	6F	89,13	87,25	93	60	30	40	8
		40 T10/30-2	6F	95,49	93,65	97	60	30	40	8
		40 T10/32-2	6F	101,86	100,00	106	65	30	40	10
		40 T10/36-2	6F	114,59	112,75	119	70	30	40	10
		40 T10/40-2	6F	127,32	125,45	131	80	30	40	10
	W/O FLANGES	40 T10/44-0	6	140,06	138,20	—	88	30	40	10
		40 T10/48-0	6	152,78	150,95	—	95	30	40	16
		40 T10/60-0	6	190,98	189,10	—	110	30	40	16



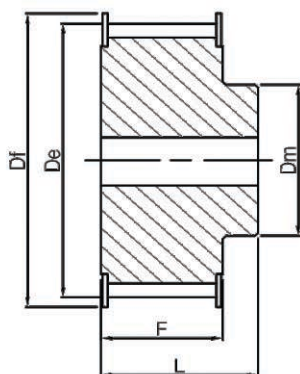
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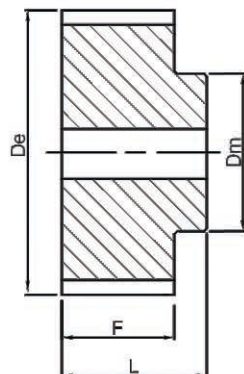
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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	47 T10/18-2	6F	57,29	55,45	60	40	37	47	10
		47 T10/19-2	6F	60,48	58,60	66	44	37	47	10
		47 T10/20-2	6F	63,66	61,80	66	46	37	47	12
		47 T10/22-2	6F	70,03	68,15	75	52	37	47	12
		47 T10/24-2	6F	76,39	74,55	83	58	37	47	12
		47 T10/25-2	6F	79,58	77,70	83	60	37	47	12
		47 T10/26-2	6F	82,76	80,90	87	60	37	47	12
		47 T10/27-2	6F	85,95	84,10	91	60	37	47	12
		47 T10/28-2	6F	89,13	87,25	93	60	37	47	12
		47 T10/30-2	6F	95,49	93,65	97	60	37	47	12
		47 T10/32-2	6F	101,86	100,00	106	65	37	47	12
		47 T10/36-2	6F	114,59	112,75	119	70	37	47	16
		47 T10/40-2	6F	127,32	125,45	131	80	37	47	16
	W/O FLANGES	47 T10/44-0	6	140,06	138,20	—	88	37	47	16
		47 T10/48-0	6	152,78	150,95	—	95	37	47	16
		47 T10/60-0	6	190,98	189,10	—	110	37	47	16



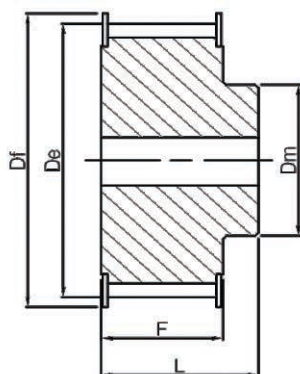
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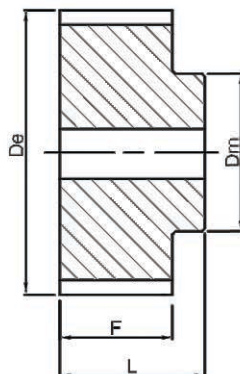
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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	66 T10/18-2	6F	57,29	55,45	60	40	56	66	10
		66 T10/19-2	6F	60,48	58,60	66	44	56	66	10
		66 T10/20-2	6F	63,66	61,80	66	46	56	66	12
		66 T10/22-2	6F	70,03	68,15	75	52	56	66	12
		66 T10/24-2	6F	76,39	74,55	83	58	56	66	12
		66 T10/25-2	6F	79,58	77,70	83	60	56	66	12
		66 T10/26-2	6F	82,76	80,90	87	60	56	66	12
		66 T10/27-2	6F	85,95	84,10	91	60	56	66	12
		66 T10/28-2	6F	89,13	87,25	93	60	56	66	12
		66 T10/30-2	6F	95,49	93,65	97	60	56	66	12
		66 T10/32-2	6F	101,86	100,00	106	65	56	66	12
		66 T10/36-2	6F	114,59	112,75	119	70	56	66	16
		66 T10/40-2	6F	127,32	125,45	131	80	56	66	16
	W/O FLANGES	66 T10/44-0	6	140,06	138,20	—	88	56	66	16
		66 T10/48-0	6	152,78	150,95	—	95	56	66	16
		66 T10/60-0	6	190,98	189,10	—	110	56	66	16



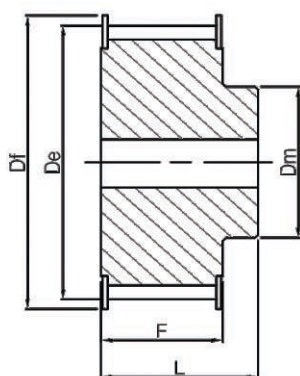
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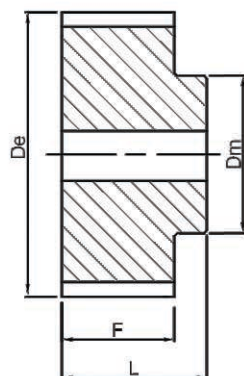
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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	21 AT5/12-2	6F	19,01	17,85	23,0	11	15	21	—
		21 AT5/14-2	6F	22,29	21,05	25,0	14	15	21	—
		21 AT5/15-2	6F	23,88	22,65	28,0	16	15	21	6
		21 AT5/16-2	6F	25,47	24,20	32,0	18	15	21	6
		21 AT5/18-2	6F	28,65	27,40	32,0	20	15	21	6
		21 AT5/19-2	6F	30,25	29,00	36,0	22	15	21	6
		21 AT5/20-2	6F	31,83	30,60	36,0	23	15	21	6
		21 AT5/22-2	6F	35,12	33,85	38,0	24	15	21	6
		21 AT5/24-2	6F	38,21	37,00	42,0	26	15	21	6
		21 AT5/25-2	6F	39,80	38,60	44,0	26	15	21	6
		21 AT5/26-2	6F	41,47	40,20	44,0	26	15	21	6
		21 AT5/27-2	6F	42,98	41,80	48,0	30	15	21	8
		21 AT5/28-2	6F	44,62	43,35	48,0	32	15	21	8
		21 AT5/30-2	6F	47,76	46,55	51,0	34	15	21	8
		21 AT5/32-2	6F	50,94	49,70	54,0	38	15	21	8
		21 AT5/36-2	6F	57,31	56,05	63,0	38	15	21	8
		21 AT5/40-2	6F	63,66	62,45	66,0	40	15	21	8
		21 AT5/42-2	6F	66,87	65,60	71,0	40	15	21	8
	W/O FLANGES	21 AT5/44-0	6	70,07	68,80	—	45	15	21	8
		21 AT5/48-0	6	76,42	75,15	—	50	15	21	8
		21 AT5/60-0	6	95,52	94,25	—	65	15	21	8



