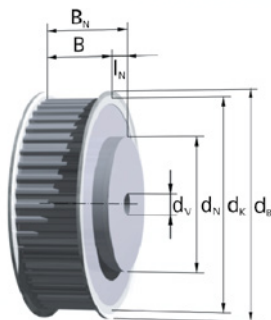


Timing pulleys ATP-Profile

ATP 10



Stock-Pulleys with flanges

Order example:

Pulley AL 50 ATP 10 / 60 - 0 Hub 110x10; 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]	16	25	32	50	75	100
Pulley width	B	[mm]	23	32	40	60	85	110
Total width	B_N	[mm]	33	42	50	70	95	120

Materials:

Pulley: AlZn5Mg3Cu

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_o = 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	d_k [mm]	d_o [mm]	d_B [mm]	Hub $d_N \times l_N$ [mm]	Bore d_v [mm]	d_{max} [mm]
15	46,15	47,95	52	32x10	8H7	19
16	49,33	51,13	55	35x10	8H7	23
17	52,51	54,31	58	40x10	10H7	26
18	55,70	57,50	61	40x10	10H7	29
19	58,88	60,68	64	44x10	10H7	32
20	62,06	63,86	68	46x10	12H7	34
21	65,25	67,05	72	46x10	12H7	35
22	68,43	70,23	74	50x10	12H7	39
23	71,61	73,41	78	50x10	12H7	42
24	74,79	76,59	80	58x10	12H7	45
25	77,98	79,78	84	60x10	12H7	48
26	81,16	82,96	87	60x10	12H7	51
27	84,34	86,14	90	60x10	12H7	55
28	87,53	89,33	93	60x10	12H7	58
29	90,71	92,51	96	60x10	12H7	61

z	d_k [mm]	d_o [mm]	d_B [mm]	Hub $d_N \times l_N$ [mm]	Bore d_v [mm]	d_{max} [mm]
30	93,89	95,49	99	60x10	12H7	64
31	97,08	98,68	102	60x10	12H7	67
32	100,26	101,86	105	65x10	12H7	71
33	103,44	105,04	109	65x10	12H7	74
34	106,63	108,23	112	65x10	12H7	77
35	109,81	111,41	115	65x10	12H7	80
36	112,99	114,59	118	70x10	16H7	83
37	116,17	117,77	121	70x10	16H7	86
38	119,36	120,96	125	70x10	16H7	90
39	122,54	124,14	128	70x10	16H7	93
40	125,72	127,32	131	80x10	16H7	96
41	128,91	130,51	134	80x10	16H7	99
42	132,09	133,69	137	80x10	16H7	102
43	135,27	136,87	140	80x10	16H7	104
44	138,46	140,06	144	90x10	16H7	109

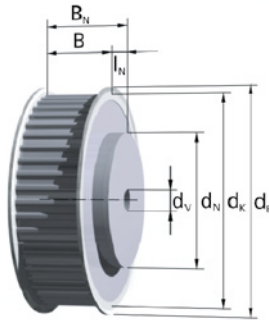
ATP 10

z	Hub			Bore		
	d _K [mm]	d ₀ [mm]	d _B [mm]	d _N x l _N [mm]	d _V [mm]	d _{max} [mm]
45	141,64	143,24	147	90x10	16H7	112
46	144,82	146,42	150	90x10	16H7	115
47	148,01	149,61	153	90x10	16H7	118
48	151,19	152,79	156	95x10	16H7	121
49	154,37	155,97	160	95x10	16H7	125
50	157,56	159,15	163	95x10	16H7	128
51	160,74	162,34	166	95x10	16H7	132
52	163,92	165,52	169	95x10	16H7	134
53	167,10	168,70	172	95x10	16H7	137
54	170,29	171,89	176	110x10	16H7	141
55	173,47	175,07	179	110x10	16H7	144
56	176,65	178,25	182	110x10	16H7	147
57	179,84	181,44	185	110x10	16H7	150
58	183,02	184,62	188	110x10	16H7	153
59	186,20	187,80	191	110x10	16H7	156
60	189,39	190,99	195	110x10	16H7	160
61	192,57	194,17	198	110x10	16H7	163
62	195,75	197,35	201	110x10	16H7	166
63	198,94	200,54	204	140x10	16H7	169
64	202,12	203,72	207	140x10	16H7	172
65	205,30	206,90	210	140x10	16H7	176
66	208,48	210,08	214	140x10	16H7	179
67	211,67	213,27	217	140x10	16H7	182
68	214,85	216,45	220	140x10	16H7	185
69	218,03	219,63	223	140x10	16H7	188
70	221,22	222,82	226	140x10	16H7	191
71	224,40	226,00	230	140x10	16H7	196
72	227,58	229,18	233	140x10	16H7	198
73	230,77	232,37	236	140x10	16H7	201
74	233,95	235,55	239	140x10	20H7	204
75	237,13	238,73	242	140x10	20H7	207
76	240,32	241,92	246	140x10	20H7	211
77	243,50	245,10	249	160x10	20H7	214
78	246,68	248,28	252	160x10	20H7	217
79	249,87	251,46	255	160x10	20H7	220

