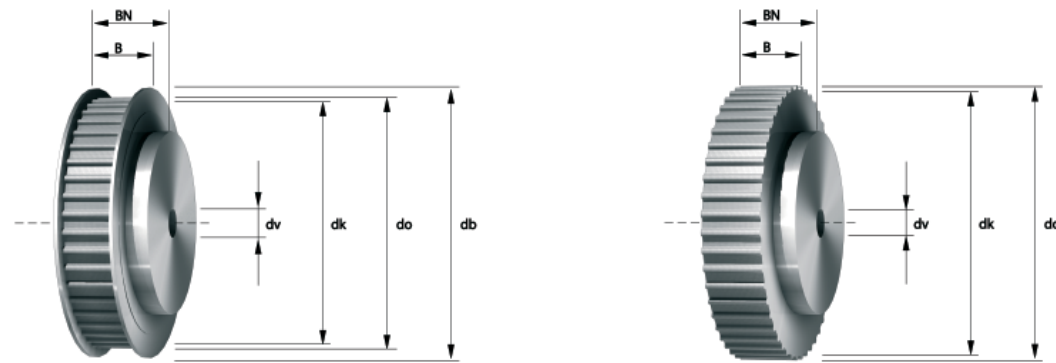




Synchronizing pulleys for cylindrical bore imperial profile



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 toothing 60 mm, on back of belt 60 mm

Materials: Steel or Gray cast iron Flange: Steel, zinc-coated

Inch code	037	050	075	100	150	200	300
Belt width = b (mm)	9.53	12.7	19.1	25.4	38.1	50.8	76.2
Total Width = B (mm)	16	19	25	31/32	44	59	84
Total width with hub = BN (mm)	B + 7 / 9 mm						

Additional widths, special hubs and materials on request

L (T3/8")

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
10	29.56	30.32	36	6F	6H7	12	22 x 7
11	32.59	33.35	39	6/6F	6H7	12	26 x 7
12	35.62	36.45	42	6F	6H7	15	28 x 7
13	38.65	39.41	44	6F	6H7	18	28 x 7
14	41.68	42.45	48	6F	8H7	20	33 x 7
15	44.72	45.48	51	6F	8H7	34	36 x 7
16	47.75	48.51	54	6F	8H7	36	38 x 7
17	50.78	51.54	57	6F	10H7	38	40 x 7
18	53.81	54.57	60	6F	10H7	41	40 x 7
19	56.84	57.61	60	6F	10H7	44	40 x 7
20	59.88	60.64	66	6F	10H7	47	46 x 7
21	62.91	63.67	71	6F	10H7	50	46 x 7
22	65.94	66.70	75	6F	10H7	52	50 x 7
23	68.97	69.73	78	6/6F	12H7	54	50 x 7
24	72.00	72.77	79	6F	12H7	58	50 x 7

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
25	75.04	75.80	82	6/6F	12H7	62	50 x 7
26	78.07	78.83	87	6F	12H7	62	50 x 7
27	81.10	81.86	88	6/6F	12H7	66	50 x 7
28	84.13	84.89	91	6F	12H7	70	50 x 7
29	87.16	87.93	93	6/6F	12H7	73	50 x 7
30	90.20	90.96	97	6F	12H7	77	50 x 7
31	93.23	93.99	99	6/6F	12H7	79	50 x 7
32	96.26	97.02	103	6F	12H7	81	50 x 7
33	99.29	100.05	106	6/6F	12H7	86	50 x 7
34	102.32	103.08	108	6/6F	12H7	88	50 x 7
35	105.36	106.12	110	6/6F	12H7	90	50 x 7
36	108.39	109.15	115	6WF	12H7	95	50 x 7
37	111.42	112.18	118	6/6F	12H7	98	50 x 7
38	114.45	115.21	121	6/6F	12H7	100	50 x 7
39	117.48	118.24	123	6/6F	12H7	102	50 x 7

■ = Standard stock pulleys

Some types, db and dv may deviate



L (T3/8")

