



BUREAU  
VERITAS



# HITD PULLEYS CATALOG



Industrial Product



## C.N.INDUSTRIAL PRODUCT

(AN ISO : 9001-2015, 14001:2015 & 45001:2018)

Web Site : [www.cnip.in](http://www.cnip.in)

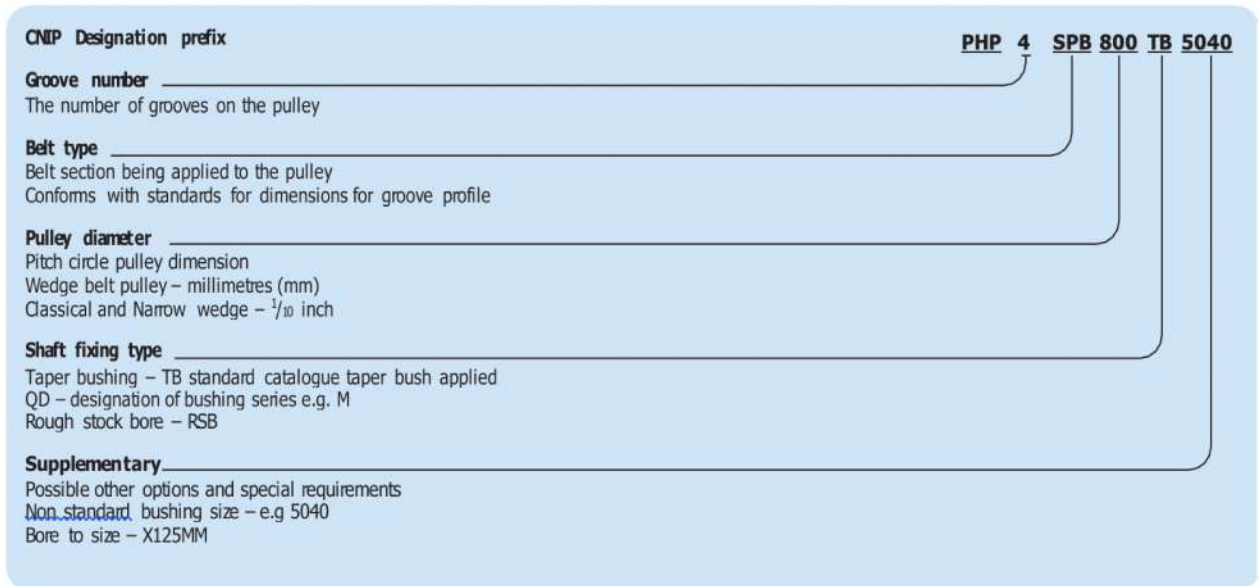
WhatsApp No : +91-9978334638

## CNIP Pulleys

**CNIP** pulley range nomenclature has a defined prefix of PHP. All pulleys are made to be applied to standardized belts. CNIP pulleys conform to conventional basic belt part number format – ISO, BS, or DIN.

## Pulleys – V-belts

The pulley range designation from CNIP has the following is an example to indicate set up.



## Pulleys (PHP Product Group)

Classical and trapezoidal inch pitch timing pulleys (MXL, XL, L, H, XH, XXH) are manufactured according to ISO 5294.

Metric pitch series timing pulleys (T/AT) are manufactured according to DIN 7721.

All SKF V-belt pulleys are manufactured to the standards ISO 4183, DIN 2211, ANSI Narrow V-belt pulley IP-22 and the ANSI Classical V-belt pulley IP-20. They are interchangeable with type SPA, SPB, SPC and SPZ. The pulleys are made from cast iron G3000 (GG) to American standard “SAEJ431AVG96”.

Following are the requirements of G3000:

- Tensile strength = 207Mpa
- Hardness = HB 187-241
- Chemical composition C 3,1-3,4 %, Si 1,9-2,3 %, Mn 0,6-0,9 %, S = 0,15 %, P = 0,15%

After being machined, pulleys are phosphated and treated with a rustproofoil.

All pulleys are statically balanced to G6.3 according to ISO 1940. After balanced the pulleys are suitable for the linear speed of not more than 35 m/s. Two Plane (Dynamic) balancing can be provided on request.

SKF can issue a certificate stating that all pulleys are dynamically balanced in case of any special customer request.

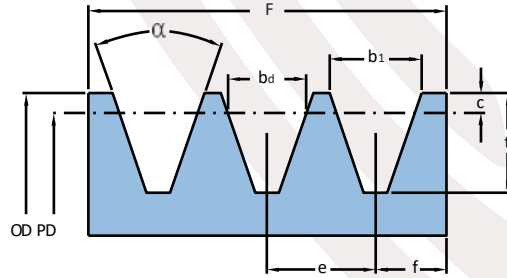


## Standard pulley groove dimensions DIN2211/1 and BS3970

Classical V-belt pulleys | Narrow Wedge V-belt pulleys (DIN / BS / ISO) | Narrow wedge belt pulleys (RMA)

### Nomenclature:

- $\alpha$  Pulley groove included angle (°)
- OD Outside diameter
- PD Effective (pitch) diameter
- $b_d$  Effective width at pitch line  $b_1$
- Groove top width
- $c$  Distance from pitch to outside diameter ( $=OD - PD/2$ )  $e$
- Transverse pitch of grooves (to centers)
- $f$  Minimum recommended distance from edge of pulley to center of first groove
- $t$  Total groove depth



### Classical V-belt pulleys

Classical belt series	Pitch diameter range	Groove angle	Dimensions					
			$\alpha$	$b_1$	$b_d$	$t$	$c$	$e$
	mm	°	mm					
<b>13/A-17/B</b>	85 - 170	34	15,55	15,88	19,05	4,45	12,70	
	Over 170	38	15,55	15,88	19,05	4,45	12,70	
<b>22/C</b>	178 - 203	34	22,33	19,81	25,40	5,08	17,48	
	203 - 305	36	22,53	19,81	25,40	5,08	17,48	
	Over 305	38	22,73	19,81	25,40	5,08	17,48	
<b>32/D</b>	305 - 330	34	31,98	26,67	36,53	7,62	22,23	
	330 - 432	36	32,28	26,67	36,53	7,62	22,23	
	Over 432	38	32,59	26,67	36,53	7,62	22,23	
<b>40/E</b>	457 - 610	36	38,79	33,02	44,45	10,16	31,24	
	Over 610	38	39,17	33,02	44,45	10,16	31,24	

### Narrow Wedge V-belt pulleys (DN / BS / ISO)

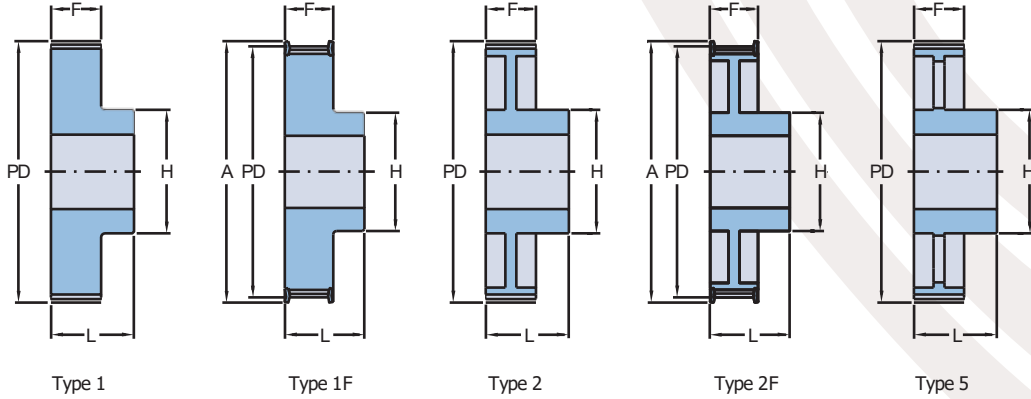
Classical belt series	Pitch diameter range	Groove angle	Dimensions					
			$\alpha$	$b_1$	$b_d$	$t(+0,6/-0,0)$	$c$	$e$
	mm	°	mm					
<b>SPZ</b>	Up to & incl. 80	34	9,7	8,5	11,00	2,00	$12,0 \pm 0,3$	8,0
	Over 80	38	9,7	8,5	11,00	2,00	$12,0 \pm 0,3$	8,0
<b>SPA</b>	Up to & incl. 118	34	12,7	11,0	14,00	2,80	$15,0 \pm 0,3$	10,0
	Over 118	38	12,7	11,0	14,00	2,80	$15,0 \pm 0,3$	10,0
<b>SPB</b>	Up to & incl. 190	34	16,2	14,4	18,00	3,50	$19,0 \pm 0,4$	12,5
	Over 190	38	16,2	14,4	18,00	3,50	$19,0 \pm 0,4$	12,5
<b>SPC</b>	Up to & incl. 315	34	22,0	19,0	24,00	4,80	$25,5 \pm 0,5$	17,0
	Over 315	38	22,0	19,0	24,00	4,80	$25,5 \pm 0,5$	17,0

### Narrow wedge belt pulleys (RMA)

RMA Belt series	Pitch diameter range	Groove angle	Dimensions					
			$\alpha$	$b_1$	$b_d$	$t$	$c$	$e$
	mm	°	mm					
<b>3V, 3VX</b>	Up to & incl. 90	36	8,89	8,89	8,64	0,64	$10,3 \pm 0,4$	8,74
	Over 90 - 150	38	8,89	8,89	8,64	0,64	$10,3 \pm 0,4$	8,74
	Over 150 - 305	40	8,89	8,89	8,64	0,64	$10,3 \pm 0,4$	8,74
<b>5V, 5VX</b>	Over 305	42	8,89	8,89	8,64	0,64	$10,3 \pm 0,4$	8,74
	Over 140 - 255	38	15,24	12,70	14,98	1,27	$17,5 \pm 0,4$	3,20
	Over 255 - 405	40	15,24	12,70	14,98	1,27	$17,5 \pm 0,4$	3,20
<b>8V, 8VX</b>	Over 405	42	15,24	12,70	14,98	1,27	$17,5 \pm 0,4$	3,20
	Over 315 - 405	38	25,40	25,40	25,15	2,54	$28,6 \pm 0,4$	6,40
	Over 405 - 570	40	25,40	25,40	25,15	2,54	$28,6 \pm 0,4$	6,40
Over 570	42	25,40	25,40	25,15	2,54	$28,6 \pm 0,4$	6,40	

## HiTD pulleys

5 mm pitch pilot bore (RSB) | 8 mm pitch pilot bore (RSB)



