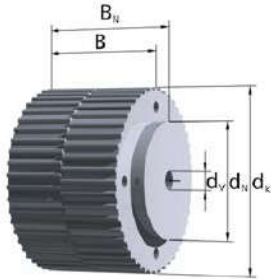


Timing pulleys self-tracking Profiles

SFAT 10



Order example:

Pulley AL 65 SFAT 10 / 40 Hub 80x10; dv
 Material _____
 Total width B_N _____
 Type / pitch _____
 Number of teeth _____
 Hub dimension d_N x l_N _____

Note for part code:

dv = Diameter pre-drilled.

Refer to page 14 for further ordering information.

Belt width	b [mm]	50	75	100
Pulley width	B [mm]	55	80	105
Total width	B _N [mm]	65	90	115

Material:

Pulley: AlCu4MgSi, RoHS-conformant

Other dimensions.

- z = Number of teeth
- d_k = Outside diameter
- d₀ = Pitch circle diameter
- d_N = Hub diameter
- l_N = Hub length
- d_B = Flange diameter
- 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 _N x l _N [mm]	d _V [mm]	d _{max} [mm]
15	45,93	47,75	32x10	8H7	17
16	49,11	50,93	35x10	8H7	20
17	52,29	54,11	40x10	8H7	24
18	55,48	57,30	40x10	10H7	27
19	58,66	60,48	44x10	10H7	30
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20	61,84	63,66	46x10	12H7	33
21	65,03	66,85	46x10	12H7	36
22	68,21	70,03	50x10	12H7	40
23	71,39	73,21	50x10	12H7	43
24	74,57	76,39	58x10	12H7	46
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25	77,76	79,58	60x10	12H7	49
26	80,94	82,76	60x10	12H7	52
27	84,12	85,94	60x10	12H7	55
28	87,31	89,13	60x10	12H7	59
29	90,49	92,31	60x10	12H7	62

z	Hub		Bore		
	d _k [mm]	d ₀ [mm]	d _N x l _N [mm]	d _V [mm]	d _{max} [mm]
30	93,67	95,49	60x10	12H7	65
31	96,86	98,68	60x10	12H7	68
32	100,04	101,86	65x10	12H7	71
33	103,22	105,04	65x10	12H7	75
34	106,41	108,23	65x10	12H7	78
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35	109,59	111,41	65x10	12H7	81
36	112,77	114,59	70x10	16H7	84
37	115,95	117,77	70x10	16H7	87
38	119,14	120,96	70x10	16H7	90
39	122,32	124,14	70x10	16H7	94
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40	125,50	127,32	80x10	16H7	97
41	128,69	130,51	80x10	16H7	100
42	131,87	133,69	80x10	16H7	103
43	135,05	136,87	80x10	16H7	106
44	138,24	140,06	90x10	16H7	110

SFAT 10

z	d _k [mm]	d ₀ [mm]	Hub	Bore	
			d _N x l _N [mm]	d _v [mm]	d _{max} [mm]
45	141,42	143,24	90x10	16H7	113
46	144,60	146,42	90x10	16H7	116
47	147,79	149,61	90x10	16H7	119
48	150,97	152,79	95x10	16H7	122
49	154,15	155,97	95x10	16H7	125
50	157,33	159,15	95x10	16H7	129
51	160,52	162,34	95x10	16H7	132
52	163,70	165,52	110x10	16H7	135
53	166,88	168,70	110x10	16H7	138
54	170,07	171,89	110x10	16H7	141
55	173,25	175,07	110x10	16H7	145
56	176,43	178,25	110x10	16H7	148
57	179,62	181,44	110x10	16H7	151
58	182,80	184,62	110x10	16H7	154
59	185,98	187,80	110x10	16H7	157
60	189,17	190,99	110x10	16H7	160
61	192,35	194,17	110x10	16H7	164
62	195,53	197,35	110x10	16H7	167
63	198,72	200,54	140x10	16H7	170
64	201,90	203,72	140x10	16H7	173
65	205,08	206,90	140x10	16H7	176
66	208,26	210,08	140x10	16H7	180
67	211,45	213,27	140x10	16H7	183
68	214,63	216,45	140x10	16H7	186
69	217,81	219,63	140x10	16H7	189
70	221,00	222,82	140x10	16H7	192
71	224,18	226,00	140x10	16H7	195
72	227,36	229,18	140x10	16H7	199
73	230,55	232,37	140x10	20H7	202
74	233,73	235,55	140x10	20H7	205
75	236,91	238,73	140x10	20H7	208
76	240,10	241,92	140x10	20H7	211
77	243,28	245,10	160x10	20H7	215
78	246,46	248,28	160x10	20H7	218
79	249,64	251,46	160x10	20H7	221

z	d _k [mm]	d ₀ [mm]	Hub	Bore	
			d _N x l _N [mm]	d _v [mm]	d _{max} [mm]
80	252,83	254,65	160x10	20H7	224
81	256,01	257,83	160x10	20H7	227
82	259,19	261,01	160x10	20H7	230
83	262,38	264,20	160x10	20H7	234
84	265,56	267,38	160x10	20H7	237
85	268,74	270,56	160x10	20H7	240
86	271,93	273,75	160x10	20H7	243
87	275,11	276,93	160x10	20H7	246
88	278,29	280,11	160x10	20H7	250
89	281,48	283,30	160x10	20H7	253
90	284,66	286,48	160x10	20H7	256
91	287,84	289,66	160x10	20H7	259
92	291,03	292,85	160x10	20H7	262
93	294,21	296,03	160x10	20H7	266
94	297,39	299,21	160x10	20H7	269
95	300,57	302,39	160x10	24H7	272
96	303,76	305,58	180x10	24H7	275
97	306,94	308,76	180x10	24H7	278
98	310,12	311,94	180x10	24H7	281
99	313,31	315,13	180x10	24H7	285
100	316,49	318,31	180x10	24H7	288
101	319,67	321,49	180x10	24H7	291
102	322,86	324,68	180x10	24H7	294
103	326,04	327,86	180x10	24H7	297
104	329,22	331,04	180x10	24H7	301
105	332,41	334,23	180x10	24H7	304
106	335,59	337,41	180x10	24H7	307
107	338,77	340,59	180x10	24H7	310
108	341,95	343,77	180x10	24H7	313
109	345,14	346,96	180x10	24H7	316
110	348,32	350,14	180x10	24H7	320
111	351,50	353,32	180x10	24H7	323
112	354,69	356,51	180x10	24H7	326
113	357,87	359,69	180x10	24H7	329
114	361,05	362,87	180x10	24H7	332