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
40	120.51	121.28	127	6WF	12H7	104	50 x 7
41	123.55	124.31	129	6/6F	12H7	107	50 x 7
42	126.58	127.34	131	6/6F	12H7	109	50 x 7
43	129.61	130.37	137	6/6F	12H7	111	50 x 7
44	132.64	133.40	140	6WF	12H7	115	50 x 7
45	135.68	136.44	140	6/6F	12H7	118	50 x 7
46	138.71	139.47	145	6/6F	12H7	123	50 x 7
47	141.74	142.50	148	6/6F	12H7	126	50 x 7
48	144.77	145.53	152	6WF	12H7	131	50 x 7
49	147.80	148.56	153	6/6F	15H7	131	50 x 9
50	150.83	151.60	156	6/6F	15H7	134	50 x 9
51	153.87	154.63	161	6/6F	15H7	139	50 x 9
52	156.90	157.66	164	6/6F	15H7	142	50 x 9
53	159.93	160.69	166	6/6F	15H7	144	50 x 9
54	162.96	163.82	169	6/6F	15H7	147	50 x 9
55	165.99	166.75	171	6/6F	15H7	149	50 x 9
56	169.03	169.79	174	6/6F	15H7	152	50 x 9
57	172.06	172.82	179	6/6F	15H7	157	50 x 9
58	175.09	175.85	182	6/6F	15H7	160	50 x 9
59	178.12	178.88	185	6/6F	15H7	163	50 x 9
60	181.15	181.91	–	6A	15H7	166	50 x 9
61	184.19	184.95	192	6/6F	15H7	167	50 x 9
62	187.22	187.98	192	6/6F	15H7	167	50 x 9
63	190.25	191.01	195	6/6F	15H7	173	50 x 9
64	193.28	194.04	198	6/6F	15H7	176	50 x 9
65	196.31	197.07	205	6/6F	15H7	180	50 x 9
66	199.35	200.11	205	6/6F	15H7	180	50 x 9
67	202.38	203.14	210	6/6F	15H7	186	50 x 9
68	205.41	206.17	212	6/6F	15H7	186	50 x 9
69	208.44	209.20	216	6/6F	15H7	190	50 x 9
70	211.47	212.23	216	6/6F	15H7	190	50 x 9
71	214.50	215.27	220	6/6F	15H7	196	50 x 9
72	217.53	218.30	–	6A	15H7	199	50 x 9
73	220.57	221.33	226	6/6F	15H7	202	50 x 9
74	223.60	224.36	230	6/6F	15H7	206	50 x 9
75	226.63	227.39	232	6/6F	15H7	208	50 x 9
76	229.66	230.42	236	6/6F	15H7	212	50 x 9
77	232.70	233.46	239	6/6F	15H7	215	50 x 9
78	235.73	236.49	242	6/6F	15H7	218	50 x 9
79	238.76	239.52	245	6/6F	15H7	221	50 x 9
80	241.79	242.55	248	6/6F	15H7	222	50 x 9
81	244.82	245.58	252	6/6F	15H7	222	50 x 9
82	247.86	248.62	252	6/6F	15H7	222	50 x 9
83	250.89	251.65	255	6/6F	15H7	225	50 x 9

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
84	253.92	254.68	–	6A	15H7	234	50 x 9
85	256.95	257.71	261	6/6F	20H7	237	65 x 9
86	259.98	260.74	265	6/6F	20H7	241	65 x 9
87	263.01	263.78	271	6/6F	20H7	241	65 x 9
88	266.05	266.81	274	6/6F	20H7	244	65 x 9
89	269.08	269.84	277	6/6F	20H7	247	65 x 9
90	272.11	272.87	280	6/6F	20H7	250	65 x 9
91	275.14	275.90	280	6/6F	20H7	256	65 x 9
92	278.17	278.93	284	6/6F	20H7	260	65 x 9
93	281.21	281.97	287	6/6F	20H7	263	65 x 9
94	284.24	285.00	290	6/6F	20H7	266	65 x 9
95	287.27	288.03	293	6/6F	20H7	254	65 x 9
96	290.30	291.06	296	6/6F	20H7	257	65 x 9
97	293.33	294.09	300	6/6F	20H7	261	65 x 9
98	296.37	297.13	302	6/6F	20H7	264	65 x 9
99	299.40	300.16	306	6/6F	20H7	267	65 x 9
100	302.43	303.19	310	6/6F	24H7	270	75 x 9
101	305.49	306.22	312	6/6F	24H7	273	75 x 9
102	308.49	309.25	315	6/6F	24H7	277	75 x 9
103	311.53	312.29	318	6/6F	24H7	280	75 x 9
104	314.56	315.32	320	6/6F	24H7	280	75 x 9
105	317.59	318.35	325	6/6F	24H7	286	75 x 9
106	320.62	321.38	329	6/6F	24H7	289	75 x 9
107	323.65	324.41	329	6/6F	24H7	289	75 x 9
108	326.68	327.45	332	6/6F	24H7	293	75 x 9
109	329.72	330.48	335	6/6F	24H7	296	75 x 9
110	332.75	333.51	339	6/6F	24H7	299	75 x 9
111	335.78	336.54	341	6/6F	24H7	302	75 x 9
112	338.81	339.57	344	6/6F	24H7	305	75 x 9
113	341.84	342.60	348	6/6F	24H7	308	75 x 9
114	344.88	345.64	351	6/6F	24H7	312	75 x 9