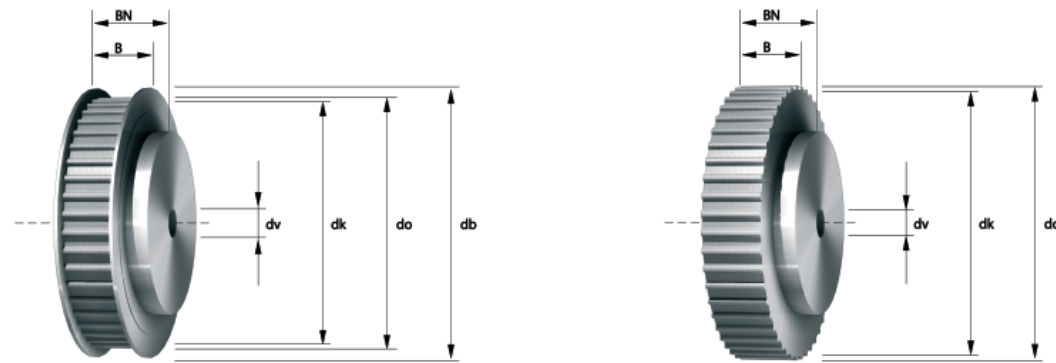




Synchronizing pulleys for cylindrical bore imperial profile



- z = Number of teeth
- dk = Outside diameter
- do = Pitch circle diameter
- db = Flange diameter
- dv = Diameter of pre-bore
- dmax = Max. bore diameter without feather key groove  
no hub required with max. pre-bore
- dmin = Min. diameter of tension roller running on tothing 30 mm, on back of belt 30 mm

Materials: Steel or Aluminum Flange: Steel, zinc-coated

Inch code	025	031	037	050	075	100
Belt width = b (mm)	6.35	7.94	9.53	12.7	19.1	25.4
Total Width = B (mm)	14.1			19	25	32
Total width with hub = BN (mm)	B + 5.3/8.1/12.1 mm					

Additional widths, special hubs and materials on request

XL (T1/5")

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
10	15.66	16.17	23	6F	5H7	7	9,5 x 5,3
11	17.28	17.79	23	6F	5H7	8	9,5 x 5,3
12	18.90	19.40	25	6F	5H7	11	12,7 x 5,3
13	20.51	21.02	25	6/6F	5H7	13	14,3 x 5,3
14	22.13	22.64	28	6F	6H7	14	14,3 x 5,3
15	23.75	24.26	28	6F	6H7	14	15,9 x 5,3
16	25.36	25.87	32	6F	6H7	18	17,5 x 5,3
17	26.98	27.49	32	6/6F	6H7	18	19 x 5,3
18	28.60	29.11	36	6F	6H7	21	19 x 5,3
19	30.21	30.72	36	6/6F	6H7	22	23,8 x 8,1
20	31.83	32.34	38	6F	6H7	23	23,8 x 8,1
21	33.45	33.96	38	6F	6H7	25	23,8 x 8,1
22	35.07	35.57	42	6F	6H7	26	25,4 x 8,1
23	36.86	37.19	42	6/6F	6H7	26	27 x 8,1
24	38.30	38.81	44	6F	6H7	27	27 x 8,1

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
25	39.92	40.43	45	6F	6H7	29	30 x 8,1
26	41.53	42.04	48	6F	6H7	31	30 x 8,1
27	43.15	43.66	48	6/6F	6H7	32	30 x 8,1
28	44.77	45.28	51	6F	6H7	34	30,2 x 8,1
29	46.38	46.89	52	6/6F	6H7	36	30,2 x 8,1
30	48.00	48.51	54	6F	6H7	37	34,9 x 8,1
31	49.62	50.13	55	6/6F	8H7	39	38 x 12,1
32	51.24	51.74	-	6	8H7	40	38 x 12,1
33	52.85	53.36	58	6/6F	8H7	42	38 x 12,1
34	54.47	54.98	60	6/6F	8H7	44	38 x 12,1
35	56.09	56.60	62	6/6F	8H7	46	38 x 12,1
36	57.70	58.21	-	6	8H7	46	38 x 12,1
37	59.32	59.83	64	6/6F	8H7	48	38 x 12,1
38	60.94	61.45	66	6/6F	8H7	48	38 x 12,1
39	62.55	63.06	68	6/6F	8H7	50	38 x 12,1

■ = Standard stock pulleys

Some types, db and dv may deviate



XL (T1/5")

