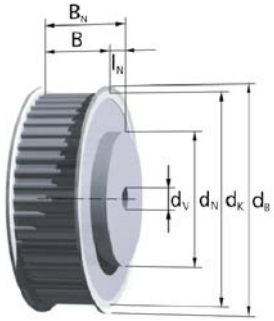
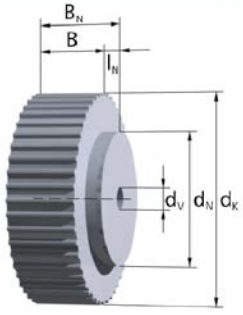
Timing pulleys AT-Profile

AT 3



Stock pulleys up to
z = 40 with flanges



Stock pulleys over
z = 44 without flanges

Order example:

Timing pulley AL 28 AT 3 / 60 - 0 Hub 38x6; dv

- Material
- Total width B_N
- Type / pitch
- Number of teeth
- Number of flanges
- 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]	6	10	16	25	32
Pulley width	B	[mm]	10	15	22	32	40
Total width	B_N	[mm]	16	21	28	38	46

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	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
15	13,91	14,32	17	10x6	4H7	4
16	14,87	15,28	18	10x6	4H7	5
17	15,82	16,23	19	10x6	4H7	6
18	16,78	17,19	21	12x6	4H7	7
19	17,73	18,14	23	12x6	4H7	8
20	18,69	19,10	24	14x6	4H7	9
21	19,64	20,05	25	14x6	6H7	10
22	20,60	21,01	26	14x6	6H7	11
23	21,55	21,96	26	14x6	6H7	12
24	22,51	22,92	28	14x6	6H7	13
25	23,46	23,87	30	16x6	6H7	14
26	24,42	24,83	30	16x6	6H7	15
27	25,37	25,78	30	16x6	6H7	15
28	26,33	26,74	32	16x6	6H7	16
29	27,28	27,69	34	16x6	6H7	17

z	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
30	28,24	28,65	34	20x6	6H7	18
31	29,19	29,60	35	20x6	6H7	19
32	30,15	30,56	36	20x6	6H7	20
33	31,10	31,51	36	20x6	6H7	21
34	32,06	32,47	37	20x6	6H7	22
35	33,01	33,42	39	20x6	6H7	23
36	33,97	34,38	40	22x6	6H7	24
37	34,92	35,33	40	22x6	6H7	25
38	35,88	36,29	42	22x6	6H7	26
39	36,83	37,24	42	22x6	6H7	27
40	37,79	38,20	43	26x6	6H7	28
41	38,74	39,15	45	26x6	6H7	29
42	39,70	40,11	45	26x6	6H7	30
43	40,65	41,06	47	26x6	6H7	31
44	41,61	42,02	47	30x6	6H7	32

