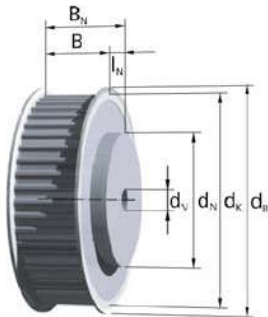
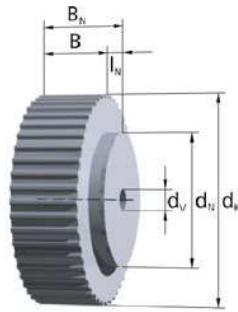


# Timing pulleys AT-Profile

## 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;  $d_v$   
 Material \_\_\_\_\_  
 Total width  $B_N$  \_\_\_\_\_  
 Type / pitch \_\_\_\_\_  
 Number of teeth \_\_\_\_\_  
 Number of flanges \_\_\_\_\_  
 Hub dimension  $d_N \times l_N$  \_\_\_\_\_

Note for part code:

$d_v$  = 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

$z$	Hub			Bore		
	$d_k$ [mm]	$d_0$ [mm]	$d_B$ [mm]	$d_N \times l_N$ [mm]	$d_v$ [mm]	$d_{max}$ [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

$z$	Hub			Bore		
	$d_k$ [mm]	$d_0$ [mm]	$d_B$ [mm]	$d_N \times l_N$ [mm]	$d_v$ [mm]	$d_{max}$ [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 <sub>K</sub> [mm]	d <sub>0</sub> [mm]	d <sub>B</sub> [mm]	Hub		Bore	
				d <sub>N</sub> x l <sub>N</sub> [mm]	d <sub>V</sub> [mm]	d <sub>max</sub> [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	
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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	
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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	
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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	
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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	
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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	
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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 <sub>K</sub> [mm]	d <sub>0</sub> [mm]	d <sub>B</sub> [mm]	Hub		Bore	
				d <sub>N</sub> x l <sub>N</sub> [mm]	d <sub>V</sub> [mm]	d <sub>max</sub> [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	
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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	
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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	
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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	
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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	
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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	
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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	