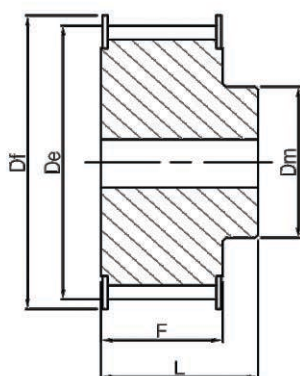
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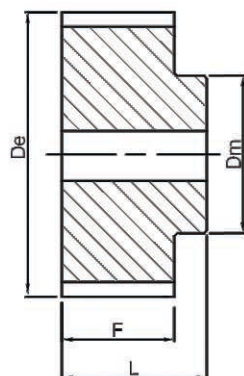
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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	27 AT5/12-2	6F	19,01	17,85	23,0	11	21	27	—
		27 AT5/14-2	6F	22,29	21,05	25,0	14	21	27	—
		27 AT5/15-2	6F	23,88	22,65	28,0	16	21	27	6
		27 AT5/16-2	6F	25,47	24,20	32,0	18	21	27	6
		27 AT5/18-2	6F	28,65	27,40	32,0	20	21	27	6
		27 AT5/19-2	6F	30,25	29,00	36,0	22	21	27	6
		27 AT5/20-2	6F	31,83	30,60	36,0	23	21	27	6
		27 AT5/22-2	6F	35,12	33,85	38,0	24	21	27	6
		27 AT5/24-2	6F	38,21	37,00	42,0	26	21	27	6
		27 AT5/25-2	6F	39,80	38,60	44,0	26	21	27	6
		27 AT5/26-2	6F	41,47	40,20	44,0	26	21	27	6
		27 AT5/27-2	6F	42,98	41,80	48,0	30	21	27	8
		27 AT5/28-2	6F	44,62	43,35	48,0	32	21	27	8
		27 AT5/30-2	6F	47,76	46,55	51,0	34	21	27	8
		27 AT5/32-2	6F	50,94	49,70	54,0	38	21	27	8
		27 AT5/36-2	6F	57,31	56,05	63,0	38	21	27	8
		27 AT5/40-2	6F	63,66	62,45	66,0	40	21	27	8
		27 AT5/42-2	6F	66,87	65,60	71,0	40	21	27	8
	W/O FLANGES	27 AT5/44-0	6	70,07	68,80	—	45	21	27	8
		27 AT5/48-0	6	76,42	75,15	—	50	21	27	8
		27 AT5/60-0	6	95,52	94,25	—	65	21	27	8



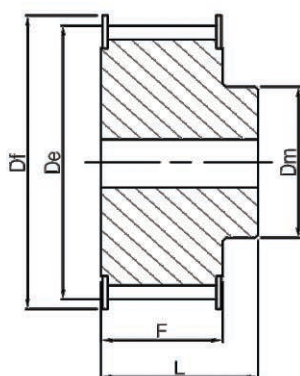
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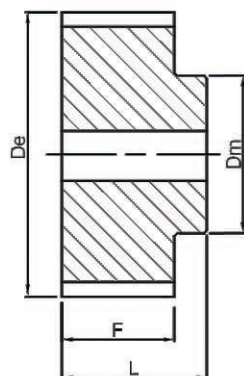
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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	36 AT5/12-2	6F	19,01	17,85	23,0	11	30	36	—
		36 AT5/14-2	6F	22,29	21,05	25,0	14	30	36	—
		36 AT5/15-2	6F	23,88	22,65	28,0	16	30	36	6
		36 AT5/16-2	6F	25,47	24,20	32,0	18	30	36	6
		36 AT5/18-2	6F	28,65	27,40	32,0	20	30	36	6
		36 AT5/19-2	6F	30,25	29,00	36,0	22	30	36	6
		36 AT5/20-2	6F	31,83	30,60	36,0	23	30	36	6
		36 AT5/22-2	6F	35,12	33,85	38,0	24	30	36	6
		36 AT5/24-2	6F	38,21	37,00	42,0	26	30	36	8
		36 AT5/25-2	6F	39,80	38,60	44,0	26	30	36	8
		36 AT5/26-2	6F	41,47	40,20	44,0	26	30	36	8
		36 AT5/27-2	6F	42,98	41,80	48,0	30	30	36	8
		36 AT5/28-2	6F	44,62	43,35	48,0	32	30	36	8
		36 AT5/30-2	6F	47,76	46,55	51,0	34	30	36	8
		36 AT5/32-2	6F	50,94	49,70	54,0	38	30	36	8
		36 AT5/36-2	6F	57,31	56,05	63,0	38	30	36	8
		36 AT5/40-2	6F	63,66	62,45	66,0	40	30	36	8
		36 AT5/42-2	6F	66,87	65,60	71,0	40	30	36	8
	W/O FLANGES	36 AT5/44-0	6	70,07	68,80	—	45	30	36	8
		36 AT5/48-0	6	76,42	75,15	—	50	30	36	8
		36 AT5/60-0	6	95,52	94,25	—	65	30	36	8