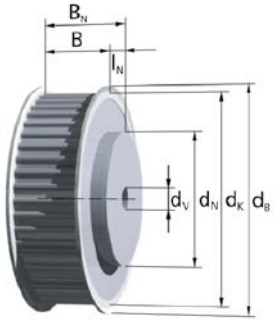
AT 3

z	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
45	42,56	42,97	48	30x6	6H7	33
46	43,52	43,93	50	30x6	6H7	34
47	44,47	44,88	50	30x6	6H7	35
48	45,43	45,84	52	34x6	6H7	36
49	46,38	46,79	52	34x6	6H7	36
50	47,34	47,75	53	34x6	6H7	37
51	48,29	48,70	53	34x6	6H7	38
52	49,25	49,66	55	34x6	6H7	39
53	50,20	50,61	55	34x6	6H7	40
54	51,16	51,57	56	34x6	6H7	41
55	52,11	52,52	58	34x6	6H7	42
56	53,07	53,48	58	34x6	6H7	43
57	54,02	54,43	60	34x6	6H7	44
58	54,98	55,39	60	34x6	6H7	45
59	55,93	56,34	61	34x6	6H7	46
60	56,89	57,30	62	38x6	6H7	47
61	57,84	58,25	64	38x6	6H7	48
62	58,80	59,21	64	38x6	6H7	49
63	59,75	60,16	66	38x6	6H7	50
64	60,71	61,12	66	38x6	6H7	51
65	61,66	62,07	68	38x6	6H7	52
66	62,62	63,03	68	38x6	6H7	53
67	63,57	63,98	70	38x6	6H7	54
68	64,53	64,94	70	38x6	6H7	55
69	65,48	65,89	72	38x6	6H7	56
70	66,44	66,85	72	38x6	6H7	57
71	67,39	67,80	74	38x6	6H7	58
72	68,34	68,75	74	50x6	6H7	58
73	69,30	69,71	74	50x6	8H7	59
74	70,25	70,66	75	50x6	8H7	60
75	71,21	71,62	76	50x6	8H7	61
76	72,16	72,57	78	50x6	8H7	62
77	73,12	73,53	78	50x6	8H7	63
78	74,07	74,48	80	50x6	8H7	64
79	75,03	75,44	80	50x6	8H7	65

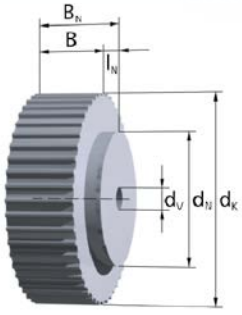
z	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
80	75,98	76,39	82	50x6	8H7	66
81	76,94	77,35	82	50x6	8H7	67
82	77,89	78,30	84	50x6	8H7	68
83	78,85	79,26	84	50x6	8H7	69
84	79,80	80,21	86	50x6	8H7	70
85	80,76	81,17	86	50x6	8H7	71
86	81,71	82,12	88	50x6	8H7	72
87	82,67	83,08	88	50x6	8H7	73
88	83,62	84,03	90	50x6	8H7	74
89	84,58	84,99	90	50x6	8H7	75
90	85,53	85,94	91	50x6	8H7	76
91	86,49	86,90	93	65x6	8H7	77
92	87,44	87,85	93	65x6	8H7	78
93	88,40	88,81	94	65x6	8H7	79
94	89,35	89,76	94	65x6	8H7	79
95	90,31	90,72	96	65x6	8H7	80
96	91,26	91,67	96	65x6	8H7	81
97	92,22	92,63	96	65x6	8H7	82
98	93,17	93,58	99	65x6	8H7	83
99	94,13	94,54	99	65x6	8H7	84
100	95,08	95,49	100	65x6	8H7	85
101	96,04	96,45	100	65x6	8H7	86
102	96,99	97,40	102	65x6	8H7	87
103	97,95	98,36	102	65x6	8H7	88
104	98,90	99,31	104	65x6	8H7	89
105	99,86	100,27	104	65x6	8H7	90
106	100,81	101,22	104	65x6	10H7	91
107	101,77	102,18	106	65x6	10H7	92
108	102,72	103,13	106	65x6	10H7	93
109	103,68	104,09	108	65x6	10H7	94
110	104,63	105,04	108	65x6	10H7	95
111	105,59	106,00	110	65x6	10H7	96
112	106,54	106,95	110	65x6	10H7	97
113	107,50	107,91	112	65x6	10H7	98
114	108,45	108,86	112	65x6	10H7	99

Timing pulleys AT-Profile

AT 5



Stock pulleys up to z = 44 with flanges



Stock pulleys over z = 48 without flanges

Order example:

Pulley AL 28 AT 5 / 60 - 0 Hub 65x6; dv

- Material
- Total width B_N
- Type / pitch
- Number of teeth
- Number of flanges
- 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]	10	16	25	32	50	75	100
Pulley width	B	[mm]	16	22	32	40	60	85	110
Total width	B_N	[mm]	22	28	38	46	66	90	115

