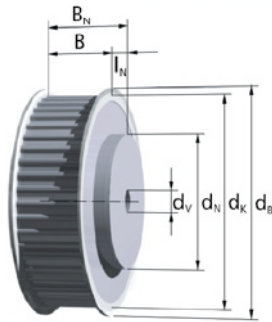
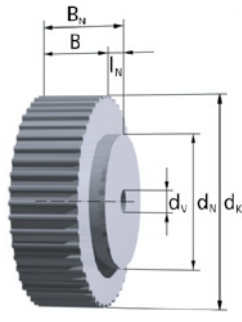


Timing pulleys T-Profile

T 5



Stock pulleys up to $z = 40$ with flanges



Stock pulleys over $z = 48$ without flanges

Order example:

Pulley AL 36 T 5 / 35 - 2 Hub 38x6; dv
 Material
 Total width B_N
 Type / pitch
 Number of teeth
 Number of flanges
 Hub dimension $d_N \times l_N$

Note for part code:

dv = Diameter pre-drilled.

Refer to page 14 for further ordering information.

Belt width	b [mm]	6	10	16	25
Pulley width	B [mm]	12	15	21	30
Total width	B_N [mm]	18	21	27	36

Materials:

Pulley: AlCu4MgSi, RoHS-conformant
 Flange: Galvanized steel

The stock pulleys with standard dimensioning are marked in blue.

In-between widths and larger widths as well as other hub dimensions are available.

- z = Number of teeth
- d_k = Outside diameter
- d_0 = Pitch circle diameter
- d_B = Flange diameter
- d_N = Hub diameter

- l_N = Hub length
- d_v = Pre-bore diameter
- d_{max} = max. bore diameter without keyway for flanged timing pulleys; no hub at maximum pre-bore

z	Hub			Bore		
	d_k [mm]	d_0 [mm]	d_B [mm]	$d_N \times l_N$ [mm]	d_v [mm]	d_{max} [mm]
10	15,05	15,92	18	8x6	4H7	6
11	16,65	17,50	21	10x6	4H7	6
12	18,25	19,10	23	12x6	4H7	6
13	19,85	20,69	25	12x6	6H7	8
14	21,45	22,28	26	14x6	6H7	8
15	23,05	23,87	28	16x6	6H7	10
16	24,60	25,46	30	18x6	6H7	12
17	26,20	27,06	32	18x6	6H7	14
18	27,80	28,65	34	20x6	6H7	16
19	29,40	30,24	35	22x6	6H7	16

z	Hub			Bore		
	d_k [mm]	d_0 [mm]	d_B [mm]	$d_N \times l_N$ [mm]	d_v [mm]	d_{max} [mm]
20	31,00	31,83	36	24x6	6H7	18
21	32,60	33,42	37	24x6	6H7	20
22	34,15	35,01	39	24x6	6H7	22
23	35,75	36,61	40	24x6	6H7	24
24	37,35	38,20	42	26x6	6H7	24
25	38,95	39,79	43	26x6	6H7	25
26	40,55	41,38	45	26x6	8H7	25
27	42,15	42,97	47	30x6	8H7	27
28	43,75	44,56	48	30x6	8H7	29
29	45,30	46,15	50	30x6	8H7	31
30	46,90	47,75	52	34x6	8H7	33
31	48,50	49,34	53	34x6	8H7	35
32	50,10	50,93	55	38x6	8H7	37
33	51,70	52,52	56	38x6	8H7	39
34	53,30	54,11	58	38x6	8H7	39