Pitch	Belt width	Pitch diameter PD	Number of teeth	Pulley type	Dimensions								Mass	Designation	
					Outer diameter OD	A	B Min.	Max.	F	K	L	M			H
mm		mm			mm								kg		
5	09	63,66	40	1F	62,52	71,0	8	26,0	14,5	-	22,5	-	38,0	0,40	PHP 40-5M-09RSB
		70,03	44	2	68,89	-	8	26,0	14,5	-	25,5	-	38,0	0,17	PHP 44-5M-09RSB
		76,39	48	2	75,25	-	8	26,0	14,5	-	25,5	-	38,0	0,18	PHP 48-5M-09RSB
		95,49	60	2	94,35	-	8	30,0	14,5	-	25,5	-	45,0	0,23	PHP 60-5M-09RSB
		114,59	72	2	113,45	-	8	30,0	14,5	-	25,5	-	45,0	0,27	PHP 72-5M-09RSB
		15	19,10	12	1F	17,96	25,0	4	8,0	20,5	-	26,0	-	13,0	0,03
	22,28		14	1F	21,14	25,0	6	9,0	20,5	-	26,0	-	13,0	0,05	PHP 14-5M-15RSB
	23,87		15	1F	22,73	28,0	6	11,0	20,5	-	26,0	-	16,0	0,06	PHP 15-5M-15RSB
	25,46		16	1F	24,32	28,0	6	11,0	20,5	-	26,0	-	16,0	0,06	PHP 16-5M-15RSB
	28,65		18	1F	27,51	32,0	6	13,0	20,5	-	26,0	-	19,0	0,09	PHP 18-5M-15RSB
	31,83		20	1F	30,69	36,0	6	14,0	20,5	-	26,0	-	23,0	0,11	PHP 20-5M-15RSB
	5	25	33,42	21	1F	32,28	38,0	6	15,0	20,5	-	26,0	-	24,0	0,13
35,01			22	1F	33,87	38,0	6	16,0	20,5	-	26,0	-	25,5	0,14	PHP 22-5M-15RSB
38,20			24	1F	37,06	42,0	6	18,0	20,5	-	28,0	-	27,0	0,18	PHP 24-5M-15RSB
41,38			26	1F	40,24	44,0	6	20,0	20,5	-	28,0	-	30,0	0,22	PHP 26-5M-15RSB
44,56			28	1F	43,42	48,0	6	20,0	20,5	-	28,0	-	30,5	0,25	PHP 28-5M-15RSB
47,75			30	1F	46,60	51,0	6	24,0	20,5	-	28,0	-	35,0	0,30	PHP 30-5M-15RSB
15		50,93	32	1F	49,79	54,0	8	26,0	20,5	-	28,0	-	38,0	0,35	PHP 32-5M-15RSB
		57,30	36	1F	56,16	60,0	8	26,0	20,5	-	28,0	-	38,0	0,52	PHP 36-5M-15RSB
		63,66	40	1F	62,52	71,0	8	26,0	20,5	-	28,0	-	38,0	0,43	PHP 40-5M-15RSB
		70,03	44	2	68,89	-	8	26,0	20,5	-	30,0	-	38,0	0,23	PHP 44-5M-15RSB
		76,39	48	2	75,25	-	8	26,0	20,5	-	30,0	-	38,0	0,19	PHP 48-5M-15RSB
		95,49	60	2	94,35	-	8	34,0	20,5	-	30,0	-	50,0	0,31	PHP 60-5M-15RSB
5	25	114,59	72	2	113,45	-	8	34,0	20,5	-	30,0	-	50,0	0,38	PHP 72-5M-15RSB
		19,10	12	1F	17,96	25,0	4	8,0	30,5	-	36,0	5,5	13,0	0,05	PHP 12-5M-25RSB
		22,28	14	1F	21,14	25,0	6	9,0	30,5	-	36,0	5,5	13,0	0,07	PHP 14-5M-25RSB
		23,87	15	1F	22,73	28,0	6	11,0	30,5	-	36,0	5,5	16,0	0,08	PHP 15-5M-25RSB
		25,46	16	1F	24,32	28,0	6	11,0	30,5	-	36,0	5,5	16,0	0,10	PHP 16-5M-25RSB
		28,65	18	1F	27,51	32,0	6	13,0	30,5	-	36,0	5,5	19,0	0,12	PHP 18-5M-25RSB
	15	31,83	20	1F	30,69	36,0	6	14,0	30,5	-	36,0	5,5	23,0	0,16	PHP 20-5M-25RSB
		33,42	21	1F	32,28	38,0	6	15,0	30,5	-	38,0	7,5	24,0	0,19	PHP 21-5M-25RSB
		35,01	22	1F	33,87	38,0	6	16,0	30,5	-	38,0	7,5	25,5	0,21	PHP 22-5M-25RSB
		38,20	24	1F	37,06	42,0	6	18,0	30,5	-	38,0	7,5	27,0	0,25	PHP 24-5M-25RSB
		41,38	26	1F	40,24	44,0	6	20,0	30,5	-	38,0	7,5	30,0	0,30	PHP 26-5M-25RSB
		44,56	28	1F	43,42	48,0	6	20,0	30,5	-	38,0	7,5	30,5	0,35	PHP 28-5M-25RSB
5	20	47,75	30	1F	46,60	51,0	6	24,0	30,5	-	38,0	7,5	35,0	0,42	PHP 30-5M-25RSB
		50,93	32	1F	49,79	54,0	8	26,0	30,5	-	38,0	7,5	38,0	0,48	PHP 32-5M-25RSB
		57,30	36	1F	56,16	60,0	8	26,0	30,5	-	38,0	7,5	38,0	0,59	PHP 36-5M-25RSB
		63,66	40	1F	62,52	71,0	8	26,0	30,5	-	38,0	7,5	38,0	0,74	PHP 40-5M-25RSB
		70,03	44	2	68,89	-	8	26,0	30,5	-	40,0	9,5	38,0	0,32	PHP 44-5M-25RSB
		76,39	48	2	72,25	-	8	26,0	30,5	-	40,0	9,5	38,0	0,28	PHP 48-5M-25RSB
	15	95,49	60	2	94,35	-	8	34,0	30,5	-	40,0	9,5	50,0	0,44	PHP 60-5M-25RSB
		114,59	72	2	113,45	-	8	34,0	30,5	-	40,0	9,5	50,0	0,53	PHP 72-5M-25RSB
		127,32	80	1	126,18	-	8	62,0	30,5	-	40,0	-	92,0	0,60	PHP 80-5M-25RSB
		50,93	20	1F	49,56	60,0	12	25,0	28,0	-	38,0	-	38,0	0,43	PHP 20-8M-20RSB
		53,47	21	1F	52,10	62,0	12	27,0	28,0	-	38,0	-	40,0	0,49	PHP 21-8M-20RSB
		56,02	22	1F	54,65	65,0	12	29,0	28,0	-	38,0	-	43,0	0,54	PHP 22-8M-20RSB
8	20	58,57	23	1F	57,20	65,0	12	29,0	28,0	-	38,0	-	45,0	0,60	PHP 23-8M-20RSB
		61,12	24	1F	59,75	70,0	12	30,0	28,0	-	38,0	-	45,0	0,65	PHP 24-8M-20RSB
		63,66	25	1F	62,28	71,0	12	31,0	28,0	-	38,0	-	45,0	0,73	PHP 25-8M-20RSB
		66,21	26	1F	64,84	75,0	12	32,0	28,0	-	38,0	-	50,0	0,80	PHP 26-8M-20RSB
		68,75	27	1F	67,39	75,0	12	33,0	28,0	-	38,0	-	50,0	0,84	PHP 27-8M-20RSB
		71,30	28	1F	70,08	80,0	15	34,0	28,0	-	38,0	-	50,0	0,87	PHP 28-8M-20RSB
	15	73,85	29	1F	72,62	85,0	15	35,0	28,0	-	38,0	-	55,0	0,95	PHP 29-8M-20RSB

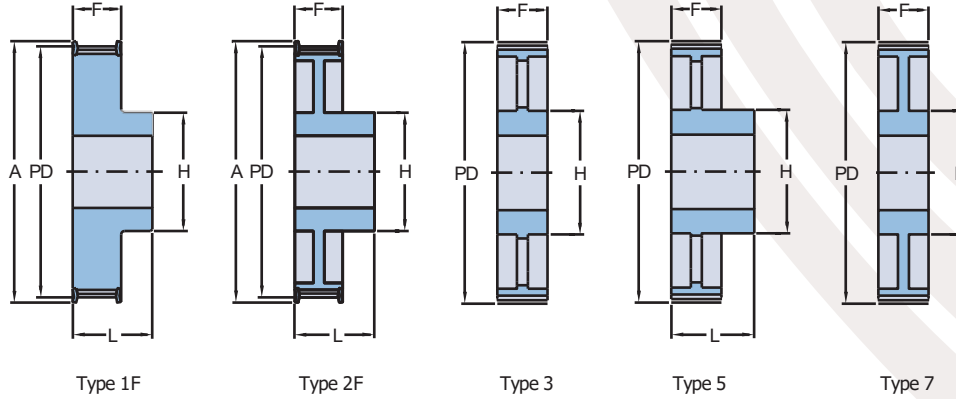
## HiTD pulleys

8 mm pitch pilot bore (RSB)