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	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
15	22,65	23,87	28	16x6	6H7	10
16	24,24	25,46	30	18x6	6H7	12
17	25,84	27,06	32	18x6	6H7	14
18	27,43	28,65	34	20x6	6H7	16
19	29,02	30,24	35	22x6	6H7	16
20	30,61	31,83	36	24x6	6H7	18
21	32,20	33,42	37	24x6	6H7	20
22	33,79	35,01	39	24x6	6H7	22
23	35,39	36,61	40	24x6	8H7	24
24	36,98	38,20	42	26x6	8H7	24
25	38,57	39,79	43	26x6	8H7	25
26	40,16	41,38	45	26x6	8H7	25
27	41,75	42,97	47	30x6	8H7	27
28	43,34	44,56	48	30x6	8H7	29
29	44,93	46,15	50	30x6	8H7	31

z	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
30	46,53	47,75	52	34x6	8H7	33
31	48,12	49,34	53	34x6	8H7	35
32	49,71	50,93	55	38x6	8H7	37
33	51,30	52,52	56	38x6	8H7	39
34	52,89	54,11	58	38x6	8H7	39
35	54,48	55,70	60	38x6	8H7	40
36	56,08	57,30	61	38x6	8H7	42
37	57,67	58,89	62	38x6	8H7	43
38	59,26	60,48	64	38x6	8H7	45
39	60,85	62,07	66	38x6	8H7	45
40	62,44	63,66	68	40x6	8H7	47
41	64,03	65,25	70	40x6	8H7	48
42	65,63	66,85	72	40x6	8H7	50
43	67,22	68,44	72	40x6	8H7	52
44	68,81	70,03	74	50x6	8H7	52

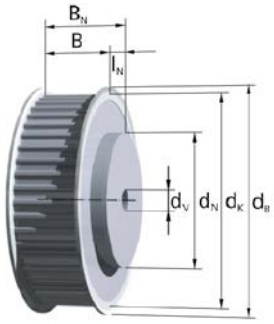
AT 5

z	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
45	70,40	71,62	75	50x6	8H7	54
46	71,99	73,21	76	50x6	8H7	56
47	73,58	74,80	78	50x6	8H7	58
48	75,17	76,39	80	50x6	8H7	60
49	76,77	77,99	82	50x6	8H7	60
50	78,36	79,58	84	50x6	8H7	60
51	79,95	81,17	86	50x6	8H7	62
52	81,54	82,76	86	50x6	8H7	64
53	83,13	84,35	88	50x6	8H7	66
54	84,72	85,94	90	50x6	8H7	66
55	86,32	87,54	91	50x6	8H7	68
56	87,91	89,13	93	50x6	8H7	70
57	89,50	90,72	94	50x6	8H7	72
58	91,09	92,31	96	50x6	8H7	74
59	92,68	93,90	99	50x6	8H7	74
60	94,27	95,49	99	65x6	8H7	76
61	95,86	97,08	100	65x6	8H7	79
62	97,46	98,68	102	65x6	8H7	80
63	99,05	100,27	104	65x6	8H7	82
64	100,64	101,86	105	65x6	8H7	82
65	102,23	103,45	107	65x6	8H7	84
66	103,82	105,04	109	65x6	8H7	86
67	105,41	106,63	112	65x6	8H7	88
68	107,01	108,23	112	65x6	8H7	90
69	108,60	109,82	115	65x6	8H7	90
70	110,19	111,41	115	65x6	8H7	90
71	111,78	113,00	117	65x6	8H7	92
72	113,37	114,59	118	80x6	8H7	94
73	114,96	116,18	121	80x6	10H7	96
74	116,55	117,77	121	80x6	10H7	96
75	118,15	119,37	123	80x6	10H7	98
76	119,74	120,96	125	80x6	10H7	100
77	121,33	122,55	128	80x6	10H7	102
78	122,92	124,14	128	80x6	10H7	104
79	124,51	125,73	131	80x6	10H7	104