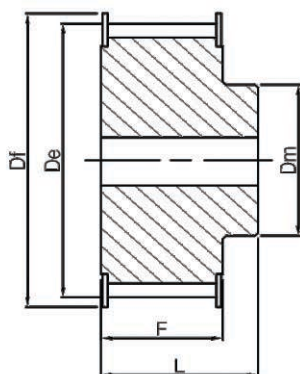
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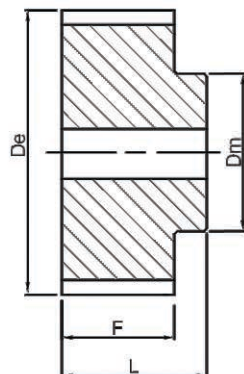
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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	31AT10/15-2	6F	47,75	45,90	51	32	21	31	8
		31AT10/16-2	6F	50,93	49,05	54	35	21	31	8
		31AT10/18-2	6F	57,29	55,45	60	40	21	31	8
		31AT10/19-2	6F	60,48	58,60	66	44	21	31	8
		31AT10/20-2	6F	63,66	61,80	66	46	21	31	8
		31AT10/22-2	6F	70,03	68,15	75	52	21	31	8
		31AT10/24-2	6F	76,39	74,55	83	58	21	31	8
		31AT10/25-2	6F	79,58	77,70	83	60	21	31	8
		31AT10/26-2	6F	82,76	80,90	87	60	21	31	8
		31AT10/27-2	6F	85,95	84,10	91	60	21	31	8
		31AT10/28-2	6F	89,13	87,25	93	60	21	31	8
		31AT10/30-2	6F	95,49	93,65	97	60	21	31	8
		31AT10/32-2	6F	101,86	100,00	106	65	21	31	10
		31AT10/36-2	6F	114,59	112,75	119	70	21	31	10
		31AT10/40-2	6F	127,32	125,45	131	80	21	31	10
	W/O FLANGES	31AT10/44-0	6	140,06	138,20	—	88	21	31	10
		31AT10/48-0	6	152,78	150,95	—	95	21	31	16
		31AT10/60-0	6	190,98	189,10	—	110	21	31	16



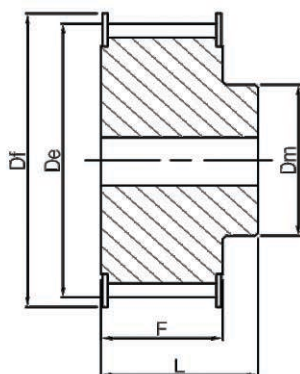
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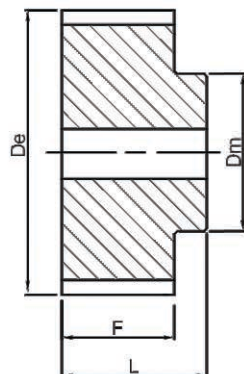
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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	40AT10/15-2	6F	47,75	45,90	51	32	30	40	8
		40AT10/16-2	6F	50,93	49,05	54	35	30	40	8
		40AT10/18-2	6F	57,29	55,45	60	40	30	40	8
		40AT10/19-2	6F	60,48	58,60	66	44	30	40	8
		40AT10/20-2	6F	63,66	61,80	66	46	30	40	8
		40AT10/22-2	6F	70,03	68,15	75	52	30	40	8
		40AT10/24-2	6F	76,39	74,55	83	58	30	40	8
		40AT10/25-2	6F	79,58	77,70	83	60	30	40	8
		40AT10/26-2	6F	82,76	80,90	87	60	30	40	8
		40AT10/27-2	6F	85,95	84,10	91	60	30	40	8
		40AT10/28-2	6F	89,13	87,25	93	60	30	40	8
		40AT10/30-2	6F	95,49	93,65	97	60	30	40	8
		40AT10/32-2	6F	101,86	100,00	106	65	30	40	10
		40AT10/36-2	6F	114,59	112,75	119	70	30	40	10
		40AT10/40-2	6F	127,32	125,45	131	80	30	40	10
	W/O FLANGES	40AT10/44-0	6	140,06	138,20	—	88	30	40	10
		40AT10/48-0	6	152,78	150,95	—	95	30	40	16
		40AT10/60-0	6	190,98	189,10	—	110	30	40	16



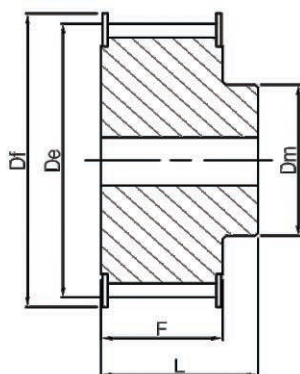
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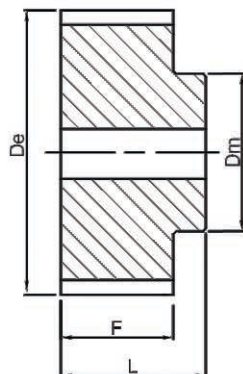
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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	47AT10/18-2	6F	57,29	55,45	60	40	37	47	10
		47AT10/19-2	6F	60,48	58,60	66	44	37	47	10
		47AT10/20-2	6F	63,66	61,80	66	46	37	47	12
		47AT10/22-2	6F	70,03	68,15	75	52	37	47	12
		47AT10/24-2	6F	76,39	74,55	83	58	37	47	12
		47AT10/25-2	6F	79,58	77,70	83	60	37	47	12
		47AT10/26-2	6F	82,76	80,90	87	60	37	47	12
		47AT10/27-2	6F	85,95	84,10	91	60	37	47	12
		47AT10/28-2	6F	89,13	87,25	93	60	37	47	12
		47AT10/30-2	6F	95,49	93,65	97	60	37	47	12
		47AT10/32-2	6F	101,86	100,00	106	65	37	47	12
		47AT10/36-2	6F	114,59	112,75	119	70	37	47	16
		47AT10/40-2	6F	127,32	125,45	131	80	37	47	16
	W/O FLANGES	47AT10/44-0	6	140,06	138,20	—	88	37	47	16
		47AT10/48-0	6	152,78	150,95	—	95	37	47	16
		47AT10/60-0	6	190,98	189,10	—	110	37	47	16