Pitch	Belt width	Pitch diameter PD	Number of teeth	Pulley type	Dimensions										Mass	Designation
					Outer diameter OD	A	B Min.	Max.	F	K	L	M	H			
mm					mm										kg	
<b>8</b>	<b>20</b>	76,39	30	1F	75,13	85,0	15	36,0	28,0	-	38,0	-	55,0	1,02	<b>PHP 30-8M-20RSB</b>	
		78,94	31	1F	77,65	87,0	15	38,0	28,0	-	38,0	-	55,0	1,11	<b>PHP 31-8M-20RSB</b>	
		81,49	32	1F	80,16	90,0	15	40,0	28,0	-	38,0	-	60,0	1,20	<b>PHP 32-8M-20RSB</b>	
		84,03	33	1F	82,68	90,0	15	42,0	28,0	-	38,0	-	60,0	1,30	<b>PHP 33-8M-20RSB</b>	
		86,58	34	1F	85,22	95,0	15	44,0	28,0	-	38,0	-	70,0	1,40	<b>PHP 34-8M-20RSB</b>	
		89,13	35	1F	87,76	95,0	15	45,0	28,0	-	38,0	-	70,0	1,48	<b>PHP 35-8M-20RSB</b>	
		91,67	36	1F	90,30	100,0	15	46,0	28,0	-	38,0	-	70,0	1,55	<b>PHP 36-8M-20RSB</b>	
		96,77	38	1F	95,39	105,0	15	50,0	28,0	-	38,0	-	75,0	1,65	<b>PHP 38-8M-20RSB</b>	
		101,86	40	1F	100,49	110,0	15	50,0	28,0	-	38,0	-	75,0	1,74	<b>PHP 40-8M-20RSB</b>	
		106,95	42	1F	105,58	111,0	15	50,0	28,0	-	38,0	-	75,0	1,92	<b>PHP 42-8M-20RSB</b>	
		112,05	44	1F	110,67	121,0	15	50,0	28,0	-	38,0	-	75,0	2,10	<b>PHP 44-8M-20RSB</b>	
		114,59	45	1F	113,22	121,0	15	50,0	28,0	-	38,0	-	75,0	2,19	<b>PHP 45-8M-20RSB</b>	
		122,23	48	1F	120,86	131,0	15	54,0	28,0	-	38,0	-	75,0	2,44	<b>PHP 48-8M-20RSB</b>	
		127,32	50	1F	125,95	131,0	15	54,0	28,0	-	38,0	-	75,0	2,48	<b>PHP 50-8M-20RSB</b>	
		132,42	52	1F	131,05	140,0	15	54,0	28,0	-	38,0	-	80,0	2,52	<b>PHP 52-8M-20RSB</b>	
		142,60	56	2F	141,23	151,0	15	54,0	28,0	-	38,0	-	80,0	2,60	<b>PHP 56-8M-20RSB</b>	
		162,97	64	2F	161,60	172,0	15	54,0	28,0	-	38,0	-	80,0	2,90	<b>PHP 64-8M-20RSB</b>	
		183,35	72	2F	181,97	192,0	15	54,0	28,0	-	38,0	-	80,0	3,10	<b>PHP 72-8M-20RSB</b>	
		203,72	80	2	202,35	-	15	54,0	28,0	-	38,0	-	90,0	3,80	<b>PHP 80-8M-20RSB</b>	
		229,18	90	2	227,81	-	15	54,0	28,0	-	38,0	-	90,0	4,20	<b>PHP 90-8M-20RSB</b>	
		285,21	112	5	283,83	-	18	54,0	28,0	-	38,0	-	90,0	5,20	<b>PHP 112-8M-20RSB</b>	
		366,69	144	5	365,32	-	20	54,0	28,0	-	38,0	-	90,0	7,50	<b>PHP 144-8M-20RSB</b>	
		427,81	168	5	426,44	-	20	60,0	28,0	-	38,0	-	100,0	10,00	<b>PHP 168-8M-20RSB</b>	
		488,92	192	5	487,55	-	20	60,0	28,0	-	38,0	-	100,0	14,40	<b>PHP 192-8M-20RSB</b>	
	<b>8</b>	<b>30</b>	50,93	20	1F	49,56	60,0	12	25,0	38,0	-	48,0	-	38,0	0,54	<b>PHP 20-8M-30RSB</b>
			53,47	21	1F	52,10	62,0	12	27,0	38,0	-	48,0	-	40,0	0,62	<b>PHP 21-8M-30RSB</b>
			56,02	22	1F	54,65	65,0	12	29,0	38,0	-	48,0	-	43,0	0,69	<b>PHP 22-8M-30RSB</b>
			57,57	23	1F	57,20	65,0	12	30,0	38,0	-	48,0	-	45,0	0,77	<b>PHP 23-8M-30RSB</b>
			61,12	24	1F	59,75	70,0	12	30,0	38,0	-	48,0	-	45,0	0,84	<b>PHP 24-8M-30RSB</b>
			63,66	25	1F	62,28	71,0	12	31,0	38,0	-	48,0	-	50,0	0,92	<b>PHP 25-8M-30RSB</b>
			66,21	26	1F	64,84	75,0	12	32,0	38,0	-	48,0	-	50,0	1,00	<b>PHP 26-8M-30RSB</b>
			68,75	27	1F	67,39	75,0	12	33,0	38,0	-	48,0	-	50,0	1,06	<b>PHP 27-8M-30RSB</b>
			71,30	28	1F	70,08	80,0	15	34,0	38,0	-	48,0	-	50,0	1,12	<b>PHP 28-8M-30RSB</b>
			76,39	30	1F	75,13	85,0	15	36,0	38,0	-	48,0	-	55,0	1,32	<b>PHP 30-8M-30RSB</b>
			78,94	31	1F	77,65	87,0	15	38,0	38,0	-	48,0	-	55,0	1,42	<b>PHP 31-8M-30RSB</b>
			81,49	32	1F	80,16	90,0	15	40,0	38,0	-	48,0	-	60,0	1,53	<b>PHP 32-8M-30RSB</b>
			84,03	33	1F	82,68	90,0	15	42,0	38,0	-	48,0	-	60,0	1,64	<b>PHP 33-8M-30RSB</b>
			86,58	34	1F	85,22	95,0	15	44,0	38,0	-	48,0	-	70,0	1,80	<b>PHP 34-8M-30RSB</b>
			89,13	35	1F	87,76	95,0	15	45,0	38,0	-	48,0	-	70,0	1,90	<b>PHP 35-8M-30RSB</b>
			91,67	36	1F	90,30	100,0	15	46,0	38,0	-	48,0	-	70,0	1,99	<b>PHP 36-8M-30RSB</b>
			96,77	38	1F	95,39	105,0	15	50,0	38,0	-	48,0	-	75,0	2,27	<b>PHP 38-8M-30RSB</b>
			101,86	40	1F	100,49	110,0	15	50,0	38,0	-	48,0	-	75,0	2,40	<b>PHP 40-8M-30RSB</b>
			106,95	42	1F	105,58	111,0	15	50,0	38,0	-	48,0	-	75,0	2,60	<b>PHP 42-8M-30RSB</b>
			112,05	44	1F	110,67	121,0	15	50,0	38,0	-	48,0	-	75,0	2,80	<b>PHP 44-8M-30RSB</b>
			114,59	45	1F	113,22	121,0	15	50,0	38,0	-	48,0	-	75,0	2,90	<b>PHP 45-8M-30RSB</b>
			122,23	48	1F	120,86	131,0	15	50,0	38,0	-	48,0	-	75,0	3,20	<b>PHP 48-8M-30RSB</b>
			127,32	50	1F	125,95	131,0	15	50,0	38,0	-	48,0	-	75,0	3,30	<b>PHP 50-8M-30RSB</b>
			132,42	52	1F	131,05	140,0	15	60,0	38,0	-	48,0	-	90,0	3,40	<b>PHP 52-8M-30RSB</b>
142,60		56	2F	141,23	151,0	15	60,0	38,0	-	48,0	-	90,0	3,60	<b>PHP 56-8M-30RSB</b>		
152,79		60	2F	151,42	168,0	15	60,0	38,0	-	48,0	-	90,0	3,95	<b>PHP 60-8M-30RSB</b>		
162,97		64	2F	161,60	172,0	15	60,0	38,0	-	48,0	-	90,0	4,30	<b>PHP 64-8M-30RSB</b>		
183,35		72	2F	181,97	192,0	15	63,0	38,0	-	48,0	-	95,0	4,80	<b>PHP 72-8M-30RSB</b>		
203,72		80	2	202,35	-	15	60,0	38,0	-	48,0	-	100,0	5,10	<b>PHP 80-8M-30RSB</b>		
229,18		90	2	227,81	-	15	60,0	38,0	-	48,0	-	100,0	5,70	<b>PHP 90-8M-30RSB</b>		
285,21		112	5	283,83	-	18	60,0	38,0	-	48,0	-	100,0	6,80	<b>PHP 112-8M-30RSB</b>		
366,69		144	5	365,32	-	20	60,0	38,0	-	48,0	-	100,0	9,30	<b>PHP 144-8M-30RSB</b>		
427,81		168	5	426,44	-	20	60,0	38,0	-	48,0	-	100,0	11,40	<b>PHP 168-8M-30RSB</b>		
488,92		192	5	487,55	-	20	60,0	38,0	-	48,0	-	100,0	16,00	<b>PHP 192-8M-30RSB</b>		
<b>8</b>		<b>50</b>	56,02	22	1F	54,65	65,0	12	29,0	60,0	-	70,0	-	43,0	1,00	<b>PHP 22-8M-50RSB</b>
			58,57	23	1F	57,20	65,0	12	30,0	60,0	-	70,0	-	45,0	1,12	<b>PHP 23-8M-50RSB</b>
			61,12	24	1F	59,75	70,0	12	30,0	60,0	-	70,0	-	45,0	1,23	<b>PHP 24-8M-50RSB</b>
			63,66	25	1F	62,28	70,0	12	34,0	60,0	-	70,0	-	50,0	1,37	<b>PHP 25-8M-50RSB</b>
			66,21	26	1F	64,84	75,0	12	34,0	60,0	-	70,0	-	50,0	1,50	<b>PHP 26-8M-50RSB</b>
			68,75	27	1F	67,39	75,0	15	34,0	60,0	-	70,0	-	50,0	1,59	<b>PHP 27-8M-50RSB</b>
			71,30	28	1F	70,08	80,0	15	34,0	60,0	-	70,0	-	50,0	1,67	<b>PHP 28-8M-50RSB</b>
			76,39	30	1F	75,13	85,0	15	38,0	60,0	-	70,0	-	55,0	1,97	<b>PHP 30-8M-50RSB</b>
			78,94	31	1F	77,65	87,0	15	38,0	60,0	-	70,0	-	55,0	2,12	<b>PHP 31-8M-50RSB</b>
			81,49	32	1F	80,16	90,0	15	40,0	60,0	-	70,0	-	60,0	2,27	<b>PHP 32-8M-50RSB</b>
			84,03	33	1F	82,68	90,0	15	42,0	60,0	-	70,0	-	60,0	2,42	<b>PHP 33-8M-50RSB</b>
			86,58	34	1F	85,22	95,0	15	44,0	60,0	-	70,0	-	70,0	2,69	<b>PHP 34-8M-50RSB</b>
			89,13	35	1F	87,76	95,0	15	45,0	60,0	-	70,0	-	70,0	2,83	<b>PHP 35-8M-50RSB</b>
			91,67	36	1F	90,30	100,0	15	46,0	60,0	-	70,0	-	70,0	2,97	<b>PHP 36-8M-50RSB</b>
	96,77		38	1F	95,39	105,0	15	50,0	60,0	-	70,0	-	75,0	3,23	<b>PHP 38-8M-50RSB</b>	

## HiTD pulleys

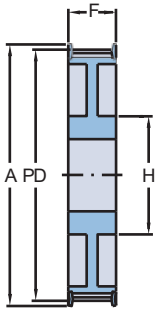
8 mm pitch pilot bore (RSB) | 14 mm pitch pilot bore (RSB)



Pitch	Belt width	Pitch diameter PD	Number of teeth	Pulley type	Dimensions										Mass	Designation
					Outer diameter OD	A	B Min.	Max.	F	K	L	M	H			
mm					mm										kg	-
8	50	101,86	40	1F	100,49	110,0	18	50,0	60,0	-	70,0	-	75,0	3,50	PHP 40-8M-50RSB	
		104,41	42	1F	103,03	111,0	18	50,0	60,0	-	70,0	-	75,0	3,70	PHP 42-8M-50RSB	
		112,05	44	1F	110,67	121,0	18	50,0	60,0	-	70,0	-	75,0	3,90	PHP 44-8M-50RSB	
		114,59	45	1F	113,22	121,0	18	50,0	60,0	-	70,0	-	75,0	4,00	PHP 45-8M-50RSB	
		122,23	48	1F	120,86	131,0	18	54,0	60,0	-	70,0	-	80,0	4,30	PHP 48-8M-50RSB	
		124,78	50	1F	123,41	131,0	18	54,0	60,0	-	70,0	-	80,0	4,48	PHP 50-8M-50RSB	
		127,32	52	1F	125,95	140,0	18	60,0	60,0	-	70,0	-	90,0	4,65	PHP 52-8M-50RSB	
		142,60	56	7F	141,23	151,0	18	60,0	60,0	-	60,0	-	90,0	5,00	PHP 56-8M-50RSB	
	152,79	60	7F	151,42	158,0	18	60,0	60,0	-	60,0	-	90,0	5,30	PHP 60-8M-50RSB		
	162,97	64	7F	161,60	171,0	18	60,0	60,0	-	60,0	-	100,0	5,60	PHP 64-8M-50RSB		
	183,35	72	7F	181,97	192,0	18	63,0	60,0	-	60,0	-	100,0	6,80	PHP 72-8M-50RSB		
	203,72	80	7	202,35	-	18	60,0	60,0	-	60,0	-	110,0	6,90	PHP 80-8M-50RSB		
	229,18	90	7	227,81	-	18	60,0	60,0	-	60,0	-	110,0	8,60	PHP 90-8M-50RSB		
	285,21	112	3	283,83	-	20	60,0	60,0	-	60,0	-	110,0	9,60	PHP 112-8M-50RSB		
	366,69	144	3	365,32	-	20	60,0	60,0	-	60,0	-	110,0	13,80	PHP 144-8M-50RSB		
	427,81	168	3	426,44	-	20	60,0	60,0	-	60,0	-	120,0	16,00	PHP 168-8M-50RSB		
	488,92	192	3	487,55	-	20	60,0	60,0	-	60,0	-	130,0	22,40	PHP 192-8M-50RSB		
	8	85	56,02	22	1F	54,65	65,0	12	29,0	95,0	-	105,0	-	43,0	1,55	PHP 22-8M-85RSB
			58,57	23	1F	57,20	65,0	12	30,0	95,0	-	105,0	-	45,0	1,73	PHP 23-8M-85RSB
			61,12	24	1F	59,75	70,0	12	30,0	95,0	-	105,0	-	45,0	1,90	PHP 24-8M-85RSB
63,66			25	1F	62,28	70,0	12	34,0	95,0	-	105,0	-	50,0	2,08	PHP 25-8M-85RSB	
66,21			26	1F	64,84	75,0	12	34,0	95,0	-	105,0	-	50,0	2,25	PHP 26-8M-85RSB	
68,75			27	1F	67,39	75,0	12	34,0	95,0	-	105,0	-	50,0	2,40	PHP 27-8M-85RSB	
71,30			28	1F	70,08	80,0	15	34,0	95,0	-	105,0	-	50,0	2,55	PHP 28-8M-85RSB	
76,39			30	1F	75,13	85,0	15	35,0	95,0	-	105,0	-	55,0	3,00	PHP 30-8M-85RSB	
78,94			31	1F	77,65	87,0	15	38,0	95,0	-	105,0	-	55,0	3,23	PHP 31-8M-85RSB	
81,49			32	1F	80,16	90,0	15	42,0	95,0	-	105,0	-	60,0	3,57	PHP 32-8M-85RSB	
84,03			33	1F	82,68	90,0	15	44,0	95,0	-	105,0	-	60,0	3,75	PHP 33-8M-85RSB	
86,58			34	1F	85,22	95,0	15	44,0	95,0	-	105,0	-	70,0	4,00	PHP 34-8M-85RSB	
89,13			35	1F	87,76	95,0	15	44,0	95,0	-	105,0	-	70,0	4,25	PHP 35-8M-85RSB	
91,67			36	1F	90,30	100,0	15	44,0	95,0	-	105,0	-	70,0	4,50	PHP 36-8M-85RSB	
96,77			38	1F	95,39	106,0	15	50,0	95,0	-	105,0	-	75,0	4,90	PHP 38-8M-85RSB	
101,86			40	1F	100,49	110,0	18	50,0	95,0	-	105,0	-	75,0	5,20	PHP 40-8M-85RSB	
106,95			42	1F	105,58	110,0	18	50,0	95,0	-	105,0	-	75,0	6,08	PHP 42-8M-85RSB	
112,05			44	1F	110,67	121,0	18	50,0	95,0	-	105,0	-	75,0	6,60	PHP 44-8M-85RSB	
114,59			45	1F	113,22	121,0	18	50,0	95,0	-	105,0	-	75,0	6,85	PHP 45-8M-85RSB	
122,23			48	1F	120,86	131,0	18	54,0	95,0	-	105,0	-	80,0	7,60	PHP 48-8M-85RSB	
127,32	50	1F	125,95	131,0	20	54,0	95,0	-	105,0	-	80,0	8,15	PHP 50-8M-85RSB			
132,42	52	1F	131,05	140,0	20	54,0	95,0	-	105,0	-	80,0	8,70	PHP 52-8M-85RSB			
142,60	56	1F	141,23	151,0	20	54,0	95,0	-	105,0	-	80,0	9,80	PHP 56-8M-85RSB			
152,79	60	7F	151,42	158,0	20	66,0	95,0	-	95,0	-	100,0	10,10	PHP 60-8M-85RSB			
162,97	64	7F	161,60	171,0	20	66,0	95,0	-	95,0	-	100,0	10,40	PHP 64-8M-85RSB			
183,35	72	7F	181,97	192,0	20	66,0	95,0	-	95,0	-	110,0	11,40	PHP 72-8M-85RSB			
203,72	80	3	202,35	-	20	66,0	95,0	-	95,0	-	110,0	11,10	PHP 80-8M-85RSB			
229,18	90	3	227,81	-	20	66,0	95,0	-	95,0	-	110,0	13,20	PHP 90-8M-85RSB			
285,21	112	3	283,83	-	24	66,0	95,0	-	95,0	-	110,0	16,30	PHP 112-8M-85RSB			
366,69	144	3	365,32	-	24	72,0	95,0	-	95,0	-	120,0	21,50	PHP 144-8M-85RSB			
427,81	168	3	426,44	-	24	72,0	95,0	-	95,0	-	120,0	26,10	PHP 168-8M-85RSB			
488,92	192	3	487,55	-	24	78,0	95,0	-	95,0	-	130,0	30,60	PHP 192-8M-85RSB			
14	40	124,78	28	1F	122,12	127,0	24	67,0	54,0	-	69,0	-	100,0	4,73	PHP 28-14M-40RSB	
		129,23	29	1F	126,57	138,0	24	67,0	54,0	-	69,0	-	100,0	5,09	PHP 29-14M-40RSB	
		133,69	30	1F	130,99	138,0	24	67,0	54,0	-	69,0	-	100,0	5,45	PHP 30-14M-40RSB	
		142,60	32	1F	139,88	154,0	24	67,0	54,0	-	69,0	-	100,0	6,17	PHP 32-14M-40RSB	