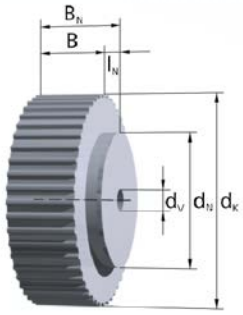
z	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
80	126,10	127,32	131	80x6	10H7	106
81	127,70	128,92	134	80x6	10H7	108
82	129,29	130,51	134	80x6	10H7	110
83	130,88	132,10	137	80x6	10H7	110
84	132,47	133,69	137	80x6	10H7	112
85	134,06	135,28	140	80x6	10H7	114
86	135,65	136,87	142	80x6	10H7	116
87	137,24	138,46	142	80x6	10H7	119
88	138,84	140,06	144	80x6	10H7	119
89	140,43	141,65	147	80x6	10H7	120
90	142,02	143,24	147	80x6	10H7	120
91	143,61	144,83	150	90x6	10H7	122
92	145,20	146,42	150	90x6	10H7	124
93	146,79	148,01	153	90x6	10H7	126
94	148,39	149,61	153	90x6	10H7	126
95	149,98	151,20	156	90x6	10H7	129
96	151,57	152,79	156	90x6	10H7	130
97	153,16	154,38	158	90x6	10H7	130
98	154,75	155,97	160	90x6	10H7	132
99	156,34	157,56	163	90x6	10H7	132
100	157,93	159,15	163	90x6	10H7	134
101	159,53	160,75	166	95x6	12H7	136
102	161,12	162,34	166	95x6	12H7	139
103	162,71	163,93	169	95x6	12H7	140
104	164,30	165,52	169	95x6	12H7	140
105	165,89	167,11	171	95x6	12H7	140
106	167,48	168,70	172	95x6	12H7	142
107	169,08	170,30	174	95x6	12H7	146
108	170,67	171,89	176	95x6	12H7	146
109	172,26	173,48	179	110x6	12H7	148
110	173,85	175,07	179	110x6	12H7	150
111	175,44	176,66	180	110x6	12H7	150
112	177,03	178,25	182	110x6	12H7	152
113	178,63	179,85	185	110x6	12H7	152
114	180,22	181,44	185	110x6	12H7	152

Timing pulleys AT-Profile

AT 10 (Also for ATN 10-toothed belt)



Stock pulleys up to
z = 44 with flanges



Stock pulleys over
z = 48 without flanges

Order example:

Pulley AL 70 AT 10 / 60 - 0 Hub 110x10; dv

- Material
- Total width B_N
- Type / pitch
- Number of teeth
- Number of flanges
- 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]	16	25	32	50	75	100	150
Pulley width	B	[mm]	23	32	40	60	85	110	160
Width für ATN-System	B	[mm]	-	32	-	60	85	110	-
Total width	B_N	[mm]	33	42	50	70	95	120	170

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	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
15	45,93	47,75	52	32x10	8H7	34
16	49,11	50,93	55	35x10	8H7	36
17	52,29	54,11	58	40x10	8H7	40
18	55,48	57,30	61	40x10	8H7	44
19	58,66	60,48	64	44x10	8H7	46
20	61,84	63,66	68	46x10	12H7	50
21	65,03	66,85	72	46x10	12H7	52
22	68,21	70,03	74	50x10	12H7	56
23	71,39	73,21	76	50x10	12H7	60
24	74,57	76,39	80	58x10	12H7	62
25	77,76	79,58	84	60x10	12H7	66
26	80,94	82,76	86	60x10	12H7	68
27	84,12	85,94	90	60x10	12H7	72
28	87,31	89,13	93	60x10	12H7	76
29	90,49	92,31	96	60x10	12H7	78

z	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
30	93,67	95,49	99	60x10	12H7	82
31	96,86	98,68	102	60x10	12H7	84
32	100,04	101,86	106	65x10	12H7	88
33	103,22	105,04	109	65x10	12H7	88
34	106,41	108,23	112	65x10	12H7	92
35	109,59	111,41	115	65x10	12H7	96
36	112,77	114,59	118	70x10	16H7	98
37	115,95	117,77	121	70x10	16H7	101
38	119,14	120,96	125	70x10	16H7	104
39	122,32	124,14	128	70x10	16H7	106
40	125,50	127,32	131	80x10	16H7	110
41	128,69	130,51	134	80x10	16H7	110
42	131,87	133,69	137	80x10	16H7	112
43	135,05	136,87	140	80x10	16H7	114
44	138,24	140,06	144	90x10	16H7	118