T 5

z	Hub			Bore		
	d _K [mm]	d ₀ [mm]	d _B [mm]	d _N x l _N [mm]	d _V [mm]	d _{max} [mm]
35	54,85	55,70	60	38x6	8H7	40
36	56,45	57,30	61	38x6	8H7	42
37	58,05	58,89	62	38x6	8H7	43
38	59,65	60,48	64	38x6	8H7	45
39	61,25	62,07	66	38x6	8H7	45
40	62,85	63,66	68	40x6	8H7	47
41	64,40	65,25	70	40x6	8H7	48
42	66,00	66,85	72	40x6	8H7	50
43	67,60	68,44	72	40x6	8H7	52
44	69,20	70,03	74	40x6	8H7	52
45	70,80	71,62	75	40x6	8H7	54
46	72,40	73,21	76	40x6	8H7	56
47	73,95	74,80	78	40x6	8H7	58
48	75,55	76,39	80	50x6	8H7	60
49	77,15	77,99	82	50x6	8H7	60
50	78,75	79,58	84	50x6	8H7	60
51	80,35	81,17	86	50x6	8H7	62
52	81,95	82,76	86	50x6	8H7	64
53	83,55	84,35	88	50x6	8H7	66
54	85,10	85,94	90	50x6	8H7	66
55	86,70	87,54	91	50x6	8H7	68
56	88,30	89,13	93	50x6	8H7	70
57	89,90	90,72	94	50x6	8H7	72
58	91,50	92,31	96	50x6	8H7	74
59	93,10	93,90	99	50x6	8H7	74
60	94,65	95,49	99	65x6	8H7	76
61	96,25	97,08	100	65x6	8H7	79
62	97,85	98,68	102	65x6	8H7	80
63	99,45	100,27	104	65x6	8H7	82
64	101,05	101,86	105	65x6	8H7	82
65	102,65	103,45	107	65x6	8H7	84
66	104,20	105,04	109	65x6	8H7	86
67	105,80	106,63	112	65x6	8H7	88
68	107,40	108,23	112	65x6	8H7	90
69	109,00	109,82	115	65x6	8H7	90
70	110,60	111,41	115	65x6	8H7	90
71	112,20	113,00	117	65x6	8H7	92
72	113,75	114,59	118	80x6	10H7	94
73	115,35	116,18	121	80x6	10H7	96
74	116,95	117,77	121	80x6	10H7	96

z	Hub			Bore		
	d _K [mm]	d ₀ [mm]	d _B [mm]	d _N x l _N [mm]	d _V [mm]	d _{max} [mm]
75	118,55	119,37	123	80x6	10H7	98
76	120,15	120,96	125	80x6	10H7	100
77	121,75	122,55	128	80x6	10H7	102
78	123,35	124,14	128	80x6	10H7	104
79	124,90	125,73	131	80x6	10H7	104
80	126,50	127,32	131	80x6	10H7	106
81	128,10	128,92	134	80x6	10H7	108
82	129,70	130,51	134	80x6	10H7	110
83	131,30	132,10	137	80x6	10H7	110
84	132,90	133,69	137	80x6	10H7	112
85	134,45	135,28	140	80x6	10H7	114
86	136,05	136,87	142	80x6	10H7	116
87	137,65	138,46	142	80x6	10H7	119
88	139,25	140,06	144	80x6	10H7	119
89	140,85	141,65	147	80x6	10H7	120
90	142,45	143,24	147	80x6	10H7	120
91	144,00	144,83	150	90x6	12H7	122
92	145,60	146,42	150	90x6	12H7	124
93	147,20	148,01	153	90x6	12H7	126
94	148,80	149,61	153	90x6	12H7	126
95	150,40	151,20	156	90x6	12H7	129
96	152,00	152,79	156	90x6	12H7	130
97	153,55	154,38	158	90x6	12H7	130
98	155,15	155,97	160	90x6	12H7	132
99	156,75	157,56	163	90x6	12H7	132
100	158,35	159,15	163	90x6	12H7	134
101	159,95	160,75	166	95x6	12H7	136
102	161,55	162,34	166	95x6	12H7	139
103	163,15	163,93	169	95x6	12H7	140
104	164,70	165,52	169	95x6	12H7	140
105	166,30	167,11	171	95x6	12H7	140
106	167,90	168,70	172	95x6	12H7	142
107	169,50	170,30	174	95x6	12H7	146
108	171,10	171,89	176	95x6	12H7	146
109	172,70	173,48	179	110x6	16H7	148
110	174,25	175,07	179	110x6	16H7	150
111	175,85	176,66	180	110x6	16H7	150
112	177,45	178,25	182	110x6	16H7	152
113	179,05	179,85	185	110x6	16H7	152
114	180,65	181,44	185	110x6	16H7	152