## HiTD pulleys

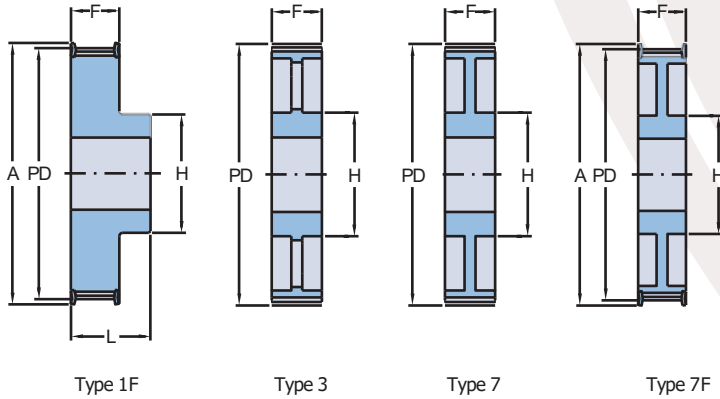
14 mm pitch pilot bore (RSB)



Type 7F

Pitch	Belt width	Pitch PD diameter	Number of teeth	Pulley type	Dimensions					Mass	Designation					
					OD Outer diameter	A	B Min.	Max.	F			K	L	M	H	
mm					mm								kg			
14	40	151,52	34	1F	148,79	160,0	24	67,0	54,0	-	69,0	-	100,0	6,88	PHP 34-14M-40RSB	
		160,43	36	1F	157,68	168,0	24	67,0	54,0	-	69,0	-	100,0	7,60	PHP 36-14M-40RSB	
		169,34	38	1F	166,60	183,0	24	80,0	54,0	-	69,0	-	120,0	8,28	PHP 38-14M-40RSB	
		178,25	40	1F	175,49	188,0	24	80,0	54,0	-	69,0	-	120,0	9,26	PHP 40-14M-40RSB	
	196,08	44	1F	193,28	211,0	24	80,0	54,0	-	69,0	-	120,0	10,32	PHP 44-14M-40RSB		
	213,90	48	2F	211,11	226,0	24	82,0	54,0	-	69,0	-	135,0	11,50	PHP 48-14M-40RSB		
	249,55	56	2F	246,76	256,0	28	82,0	54,0	-	69,0	-	135,0	13,05	PHP 56-14M-40RSB		
	285,21	64	2F	282,41	296,0	28	82,0	54,0	-	69,0	-	135,0	14,40	PHP 64-14M-40RSB		
	320,86	72	5	318,06	-	28	82,0	54,0	-	69,0	-	135,0	16,90	PHP 72-14M-40RSB		
	356,51	80	5	353,71	-	28	82,0	54,0	-	69,0	-	135,0	18,50	PHP 80-14M-40RSB		
	401,07	90	5	398,28	-	28	82,0	54,0	-	69,0	-	135,0	20,00	PHP 90-14M-40RSB		
	499,11	112	5	496,32	-	28	82,0	54,0	-	69,0	-	135,0	26,70	PHP 112-14M-40RSB		
	641,71	144	5	638,92	-	28	82,0	54,0	-	69,0	-	135,0	35,00	PHP 144-14M-40RSB		
	748,66	168	5	745,87	-	28	82,0	54,0	-	69,0	-	135,0	44,20	PHP 168-14M-40RSB		
	855,92	192	5	852,82	-	28	82,0	54,0	-	69,0	-	135,0	52,20	PHP 192-14M-40RSB		
	962,57	216	5	959,76	-	28	90,0	54,0	-	69,0	-	150,0	60,00	PHP 216-14M-40RSB		
	14	55	124,78	28	1F	122,12	127,0	24	67,0	70,0	-	85,0	-	100,0	5,60	PHP 28-14M-55RSB
			129,23	29	1F	126,57	138,0	24	67,0	70,0	-	85,0	-	100,0	6,10	PHP 29-14M-55RSB
			133,69	30	1F	130,99	138,0	24	67,0	70,0	-	85,0	-	100,0	6,60	PHP 30-14M-55RSB
			142,60	32	1F	139,88	154,0	24	67,0	70,0	-	85,0	-	100,0	7,60	PHP 32-14M-55RSB
151,52		34	1F	148,79	160,0	24	67,0	70,0	-	85,0	-	100,0	8,60	PHP 34-14M-55RSB		
160,43		36	1F	157,68	168,0	24	67,0	70,0	-	85,0	-	100,0	9,60	PHP 36-14M-55RSB		
169,34		38	1F	166,60	183,0	24	80,0	70,0	-	85,0	-	120,0	10,80	PHP 38-14M-55RSB		
178,25		40	1F	175,49	188,0	24	80,0	70,0	-	85,0	-	120,0	11,20	PHP 40-14M-55RSB		
196,08		44	1F	193,28	211,0	24	80,0	70,0	-	85,0	-	120,0	12,50	PHP 44-14M-55RSB		
213,90		48	7F	211,11	226,0	24	82,0	70,0	-	70,0	-	135,0	13,70	PHP 48-14M-55RSB		
249,55		56	7F	246,76	256,0	28	82,0	70,0	-	70,0	-	135,0	14,50	PHP 56-14M-55RSB		
285,21		64	7F	282,41	296,0	28	82,0	70,0	-	70,0	-	135,0	15,60	PHP 64-14M-55RSB		
320,86		72	3	318,06	-	28	82,0	70,0	-	70,0	-	135,0	18,50	PHP 72-14M-55RSB		
356,51		80	3	353,71	-	28	82,0	70,0	-	70,0	-	135,0	20,00	PHP 80-14M-55RSB		
401,07		90	3	398,28	-	28	82,0	70,0	-	70,0	-	135,0	22,60	PHP 90-14M-55RSB		
499,11		112	3	496,32	-	28	82,0	70,0	-	70,0	-	135,0	29,50	PHP 112-14M-55RSB		
641,71		144	3	638,92	-	28	82,0	70,0	-	70,0	-	135,0	39,00	PHP 144-14M-55RSB		
748,66		168	3	745,87	-	28	82,0	70,0	-	70,0	-	135,0	48,50	PHP 168-14M-55RSB		
855,62		192	3	852,82	-	28	82,0	70,0	-	70,0	-	135,0	57,80	PHP 192-14M-55RSB		
962,57		216	3	959,76	-	28	82,0	70,0	-	70,0	-	150,0	67,00	PHP 216-14M-55RSB		
14	85	124,78	28	1F	122,12	127,0	24	67,0	102,0	-	117,0	-	100,0	7,70	PHP 28-14M-85RSB	
		129,23	29	1F	126,57	138,0	24	67,0	102,0	-	117,0	-	100,0	8,40	PHP 29-14M-85RSB	
		133,69	30	1F	130,99	138,0	24	67,0	102,0	-	117,0	-	100,0	9,10	PHP 30-14M-85RSB	
		142,60	32	1F	139,88	154,0	24	67,0	102,0	-	117,0	-	100,0	10,50	PHP 32-14M-85RSB	
	151,52	34	1F	148,79	160,0	24	67,0	102,0	-	117,0	-	100,0	11,90	PHP 34-14M-85RSB		
	160,43	36	1F	157,68	168,0	32	67,0	102,0	-	117,0	-	100,0	13,20	PHP 36-14M-85RSB		
	169,34	38	1F	166,60	183,0	32	80,0	102,0	-	117,0	-	120,0	15,15	PHP 38-14M-85RSB		
	178,25	40	1F	175,49	188,0	32	90,0	102,0	-	117,0	-	135,0	17,10	PHP 40-14M-85RSB		
	196,08	44	1F	193,28	211,0	32	90,0	102,0	-	117,0	-	135,0	23,30	PHP 44-14M-85RSB		
	213,90	48	1F	211,11	226,0	32	100,0	102,0	-	117,0	-	150,0	25,00	PHP 48-14M-85RSB		
	249,55	56	7F	246,76	256,0	32	90,0	102,0	-	102,0	-	150,0	25,00	PHP 56-14M-85RSB		
	285,21	64	7F	282,41	296,0	32	90,0	102,0	-	102,0	-	150,0	28,20	PHP 64-14M-85RSB		
	320,86	72	3	318,06	-	32	90,0	102,0	-	102,0	-	150,0	28,80	PHP 72-14M-85RSB		
	356,51	80	3	353,71	-	32	90,0	102,0	-	102,0	-	150,0	30,10	PHP 80-14M-85RSB		
	401,07	90	3	398,28	-	32	90,0	102,0	-	102,0	-	150,0	33,00	PHP 90-14M-85RSB		
	499,11	112	3	496,32	-	32	90,0	102,0	-	102,0	-	150,0	41,80	PHP 112-14M-85RSB		
	641,71	144	3	638,92	-	32	90,0	102,0	-	102,0	-	150,0	52,40	PHP 144-14M-85RSB		