6F

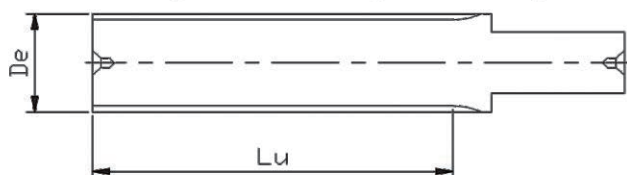


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Features		Pulley Designation	Type	PCD	De	Df	Dm	F	L	Stock Bore
ALUMINIUM	WITH FLANGES	66 AT10/18-2	6F	57,29	55,45	60	40	56	66	10
		66 AT10/19-2	6F	60,48	58,60	66	44	56	66	10
		66 AT10/20-2	6F	63,66	61,80	66	46	56	66	12
		66 AT10/22-2	6F	70,03	68,15	75	52	56	66	12
		66 AT10/24-2	6F	76,39	74,55	83	58	56	66	12
		66 AT10/25-2	6F	79,58	77,70	83	60	56	66	12
		66 AT10/26-2	6F	82,76	80,90	87	60	56	66	12
		66 AT10/27-2	6F	85,95	84,10	91	60	56	66	12
		66 AT10/28-2	6F	89,13	87,25	93	60	56	66	12
		66 AT10/30-2	6F	95,49	93,65	97	60	56	66	12
		66 AT10/32-2	6F	101,86	100,00	106	65	56	66	12
		66 AT10/36-2	6F	114,59	112,75	119	70	56	66	16
		66 AT10/40-2	6F	127,32	125,45	131	80	56	66	16
	W/O FLANGES	66 AT10/44-0	6	140,06	138,20	—	88	56	66	16
		66 AT10/48-0	6	152,78	150,95	—	95	56	66	16
		66 AT10/60-0	6	190,98	189,10	—	110	56	66	16

MXL Timing Bars - Pitch 2,032mm / 0,080"

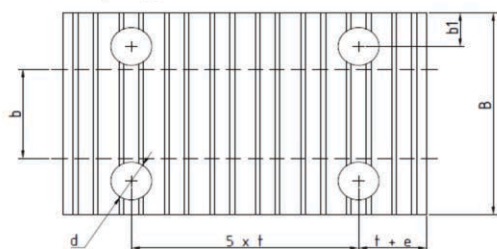


Material : Aluminum

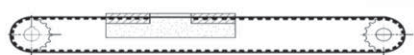
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Z		Dp	De	Lu
Teeth	Pitch	Pitch Ø	Outside Ø	
10	MXL	6.47	5.97	60
11	MXL	7.11	6.61	60
12	MXL	7.76	7.26	60
14	MXL	9.06	8.56	60
15	MXL	9.70	9.20	60
16	MXL	10.35	9.85	60
17	MXL	11.00	10.50	60
18	MXL	11.64	11.14	60
19	MXL	12.29	11.79	60
20	MXL	12.94	12.44	60
21	MXL	13.58	13.08	60
22	MXL	14.23	13.73	60
24	MXL	15.52	15.02	60
25	MXL	16.17	15.67	60
26	MXL	16.82	16.32	60
28	MXL	18.11	17.61	60
30	MXL	19.40	18.90	60
32	MXL	20.70	20.20	60
34	MXL	21.99	21.49	60
36	MXL	23.29	22.79	60
38	MXL	24.58	24.08	60
40	MXL	25.87	25.37	60
42	MXL	27.17	26.67	60
44	MXL	28.46	27.96	60
45	MXL	29.11	28.61	60
48	MXL	31.05	30.55	60
50	MXL	32.34	31.84	60
60	MXL	38.81	38.31	60
64	MXL	41.40	40.90	60
72	MXL	46.57	46.07	60
75	MXL	48.51	48.01	60
80	MXL	51.74	51.24	60
90	MXL	58.21	57.71	60
120	MXL	77.62	77.12	60

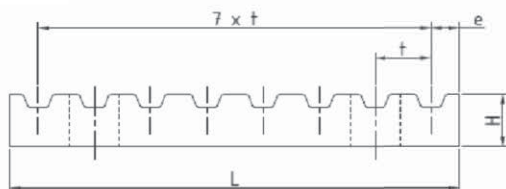
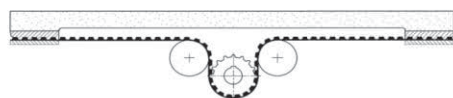
Clamping Plates for Linear Drives



Application 2



Application 1



Material : Aluminium, Anodised

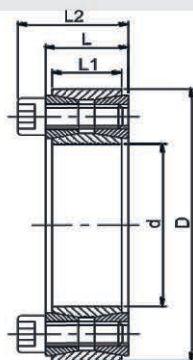
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Designation	Pitch t	Belt Width b	B	b/2	L	e	H	d
CP 5M 09	5	9	28	6	41,8	3,2	8	5,5
CP 5M 15	5	15	34	6	41,8	3,2	8	5,5
CP 5M 25	5	25	44	6	41,8	3,2	8	5,5
CP 8M 20	8	20	45	8	66	5	15	9
CP 8M 30	8	30	55	8	66	5	15	9
CP 8M 50	8	50	75	8	66	5	15	9
CP 14M 40	14	40	71	10	116	9	22	11
CP 14M 55	14	55	86	10	116	9	22	11
CP 14M 85	14	85	116	10	116	9	22	11
CP T5 16	5	16	35	6	41,8	3,2	8	5,5
CP T5 25	5	25	44	6	41,8	3,2	8	5,5
CP T5 32	5	32	51	6	41,8	3,2	8	5,5
CP T10 16	10	16	41	8	80	5	15	9
CP T10 25	10	25	50	8	80	5	15	9
CP T10 32	10	32	57	8	80	5	15	9
CP T10 50	10	50	75	8	80	5	15	9
CP AT5 16	5	16	35	6	41,8	3,2	8	5,5
CP AT5 25	5	25	44	6	41,8	3,2	8	5,5
CP AT5 32	5	32	51	6	41,8	3,2	8	5,5
CP AT10 16	10	16	41	8	80	5	15	9
CP AT10 25	10	25	50	8	80	5	15	9
CP AT10 32	10	32	57	8	80	5	15	9
CP AT10 50	10	50	75	8	80	5	15	9
CP L 050	9,525	12,7	39	8	76,6	5	15	9
CP L 075	9,525	19,05	45	8	76,6	5	15	9
CP L 100	9,525	25,4	52	8	76,6	5	15	9
CP L 150	9,525	38,1	64	8	76,6	5	15	9
CP H 075	12,700	19,05	51	10	106,9	9	15	11
CP H 100	12,700	25,4	57,5	10	106,9	9	15	11
CP H 150	12,700	38,1	70	10	106,9	9	15	11
CP H 200	12,700	50,8	83	10	106,9	9	15	11

