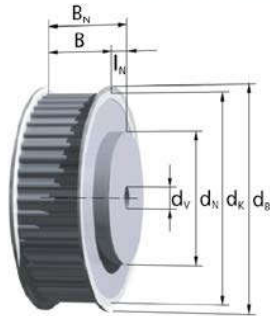
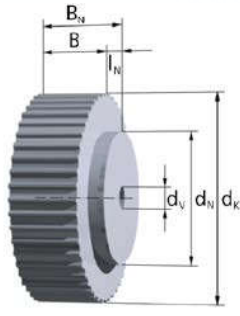


Timing pulleys Special Profiles

K 1.5

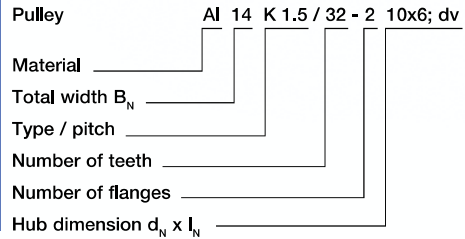


Stock pulleys over $z = 32$ with flanges



Stock pulleys up to $z = 24$ without flanges

Order example:



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

Material:

AlCu4MgSi, RoHS-conformant

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]
20	9,08	9,55	-	-	3H7	3,5
21	9,56	10,03	-	-	3H7	3,5
22	10,03	10,50	-	-	3H7	3,5
23	10,51	10,98	-	-	3H7	4
24	10,99	11,46	-	-	3H7	4
25	11,47	11,94	-	-	3H7	5
26	11,94	12,41	-	-	3H7	5
27	12,42	12,89	-	-	3H7	5
28	12,90	13,37	-	-	3H7	6
29	13,38	13,85	-	-	3H7	6

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	13,85	14,32	-	-	3H7	6
31	14,33	14,80	-	-	3H7	8
32	14,81	15,28	18	10x6	3H7	8
33	15,29	15,76	19	10x6	4H7	8
34	15,76	16,23	19	10x6	4H7	9
35	16,24	16,71	19	10x6	4H7	9
36	16,72	17,19	20	10x6	4H7	10
37	17,20	17,67	20	10x6	4H7	10
38	17,67	18,14	20	10x6	4H7	10
39	18,15	18,62	22	10x6	4H7	11
40	18,63	19,10	22	12x6	4H7	12
41	19,11	19,58	22	12x6	4H7	12
42	19,58	20,05	22	12x6	4H7	12
43	20,06	20,53	24	12x6	4H7	13
44	20,54	21,01	24	12x6	4H7	13

K 1.5

z	d _K [mm]	d ₀ [mm]	d _B [mm]	Hub		Bore	
				d _N x l _N [mm]	d _V [mm]	d _{max} [mm]	
45	21,02	21,49	24	12x6	4H7	13	
46	21,49	21,96	24	12x6	4H7	13	
47	21,97	22,44	25	12x6	4H7	14	
48	22,45	22,92	26	14x6	4H7	14	
49	22,93	23,40	26	14x6	4H7	14	
50	23,40	23,87	28	14x6	4H7	14	
51	23,88	24,35	28	14x6	4H7	16	
52	24,36	24,83	28	14x6	4H7	16	
53	24,84	25,31	28	14x6	4H7	16	
54	25,31	25,78	28	14x6	4H7	16	
55	25,79	26,26	30	14x6	4H7	18	
56	26,27	26,74	30	14x6	4H7	18	
57	26,75	27,22	30	14x6	4H7	18	
58	27,22	27,69	32	14x6	4H7	18	
59	27,70	28,17	32	14x6	4H7	18	
60	28,18	28,65	32	14x6	4H7	18	
61	28,66	29,13	32	14x6	4H7	18	
62	29,13	29,60	32	14x6	4H7	18	
63	29,61	30,08	35	14x6	4H7	18	
64	30,09	30,56	35	14x6	4H7	21	
65	30,57	31,04	35	16x6	4H7	21	
66	31,04	31,51	35	16x6	4H7	21	
67	31,52	31,99	35	16x6	4H7	21	
68	32,00	32,47	36	16x6	4H7	21	
69	32,48	32,95	36	16x6	4H7	21	
70	32,95	33,42	36	16x6	5H7	21	
71	33,43	33,90	36	16x6	5H7	21	
72	33,91	34,38	36	16x6	5H7	24	
73	34,38	34,85	40	16x6	5H7	24	
74	34,86	35,33	40	16x6	5H7	24	
75	35,34	35,81	40	20x6	5H7	24	
76	35,82	36,29	42	20x6	5H7	26	
77	36,29	36,76	42	20x6	5H7	26	
78	36,77	37,24	42	20x6	5H7	26	
79	37,25	37,72	42	20x6	5H7	26	

z	d _K [mm]	d ₀ [mm]	d _B [mm]	Hub		Bore	
				d _N x l _N [mm]	d _V [mm]	d _{max} [mm]	
80	37,73	38,20	42	20x6	5H7	26	
81	38,20	38,67	42	20x6	5H7	26	
82	38,68	39,15	42	20x6	5H7	26	
83	39,16	39,63	45	20x6	5H7	28	
84	39,64	40,11	45	20x6	5H7	28	
85	40,11	40,58	45	20x6	5H7	28	
86	40,59	41,06	45	20x6	5H7	28	
87	41,07	41,54	45	20x6	5H7	28	
88	41,55	42,02	47	20x6	5H7	33	
89	42,02	42,49	47	20x6	5H7	33	
90	42,50	42,97	47	24x6	5H7	33	
91	42,98	43,45	47	24x6	5H7	33	
92	43,46	43,93	47	24x6	5H7	33	
93	43,93	44,40	47	24x6	5H7	33	
94	44,41	44,88	50	24x6	5H7	36	
95	44,89	45,36	50	24x6	5H7	36	
96	45,37	45,84	50	24x6	5H7	36	
97	45,84	46,31	50	24x6	5H7	36	
98	46,32	46,79	50	24x6	5H7	36	
99	46,80	47,27	50	24x6	5H7	36	
100	47,28	47,75	53	30x6	6H7	36	
101	47,75	48,22	53	30x6	6H7	36	
102	48,23	48,70	53	30x6	6H7	36	
103	48,71	49,18	53	30x6	6H7	36	
104	49,19	49,66	53	30x6	6H7	41	
105	49,66	50,13	55	30x6	6H7	41	
106	50,14	50,61	55	30x6	6H7	41	
107	50,62	51,09	55	30x6	6H7	41	
108	51,10	51,57	55	30x6	6H7	41	
109	51,57	52,04	56	30x6	6H7	41	
110	52,05	52,52	56	30x6	6H7	42	
111	52,53	53,00	56	30x6	6H7	42	
112	53,01	53,48	58	30x6	6H7	44	
113	53,48	53,95	58	30x6	6H7	44	
114	53,96	54,43	58	30x6	6H7	44	