**HiTD pulleys**  
14 mm pitch pilot bore (RSB)

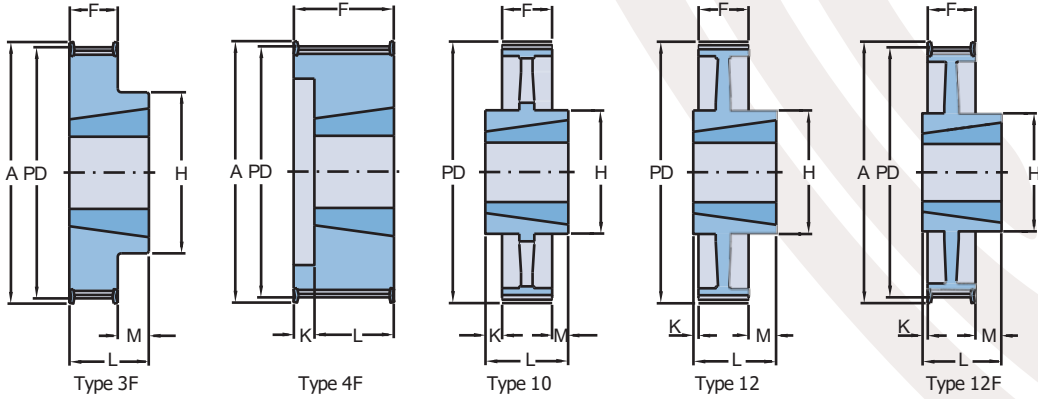


Pitch	Belt width	Pitch diameter PD	Number of teeth	Pulley type	Dimensions								Mass	Designation		
					Outer diameter OD	A	B	F		K	L	M			H	
					mm	mm	mm	Min.	Max.	mm	mm	mm	mm	mm	kg	-
<b>14</b>	<b>85</b>	748,66	168	3	745,87	-	32	90,0	102,0	-	102,0	-	150,0	60,30	<b>PHP 168-14M-85RSB</b>	
		855,62	192	3	852,82	-	32	100,0	102,0	-	102,0	-	165,0	70,20	<b>PHP 192-14M-85RSB</b>	
		962,57	216	3	959,76	-	32	100,0	102,0	-	102,0	-	165,0	81,00	<b>PHP 216-14M-85RSB</b>	
<b>14</b>	<b>115</b>	124,78	28	1F	122,12	127,0	32	67,0	133,0	-	148,0	-	100,0	9,20	<b>PHP 28-14M-115RSB</b>	
		129,23	29	1F	126,57	138,0	32	67,0	133,0	-	148,0	-	100,0	10,20	<b>PHP 29-14M-115RSB</b>	
		133,69	30	1F	130,99	138,0	32	67,0	133,0	-	148,0	-	100,0	11,20	<b>PHP 30-14M-115RSB</b>	
		142,60	32	1F	139,88	154,0	32	67,0	133,0	-	148,0	-	100,0	13,20	<b>PHP 32-14M-115RSB</b>	
		151,52	34	1F	148,79	160,0	32	67,0	133,0	-	148,0	-	100,0	14,80	<b>PHP 34-14M-115RSB</b>	
		160,43	36	1F	157,68	168,0	32	80,0	133,0	-	148,0	-	120,0	16,60	<b>PHP 36-14M-115RSB</b>	
		169,34	38	1F	166,60	183,0	32	80,0	133,0	-	148,0	-	120,0	19,20	<b>PHP 38-14M-115RSB</b>	
		178,25	40	1F	175,49	188,0	32	90,0	133,0	-	148,0	-	135,0	20,56	<b>PHP 40-14M-115RSB</b>	
		196,08	44	1F	193,28	211,0	32	94,0	133,0	-	148,0	-	140,0	26,00	<b>PHP 44-14M-115RSB</b>	
		213,90	48	1F	211,11	226,0	32	100,0	133,0	-	148,0	-	150,0	30,00	<b>PHP 48-14M-115RSB</b>	
		249,55	56	1F	246,76	256,0	32	100,0	133,0	-	148,0	-	150,0	36,00	<b>PHP 56-14M-115RSB</b>	
		285,21	64	7F	282,41	296,0	32	90,0	133,0	-	133,0	-	150,0	39,00	<b>PHP 64-14M-115RSB</b>	
		320,86	72	3	318,06	-	32	90,0	133,0	-	133,0	-	150,0	32,83	<b>PHP 72-14M-115RSB</b>	
		356,51	80	3	353,71	-	32	90,0	133,0	-	133,0	-	150,0	35,55	<b>PHP 80-14M-115RSB</b>	
		401,07	90	3	398,28	-	32	90,0	133,0	-	133,0	-	150,0	41,00	<b>PHP 90-14M-115RSB</b>	
		499,11	112	3	496,32	-	32	90,0	133,0	-	133,0	-	150,0	54,40	<b>PHP 112-14M-115RSB</b>	
		641,71	144	3	638,92	-	32	100,0	133,0	-	133,0	-	165,0	67,80	<b>PHP 144-14M-115RSB</b>	
		748,66	168	3	745,87	-	32	100,0	133,0	-	133,0	-	165,0	75,80	<b>PHP 168-14M-115RSB</b>	
		855,62	192	3	852,82	-	32	100,0	133,0	-	133,0	-	165,0	90,30	<b>PHP 192-14M-115RSB</b>	
		962,57	216	3	959,76	-	32	100,0	133,0	-	133,0	-	165,0	105,00	<b>PHP 216-14M-115RSB</b>	
		<b>14</b>	<b>170</b>	124,78	28	1F	122,12	127,0	32	67,0	187,0	-	202,0	-	100,0	13,80
129,23	29			1F	126,57	138,0	32	67,0	187,0	-	202,0	-	100,0	14,20	<b>PHP 29-14M-170RSB</b>	
133,69	30			1F	130,99	138,0	32	67,0	187,0	-	202,0	-	100,0	15,60	<b>PHP 30-14M-170RSB</b>	
142,60	32			1F	139,88	154,0	32	67,0	187,0	-	202,0	-	100,0	18,10	<b>PHP 32-14M-170RSB</b>	
151,52	34			1F	148,79	160,0	32	67,0	187,0	-	202,0	-	100,0	20,40	<b>PHP 34-14M-170RSB</b>	
160,43	36			1F	157,68	168,0	32	80,0	187,0	-	202,0	-	120,0	23,50	<b>PHP 36-14M-170RSB</b>	
169,34	38			1F	166,60	183,0	32	90,0	187,0	-	202,0	-	135,0	26,50	<b>PHP 38-14M-170RSB</b>	
178,25	40			1F	175,49	188,0	32	94,0	187,0	-	202,0	-	140,0	30,10	<b>PHP 40-14M-170RSB</b>	
196,08	44			1F	193,28	211,0	32	100,0	187,0	-	202,0	-	160,0	37,80	<b>PHP 44-14M-170RSB</b>	
213,90	48			1F	211,11	226,0	32	107,0	187,0	-	202,0	-	160,0	44,50	<b>PHP 48-14M-170RSB</b>	
249,55	56			1F	246,76	256,0	32	110,0	187,0	-	202,0	-	160,0	61,00	<b>PHP 56-14M-170RSB</b>	
285,21	64			1F	282,41	296,0	32	120,0	187,0	-	202,0	-	180,0	81,00	<b>PHP 64-14M-170RSB</b>	
320,86	72			7	318,06	-	32	120,0	187,0	-	187,0	-	180,0	61,40	<b>PHP 72-14M-170RSB</b>	
356,51	80			7	353,71	-	32	108,0	187,0	-	187,0	-	180,0	65,00	<b>PHP 80-14M-170RSB</b>	
401,07	90			3	398,28	-	38	108,0	187,0	-	187,0	-	180,0	68,00	<b>PHP 90-14M-170RSB</b>	
499,11	112			3	496,32	-	38	108,0	187,0	-	187,0	-	200,0	87,50	<b>PHP 112-14M-170RSB</b>	
641,71	144			3	638,92	-	38	108,0	187,0	-	187,0	-	220,0	114,80	<b>PHP 144-14M-170RSB</b>	
748,66	168			3	745,87	-	38	108,0	187,0	-	187,0	-	220,0	125,00	<b>PHP 168-14M-170RSB</b>	
855,62	192			3	852,82	-	38	108,0	187,0	-	187,0	-	220,0	136,40	<b>PHP 192-14M-170RSB</b>	
962,57	216			3	959,76	-	38	108,0	187,0	-	187,0	-	220,0	147,00	<b>PHP 216-14M-170RSB</b>	



## HiTD pulleys

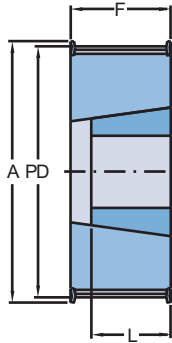
5 mm pitch taper bushed | 8 mm pitch taper bushed



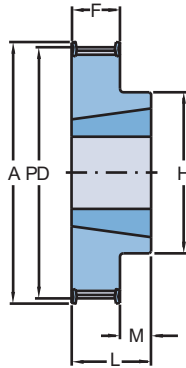
Pitch	Belt width h	Pitch of diameter teeth PD	Number of teeth	Pulley type	Bushin g number r	Dimensions Outer diameter OD	A		F	K	L	M	H	Mass <sup>1)</sup>	Designation		
							Min.	Max.									
mm						mm								kg	-		
5	15	54,11	34	3F	1008	52,97	58	9	25,0	20,5	-	22,0	1,5	43	0,19	PHP 34-5M-15TB	
		57,30	36	3F	1108	56,16	61	9	28,0	20,5	-	22,0	1,5	45	0,20	PHP 36-5M-15TB	
		60,48	38	3F	1108	59,34	65	9	28,0	20,5	-	22,0	1,5	48	0,25	PHP 38-5M-15TB	
		63,66	40	3F	1108	62,52	68	9	28,0	20,5	-	22,0	1,5	52	0,31	PHP 40-5M-15TB	
		70,03	44	3F	1108	68,89	74	9	28,0	20,5	-	22,0	1,5	54	0,40	PHP 44-5M-15TB	
		76,39	48	3F	1210	75,25	80	11	32,0	20,5	-	25,0	4,5	64	0,45	PHP 48-5M-15TB	
	89,13	56	3F	1210	87,99	93	11	32,0	20,5	-	25,0	4,5	70	0,67	PHP 56-5M-15TB		
	101,86	64	3F	1210	100,72	106	11	32,0	20,5	-	25,0	4,5	78	0,96	PHP 64-5M-15TB		
	114,59	72	3F	1610	113,45	118	14	42,0	20,5	-	25,0	4,5	90	1,19	PHP 72-5M-15TB		
	127,32	80	3F	1610	126,18	135	14	42,0	20,5	-	25,0	4,5	92	1,57	PHP 80-5M-15TB		
	143,24	90	10	1610	142,10	-	14	42,0	20,5	2,3	25,0	2,3	92	1,47	PHP 90-5M-15TB		
	178,25	112	10	1610	177,11	-	14	42,0	20,5	2,3	25,0	2,3	92	1,94	PHP 112-5M-15TB		
	216,45	136	10	2012	215,31	-	14	50,0	20,5	5,8	32,0	5,8	106	3,06	PHP 136-5M-15TB		
	238,73	150	10	2012	237,51	-	14	50,0	20,5	5,8	32,0	5,8	106	4,50	PHP 150-5M-15TB		
	8	20	56,02	22	4F	1008	54,65	65	9	25,0	28,0	6,0	22,0	-	-	0,24	PHP 22-8M-20TB
			61,12	24	4F	1108	59,75	70	9	28,0	28,0	6,0	22,0	-	-	0,30	PHP 24-8M-20TB
			66,21	26	4F	1108	64,84	75	9	28,0	28,0	6,0	22,0	-	-	0,36	PHP 26-8M-20TB
			71,30	28	4F	1108	70,08	80	9	28,0	28,0	6,0	22,0	-	-	0,44	PHP 28-8M-20TB
76,39			30	4F	1108	75,13	85	11	28,0	28,0	6,0	22,0	-	-	0,45	PHP 30-8M-20TB	
81,49			32	4F	1610	80,16	90	11	42,0	28,0	3,0	25,0	-	-	0,50	PHP 32-8M-20TB	
86,58		34	4F	1610	85,22	95	14	42,0	28,0	3,0	25,0	-	-	0,55	PHP 34-8M-20TB		
91,67		36	4F	1610	90,30	100	14	42,0	28,0	3,0	25,0	-	-	0,68	PHP 36-8M-20TB		
96,77		38	4F	1610	95,39	106	14	42,0	28,0	3,0	25,0	-	-	0,80	PHP 38-8M-20TB		
101,86		40	4F	1610	100,49	110	14	42,0	28,0	3,0	25,0	-	-	1,00	PHP 40-8M-20TB		
106,95		42	4F	1610	105,58	110	14	42,0	28,0	3,0	25,0	-	-	1,11	PHP 42-8M-20TB		
112,05		44	3F	2012	110,67	121	14	50,0	28,0	-	32,0	4,0	92	1,20	PHP 44-8M-20TB		
122,23		48	3F	2012	120,86	131	14	50,0	28,0	-	32,0	4,0	96	1,60	PHP 48-8M-20TB		
142,60		56	3F	2012	141,23	151	14	50,0	28,0	-	32,0	4,0	110	2,40	PHP 56-8M-20TB		
152,79		60	3F	2012	151,42	162	14	50,0	28,0	-	32,0	4,0	110	2,55	PHP 60-8M-20TB		
162,97		64	12F	2012	161,60	171	14	50,0	28,0	-	32,0	4,0	110	2,70	PHP 64-8M-20TB		
183,35		72	12F	2012	181,97	192	14	50,0	28,0	-	32,0	4,0	110	3,30	PHP 72-8M-20TB		
203,72		80	12	2012	202,35	-	16	50,0	28,0	-	32,0	4,0	110	3,50	PHP 80-8M-20TB		
229,18	90	12	2012	227,81	-	16	50,0	28,0	-	32,0	4,0	110	3,65	PHP 90-8M-20TB			
8	30	50,93	20	4F	1008	49,56	60	9	25,0	38,0	16,0	22,0	-	-	0,23	PHP 20-8M-30TB	
		53,47	21	4F	1008	52,10	65	9	25,0	38,0	16,0	22,0	-	-	0,26	PHP 21-8M-30TB	
		56,02	22	4F	1008	54,65	65	9	25,0	38,0	16,0	22,0	-	-	0,29	PHP 22-8M-30TB	
		58,57	23	4F	1108	57,20	70	9	28,0	38,0	16,0	22,0	-	-	0,32	PHP 23-8M-30TB	
		61,12	24	4F	1108	59,75	70	9	28,0	38,0	16,0	22,0	-	-	0,38	PHP 24-8M-30TB	
		63,66	25	4F	1108	62,29	75	9	28,0	38,0	16,0	22,0	-	-	0,41	PHP 25-8M-30TB	
	66,21	26	4F	1108	64,84	75	9	28,0	38,0	16,0	22,0	-	-	0,45	PHP 26-8M-30TB		
	68,75	27	4F	1108	67,38	80	9	28,0	38,0	16,0	22,0	-	-	0,49	PHP 27-8M-30TB		
	71,30	28	4F	1210	70,08	80	11	32,0	38,0	16,0	25,0	-	-	0,50	PHP 28-8M-30TB		