Keyless Locking Elements

XK-01

NOT SELF CENTERING



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Model	Dimensions			Rated Load		Pressure on Shaft Ps (N/mm ²)	Pressure on Hub Ph (N/mm ²)	Screw Tightening Torque Ts
	d x D x L	L1	L2	Axial (KN) Ft	Torque (Nm) Mt			
XK-01	19x47x20	17	27.5	29	280	225	95	16
XK-01	20x47x20	17	27.5	29	280	225	95	16
XK-01	22x47x20	17	27.5	29	310	210	95	16
XK-01	24x50x20	17	27.5	32	370	210	100	16
XK-01	25x50x20	17	27.5	32	400	200	100	16
XK-01	28x55x20	17	27.5	36	500	200	100	16
XK-01	30x55x20	17	27.5	36	530	185	100	16
XK-01	32x60x20	17	27.5	42	680	205	110	16
XK-01	35x60x20	17	27.5	43	750	190	110	16
XK-01	38x65x20	17	27.5	49	930	200	115	16
XK-01	40x65x20	17	27.5	49	980	190	115	16
XK-01	42x75x24	20	33.5	75	1580	235	130	38
XK-01	45x75x24	20	33.5	76	1700	220	130	38
XK-01	48x80x24	20	33.5	74	1790	210	120	38
XK-01	50x80x24	20	33.5	75	1870	200	120	38
XK-01	55x85x24	20	33.5	88	2390	210	135	38
XK-01	60x90x24	20	33.5	88	2610	190	125	38
XK-01	65x95x24	20	33.5	98	3210	200	135	38
XK-01	70x110x28	24	39.5	132	4600	210	130	75
XK-01	75x115x28	24	39.5	131	4900	195	125	75
XK-01	80x120x28	24	39.5	131	5200	180	120	75
XK-01	85x125x28	24	39.5	148	6300	195	130	75
XK-01	90x130x28	24	39.5	147	6600	180	125	75
XK-01	95x135x28	24	39.5	167	7900	195	135	75
XK-01	100x145x33	26	47	195	9750	195	135	130

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Keyless Locking Elements - XK-01 - NON SELF CENTERING

Features -

This locking element is an assembly consisting of an outer cut ring, an inner cut ring, two conical rings to be inserted opposite in the cut rings and the associated clamping screws. Not self centering. Designed for medium to high torques.

Multiple Installation -

When significant torque ratings are required, upto 4 locking elements of type XK-01 can be used in a row - see Fig.2. The transmissible total torque rating is given as follows :

with 1 locking element	=Mt	with 2 locking element	=Mt x 1.9
with 3 locking element	=Mt x 2.7	with 4 locking element	=Mt x 3.6

Machining Tolerances and surface quality - Clearance fit

Shaft diameter =h11 Hub bore =H11

By fine turned finish machined, shafts and hubs require a maximum :

Surface roughness $R_t \leq 16 \mu\text{m}$ $R_a \leq 3.2 \mu\text{m}$

Installation -

Carefully clean and sparingly oil both shafts and hubs. Do not use oils with Molybdenum Bisulphide or EP oils. Insert the locking element, tighten the screws alternately, gradually and uniformly by several turns to the "Ts" torque rating shown in the table.

Removal -

Loosen all screws alternately, gradually and uniformly. If necessary, tap lightly on the screws in order to release the back ring. Should this not work, remove the zinc plated screws to have access to the jacking off holes. Insert in them screws of superior sizes to those of assembly and pull in order to release the assembly. The thread of jacking off holes is not through.

Installation examples -

nkit@vsnl.net

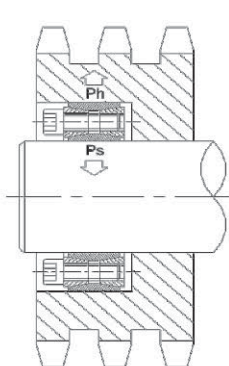


Fig. 1

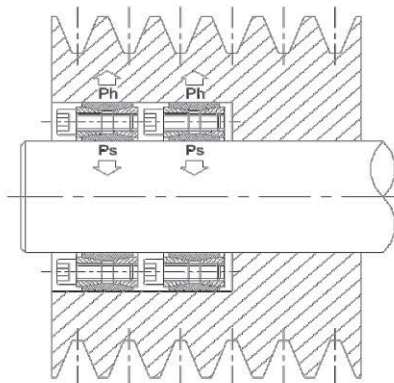


Fig. 2

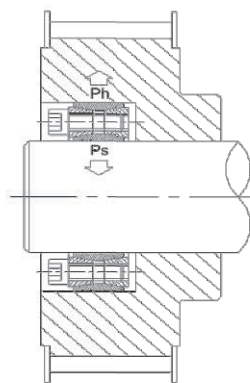
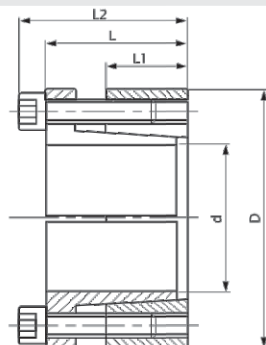