z	Hub			Bore		
	d _K [mm]	d ₀ [mm]	d _B [mm]	d _N x l _N [mm]	d _V [mm]	d _{max} [mm]
80	253,05	254,65	258	160x10	20H7	223
81	256,23	257,83	262	160x10	20H7	226
82	259,41	261,01	265	160x10	20H7	230
83	262,60	264,20	268	160x10	20H7	233
84	265,78	267,38	271	160x10	20H7	236
85	268,96	270,56	274	160x10	20H7	239
86	272,15	273,75	277	160x10	20H7	242
87	275,33	276,93	281	160x10	20H7	245
88	278,51	280,11	284	160x10	20H7	249
89	281,70	283,30	287	160x10	20H7	252
90	284,88	286,48	290	160x10	20H7	255
91	288,06	289,66	293	160x10	20H7	258
92	291,25	292,85	296	160x10	20H7	261
93	294,43	296,03	300	160x10	20H7	263
94	297,61	299,21	302	160x10	20H7	268
95	300,79	302,39	306	160x10	24H7	271
96	303,98	305,58	310	180x10	24H7	274
97	307,16	308,76	312	180x10	24H7	277
98	310,34	311,94	315	180x10	24H7	281
99	313,53	315,13	318	180x10	24H7	284
100	316,71	318,31	322	180x10	24H7	287
101	319,89	321,49	325	180x10	24H7	290
102	323,08	324,68	329	180x10	24H7	293
103	326,26	327,86	332	180x10	24H7	297
104	329,44	331,04	335	180x10	24H7	300
105	332,63	334,23	338	180x10	24H7	303
106	335,81	337,41	341	180x10	24H7	306
107	338,99	340,59	344	180x10	24H7	309
108	342,17	343,77	348	180x10	24H7	312
109	345,36	346,96	351	180x10	24H7	316
110	348,54	350,14	354	180x10	24H7	319
111	351,72	353,32	357	180x10	24H7	322
112	354,91	356,51	360	180x10	24H7	325
113	358,09	359,69	363	180x10	24H7	328
114	361,27	362,87	367	180x10	24H7	332

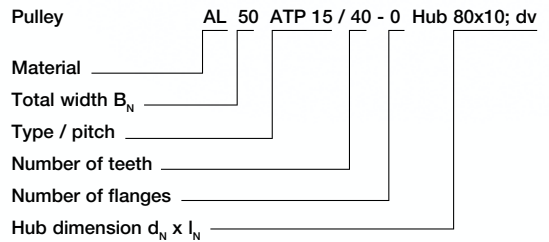
Timing pulleys ATP-Profile

ATP 15



Stock-Pulleys with flanges

Order example:



Note for part code:

dv = Diameter pre-drilled.

Refer to page 14 for further ordering information.

Belt width	b [mm]	25	32	50	75	100	150
Pulley width	B [mm]	32	40	60	85	110	160
Total width	B_N [mm]	42	50	70	95	120	170

Materials:

Pulley: AlZn5Mg3Cu
 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_o = 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_o [mm]	d_B [mm]	$d_N \times l_N$ [mm]	d_v [mm]	d_{max} [mm]
20	93,39	95,49	100	46x10	12H7	64
21	98,17	100,27	106	46x10	12H7	71
22	102,94	105,04	109	50x10	12H7	74
23	107,72	109,82	115	50x10	12H7	77
24	112,49	114,59	118	50x10	12H7	83
25	117,27	119,37	125	50x10	12H7	90
26	122,04	124,14	128	50x10	12H7	93
27	126,82	128,92	134	50x10	12H7	99
28	131,59	133,69	137	58x10	12H7	102
29	136,36	138,46	144	58x10	12H7	109

z	Hub			Bore		
	d_k [mm]	d_o [mm]	d_B [mm]	$d_N \times l_N$ [mm]	d_v [mm]	d_{max} [mm]
30	141,14	143,24	147	60x10	12H7	112
31	145,91	148,01	153	60x10	12H7	118
32	150,69	152,79	156	65x10	12H7	121
33	155,46	157,56	163	65x10	12H7	128
34	160,24	162,34	166	65x10	16H7	131
35	165,01	167,11	172	65x10	16H7	137
36	169,79	171,89	176	70x10	16H7	141
37	174,56	176,66	182	70x10	16H7	147
38	179,34	181,44	185	70x10	16H7	150
39	184,11	186,21	191	70x10	16H7	156
40	188,89	190,99	195	80x10	16H7	160
41	193,66	195,76	201	110x10	16H7	166
42	198,44	200,54	204	110x10	16H7	169
43	203,21	205,31	210	140x10	16H7	176
44	207,98	210,08	214	140x10	16H7	179