## HiTD pulleys

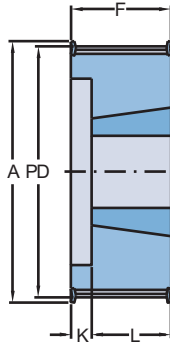
8 mm pitch taper bushed



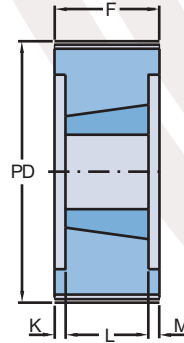
Type 2F



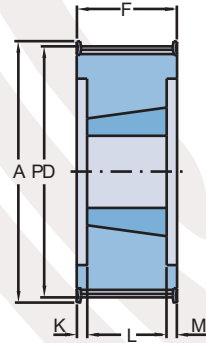
Type 3F



Type 4F



Type 6

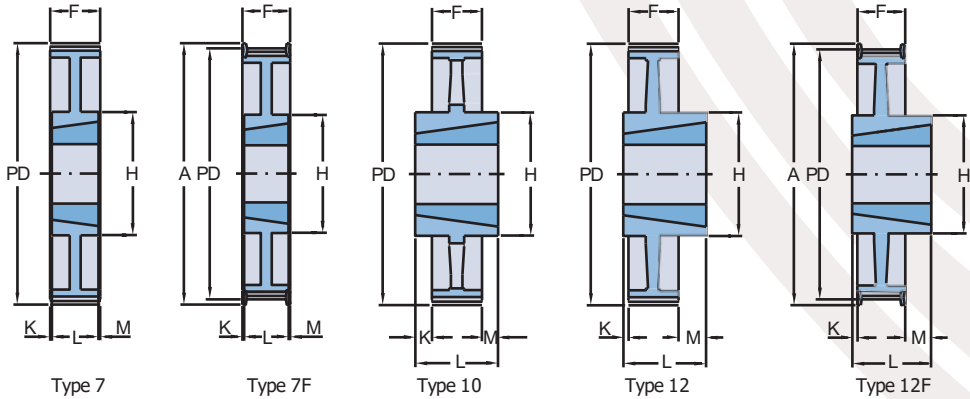


Type 6F

Pitch	Belt width h	Pitch of diameter teeth PD	Number of teeth	Pulley type	Bushing number r	Dimensions		F	K	L	M	H	Mass <sup>1)</sup>	Designation		
						Outer diameter OD	Min. Max.									
mm						mm							kg			
8	30	76,39	30	2F	1615	75,13	85	11	42,0	38,0	-	38,0	-	0,55	PHP 30-8M-30TB	
		78,94	31	2F	1615	77,57	90	14	42,0	38,0	-	38,0	-	0,57	PHP 31-8M-30TB	
		81,49	32	2F	1615	80,16	90	14	42,0	38,0	-	38,0	-	0,59	PHP 32-8M-30TB	
		84,03	33	2F	1615	82,66	95	14	42,0	38,0	-	38,0	-	0,73	PHP 33-8M-30TB	
		86,58	34	2F	1615	85,22	95	14	42,0	38,0	-	38,0	-	0,77	PHP 34-8M-30TB	
		89,13	35	2F	1615	87,75	100	14	42,0	38,0	-	38,0	-	0,82	PHP 35-8M-30TB	
		91,67	36	2F	1615	90,30	100	14	42,0	38,0	-	38,0	-	0,96	PHP 36-8M-30TB	
		96,77	38	2F	1615	95,39	106	14	42,0	38,0	-	38,0	-	1,15	PHP 38-8M-30TB	
		101,86	40	2F	1615	100,49	110	14	42,0	38,0	-	38,0	-	1,34	PHP 40-8M-30TB	
		106,95	42	2F	1615	105,58	110	14	42,0	38,0	-	38,0	-	1,36	PHP 42-8M-30TB	
		112,05	44	6F	2012	110,67	121	14	50,0	38,0	6,0	32,0	-	-	1,33	PHP 44-8M-30TB
		114,59	45	6F	2012	113,22	121	14	50,0	38,0	6,0	32,0	-	-	1,62	PHP 45-8M-30TB
		122,23	48	6F	2012	120,86	131	14	50,0	38,0	6,0	32,0	-	-	1,78	PHP 48-8M-30TB
		127,32	50	6F	2012	125,95	136	14	50,0	38,0	3,0	32,0	3,0	-	2,08	PHP 50-8M-30TB
		132,42	52	6F	2012	131,04	141	14	50,0	38,0	3,0	32,0	3,0	-	2,39	PHP 52-8M-30TB
		142,60	56	6F	2012	141,23	151	14	50,0	38,0	6,0	32,0	-	-	3,76	PHP 56-8M-30TB
		147,70	58	6F	2012	146,32	156	14	50,0	38,0	3,0	32,0	3,0	-	3,87	PHP 58-8M-30TB
		152,79	60	6F	2517	151,42	162	16	60,0	38,0	3,0	45,0	3,0	-	3,98	PHP 60-8M-30TB
		162,97	64	3F	2517	161,60	171	16	60,0	38,0	-	45,0	7,0	125	4,20	PHP 64-8M-30TB
		183,35	72	12F	2517	181,97	192	16	60,0	38,0	-	45,0	7,0	125	4,30	PHP 72-8M-30TB
		203,72	80	12	2517	202,35	-	16	60,0	38,0	-	45,0	7,0	125	4,60	PHP 80-8M-30TB
		229,18	90	12	2517	227,81	-	16	60,0	38,0	-	45,0	7,0	125	5,00	PHP 90-8M-30TB
		285,21	112	12	2517	283,83	-	16	60,0	38,0	-	45,0	7,0	125	6,20	PHP 112-8M-30TB
		366,69	144	12	2517	365,32	-	16	60,0	38,0	-	45,0	7,0	125	9,00	PHP 144-8M-30TB
427,81	168	10	3020	426,44	-	25	75,0	38,0	7,0	51,0	7,0	170	15,00	PHP 168-8M-30TB		
488,92	192	10	3525	487,55	-	35	100,0	38,0	14,0	65,0	7,0	198	18,50	PHP 192-8M-30TB		

## HiTD pulleys

8 mm pitch taper bushed

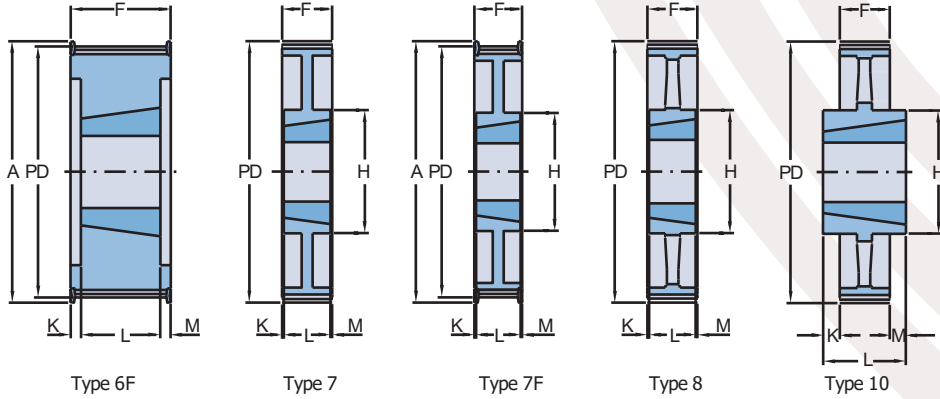


Pitch	Belt width	Pitch diameter	Number of teeth	Pulley type	Bushing number	Dimensions		A	B	F	K	L	M	H	Mass <sup>1)</sup>	Designation
						Outer diameter	OD									
mm						mm		Min.	Max.						kg	
8	50	61,12	24	6F	1108	59,75	70	9	32,0	60,0	19,0	22,0	19,0	-	0,35	PHP 24-8M-50TB
		66,21	26	6F	1108	64,84	75	9	32,0	60,0	19,0	22,0	19,0	-	0,48	PHP 26-8M-50TB
		68,75	27	6F	1108	67,38	75	9	32,0	60,0	19,0	22,0	19,0	-	0,55	PHP 27-8M-50TB
		71,30	28	4F	1210	70,08	80	11	32,0	60,0	35,0	22,0	35,0	-	0,60	PHP 28-8M-50TB
		76,39	30	4F	1615	75,13	85	14	42,0	60,0	23,0	25,0	-	-	0,65	PHP 30-8M-50TB
		78,94	31	4F	1615	77,57	87	14	42,0	60,0	23,0	25,0	-	-	0,77	PHP 31-8M-50TB
		81,49	32	4F	1615	80,16	90	14	42,0	60,0	23,0	25,0	-	-	0,82	PHP 32-8M-50TB
		84,03	33	4F	1615	82,66	90	14	42,0	60,0	23,0	25,0	-	-	0,98	PHP 33-8M-50TB
		86,58	34	4F	1615	85,22	95	14	42,0	60,0	23,0	25,0	-	-	1,06	PHP 34-8M-50TB
		89,13	35	4F	1615	87,75	95	14	42,0	60,0	23,0	25,0	-	-	1,18	PHP 35-8M-50TB
		91,67	36	4F	1615	90,30	100	14	42,0	60,0	23,0	25,0	-	-	1,30	PHP 36-8M-50TB
		96,77	38	4F	1615	95,39	105	14	42,0	60,0	23,0	25,0	-	-	1,60	PHP 38-8M-50TB
		101,86	40	4F	2012	100,49	110	14	50,0	60,0	29,0	32,0	-	-	1,71	PHP 40-8M-50TB
		106,95	42	4F	2012	105,58	111	14	50,0	60,0	29,0	32,0	28,0	-	1,75	PHP 42-8M-50TB
		112,05	44	6F	2012	110,67	121	14	50,0	60,0	-	32,0	28,0	-	1,78	PHP 44-8M-50TB
		114,59	45	6F	2012	113,22	121	14	50,0	60,0	-	32,0	28,0	-	1,91	PHP 45-8M-50TB
		122,23	48	6F	2012	120,86	131	14	50,0	60,0	-	32,0	28,0	-	2,30	PHP 48-8M-50TB
		127,32	50	6F	2012	125,95	131	14	50,0	60,0	-	32,0	28,0	-	2,58	PHP 50-8M-50TB
		132,42	52	6F	2012	131,04	140	14	50,0	60,0	-	32,0	28,0	-	2,85	PHP 52-8M-50TB
		142,60	56	6F	2517	141,23	151	16	60,0	60,0	-	45,0	15,0	-	3,40	PHP 56-8M-50TB
		147,70	58	6F	2517	146,32	156	16	60,0	60,0	-	45,0	15,0	-	3,80	PHP 58-8M-50TB
		152,79	60	6F	2517	151,42	158	16	60,0	60,0	-	45,0	15,0	-	4,20	PHP 60-8M-50TB
		162,97	64	6F	2517	161,60	171	16	60,0	60,0	-	45,0	15,0	-	5,00	PHP 64-8M-50TB
183,35	72	7F	2517	181,97	192	16	60,0	60,0	7,5	45,0	7,5	125	6,70	PHP 72-8M-50TB		
203,72	80	6	3020	202,35	-	25	75,0	60,0	4,5	45,0	4,5	-	8,80	PHP 80-8M-50TB		
229,18	90	7	3020	227,81	-	25	75,0	60,0	4,5	51,0	4,5	160	10,00	PHP 90-8M-50TB		
285,21	112	7	3020	283,83	-	25	75,0	60,0	4,5	51,0	4,5	170	12,00	PHP 112-8M-50TB		