Fig. 3

Keyless Locking Elements

XR-03

SELF CENTERING



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Model	Dimensions			Rated Load		Pressure on Shaft Ps (N/mm ²)	Pressure on Hub Ph (N/mm ²)	Screw Tightening Torque Ts
	d x D x L	L1	L2	Axial (KN) Ft	Torque (Nm) Mt			
XR-03	19x47x28	17	34	29	273	262	106	13
XR-03	20x47x28	17	34	29	287	249	106	13
XR-03	22x47x28	17	34	29	316	227	106	13
XR-03	24x50x28	17	34	34	413	249	120	13
XR-03	25x50x28	17	34	34	431	239	120	13
XR-03	28x55x28	17	34	34	482	213	109	13
XR-03	30x55x28	17	34	34	517	199	109	13
XR-03	32x60x28	17	34	46	734	249	133	13
XR-03	35x60x28	17	34	46	803	227	133	13
XR-03	38x65x28	17	34	46	872	210	122	13
XR-03	40x65x28	17	34	46	918	199	122	13
XR-03	42x75x33	20	41	74	1563	261	146	32
XR-03	45x75x33	20	41	74	1674	244	146	32
XR-03	50x80x33	20	41	74	1860	219	137	32
XR-03	55x85x33	20	41	85	2340	228	148	32
XR-03	60x90x33	20	41	85	2553	209	139	32
XR-03	65x95x33	20	41	96	3110	217	149	32
XR-03	70x110x40	24	50	138	4838	243	154	65
XR-03	75x115x40	24	50	138	5184	226	148	65
XR-03	80x120x40	24	50	138	5530	212	142	65
XR-03	85x125x40	24	50	156	6610	225	153	65
XR-03	90x130x40	24	50	156	6998	212	147	65
XR-03	95x135x40	24	50	173	8208	223	157	65
XR-03	100x145x44	26	56	195	9742	221	152	110
XR-03	110x155x44	26	56	195	10716	201	143	110
XR-03	120x165x44	26	56	219	13154	207	151	110
XR-03	130x180x52	34	64	292	18996	195	141	110
XR-03	140x190x54	34	68	291	20336	180	133	170
XR-03	150x200x54	34	68	323	24211	187	140	170

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Keyless Locking Elements

XR-03

SELF CENTERING

Features -

This locking element is supplied as an assembly consisting of an outer cut ring, an inner cut ring and the associated clamping screws. Self centering. Designed for medium to high torques.

Machining Tolerances and surface quality -

Clearance fit

Shaft diameter

h8

Hub bore

H8

By fine turned finish machined, shafts, and hubs require a maximum :

Surface roughness $R_t \leq 16 \mu\text{m}$ $R_a \leq 3.2 \mu\text{m}$

Installation -

Carefully clean and sparingly oil both shafts and hubs. Do not use oils with Molybdenum Bisulphide or EP oils. Insert the locking element, tighten the screws alternately, gradually and uniformly by several turns to the "Ts" torque rating shown in the table.

Removal -

Loosen all screws alternately, gradually and uniformly, remove two or more cap screws and then re-insert them into the threaded holes. As the screws enter, they contact the mating parts and become jackscrews that release the clamping action on the locking element, loosening it from the assembly.

Installation examples -

nkit@vsnl.net

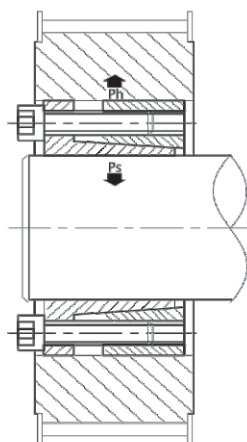


Fig. 1

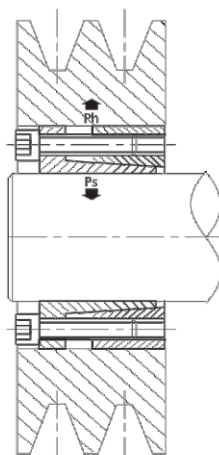
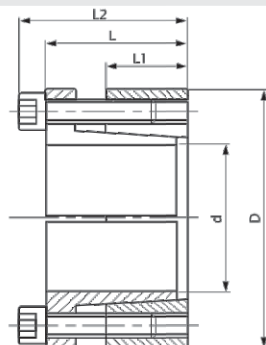


Fig. 2

Keyless Locking Elements

***XR-04**

SELF CENTERING



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Model	Dimensions			Rated Load		Pressure on Shaft Ps (N/mm ²)	Pressure on Hub Ph (N/mm ²)	Screw Tightening Torque Ts
	d x D x L	L1	L2	Axial (KN) Ft	Torque (Nm) Mt			
XR-04	20x47x31	21.7	37	30	300	287	90	17
XR-04	22x47x31	21.7	37	30	330	260	90	17
XR-04	24x50x31	21.7	37	35	420	299	106	17
XR-04	25x50x31	21.7	37	35	440	287	106	17
XR-04	28x55x31	21.7	37	35	490	256	96	17
XR-04	30x55x31	21.7	37	35	530	239	96	17
XR-04	32x60x31	21.7	37	45	740	269	106	17
XR-04	35x60x31	21.7	37	45	810	246	106	17
XR-04	38x65x31	21.7	37	45	890	226	98	17
XR-04	40x65x31	21.7	37	45	940	215	98	41
XR-04	42x75x38	25.3	46	80	1730	303	134	41
XR-04	45x75x38	25.3	46	80	1860	283	134	41
XR-04	48x80x38	25.3	46	80	1980	266	126	41
XR-04	50x80x38	25.3	46	80	2070	255	126	41
XR-04	55x85x38	25.3	46	90	2540	270	138	41
XR-04	60x90x38	25.3	46	90	2770	247	130	41
XR-04	65x95x38	25.3	46	105	3580	261	141	41
XR-04	70x110x50	33.4	60	140	5100	244	128	83
XR-04	75x115x50	33.4	60	140	5460	228	119	83
XR-04	80x120x50	33.4	60	140	5850	214	112	83
XR-04	85x125x50	33.4	60	175	7450	230	129	83
XR-04	90x130x50	33.4	60	175	7900	217	124	83
XR-04	95x135x50	33.4	60	205	9900	257	149	83
XR-04	100x145x58	40.8	68	220	11000	192	114	83

Keyless Locking Elements

***XR-04**

SELF CENTERING

Features -

This locking element is supplied as an assembly consisting of an outer cut ring, an inner cut ring and the associated clamping screws. Self centering. Designed for medium to high torques.

Machining Tolerances and surface quality -

Clearance fit

Shaft diameter	h8	Hub bore	H8
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By fine turned finish machined, shafts, and hubs require a maximum :

Surface roughness	$Rt \leq 16 \mu m$	$Ra \leq 3.2 \mu m$
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Installation -

Carefully clean and sparingly oil both shafts and hubs. Do not use oils with Molybdenum Bisulphide or EP oils. Insert the locking element, tighten the screws alternately, gradually and uniformly by several turns to the "Ts" torque rating shown in the table.