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
40	64.17	64.68	-	6	8H7	54	38 x 12,1
41	65.79	66.30	72	6/6F	8H7	54	38 x 12,1
42	67.40	67.91	-	6W	8H7	54	38 x 12,1
43	69.02	69.53	74	6/6F	8H7	56	38 x 12,1
44	70.64	71.15	-	6W	8H7	57	38 x 12,1
45	72.26	72.77	78	6/6F	8H7	60	38 x 12,1
46	73.87	74.38	80	6/6F	8H7	62	38 x 12,1
47	75.49	76.00	80	6/6F	8H7	62	38 x 12,1
48	77.11	77.62	-	6W	8H7	64	38 x 12,1
49	78.72	79.23	84	6/6F	8H7	66	38 x 12,1
50	80.34	80.85	86	6/6F	8H7	68	38 x 12,1
51	81.96	82.47	88	6/6F	8H7	70	38 x 12,1
52	83.57	84.08	90	6/6F	8H7	72	38 x 12,1
53	85.19	85.70	90	6/6F	8H7	73	38 x 12,1
54	86.81	87.32	93	6/6F	8H7	72	38 x 12,1
55	88.43	88.94	93	6/6F	8H7	75	38 x 12,1
56	90.04	90.55	96	6/6F	8H7	78	38 x 12,1
57	91.66	92.17	99	6/6F	8H7	79	38 x 12,1
58	93.28	93.79	99	6/6F	8H7	79	38 x 12,1
59	94.89	95.40	100	6/6F	8H7	80	38 x 12,1
60	96.51	97.02	-	6A	8H7	82	38 x 12,1
61	98.13	98.64	104	6/6F	8H7	84	38 x 12,1
62	99.74	100.25	106	6/6F	8H7	86	38 x 12,1
63	101.36	101.87	106	6/6F	8H7	86	38 x 12,1
64	102.98	103.49	109	6/6F	8H7	89	38 x 12,1
65	104.60	105.11	109	6/6F	8H7	89	38 x 12,1
66	106.21	106.72	112	6/6F	8H7	92	38 x 12,1
67	107.83	108.34	115	6/6F	8H7	95	38 x 12,1
68	109.45	109.96	115	6/6F	8H7	95	38 x 12,1
69	111.06	111.57	117	6/6F	8H7	97	38 x 12,1
70	112.68	113.19	118	6/6F	8H7	98	38 x 12,1
71	114.30	114.81	118	6/6F	8H7	98	38 x 12,1
72	115.92	116.43	-	6A	8H7	101	38 x 12,1
73	117.53	118.04	123	6/6F	10H7	103	45 x 12,1
74	119.15	119.66	125	6/6F	10H7	105	45 x 12,1
75	120.77	121.28	128	6/6F	10H7	108	45 x 12,1
76	122.38	122.89	128	6/6F	10H7	108	45 x 12,1
77	124.00	124.51	131	6/6F	10H7	110	45 x 12,1
78	125.62	126.13	131	6/6F	10H7	110	45 x 12,1
79	127.23	127.74	134	6/6F	10H7	111	45 x 12,1
80	128.85	129.36	134	6/6F	10H7	111	45 x 12,1
81	130.47	130.98	137	6/6F	10H7	113	45 x 12,1
82	132.08	132.60	137	6/6F	10H7	113	45 x 12,1
83	133.70	134.21	140	6/6F	10H7	116	45 x 12,1

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
84	135.32	135.83	140	6/6F	10H7	116	45 x 12,1
85	136.94	137.45	144	6/6F	10H7	120	45 x 12,1
86	138.55	139.06	144	6/6F	10H7	120	45 x 12,1
87	140.17	140.68	147	6/6F	10H7	123	45 x 12,1
88	141.79	142.30	147	6/6F	10H7	123	45 x 12,1
89	143.40	143.91	150	6/6F	10H7	126	45 x 12,1
90	145.02	145.53	150	6/6F	10H7	126	45 x 12,1
91	146.64	147.15	153	6/6F	10H7	129	45 x 12,1
92	148.25	148.77	153	6/6F	10H7	129	45 x 12,1
93	149.87	150.38	156	6/6F	10H7	132	45 x 12,1
94	151.49	152.00	158	6/6F	10H7	134	45 x 12,1
95	153.11	153.62	158	6/6F	12H7	134	55 x 12,1
96	154.72	155.23	160	6/6F	12H7	136	55 x 12,1
97	156.34	156.85	163	6/6F	12H7	139	55 x 12,1
98	157.96	158.47	166	6/6F	12H7	142	55 x 12,1
99	159.57	160.08	166	6/6F	12H7	142	55 x 12,1
100	161.19	161.70	169	6/6F	12H7	145	55 x 12,1
101	162.81	163.32	169	6/6F	12H7	145	55 x 12,1
102	164.43	164.94	171	6/6F	12H7	147	55 x 12,1
103	166.04	166.55	171	6/6F	12H7	147	55 x 12,1
104	167.66	168.17	174	6/6F	12H7	150	55 x 12,1
105	169.28	169.79	174	6/6F	12H7	150	55 x 12,1
106	170.89	171.40	176	6/6F	12H7	152	55 x 12,1
107	172.51	173.02	179	6/6F	12H7	155	55 x 12,1
108	174.13	174.64	179	6/6F	12H7	155	55 x 12,1
109	175.74	176.25	182	6/6F	12H7	158	55 x 12,1
110	177.36	177.87	182	6/6F	12H7	158	55 x 12,1
111	178.98	179.49	185	6/6F	12H7	161	55 x 12,1
112	180.60	181.11	188	6/6F	12H7	164	55 x 12,1
113	182.21	182.72	188	6/6F	12H7	164	55 x 12,1
114	183.83	184.34	188	6/6F	12H7	167	55 x 12,1