# CNIP PULLEYS

## HiTD pulleys

8 mm pitch taper bushed | 14 mm pitch taper bushed



Pitch	Belt width h	Pitch of diameter teeth PD	Number of teeth	Pulley type	Bushings number r	Dimensions		A	B	F	K	L	M	H	Mass <sup>1)</sup>	Designation	
						Outer diameter OD	mm										
mm						mm		Min.	Max.						kg		
8	50	366,69	144	8	3020	365,32	-	25	75,0	60,0	4,5	51,0	4,5	170	15,20	PHP 144-8M-50TB	
		427,81	168	10	3525	426,44	-	25	100,0	60,0	4,5	51,0	4,5	170	16,40	PHP 168-8M-50TB	
		488,92	192	10	3525	487,55	-	25	100,0	60,0	4,5	51,0	4,5	170	21,80	PHP 192-8M-50TB	
	8	85	61,12	24	6F	1108	59,75	70	9	28,0	95,0	36,5	22,0	36,5	-	0,46	PHP 24-8M-85TB
			66,21	26	6F	1108	64,84	75	9	28,0	95,0	36,5	22,0	36,5	-	0,64	PHP 26-8M-85TB
			71,30	28	6F	1108	70,08	80	9	28,0	95,0	36,5	22,0	36,5	-	0,82	PHP 28-8M-85TB
			76,39	30	6F	1615	75,13	85	14	42,0	95,0	36,5	22,0	36,5	-	1,17	PHP 30-8M-85TB
			84,03	33	6F	1615	82,66	90	14	42,0	95,0	36,5	22,0	36,5	-	1,34	PHP 33-8M-85TB
			86,58	34	6F	1615	85,22	95	14	42,0	95,0	28,5	38,0	28,5	-	1,43	PHP 34-8M-85TB
			89,13	35	6F	1615	87,75	95	14	42,0	95,0	28,5	38,0	28,5	-	1,54	PHP 35-8M-85TB
			91,67	36	6F	1615	90,30	100	14	42,0	95,0	28,5	38,0	28,5	-	1,87	PHP 36-8M-85TB
			96,77	38	6F	1615	95,39	106	14	42,0	95,0	28,5	38,0	28,5	-	2,20	PHP 38-8M-85TB
101,86			40	6F	2012	100,49	110	14	50,0	95,0	31,5	32,0	31,5	-	1,80	PHP 40-8M-85TB	
106,95			42	6F	2012	105,58	110	14	50,0	95,0	31,5	32,0	31,5	-	2,16	PHP 42-8M-85TB	
112,05			44	6F	2012	110,67	121	14	50,0	95,0	31,5	32,0	31,5	-	2,30	PHP 44-8M-85TB	
114,59			45	6F	2012	113,22	121	14	50,0	95,0	31,5	32,0	31,5	-	2,39	PHP 45-8M-85TB	
122,23			48	6F	2517	120,86	131	16	60,0	95,0	25,0	45,0	25,0	-	2,66	PHP 48-8M-85TB	
127,32			50	6F	2517	125,95	131	16	60,0	95,0	25,0	45,0	25,0	-	3,11	PHP 50-8M-85TB	
132,42			52	6F	2517	131,04	140	16	60,0	95,0	25,0	45,0	25,0	-	3,56	PHP 52-8M-85TB	
142,60			56	6F	2517	141,23	151	16	60,0	95,0	25,0	45,0	25,0	-	4,45	PHP 56-8M-85TB	
147,70			58	6F	2517	146,32	158	16	60,0	95,0	25,0	45,0	25,0	-	4,89	PHP 58-8M-85TB	
152,79	60	6F	2517	151,42	158	16	60,0	95,0	25,0	45,0	25,0	-	5,33	PHP 60-8M-85TB			
162,97	64	7F	2517	161,60	171	16	60,0	95,0	25,0	45,0	25,0	-	6,20	PHP 64-8M-85TB			
183,35	72	7	3020	181,97	192	25	75,0	95,0	22,0	51,0	22,0	-	8,00	PHP 72-8M-85TB			
203,72	80	8	3020	202,35	-	25	75,0	95,0	22,0	51,0	22,0	-	10,00	PHP 80-8M-85TB			
229,18	90	8	3020	227,81	-	25	75,0	95,0	22,0	51,0	22,0	-	10,80	PHP 90-8M-85TB			
285,21	112	8	3020	283,83	-	25	75,0	95,0	22,0	51,0	22,0	170	15,00	PHP 112-8M-85TB			
366,69	144	8	3535	365,32	-	35	90,0	95,0	3,0	89,0	3,0	190	20,00	PHP 144-8M-85TB			
427,81	168	8	3535	426,44	-	35	90,0	95,0	3,0	89,0	3,0	190	23,00	PHP 168-8M-85TB			
488,92	192	8	3535	487,55	-	35	90,0	95,0	3,0	89,0	3,0	190	28,50	PHP 192-8M-85TB			
14	40	124,78	28	6F	2012	122,12	141	14	50,0	54,0	11,0	32,0	11,0	-	2,66	PHP 28-14M-40TB	
		129,23	29	6F	2012	126,57	141	14	50,0	54,0	11,0	32,0	11,0	-	2,66	PHP 29-14M-40TB	
		133,69	30	6F	2012	130,99	156	14	50,0	54,0	11,0	32,0	11,0	-	2,89	PHP 30-14M-40TB	
		142,60	32	6F	2012	139,88	156	14	50,0	54,0	11,0	32,0	11,0	-	3,51	PHP 32-14M-40TB	
		151,52	34	6F	2517	148,79	165	16	60,0	54,0	4,5	45,0	4,5	-	3,87	PHP 34-14M-40TB	
		155,97	35	6F	2517	153,18	173	16	60,0	54,0	4,5	45,0	4,5	-	4,34	PHP 35-14M-40TB	
		160,43	36	6F	2517	157,68	173	16	60,0	54,0	4,5	45,0	4,5	-	4,62	PHP 36-14M-40TB	
		169,34	38	6F	2517	166,60	182	16	60,0	54,0	4,5	45,0	4,5	-	5,40	PHP 38-14M-40TB	
		178,25	40	6F	2517	175,49	191	16	60,0	54,0	4,5	45,0	4,5	-	6,23	PHP 40-14M-40TB	
		187,17	42	6F	2517	184,37	209	16	60,0	54,0	4,5	45,0	4,5	-	6,75	PHP 42-14M-40TB	
		196,08	44	6F	3020	193,28	209	25	75,0	54,0	1,5	51,0	1,5	-	7,26	PHP 44-14M-40TB	
		200,54	45	6F	3020	197,74	227	25	75,0	54,0	1,5	51,0	1,5	-	8,20	PHP 45-14M-40TB	
	213,90	48	6F	3020	211,11	227	25	75,0	54,0	1,5	51,0	1,5	-	9,33	PHP 48-14M-40TB		
	222,82	50	6F	3020	220,02	246	25	75,0	54,0	1,5	51,0	1,5	-	10,10	PHP 50-14M-40TB		
	249,55	56	6F	3020	246,76	264	25	75,0	54,0	1,5	51,0	1,5	-	10,80	PHP 56-14M-40TB		
	267,38	60	7F	3020	264,59	281	25	75,0	54,0	1,5	51,0	1,5	170	13,10	PHP 60-14M-40TB		
	285,21	64	7F	3020	282,41	296	25	75,0	54,0	1,5	51,0	1,5	170	15,40	PHP 64-14M-40TB		
	320,86	72	7	3020	318,06	-	25	75,0	54,0	1,5	51,0	1,5	170	19,75	PHP 72-14M-40TB		
	356,51	80	8	3020	353,71	-	25	75,0	54,0	1,5	51,0	1,5	170	20,00	PHP 80-14M-40TB		
	401,07	90	8	3020	398,28	-	25	75,0	54,0	1,5	51,0	1,5	170	21,80	PHP 90-14M-40TB		
	499,11	112	8	3020	496,32	-	25	75,0	54,0	1,5	51,0	1,5	170	29,60	PHP 112-14M-40TB		
	641,71	144	8	3020	638,92	-	25	75,0	54,0	1,5	51,0	1,5	170	36,00	PHP 144-14M-40TB		
	748,66	168	8	3020	745,87	-	25	75,0	54,0	1,5	51,0	1,5	170	48,00	PHP 168-14M-40TB		