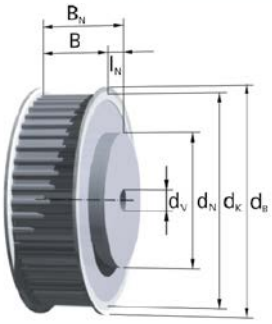
AT 10 (Also for ATN 10-toothed belt)

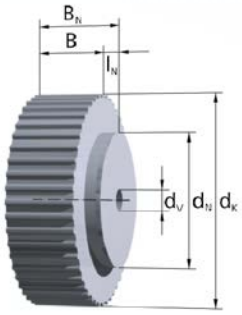
z	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
45	141,42	143,24	147	90x10	16H7	120
46	144,60	146,42	150	90x10	16H7	122
47	147,79	149,61	153	90x10	16H7	122
48	150,97	152,79	156	95x10	16H7	124
49	154,15	155,97	160	95x10	16H7	126
50	157,33	159,15	163	95x10	16H7	130
51	160,52	162,34	166	95x10	16H7	134
52	163,70	165,52	169	110x10	16H7	136
53	166,88	168,70	172	110x10	16H7	140
54	170,07	171,89	176	110x10	16H7	144
55	173,25	175,07	179	110x10	16H7	146
56	176,43	178,25	182	110x10	16H7	150
57	179,62	181,44	185	110x10	16H7	152
58	182,80	184,62	188	110x10	16H7	156
59	185,98	187,80	191	110x10	16H7	160
60	189,17	190,99	195	110x10	16H7	162
61	192,35	194,17	198	110x10	16H7	164
62	195,53	197,35	201	110x10	16H7	166
63	198,72	200,54	204	140x10	16H7	170
64	201,90	203,72	207	140x10	16H7	171
65	205,08	206,90	210	140x10	16H7	174
66	208,26	210,08	214	140x10	16H7	175
67	211,45	213,27	217	140x10	16H7	177
68	214,63	216,45	220	140x10	16H7	181
69	217,81	219,63	223	140x10	16H7	185
70	221,00	222,82	226	140x10	16H7	187
71	224,18	226,00	230	140x10	16H7	191
72	227,36	229,18	233	140x10	20H7	193
73	230,55	232,37	236	140x10	20H7	197
74	233,73	235,55	239	140x10	20H7	201
75	236,91	238,73	242	140x10	20H7	203
76	240,10	241,92	246	140x10	20H7	207
77	243,28	245,10	249	160x10	20H7	209
78	246,46	248,28	252	160x10	20H7	213
79	249,64	251,46	255	160x10	20H7	215

z	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
80	252,83	254,65	258	160x10	20H7	219
81	256,01	257,83	262	160x10	20H7	223
82	259,19	261,01	265	160x10	20H7	225
83	262,38	264,20	268	160x10	20H7	229
84	265,56	267,38	271	160x10	20H7	231
85	268,74	270,56	274	160x10	20H7	235
86	271,93	273,75	277	160x10	20H7	239
87	275,11	276,93	281	160x10	20H7	241
88	278,29	280,11	284	160x10	20H7	245
89	281,48	283,30	287	160x10	20H7	247
90	284,66	286,48	290	160x10	20H7	251
91	287,84	289,66	293	160x10	20H7	255
92	291,03	292,85	296	160x10	20H7	257
93	294,21	296,03	299	160x10	20H7	261
94	297,39	299,21	302	160x10	20H7	263
95	300,57	302,39	306	160x10	24H7	267
96	303,76	305,58	310	180x10	24H7	269
97	306,94	308,76	312	180x10	24H7	273
98	310,12	311,94	315	180x10	24H7	279
99	313,31	315,13	318	180x10	24H7	283
100	316,49	318,31	322	180x10	24H7	285
101	319,67	321,49	325	180x10	24H7	289
102	322,86	324,68	329	180x10	24H7	293
103	326,04	327,86	332	180x10	24H7	295
104	329,22	331,04	335	180x10	24H7	299
105	332,41	334,23	338	180x10	24H7	301
106	335,59	337,41	341	180x10	24H7	305
107	338,77	340,59	344	180x10	24H7	309
108	341,95	343,77	348	180x10	24H7	311
109	345,14	346,96	351	180x10	24H7	315
110	348,32	350,14	354	180x10	24H7	317
111	351,50	353,32	357	180x10	24H7	321
112	354,69	356,51	360	180x10	24H7	323
113	357,87	359,69	363	180x10	24H7	327
114	361,05	362,87	367	180x10	24H7	330