Removal -

Loosen all screws alternately, gradually and uniformly, remove two or more cap screws and then re-insert them into the threaded holes. As the screws enter, they contact the mating parts and become jackscrews that release the clamping action on the locking element, loosening it from the assembly.

Installation examples -

nkit@vsnl.net

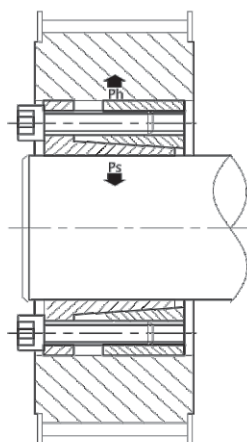


Fig. 1

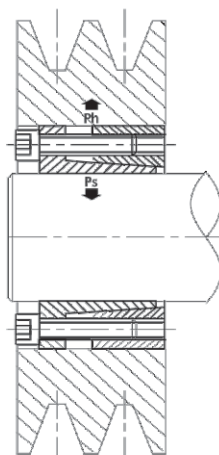
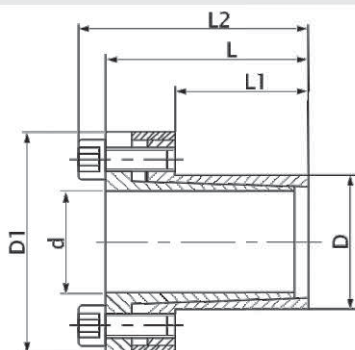


Fig. 2

Keyless Locking Elements

XS - 01

SELF CENTERING



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Model	Dimensions				Rated Load		Pressure on Shaft Ps (N/mm ²)	Pressure on Hub Ph (N/mm ²)	Screw Tightening Torque Ts	
	d x D x L	L1	L2	D1	Axial (KN) Ft	Torque (Nm) Mt				
XS-01	9x16x26	14	30	28	10	44	205	115	5	*
XS-01	10x16x26	14	30	28	10	49	185	115	5	
XS-01	11x18x26	14	30	32	10	53	170	105	5	
XS-01	12x18x26	14	30	32	10	58	160	105	5	
XS-01	13x23x26	14	30	38	10	63	140	80	5	
XS-01	14x23x26	14	30	38	10	68	130	80	5	
XS-01	15x24x36	16	42	45	17	127	185	115	17	
XS-01	16x24x36	16	42	45	17	136	175	115	17	
XS-01	17x26x38	18	44	47	22	180	190	125	17	
XS-01	18x26x38	18	44	47	22	200	180	125	17	
XS-01	19x27x38	18	44	49	22	210	170	120	17	
XS-01	20x28x38	18	44	50	22	220	160	115	17	
XS-01	22x32x45	25	51	54	22	250	115	80	17	
XS-01	24x34x45	25	51	56	22	270	105	75	17	
XS-01	25x34x45	25	51	56	22	280	100	75	17	
XS-01	28x39x45	25	51	61	33	465	135	97	17	
XS-01	30x41x45	25	51	62	33	510	127	90	17	
XS-01	32x43x45	25	51	65	33	540	120	90	17	
XS-01	35x47x52	32	58	69	45	790	105	80	17	
XS-01	38x50x52	32	58	72	45	860	100	75	17	
XS-01	40x53x52	32	58	75	45	900	95	70	17	
XS-01	42x55x52	32	58	78	45	950	90	70	17	
XS-01	45x59x70	45	78	86	84	1890	110	85	41	
XS-01	48x62x70	45	78	87	84	2010	105	80	41	
XS-01	50x65x70	45	78	92	84	2100	100	75	41	

Keyless Locking Elements - XS-01 - SELF CENTERING

Features -

This locking element is supplied as an assembly consisting of an outer cut ring, an inner cut ring, spacer ring and the associated clamping screws. When tightening, the spacer ring fastens the hub axially providing the true clamp fit of the assembly. Self centering. Ideal for minimum radial dimensions. Designed to accommodate axial displacements.

Machining Tolerances and surface quality -

Clearance fit

Shaft diameter h8 Hub bore H8

By fine turned finish machined, shafts and hubs require a maximum :

Surface roughness $R_t \leq 16 \mu\text{m}$ $R_a \leq 3.2 \mu\text{m}$

Installation -

Carefully clean and sparingly oil both shafts and hubs. Do not use oils with Molybdenum Bisulphide or EP oils. Insert the locking element, tighten the screws alternately, gradually and uniformly by several turns to the "Ts" torque rating shown in the table.

Removal -

Loosen all screws alternately, gradually and uniformly, remove two or more cap screws and then re-insert them into the threaded holes. As the screws enter, they contact the mating parts and become jackscrews that release the clamping action on the locking element, loosening it from the assembly.

Installation examples -

The locking element type XS-01 may be installed without spacer ring and without ledge, as shown in fig. 1. In this case, the full action of the force developed by the clamping screws produces a 66% increase of values shown in the above table for Ft, Mt, Ps & Ph

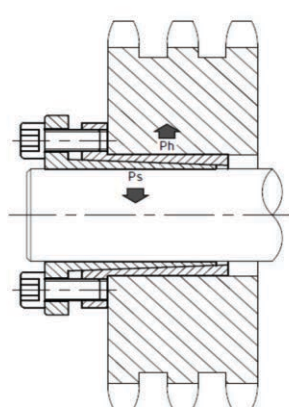


Fig. 1

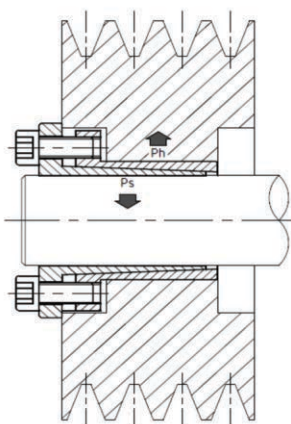


Fig. 2

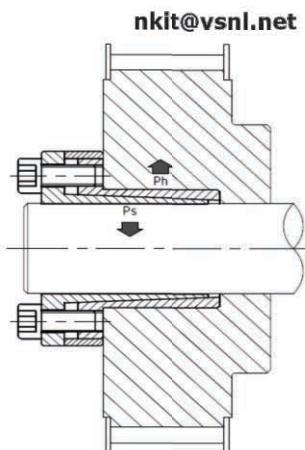
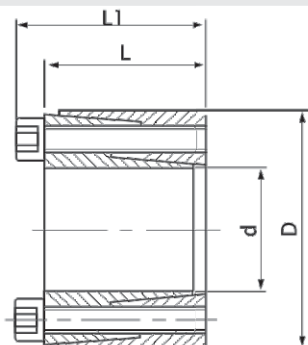