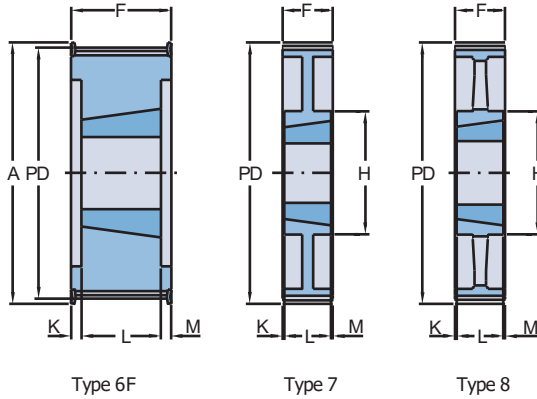
# HITD pulleys

## 14 mm pitch taper bushed

Pitch	Belt width	Pitch diameter	Number of teeth	Pulley type	Bushing number	Dimensions			Min.	Max.	F	K	L	M	H	Mass <sup>1)</sup>	Designation
						Outer diameter	A	B									
mm		PD	-	-	-	OD mm									kg	-	
14	40	855,62	192	8	3020	852,82	-	25	75,0	54,0	1,5	51,0	1,5	170	53,00	PHP 192-14M-40TB	
		962,56	216	8	3020	960,00	-	25	75,0	54,0	1,5	51,0	1,5	170	60,00	PHP 216-14M-40TB	
14	55	124,78	28	6F	2012	122,12	141	14	50,0	70,0	19,0	32,0	19,0	-	2,88	PHP 28-14M-55TB	
		129,23	29	6F	2012	126,57	141	14	50,0	70,0	19,0	32,0	19,0	-	3,18	PHP 29-14M-55TB	
		133,69	30	6F	2517	130,99	156	16	60,0	70,0	12,5	45,0	12,5	-	3,21	PHP 30-14M-55TB	
		142,60	32	6F	2517	139,88	156	16	60,0	70,0	12,5	45,0	12,5	-	3,90	PHP 32-14M-55TB	
		151,51	34	6F	2517	148,79	165	16	60,0	70,0	12,5	45,0	12,5	-	4,55	PHP 34-14M-55TB	
		155,97	35	6F	2517	153,18	173	16	60,0	70,0	12,5	45,0	12,5	-	4,88	PHP 35-14M-55TB	
		160,43	36	6F	2517	157,68	173	16	60,0	70,0	12,5	45,0	12,5	-	5,20	PHP 36-14M-55TB	
		169,34	38	6F	2517	166,60	182	16	60,0	70,0	12,5	45,0	12,5	-	6,20	PHP 38-14M-55TB	
		178,25	40	6F	2517	175,49	191	16	60,0	70,0	12,5	45,0	12,5	-	7,00	PHP 40-14M-55TB	
		187,17	42	6F	3020	184,37	209	25	75,0	70,0	9,5	51,0	9,5	-	7,80	PHP 42-14M-55TB	
		196,08	44	6F	3020	193,28	209	25	75,0	70,0	9,5	51,0	9,5	-	8,42	PHP 44-14M-55TB	
		200,54	45	6F	3020	197,74	227	25	75,0	70,0	9,5	51,0	9,5	-	9,51	PHP 45-14M-55TB	
		213,90	48	6F	3020	211,11	227	25	75,0	70,0	9,5	51,0	9,5	-	10,64	PHP 48-14M-55TB	
		228,82	50	6F	3020	220,02	246	25	75,0	70,0	9,5	51,0	9,5	-	11,52	PHP 50-14M-55TB	
		249,55	56	6F	3020	246,76	264	25	75,0	70,0	9,5	51,0	9,5	-	12,40	PHP 56-14M-55TB	
		267,38	60	7F	3020	264,59	281	25	75,0	70,0	9,5	51,0	9,5	170	14,00	PHP 60-14M-55TB	
		285,21	64	7F	3020	282,41	298	25	75,0	70,0	9,5	51,0	9,5	170	15,18	PHP 64-14M-55TB	
		320,86	72	7	3020	318,06	-	25	75,0	70,0	9,5	51,0	9,5	170	20,00	PHP 72-14M-55TB	
		356,51	80	8	3020	353,71	-	25	75,0	70,0	9,5	51,0	9,5	170	22,50	PHP 80-14M-55TB	
		401,07	90	8	3020	398,28	-	25	75,0	70,0	9,5	51,0	9,5	170	25,00	PHP 90-14M-55TB	
		499,11	112	8	3020	496,32	-	25	75,0	70,0	9,5	51,0	9,5	170	33,40	PHP 112-14M-55TB	
		641,71	144	8	3020	638,92	-	25	75,0	70,0	9,5	51,0	9,5	170	46,50	PHP 144-14M-55TB	
		748,66	168	8	3020	745,87	-	25	75,0	70,0	9,5	51,0	9,5	170	58,50	PHP 168-14M-55TB	
		855,62	192	8	3020	852,82	-	25	75,0	70,0	9,5	51,0	9,5	170	62,00	PHP 192-14M-55TB	
		962,56	216	10	3535	960,00	-	35	90,0	70,0	9,5	51,0	9,5	190	74,80	PHP 216-14M-55TB	
		14	85	124,78	28	6F	2517	122,12	141	16	60,0	102,0	28,5	45,0	28,5	-	2,70
129,23	29			6F	2517	126,57	141	16	60,0	102,0	28,5	45,0	28,5	-	3,40	PHP 29-14M-85TB	
133,69	30			6F	2517	130,99	156	16	60,0	102,0	28,5	45,0	28,5	-	3,75	PHP 30-14M-85TB	
142,60	32			6F	2517	139,88	156	16	60,0	102,0	28,5	45,0	28,5	-	4,80	PHP 32-14M-85TB	
151,51	34			6F	2517	148,79	165	16	60,0	102,0	28,5	45,0	28,5	-	6,00	PHP 34-14M-85TB	
155,97	35			6F	2517	153,18	173	16	75,0	102,0	25,5	51,0	25,5	-	6,33	PHP 35-14M-85TB	
160,43	36			6F	3020	157,68	173	25	75,0	102,0	25,5	51,0	25,5	-	6,67	PHP 36-14M-85TB	
169,34	38			6F	3020	166,60	182	25	75,0	102,0	25,5	51,0	25,5	-	6,80	PHP 38-14M-85TB	
178,25	40			6F	3020	175,49	191	25	75,0	102,0	25,5	51,0	25,5	-	8,00	PHP 40-14M-85TB	
181,17	42			6F	3020	184,37	209	25	75,0	102,0	13,0	76,0	13,0	-	9,90	PHP 42-14M-85TB	
196,08	44			6F	3020	193,28	209	25	75,0	102,0	13,0	76,0	13,0	-	11,80	PHP 44-14M-85TB	
200,54	45			6F	3020	197,74	227	25	75,0	102,0	13,0	76,0	13,0	-	12,63	PHP 45-14M-85TB	
213,90	48			6F	3020	211,11	227	25	75,0	102,0	13,0	76,0	13,0	-	15,10	PHP 48-14M-85TB	
222,82	50			6F	3535	220,02	246	35	90,0	102,0	18,5	65,0	18,5	-	16,08	PHP 50-14M-85TB	
249,55	56			6F	3535	246,76	264	35	90,0	102,0	18,5	65,0	18,5	-	19,00	PHP 56-14M-85TB	
267,38	60			6F	3535	264,59	281	35	90,0	102,0	18,5	65,0	18,5	-	21,00	PHP 60-14M-85TB	
285,21	64			7F	3535	282,41	298	35	90,0	102,0	18,5	65,0	18,5	190	23,00	PHP 64-14M-85TB	
320,86	72			7	3535	318,06	-	35	90,0	102,0	18,5	65,0	18,5	190	25,00	PHP 72-14M-85TB	
356,51	80			8	3535	353,71	-	35	90,0	102,0	18,5	65,0	18,5	190	26,00	PHP 80-14M-85TB	
401,07	90			8	3535	398,28	-	35	90,0	102,0	18,5	65,0	18,5	190	27,80	PHP 90-14M-85TB	
499,11	112			8	3535	496,32	-	35	90,0	102,0	18,5	65,0	18,5	190	36,50	PHP 112-14M-85TB	
641,71	144			8	4040	638,92	-	40	100,0	102,0	18,5	65,0	18,5	230	48,00	PHP 144-14M-85TB	
748,66	168			8	4040	745,87	-	40	100,0	102,0	18,5	65,0	18,5	230	60,00	PHP 168-14M-85TB	
855,62	192			8	4040	852,82	-	40	100,0	102,0	-	102,0	-	230	86,00	PHP 192-14M-85TB	
962,56	216			8	4040	960,00	-	40	100,0	102,0	-	102,0	-	230	119,50	PHP 216-14M-85TB	
14	115			124,78	28	6F	2517	122,12	141	16	60,0	133,0	44,0	45,0	44,0	-	3,77
		129,23	29	6F	2517	126,57	141	16	60,0	133,0	44,0	45,0	44,0	-	4,00	PHP 29-14M-115TB	
		133,69	30	6F	2517	130,99	156	16	60,0	133,0	44,0	45,0	44,0	-	5,00	PHP 30-14M-115TB	
		142,60	32	6F	2517	139,88	156	16	60,0	133,0	44,0	45,0	44,0	-	6,00	PHP 32-14M-115TB	
		151,52	34	6F	2517	148,79	165	16	60,0	133,0	44,0	45,0	44,0	-	7,20	PHP 34-14M-115TB	
		155,97	35	6F	3020	153,18	173	25	75,0	133,0	41,0	51,0	41,0	-	7,00	PHP 35-14M-115TB	
		160,43	36	6F	3020	157,68	173	25	75,0	133,0	41,0	51,0	41,0	-	7,30	PHP 36-14M-115TB	
		169,34	38	6F	3020	166,60	182	25	75,0	133,0	41,0	51,0	41,0	-	8,40	PHP 38-14M-115TB	
		178,25	40	6F	3020	175,49	191	25	75,0	133,0	41,0	51,0	41,0	-	9,20	PHP 40-14M-115TB	
		187,17	42	6F	3030	184,37	209	35	75,0	133,0	28,5	76,0	28,5	-	11,60	PHP 42-14M-115TB	
		196,08	44	6F	3030	193,28	209	35	75,0	133,0	28,5	76,0	28,5	-	14,00	PHP 44-14M-115TB	
		200,54	45	6F	3030	197,74	227	35	75,0	133,0	28,5	76,0	28,5	-	15,60	PHP 45-14M-115TB	
		213,90	48	6F	3030	211,11	227	35	75,0	133,0	28,5	76,0	28,5	-	17,10	PHP 48-14M-115TB	
		222,82	50	6F	3535	220,02	246	35	90,0	133,0	22,0	89,0	22,0	-	21,00	PHP 50-14M-115TB	
		249,55	56	6F	3535	246,76	264	35	90,0	133,0	22,0	89,0	22,0	-	24,80	PHP 56-14M-115TB	
		267,38	60	6F	3535	264,59	281	35	90,0	133,0	22,0	89,0	22,0	-	25,90	PHP 60-14M-115TB	
		285,21	64	7F	3535	282,41	298	35	90,0	133,0	22,0	89,0	22,0	190	27,00	PHP 64-14M-115TB	
		320,86	72	7	3535	318,06	-	35	90,0	133,0	22,0	89,0	22,0	190	33,00	PHP 72-14M-115TB	
		356,51	80	7	3535	353,71	-	35	90,0	133,0	22,0	89,0	22,0	190	37,00	PHP 80-14M-115TB	
		401,07	90	7	3535	398,28	-	35	90,0	133,0	22,0	89,0	22,0	190	42,00	PHP 90-14M-115TB	
		499,11	112	8	3535	496,32	-	35	90,0	133,0	22,0	89,0	22,0	190	56,00	PHP 112-14M-115TB	

## HiTD pulleys

14 mm pitch taper bushed



Pitch	Belt width h	Pitch of diameter teeth PD	Number of diameter teeth	Pulley type	Bushin g number r	Dimensions Outer diameter OD	A		B		F	K	L	M	H	Mass <sup>1)</sup>	Designation
							Min.	Max.	Min.	Max.							
mm						mm										kg	
<b>14</b>	<b>115</b>	641,71	144	8	4040	638,92	-	40	100,0	133,0	15,5	102,0	15,5	230	75,00	PHP 144-14M-115TB	
		748,66	168	8	4040	745,87	-	40	100,0	133,0	15,5	102,0	15,5	230	92,60	PHP 168-14M-115TB	
		855,62	192	8	4040	852,92	-	40	100,0	133,0	15,5	102,0	15,5	230	230,00	PHP 192-14M-115TB	
		962,57	216	8	4040	959,76	-	40	100,0	133,0	15,5	102,0	15,5	230	127,00	PHP 216-14M-115TB	
<b>14</b>	<b>170</b>	155,97	35	6F	3030	153,18	173	35	75,0	187,0	55,5	76,0	55,5	-	10,60	PHP 35-14M-170TB	
		160,43	36	6F	3030	157,68	173	35	75,0	187,0	55,5	76,0	55,5	-	11,20	PHP 36-14M-170TB	
		169,34	38	6F	3030	167,00	182	35	75,0	187,0	55,5	76,0	55,5	-	11,70	PHP 38-14M-170TB	
		178,25	40	6F	3030	175,00	191	35	75,0	187,0	55,5	76,0	55,5	-	13,00	PHP 40-14M-170TB	
		187,17	42	6F	3535	184,37	202	35	90,0	187,0	49,0	89,0	49,0	-	14,00	PHP 42-14M-170TB	
		196,08	44	6F	3535	193,00	209	35	90,0	187,0	49,0	89,0	49,0	-	15,00	PHP 44-14M-170TB	
		200,54	45	6F	3535	197,74	212	35	90,0	187,0	49,0	89,0	49,0	-	16,00	PHP 45-14M-170TB	
		213,90	48	6F	3535	211,00	227	35	90,0	187,0	49,0	89,0	49,0	-	19,00	PHP 48-14M-170TB	
		222,82	50	6F	3535	220,02	246	35	90,0	187,0	49,0	89,0	49,0	-	23,80	PHP 50-14M-170TB	
		249,55	56	6F	3535	247,00	263	35	90,0	187,0	49,0	89,0	49,0	-	28,50	PHP 56-14M-170TB	
		267,38	60	6F	4040	264,59	281	40	100,0	187,0	42,5	114,0	42,5	-	34,80	PHP 60-14M-170TB	
		285,21	64	6F	4040	282,00	298	40	100,0	187,0	42,5	114,0	42,5	230	41,00	PHP 64-14M-170TB	
		320,86	72	7	4040	318,00	-	40	100,0	187,0	42,5	114,0	42,5	230	46,90	PHP 72-14M-170TB	
		356,51	80	7	4040	354,00	-	40	100,0	187,0	42,5	114,0	42,5	230	48,00	PHP 80-14M-170TB	
		401,07	90	7	4040	398,00	-	40	100,0	187,0	42,5	114,0	42,5	230	52,50	PHP 90-14M-170TB	
		499,11	112	7	5050	496,00	-	70	125,0	187,0	30,0	127,0	30,0	242	74,50	PHP 112-14M-170TB	
		641,71	144	8	5050	639,00	-	70	125,0	187,0	30,0	127,0	30,0	394	91,00	PHP 144-14M-170TB	
		748,86	168	8	5050	746,00	-	70	125,0	187,0	30,0	127,0	30,0	394	116,00	PHP 168-14M-170TB	
		855,62	192	8	5050	853,00	-	70	125,0	187,0	30,0	127,0	30,0	394	134,00	PHP 192-14M-170TB	
		962,57	216	8	5050	960,00	-	70	125,0	187,0	30,0	127,0	30,0	394	146,50	PHP 216-14M-170TB	



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