Timing pulleys AT-Profile

AT 20 (Also for ATN toothed belt)





Order example:

Pulley AL 70 AT 20 / 60 - 0 Hub 140x10; dv

- Material
- Total width B_N
- Type / pitch
- Number of teeth
- Number of flanges
- 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]	32	50	75	100
Pulley width	B	[mm]	40	60	85	110
Width für ATN-System	B	[mm]	-	60	85	110
Total width	B_N	[mm]	50	70	95	120

Materials:
Pulley: AlCu4MgSi, RoHS-conformant
Flange: Galvanized steel, screwed

In-between widths and larger widths are available (not with ATN toothed belts).
Other dimensions.

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	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
18	111,77	114,59	121	70x10	12H7	86
19	118,14	120,96	128	80x10	12H7	93
20	124,50	127,32	134	90x10	16H7	100
21	130,87	133,69	140	90x10	16H7	105
22	137,24	140,06	147	90x10	16H7	112
23	143,60	146,42	153	90x10	16H7	118
24	149,97	152,79	160	95x10	16H7	125
25	156,33	159,15	166	95x10	16H7	131
26	162,70	165,52	172	95x10	16H7	137
27	169,07	171,89	179	110x10	16H7	144
28	175,43	178,25	185	110x10	16H7	150
29	181,80	184,62	192	110x10	16H7	156

z	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
30	188,17	190,99	198	110x10	16H7	163
31	194,53	197,35	204	110x10	16H7	169
32	200,90	203,72	210	110x10	16H7	175
33	207,26	210,08	217	110x10	16H7	182
34	213,63	216,45	223	110x10	16H7	188
35	220,00	222,82	229	110x10	16H7	195
36	226,36	229,18	236	110x10	18H7	201
37	232,73	235,55	242	110x10	18H7	207
38	239,10	241,92	249	110x10	18H7	214
39	245,46	248,28	255	110x10	18H7	220
40	251,83	254,65	261	110x10	18H7	226
41	258,19	261,01	268	130x10	18H7	233
42	264,56	267,38	274	130x10	18H7	239
43	270,93	273,75	280	130x10	18H7	245
44	277,29	280,11	287	130x10	18H7	252

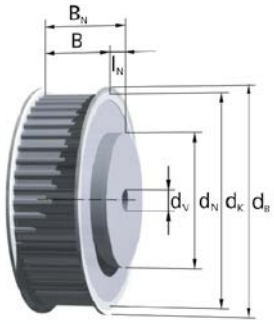
AT 20 (Also for ATN toothed belt)