Fig. 3

Keyless Locking Elements

XY-01

SELF CENTERING



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Model	Dimensions		Rated Load		Pressure on Shaft Ps (N/mm ²)	Pressure on Hub Ph (N/mm ²)	Screw Tightening Torque Ts	Kg
	d x D x L	L1	Axial (KN) Ft	Torque (Nm) Mt				
XY-01	6x16x11	13.5	3.0	9	184	69	1.2	0.012
XY-01	8x18x11	13.5	3.0	12	138	61	1.2	0.015
XY-01	9x20x13	15.5	4.0	16	138	62	1.2	0.020
XY-01	10x20x13	15.5	4.0	20	124	62	1.2	0.019
XY-01	11x22x13	15.5	4.0	22	113	56	1.2	0.024
XY-01	12x22x13	15.5	4.0	24	104	56	1.2	0.022
XY-01	14x26x17	20	6.0	42	99	53	1.2	0.039
XY-01	15x28x17	20	6.0	44	93	50	1.2	0.044
XY-01	16x32x17	21	10.4	83	152	76	5.0	0.067
XY-01	17x35x21	25	10.4	88	116	56	5.0	0.090
XY-01	18x35x21	25	10.4	93	109	56	5.0	0.087
XY-01	19x35x21	25	10.4	99	104	56	5.0	0.083
XY-01	20x38x21	26	17.0	170	161	85	10.0	0.100
XY-01	22x40x21	26	17.0	187	146	80	10.0	0.110 *
XY-01	24x47x26	32	24.0	287	153	78	17.0	0.200 *
XY-01	25x47x26	32	24.0	299	147	78	17.0	0.190 *
XY-01	28x50x26	32	36.0	503	196	110	17.0	0.220 *
XY-01	30x55x26	32	36.0	539	183	100	17.0	0.270 *
XY-01	32x55x26	32	36.0	575	172	100	17.0	0.250 *
XY-01	35x60x31	37	48.0	838	176	102	17.0	0.360 *
XY-01	38x65x31	37	48.0	910	162	95	17.0	0.430 *
XY-01	40x65x31	37	48.0	958	164	95	17.0	0.400 *
XY-01	42x75x36	44	66.3	1394	175	98	41.0	0.670 *
XY-01	45x75x36	44	66.3	1493	163	98	41.0	0.630 *
XY-01	48x80x36	44	88.5	2124	204	122	41.0	0.740 *

Keyless Locking Elements

XY-01

SELF CENTERING

Features -

This locking element is 2 piece assembly consisting of an outer cut ring, an inner cut ring and the associated clamping screws. Low to medium torques. Self centering. During mounting, slight axial displacement of the hub occurs. Available in very small sizes.

Machining Tolerances and surface quality -

Clearance fit

Shaft diameter

h8

Hub bore

H8

By fine turned finish machined, shafts, and hubs require a maximum :

Surface roughness $R_t \leq 16 \mu\text{m}$ $R_a \leq 3.2 \mu\text{m}$

Installation -

Carefully clean and sparingly oil both shafts and hubs. Do not use oils with Molybdenum Bisulphide or EP oils. Insert the locking element, tighten the screws alternately, gradually and uniformly by several turns to the "Ts" torque rating shown in the table.

Removal -

Loosen all screws alternately, gradually and uniformly, remove two or more cap screws and then re-insert them into the threaded holes. As the screws enter, they contact the mating parts and become jackscrews that release the clamping action on the locking element, loosening it from the assembly.

Installation examples -

nkit@vsnl.net

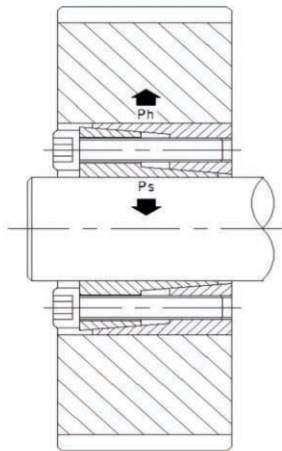


Fig. 1

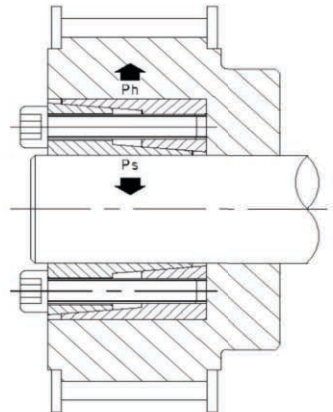


Fig. 2

Notes

Sketch

Customer : _____

Address : _____

User : _____ Dept. : _____

Mobile : _____ E-Mail : _____

Project : _____ Date : _____

Input format for Belt Drive (rotary - 2pulley) Calculations

Drive Power in KW / HP / NM / PS

Driver Speed	RPM	Shaft Ø	mm
Driver Pulley Ø Constraint	mm	Tolerance	+/-mm
Driven Speed	RPM	Shaft Ø	mm
Driven Pulley Ø Constraint	mm	Tolerance	+/-mm
Shaft Alignment –	Horizontal / Vertical		
Actual Center Distance	mm	Tolerance	+/-mm

Service Factor : -

♦ Service Conditions

- Steady / Intermittent

- Up to 16 hours / Over 16 hours per day

Type of Service : -

♦ - Light duty shock free, steady running.

- Medium drives intermittent operations, with low to medium shocks.

- Heavy duty / bi-directional, high shock loads. Cycle time _____

- Acceleration _____ Deacceleration _____

♦ Explain Environment & attach sketch.

N K Industrial Traders

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