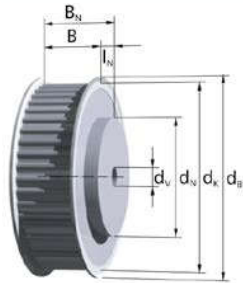
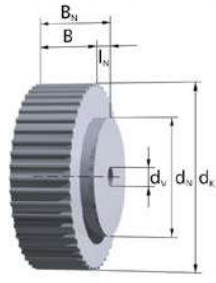


Timing pulleys T-Profile

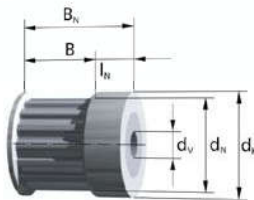
T 2.5



Stock pulleys up to $z = 40$ with flanges



Stock pulleys over $z = 48$ without flanges



Stock pulleys up to $z = 16$

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

Order example:

Pulley AL 20 T 2.5 / 30 - 2 Hub 16x6; 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:

d_v = Diameter pre-drilled.

Refer to page 14 for further ordering information.

Materials:

Pulley: AlCu4MgSi, RoHS-conformant
 Flange: Galvanized steel

Belt width	b [mm]	4	6	8	10	20
Pulley width	B [mm]	8	10	12	14	24
Total width	B_N [mm]	14	16	18	20	30

- 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	7,45	7,96	10	10x6	3H7	3
11	8,25	8,75	12	10x6	3H7	3
12	9,00	9,55	12	12x6	3H7	3
13	9,80	10,35	13	12x6	3H7	3,5
14	10,60	11,14	14	14x6	3H7	4
15	11,40	11,94	15	15x6	3H7	5
16	12,20	12,73	16	16x6	4H7	6
17	13,00	13,53	16	10x6	4H7	7
18	13,80	14,32	17	10x6	4H7	7
19	14,60	15,12	18	10x6	4H7	8

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	15,40	15,92	19	12x6	4H7	9
21	16,20	16,71	20	12x6	4H7	10
22	17,00	17,51	20	12x6	4H7	10
23	17,80	18,30	21	12x6	4H7	11
24	18,55	19,10	22	14x6	4H7	11
25	19,35	19,89	23	14x6	4H7	12
26	20,15	20,69	23	14x6	4H7	13
27	20,95	21,49	24	14x6	4H7	13
28	21,75	22,28	25	14x6	4H7	13
29	22,55	23,08	26	14x6	4H7	14
30	23,35	23,87	28	16x6	6H7	15
31	24,15	24,67	28	16x6	6H7	16
32	24,95	25,46	28	16x6	6H7	16
33	25,75	26,26	30	16x6	6H7	17
34	26,55	27,06	30	16x6	6H7	17

T 2.5

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	27,35	27,85	32	16x6	6H7	20
36	28,15	28,65	32	20x6	6H7	20
37	28,90	29,44	32	20x6	6H7	21
38	29,70	30,24	34	20x6	6H7	21
39	30,50	31,04	34	20x6	6H7	22
40	31,30	31,83	35	22x6	6H7	23
41	32,10	32,63	36	22x6	6H7	24
42	32,90	33,42	36	22x6	6H7	24
43	33,70	34,22	37	22x6	6H7	24
44	34,50	35,01	39	22x6	6H7	25
45	35,30	35,81	39	22x6	6H7	26
46	36,10	36,61	40	22x6	6H7	27
47	36,90	37,40	40	22x6	6H7	27
48	37,70	38,20	42	26x6	6H7	27
49	38,45	38,99	42	26x6	6H7	28
50	39,25	39,79	43	26x6	6H7	29
51	40,05	40,58	43	26x6	6H7	30
52	40,85	41,38	45	26x6	6H7	30
53	41,65	42,18	45	26x6	6H7	30
54	42,45	42,97	47	26x6	6H7	31
55	43,25	43,77	47	26x6	6H7	32
56	44,05	44,56	47	26x6	6H7	32
57	44,85	45,36	48	26x6	6H7	32
58	45,65	46,15	50	26x6	6H7	33
59	46,45	46,95	50	26x6	6H7	34
60	47,25	47,75	52	34x6	8H7	35
61	48,05	48,54	52	34x6	8H7	36
62	48,80	49,34	53	34x6	8H7	37
63	49,60	50,13	53	34x6	8H7	37
64	50,40	50,93	55	34x6	8H7	37
65	51,20	51,37	55	34x6	8H7	38
66	52,00	52,52	55	34x6	8H7	38
67	52,80	53,32	56	34x6	8H7	39
68	53,60	54,11	58	34x6	8H7	39
69	54,40	54,91	58	34x6	8H7	40
70	55,20	55,70	60	34x6	8H7	41
71	56,00	56,50	60	34x6	8H7	42
72	56,80	57,30	60	34x6	8H7	42
73	57,60	58,09	61	38x6	8H7	43
74	58,35	58,89	62	38x6	8H7	44

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	59,15	59,68	62	38x6	8H7	45
76	59,95	60,48	64	38x6	8H7	45
77	60,75	61,27	64	38x6	8H7	46
78	61,55	62,07	66	38x6	8H7	47
79	62,35	62,87	66	38x6	8H7	47
80	63,15	63,66	68	38x6	8H7	47
81	63,95	64,46	68	38x6	8H7	47
82	64,75	65,25	68	38x6	8H7	48
83	65,55	66,05	70	38x6	8H7	49
84	66,35	66,85	70	38x6	8H7	50
85	67,15	67,64	72	38x6	8H7	50
86	67,95	68,44	72	38x6	8H7	51
87	68,70	69,23	72	38x6	8H7	51
88	69,50	70,03	74	38x6	8H7	52
89	70,30	70,82	74	38x6	8H7	52
90	71,10	71,62	75	38x6	8H7	53
91	71,90	72,42	75	40x6	10H7	53
92	72,70	73,21	76	40x6	10H7	54
93	73,50	74,01	78	40x6	10H7	55
94	74,30	74,80	78	40x6	10H7	55
95	75,10	75,60	80	40x6	10H7	56
96	75,90	76,39	80	40x6	10H7	57
97	76,70	77,19	80	40x6	10H7	57
98	77,50	77,99	82	40x6	10H7	58
99	78,25	78,78	82	40x6	10H7	58
100	79,05	79,58	84	40x6	10H7	59
101	79,85	80,37	84	50x6	10H7	59
102	80,65	81,17	84	50x6	10H7	60
103	81,45	81,96	86	50x6	10H7	61
104	82,25	82,76	86	50x6	10H7	62
105	83,05	83,56	88	50x6	10H7	63
106	83,85	84,35	88	50x6	10H7	63
107	84,65	85,15	88	50x6	10H7	64
108	85,45	85,94	90	50x6	10H7	64
109	86,25	86,74	90	50x6	10H7	65
110	87,05	87,54	91	50x6	10H7	65
111	87,85	88,33	91	50x6	10H7	65
112	88,60	89,13	93	50x6	10H7	66
113	89,40	89,92	93	50x6	10H7	67
114	90,20	90,72	94	50x6	10H7	68