z	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
45	283,66	286,48	293	130x10	18H7	258
46	290,03	292,85	300	130x10	18H7	265
47	296,39	299,21	306	130x10	18H7	271
48	302,76	305,58	312	130x10	18H7	278
49	309,12	311,94	319	140x10	20H7	284
50	315,49	318,31	325	140x10	20H7	290
51	322,86	324,68	331	140x10	20H7	296
52	328,22	331,04	338	140x10	20H7	303
53	334,59	337,41	344	140x10	20H7	310
54	340,95	343,77	350	140x10	20H7	315
55	347,32	350,14	357	140x10	20H7	322
56	353,69	356,51	363	140x10	20H7	328
57	360,05	362,87	370	140x10	20H7	335
58	366,42	369,24	376	140x10	20H7	341
59	372,79	375,61	382	140x10	20H7	347
60	379,15	381,97	389	140x10	20H7	354
61	385,52	388,34	395	140x10	20H7	360
62	391,88	394,70	401	140x10	20H7	366
63	398,25	401,07	408	140x10	20H7	373
64	404,62	407,44	414	140x10	20H7	379
65	410,98	413,80	420	140x10	20H7	385
66	417,35	420,17	427	140x10	20H7	392
67	423,72	426,54	433	140x10	20H7	398
68	430,08	432,90	440	140x10	20H7	405
69	436,45	439,27	446	140x10	20H7	406
70	442,81	445,63	452	140x10	20H7	412
71	449,18	452,00	459	140x10	20H7	419
72	455,55	458,37	465	140x10	20H7	425
73	461,91	464,73	471	160x10	30H7	431
74	468,28	471,10	478	160x10	30H7	438
75	474,64	477,46	484	160x10	30H7	444
76	481,01	483,83	490	160x10	30H7	450
77	487,38	490,20	497	160x10	30H7	457
78	493,74	496,56	503	160x10	30H7	463
79	500,11	502,93	510	160x10	30H7	470

z	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
80	506,48	509,30	516	200x10	30H7	476
81	512,84	515,66	522	200x10	30H7	482
82	519,21	522,03	529	200x10	30H7	489
83	525,57	528,39	535	200x10	30H7	495
84	531,94	534,76	541	200x10	30H7	501
85	538,31	541,13	548	200x10	30H7	503
86	544,67	547,49	554	200x10	30H7	509
87	551,04	553,86	561	200x10	30H7	516
88	557,41	560,23	567	200x10	30H7	522
89	563,77	566,59	573	200x10	30H7	528
90	570,14	572,96	580	200x10	30H7	535
91	576,50	579,32	586	200x10	30H7	541
92	582,87	585,69	592	200x10	30H7	548
93	589,24	592,06	599	200x10	30H7	554
94	595,60	598,42	605	200x10	30H7	560
95	601,97	604,79	611	200x10	40H7	566
96	608,33	611,15	618	200x10	40H7	573
97	614,70	617,52	624	200x10	40H7	579
98	621,07	623,89	631	200x10	40H7	586
99	627,43	630,25	637	200x10	40H7	592
100	633,80	636,62	643	200x10	40H7	598
101	640,17	642,99	650	200x10	40H7	605
102	646,53	649,35	656	200x10	40H7	611
103	652,90	655,72	662	200x10	40H7	617
104	659,26	662,08	669	200x10	40H7	624
105	665,63	668,45	675	200x10	40H7	630
106	672,00	674,82	681	200x10	40H7	636
107	678,36	681,18	688	200x10	40H7	643
108	684,73	687,55	694	200x10	40H7	649
109	691,10	693,92	701	200x10	40H7	656
110	697,46	700,28	707	200x10	40H7	662
111	703,83	706,65	713	200x10	40H7	663
112	710,19	713,01	720	200x10	40H7	670
113	716,56	719,38	726	200x10	40H7	676
114	722,93	725,75	732	200x10	40H7	682

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 x 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_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	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
15	46,15	45,93	52	32x10	8H7	19
16	49,33	49,11	55	35x10	8H7	23
17	52,51	52,29	58	40x10	10H7	26
18	55,70	55,48	61	40x10	10H7	29
19	58,88	58,66	64	44x10	10H7	32
20	62,06	61,84	68	46x10	12H7	34
21	65,25	65,03	72	46x10	12H7	35
22	68,43	68,21	74	50x10	12H7	39
23	71,61	71,39	78	50x10	12H7	42
24	74,79	74,57	80	58x10	12H7	45
25	77,98	77,76	84	60x10	12H7	48
26	81,16	80,94	87	60x10	12H7	51
27	84,34	84,12	90	60x10	12H7	55
28	87,53	87,31	93	60x10	12H7	58
29	90,71	90,49	96	60x10	12H7	61

z	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore 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

