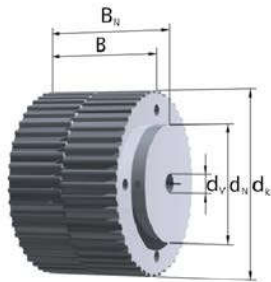


Timing pulleys self-tracking Profiles

SFAT 15



Order example:

Pulley AL 70 SFAT 15 / 40 Hub 110x10; dv
 Material _____
 Total width B_N _____
 Type / pitch _____
 Number of teeth _____
 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]	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
- d_o = 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_o [mm]	$d_N \times l_N$ [mm]	d_v [mm]	d_{max} [mm]
20	93,01	95,49	60x10	12H7	58
21	97,79	100,27	60x10	12H7	63
22	102,56	105,04	65x10	12H7	68
23	107,34	109,82	65x10	12H7	72
24	112,11	114,59	70x10	12H7	77
25	116,89	119,37	80x10	12H7	82
26	121,66	124,14	80x10	12H7	87
27	126,44	128,92	80x10	12H7	91
28	131,21	133,69	80x10	12H7	96
29	135,98	138,46	80x10	12H7	101

z	Hub		Bore		
	d_k [mm]	d_o [mm]	$d_N \times l_N$ [mm]	d_v [mm]	d_{max} [mm]
30	140,76	143,24	90x10	12H7	106
31	145,53	148,01	90x10	12H7	111
32	150,31	152,79	95x10	12H7	115
33	155,08	157,56	95x10	16H7	120
34	159,86	162,34	95x10	16H7	125
35	164,63	167,11	95x10	16H7	130
36	169,41	171,89	100x10	16H7	134
37	174,18	176,66	100x10	16H7	139
38	178,96	181,44	100x10	16H7	144
39	183,73	186,21	100x10	16H7	149
40	188,51	190,99	110x10	16H7	154
41	193,28	195,76	110x10	16H7	158
42	198,05	200,54	110x10	16H7	163
43	202,83	205,31	110x10	16H7	168
44	207,60	210,08	110x10	16H7	173

SFAT 15

z	d _k [mm]	d ₀ [mm]	Hub	Bore	
			d _N x l _N [mm]	d _v [mm]	d _{max} [mm]
45	212,38	214,86	110x10	16H7	177
46	217,15	219,63	140x10	16H7	182
47	221,93	224,41	140x10	16H7	187
48	226,70	229,18	140x10	16H7	192
49	231,48	233,96	140x10	16H7	196
50	236,25	238,73	140x10	16H7	201
51	241,03	243,51	140x10	16H7	206
52	245,80	248,28	140x10	16H7	211
53	250,58	253,06	160x10	16H7	216
54	255,35	257,83	160x10	16H7	220
55	260,13	262,61	160x10	16H7	225
56	264,90	267,38	160x10	16H7	230
57	269,67	272,15	160x10	16H7	235
58	274,45	276,93	160x10	16H7	239
59	279,22	281,70	160x10	16H7	244
60	284,00	286,48	160x10	16H7	249
61	288,77	291,25	160x10	16H7	254
62	293,55	296,03	160x10	16H7	259
63	298,32	300,80	160x10	16H7	263
64	303,10	305,58	160x10	16H7	268
65	307,87	310,35	160x10	16H7	273
66	312,65	315,13	160x10	16H7	278
67	317,42	319,90	160x10	16H7	282
68	322,20	324,68	160x10	16H7	287
69	326,97	329,45	160x10	16H7	292
70	331,74	334,23	160x10	16H7	297
71	336,52	339,00	160x10	16H7	302
72	341,29	343,77	160x10	16H7	306
73	346,07	348,55	160x10	20H7	311
74	350,84	353,32	160x10	20H7	316
75	355,62	358,10	160x10	20H7	321
76	360,39	362,87	160x10	20H7	325
77	365,17	367,65	160x10	20H7	330
78	369,94	372,42	160x10	20H7	335
79	374,72	377,20	160x10	20H7	340

z	d _k [mm]	d ₀ [mm]	Hub	Bore	
			d _N x l _N [mm]	d _v [mm]	d _{max} [mm]
80	379,49	381,97	160x10	20H7	344
81	384,27	386,75	160x10	20H7	349
82	389,04	391,52	160x10	20H7	354
83	393,81	396,30	160x10	20H7	359
84	398,59	401,07	160x10	20H7	364
85	403,36	405,85	200x10	20H7	368
86	408,14	410,62	200x10	20H7	373
87	412,91	415,39	200x10	20H7	378
88	417,69	420,17	200x10	20H7	383
89	422,46	424,94	200x10	20H7	387
90	427,24	429,72	200x10	20H7	392
91	432,01	434,49	200x10	20H7	397
92	436,79	439,27	200x10	20H7	402
93	441,56	444,04	200x10	20H7	407
94	446,34	448,82	200x10	20H7	411
95	451,11	453,59	200x10	20H7	416
96	455,89	458,37	200x10	20H7	421
97	460,66	463,14	200x10	30H7	426
98	465,43	467,92	200x10	30H7	430
99	470,21	472,69	200x10	30H7	435
100	474,98	477,46	200x10	30H7	440
101	479,76	482,24	200x10	30H7	445
102	484,53	487,01	200x10	30H7	450
103	489,31	491,79	200x10	30H7	454
104	494,08	496,56	200x10	30H7	459
105	498,86	501,34	200x10	30H7	464
106	503,63	506,11	200x10	30H7	469
107	508,41	510,89	200x10	30H7	473
108	513,18	515,66	200x10	30H7	478
109	517,96	520,44	200x10	30H7	483
110	522,73	525,21	200x10	30H7	488
111	527,50	529,99	200x10	30H7	493
112	532,28	534,76	200x10	30H7	497
113	537,05	539,54	200x10	30H7	502
114	541,83	544,31	200x10	30H7	507