ATP 15

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	212,76	214,86	220	140x10	16H7	185	
46	217,53	219,63	223	140x10	16H7	188	
47	222,31	224,41	230	140x10	16H7	195	
48	227,08	229,18	234	140x10	16H7	198	
49	231,86	233,96	239	140x10	16H7	204	
50	236,63	238,73	242	140x10	16H7	207	
51	241,41	243,51	249	140x10	16H7	214	
52	246,18	248,28	252	140x10	16H7	217	
53	250,96	253,06	258	160x10	20H7	223	
54	255,73	257,83	262	160x10	20H7	226	
55	260,51	262,61	268	160x10	20H7	233	
56	265,28	267,38	271	160x10	20H7	236	
57	270,05	272,15	277	160x10	20H7	242	
58	274,83	276,93	281	160x10	20H7	245	
59	279,60	281,70	287	160x10	20H7	252	
60	284,38	286,48	290	160x10	20H7	255	
61	289,15	291,25	296	160x10	20H7	261	
62	293,93	296,03	300	160x10	20H7	265	
63	298,70	300,80	306	160x10	20H7	271	
64	303,48	305,58	310	160x10	24H7	274	
65	308,25	310,35	315	160x10	24H7	281	
66	313,03	315,13	319	160x10	24H7	284	
67	317,80	319,90	325	160x10	24H7	290	
68	322,58	324,68	329	160x10	24H7	293	
69	327,35	329,45	335	160x10	24H7	300	
70	332,13	334,23	338	160x10	24H7	303	
71	336,90	339,00	344	160x10	24H7	309	
72	341,67	343,77	348	160x10	24H7	314	
73	346,45	348,55	354	160x10	24H7	319	
74	351,22	353,32	357	160x10	24H7	322	
75	356,00	358,10	363	160x10	24H7	328	
76	360,77	362,87	367	160x10	24H7	332	
77	365,55	367,65	372	160x10	24H7	334	
78	370,32	372,42	377	160x10	24H7	339	
79	375,10	377,20	382	160x10	24H7	344	

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	379,87	381,97	386	160x10	24H7	348	
81	384,65	386,75	391	160x10	24H7	353	
82	389,42	391,52	396	160x10	24H7	358	
83	394,20	396,30	401	160x10	24H7	363	
84	398,97	401,07	405	160x10	24H7	367	
85	403,75	405,85	410	200x10	30H7	372	
86	408,52	410,62	415	200x10	30H7	377	
87	413,29	415,39	420	200x10	30H7	382	
88	418,07	420,17	425	200x10	30H7	387	
89	422,84	424,94	429	200x10	30H7	391	
90	427,62	429,72	434	200x10	30H7	396	
91	432,39	434,49	440	200x10	30H7	401	
92	437,17	439,27	444	200x10	30H7	406	
93	441,94	444,04	448	200x10	30H7	410	
94	446,72	448,82	453	200x10	30H7	415	
95	451,49	453,59	459	200x10	30H7	420	
96	456,27	458,37	463	200x10	30H7	425	
97	461,04	463,14	468	200x10	30H7	430	
98	465,82	467,92	472	200x10	30H7	434	
99	470,59	472,69	478	200x10	30H7	439	
100	475,36	477,46	482	200x10	30H7	444	
101	480,14	482,24	487	200x10	30H7	449	
102	484,91	487,01	491	200x10	30H7	453	
103	489,69	491,97	497	200x10	30H7	458	
104	494,46	496,56	501	200x10	30H7	463	
105	499,24	501,34	506	200x10	30H7	468	
106	504,01	506,11	511	200x10	30H7	473	
107	508,79	510,89	516	200x10	30H7	477	
108	513,56	515,66	520	200x10	30H7	482	
109	518,34	520,44	525	200x10	30H7	487	
110	523,11	525,21	530	200x10	30H7	492	
111	527,89	529,99	535	200x10	30H7	496	
112	532,66	534,76	539	200x10	30H7	501	
113	537,44	539,54	544	200x10	30H7	506	
114	542,21	544,31	549	200x10	30H7	512	