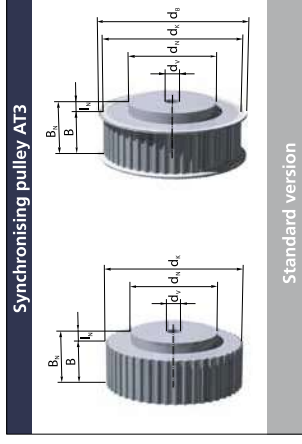




Type	Belt width b [mm]	Synchronising pulley width B_k [mm]	Total width B_n [mm]
AT3	6	10	16
	10	15	21
	16	22	28
	25	32	38
	32	40	48

The AT3 stock pulleys are marked in grey. Stock pulleys up to $z=40$ are supplied with flanges as standard, from $z=44$ without flanges.
Please contact our sales partner if you require intermediate widths, larger widths or other hub dimensions.

z	d_k [mm]	d_s [mm]	Hub $d_v \times l_h$ [mm]	Pre-bore d_v	Bore (max.) d_{max} [mm]
15	13,91	14,32	17	10x6	4x7
16	14,87	15,28	18	10x6	4x7
17	15,82	16,23	19	10x6	4x7
18	16,78	17,19	21	12x6	4x7
19	17,73	18,14	23	12x6	4x7
20	18,69	19,10	24	14x6	4x7
21	19,64	20,05	25	14x6	6x7
22	20,60	21,01	26	14x6	6x7
23	21,55	21,96	26	14x6	6x7
24	22,51	22,92	28	14x6	6x7
25	23,46	23,87	30	16x6	6x7
26	24,42	24,83	30	16x6	6x7
27	25,37	25,78	30	16x6	6x7
28	26,33	26,74	32	16x6	6x7
29	27,28	27,69	34	16x6	6x7
30	28,24	28,65	34	20x6	6x7
31	29,19	29,60	35	20x6	6x7
32	30,15	30,56	36	20x6	6x7
33	31,10	31,51	36	20x6	6x7
34	32,06	32,47	37	20x6	6x7
35	33,01	33,42	39	20x6	6x7
36	33,97	34,38	40	22x6	6x7
37	34,92	35,33	40	22x6	6x7
38	35,88	36,29	42	22x6	6x7
39	36,83	37,24	42	22x6	6x7
40	37,79	38,20	43	26x6	6x7
41	38,74	39,15	45	26x6	6x7
42	39,70	40,11	45	26x6	6x7
43	40,65	41,06	47	26x6	6x7
44	41,61	42,02	47	30x6	6x7
45	42,56	42,97	48	30x6	6x7
46	43,52	43,93	50	30x6	6x7
47	44,47	44,88	50	30x6	6x7
48	45,43	45,84	52	34x6	6x7

z	d_k [mm]	d_s [mm]	Hub $d_v \times l_h$ [mm]	Pre-bore d_v	Bore (max.) d_{max} [mm]
49	46,38	46,79	52	34x6	6x7
50	47,34	47,75	53	34x6	6x7
51	48,29	48,70	53	34x6	6x7
52	49,25	49,66	55	34x6	6x7
53	50,20	50,61	55	34x6	6x7
54	51,16	51,57	56	34x6	6x7
55	52,11	52,52	58	34x6	6x7
56	53,07	53,48	58	34x6	6x7
57	54,02	54,43	60	34x6	6x7
58	54,98	55,39	60	34x6	6x7
59	55,93	56,34	61	34x6	6x7
60	56,89	57,30	62	38x6	6x7
61	57,84	58,25	64	38x6	6x7
62	58,80	59,21	64	38x6	6x7
63	59,75	60,16	66	38x6	6x7
64	60,71	61,12	66	38x6	6x7
65	61,66	62,07	68	38x6	6x7
66	62,62	63,03	68	38x6	6x7
67	63,57	63,98	70	38x6	6x7
68	64,53	64,94	70	38x6	6x7
69	65,48	65,89	72	38x6	6x7
70	66,44	66,85	72	38x6	6x7
71	67,39	67,80	74	38x6	6x7
72	68,34	68,75	74	50x6	6x7

BRECO order example

Synchronising pulley A1 38 AT3 / 20 - 2 hub 14x6

Material
Total width B_n
Type / pitch
Number of teeth
Number of flanges
Hub dimensions $d_v \times l_h$

Important information for the user of this catalogue

Please note that the effective circular diameters d_0 for synchronising pulleys and synchronising shafts represent theoretical values, while actual values form the basis in the online calculation program „belt pilot“.

Flanges

Zinc plated steel is used as the standard material. The user is to determine special executions.

Mounting is achieved by flaring or bolting the flange, depending on the tooth profile and number of teeth used.

Tolerances

The centre borings made in H7, if there are no other requirements.

All not tolerated dimensions are manufactured in the tolerance class „medium“ according to DIN 7168.

Designation

z = Number of teeth
 d_k = Pitch circle diameter
 d_s = Pulley outside diameter
 d_0 = Flange diameter
 d_v = Diameter of pre-bore
 d_{max} = max. bore diameter without feather key groove for synchronising pulleys with flanges, with maximum pre-boring, no hub is required

How to find a stock pulley