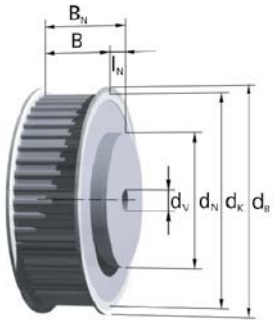
ATP 10

z	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore 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	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore 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:

Pulley AL 50 ATP 15 / 40 - 0 Hub 80x10; dv

- Material
- Total width B_N
- Type / pitch
- Number of teeth
- Number of flanges
- 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]	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_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	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore 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
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

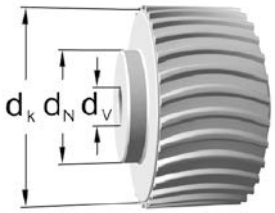
ATP 15

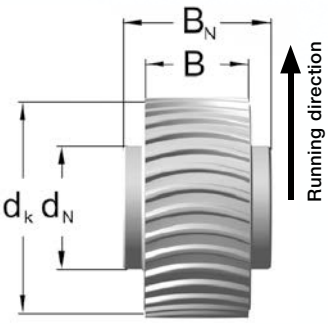
z	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
45	212,76	214,86	220	140x10	16H7	185
46	217,53	219,63	223	140x10	16H7	188
47	222,31	224,41	230	140x10	16H7	195
48	227,08	229,18	234	140x10	16H7	198
49	231,86	233,96	239	140x10	16H7	204
50	236,63	238,73	242	140x10	16H7	207
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

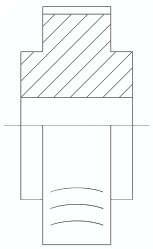
z	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
80	379,87	381,97	386	160x10	24H7	348
81	384,65	386,75	391	160x10	24H7	353
82	389,42	391,52	396	160x10	24H7	358
83	394,20	396,30	401	160x10	24H7	363
84	398,97	401,07	405	160x10	24H7	367
85	403,75	405,85	410	200x10	30H7	372
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

Timing pulleys self-tracking Profiles

BAT 10







Please state curve direction with a scetch in the drawing.

Order example:

Pulley Al 115 BAT 10 / 25 double Hub 59x5 d=30H7 with keyway

- Material
- Width B_N
- Type / pitch
- Number of teeth
- Hub dimension (d_N x l_N)
- Bore
- Keyway to DIN 6685

Refer to page 14 for further ordering information.

Belt width	b	[mm]	25	32	50	75	100
Pulley width	B	[mm]	30	35	55	80	105
Total width	B_N	[mm]	40	47	65	90	115

Material:
Pulley: AlCu4MgSi, RoHS-conformant

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	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
20	61,84	63,66	67	46x5	12H7	50
21	65,03	66,85	70	50x5	12H7	52
22	68,21	70,03	74	53x5	12H7	56
23	71,39	73,21	76	56x5	12H7	60
24	74,57	76,39	80	57x5	12H7	62

z	d_K [mm]	d_0 [mm]	d_B [mm]	Hub d_N x l_N [mm]	Bore d_V [mm]	Bore d_{max} [mm]
25	77,76	79,58	82	59x5	12H7	66
26	80,94	82,76	86	62x5	12H7	68
27	84,12	85,94	90	64x5	12H7	72
28	87,31	89,13	93	67x5	12H7	76
29	90,49	92,31	96	70x5	12H7	78
30	93,67	95,49	99	73x5	12H7	82
31	96,86	98,68	102	77x5	12H7	84
32	100,04	101,86	105	80x5	12H7	88
33	103,22	105,04	109	83x5	12H7	88
34	106,41	108,23	112	86x5	12H7	92