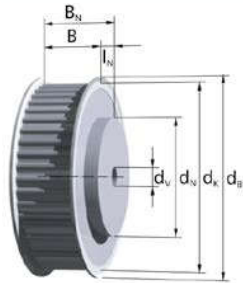
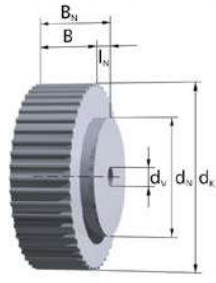


# Timing pulleys T-Profile

## T 2



Stock pulleys over  $z = 24$  with flanges



Stock pulleys up to  $z = 20$  without flanges

**Order example:**

Pulley AL 20 T 2 / 30 - 2 Hub 10x6; 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]	4	6	10
Pulley width	B [mm]	8	10	14
Total width	$B_N$ [mm]	14	16	20

**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]
15	9,00	9,55	13	-	3H7	3,5
16	9,64	10,19	13	-	3H7	3,5
17	10,27	10,82	14	-	3H7	4
18	10,91	11,46	14	-	3H7	4
19	11,55	12,10	15	-	3H7	5
20	12,18	12,73	15	-	3H7	5
21	12,82	13,37	16	-	3H7	6
22	13,46	14,01	16	-	3H7	6
23	14,09	14,64	18	-	3H7	8
24	14,73	15,28	18	10x6	3H7	8
25	15,37	15,92	19	10x6	3H7	9
26	16,00	16,55	19	10x6	3H7	9
27	16,64	17,19	20	10x6	3H7	10
28	17,28	17,83	20	10x6	3H7	10
29	17,91	18,46	22	10x6	3H7	11

z	Hub			Bore		
	$d_k$ [mm]	$d_0$ [mm]	$d_B$ [mm]	$d_N \times l_N$ [mm]	$d_v$ [mm]	$d_{max}$ [mm]
30	18,55	19,10	22	10x6	3H7	12
31	19,19	19,74	22	10x6	3H7	12
32	19,82	20,37	24	14x6	3H7	13
33	20,46	21,01	24	14x6	3H7	13
34	21,10	21,65	24	14x6	3H7	13
35	21,73	22,28	25	14x6	3H7	14
36	22,37	22,92	26	14x6	3H7	14
37	23,00	23,55	26	14x6	3H7	14
38	23,64	24,19	28	14x6	3H7	16
39	24,28	24,83	28	14x6	3H7	16
40	24,91	25,46	28	14x6	3H7	16
41	25,55	26,10	30	14x6	3H7	18
42	26,19	26,74	30	14x6	3H7	18
43	26,82	27,37	30	14x6	3H7	18
44	27,46	28,01	32	14x6	3H7	18

## T 2

z	Hub			Bore		
	d <sub>K</sub> [mm]	d <sub>0</sub> [mm]	d <sub>B</sub> [mm]	d <sub>N</sub> x l <sub>N</sub> [mm]	d <sub>V</sub> [mm]	d <sub>max</sub> [mm]
45	28,10	28,65	32	14x6	3H7	18
46	28,73	29,28	32	14x6	3H7	18
47	29,37	29,92	35	14x6	4H7	21
48	30,01	30,56	35	20x6	4H7	21
49	30,64	31,19	35	20x6	4H7	21
50	31,28	31,83	35	20x6	4H7	21
51	31,92	32,47	36	20x6	4H7	21
52	32,55	33,10	36	20x6	4H7	21
53	33,19	33,74	36	20x6	4H7	21
54	33,83	34,38	40	20x6	4H7	24
55	34,46	35,01	40	20x6	4H7	24
56	35,10	35,65	40	20x6	4H7	24
57	35,74	36,29	42	20x6	4H7	26
58	36,37	36,92	42	20x6	4H7	26
59	37,01	37,65	42	20x6	4H7	26
60	37,65	38,20	42	20x6	4H7	26
61	38,28	38,83	42	26x6	4H7	26
62	38,92	39,47	45	26x6	4H7	28
63	39,56	40,11	45	26x6	6H7	28
64	40,19	40,74	45	26x6	6H7	28
65	40,83	41,38	45	26x6	6H7	28
66	41,47	42,08	47	26x6	6H7	33
67	42,10	42,65	47	26x6	6H7	33
68	42,74	43,29	47	26x6	6H7	33
69	43,38	43,93	47	26x6	6H7	33
70	44,01	44,56	50	26x6	6H7	36
71	44,65	45,20	50	26x6	6H7	36
72	45,29	45,84	50	26x6	6H7	36
73	45,92	46,47	50	34x6	6H7	36
74	46,56	47,11	50	34x6	6H7	36
75	47,20	47,75	53	34x6	6H7	36
76	47,83	48,38	53	34x6	6H7	36
77	48,47	49,02	53	34x6	6H7	36
78	49,11	49,66	55	34x6	6H7	41
79	49,74	50,29	55	34x6	6H7	41

z	Hub			Bore		
	d <sub>K</sub> [mm]	d <sub>0</sub> [mm]	d <sub>B</sub> [mm]	d <sub>N</sub> x l <sub>N</sub> [mm]	d <sub>V</sub> [mm]	d <sub>max</sub> [mm]
80	50,38	50,93	55	34x6	6H7	41
81	51,02	51,57	55	34x6	6H7	41
82	51,65	52,20	56	34x6	6H7	42
83	52,29	52,84	56	34x6	6H7	42
84	52,93	53,48	58	34x6	6H7	44
85	53,56	54,11	58	34x6	6H7	44
86	54,20	54,75	58	34x6	6H7	44
87	54,84	55,39	60	34x6	6H7	46
88	55,47	56,02	60	34x6	6H7	46
89	56,11	56,66	61	34x6	8H7	47
90	56,75	57,30	62	34x6	8H7	48
91	57,38	57,93	62	38x6	8H7	48
92	58,02	58,57	62	38x6	8H7	48
93	58,66	59,21	64	38x6	8H7	50
94	59,29	59,84	64	38x6	8H7	50
95	59,93	60,48	64	38x6	8H7	50
96	60,57	61,12	66	38x6	8H7	51
97	61,20	61,75	66	38x6	8H7	51
98	61,84	62,39	66	38x6	8H7	52
99	62,48	63,03	68	38x6	8H7	53
100	63,11	63,66	68	38x6	8H7	54
101	63,75	64,30	70	38x6	8H7	56
102	64,39	64,94	70	38x6	8H7	56
103	65,02	65,57	70	38x6	8H7	56
104	65,66	66,21	72	38x6	8H7	58
105	66,30	66,85	72	38x6	8H7	58
106	66,93	67,48	72	38x6	8H7	58
107	67,57	68,12	72	38x6	8H7	58
108	68,20	68,75	74	38x6	8H7	60
109	68,84	69,39	74	38x6	8H7	60
110	69,48	70,03	75	38x6	8H7	61
111	70,11	70,66	75	38x6	8H7	61
112	70,75	71,30	75	38x6	8H7	61
113	71,39	71,94	76	40x6	10H7	62
114	72,02	72,57	78	40x6	10H7	62