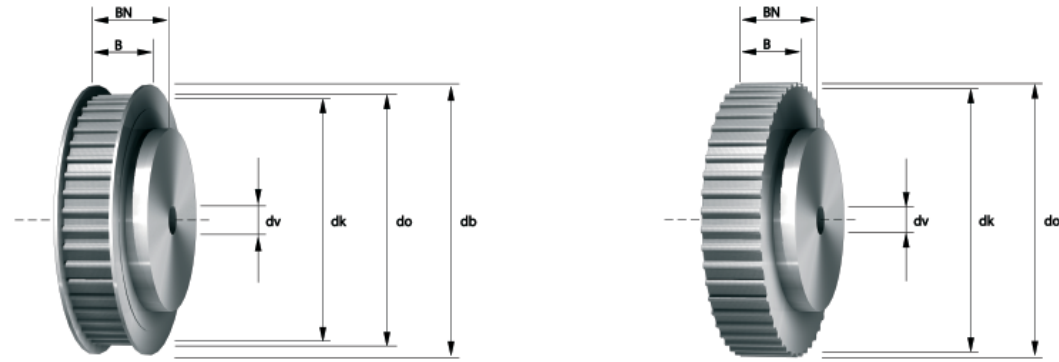




Synchronizing pulleys for cylindrical bore imperial profile



- 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 60 mm, on back of belt 80 mm

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

Inch code	050	075	100	150	200	300	400
Belt width = b (mm)	12.7	19.1	25.4	38.1	50.8	76.2	101.6
Total Width = B (mm)	19	26.4	31	44/45/46	58/60	84/86	111
Total width with hub = BN (mm)	B + 10 / 8 / 11 / 16 mm						

Additional widths, special hubs and materials on request

H (T1/2")

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
14	55.23	56.60	63	6F	12H7	42	40 x 10
15	59.27	60.64	66	6F	12H7	46	46 x 10
16	63.31	64.68	71	6F	12H7	51	46 x 10
17	67.35	68.72	74	6F	12H7	54	54 x 10
18	71.39	72.77	79	6F	12H7	56	54 x 10
19	75.44	76.81	83	6F	12H7	62	58 x 10
20	79.48	80.85	87	6F	12H7	66	62 x 10
21	83.52	84.89	91	6F	12H7	70	67 x 10
22	87.56	88.94	93	6F	12H7	73	70 x 10
23	91.61	92.98	96	6F	12H7	80	75 x 10
24	95.65	97.02	103	6F	12H7	80	75 x 10
25	99.69	101.06	106	6F	15H7	86	55 x 8
26	103.73	105.11	111	6F/6LWF	15H7	90	55 x 8
27	107.78	109.15	115	6/6F	15H7	91	60 x 8
28	111.82	113.19	119	6F/6LWF	15H7	94	60 x 8

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
29	115.86	117.23	123	6/6F	15H7	99	60 x 8
30	119.90	121.28	127	6F/6LWF	15H7	101	60 x 8
31	123.95	125.32	131	6/6F	20H7	107	70 x 8
32	127.99	129.36	135	6F/6LWF	20H7	110	-
33	132.03	133.40	137	6/6F	20H7	113	80 x 8
34	136.08	137.45	142	6/6F	20H7	118	80 x 8
35	140.12	141.49	147	6/6F	20H7	123	80 x 8
36	144.16	145.53	152	6F/6LWF	20H7	126	-
37	148.20	149.57	153	6/6F	20H7	129	80 x 8
38	152.25	153.62	158	6/6F	20H7	134	80 x 8
39	156.29	157.66	163	6/6F	20H7	139	80 x 8
40	160.33	161.70	168	6F/6LWF	20H7	142	-
41	164.37	165.74	171	6/6F	20H7	147	80 x 8
42	168.42	169.79	174	6/6F	20H7	150	80 x 8
43	172.46	173.83	179	6/6F	20H7	155	80 x 8

■ = Standard stock pulleys

Some types, db and dv may deviate



H (T1/2")

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
44	176.50	177.87	184	6AF/10AF/11AF	20H7	158	-
45	180.54	181.91	188	6/6F	20H7	162	80 x 8
46	184.59	185.96	191	6/6F	20H7	167	80 x 8
47	188.63	190.00	195	6/6F	20H7	171	80 x 8
48	192.67	194.04	200	6AF/10AF/11AF	20H7	174	-
49	196.71	198.08	204	6/6F	20H7	180	80 x 11
50	200.76	202.13	207	6/6F	20H7	183	80 x 11
51	204.80	206.17	210	6/6F	20H7	186	80 x 11
52	208.84	210.21	216	6/6F	20H7	192	80 x 11
53	212.88	214.25	220	6/6F	20H7	196	80 x 11
54	216.93	218.30	223	6/6F	20H7	199	80 x 11
55	220.97	222.34	226	6/6F	20H7	202	80 x 11
56	225.01	226.38	230	6/6F	20H7	206	80 x 11
57	229.05	230.42	236	6/6F	20H7	212	80 x 11
58	233.10	234.47	239	6/6F	20H7	215	80 x 11
59	237.14	238.51	242	6/6F	20H7	218	80 x 11
60	241.18	242.55	-	6A/10A	20H7	222	-
61	245.22	246.59	252	6/6F	20H7	228	85 x 11
62	249.27	250.64	255	6/6F	20H7	231	85 x 11
63	253.31	254.68	258	6/6F	20H7	234	85 x 11
64	257.35	258.72	265	6/6F	20H7	241	85 x 11
65	261.39	262.76	268	6/6F	20H7	244	85 x 11
66	265.44	266.81	274	6/6F	20H7	244	85 x 11
67	269.48	270.85	277	6/6F	20H7	247	85 x 11
68	273.52	274.89	280	6/6F	20H7	250	85 x 11
69	277.56	278.93	284	6/6F	20H7	260	85 x 11
70	281.61	282.98	287	6/6F	20H7	269	85 x 11
71	285.65	287.02	290	6/6F	20H7	253	85 x 11
72	289.69	291.06	-	6A/10A	20H7	259	-
73	293.73	295.11	302	6/6F	20H7	266	85 x 11
74	297.78	299.15	306	6/6F	20H7	269	85 x 11
75	301.82	303.19	310	6/6F	20H7	272	85 x 11
76	305.86	307.23	312	6/6F	20H7	275	85 x 11
77	309.90	311.28	315	6/6F	20H7	279	85 x 11
78	313.95	315.32	319	6/6F	20H7	282	85 x 11
79	317.99	319.36	325	6/6F	20H7	288	85 x 11
80	322.03	323.40	329	6/6F	20H7	291	85 x 11
81	326.07	327.45	332	6/6F	20H7	295	85 x 11
82	330.12	331.49	338	6/6F	20H7	301	85 x 11
83	334.16	335.53	341	6/6F	20H7	304	85 x 11
84	338.20	339.57	-	6A/10A	20H7	307	-
85	342.24	343.62	348	6/6F	20H7	310	85 x 11

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
86	346.29	347.66	351	6/6F	20H7	314	85 x 11
87	350.33	351.70	357	6/6F	20H7	320	85 x 11
88	354.37	355.74	360	6/6F	20H7	323	85 x 11
89	358.41	359.79	363	6/6F	20H7	326	85 x 11
90	362.46	363.83	370	6/6F	20H7	331	85 x 11
91	366.50	367.87	372	6/6F	20H7	332	85 x 11
92	370.54	371.91	377	6/6F	20H7	337	85 x 11
93	374.58	375.96	382	6/6F	20H7	342	85 x 11
94	378.63	380.00	386	6/6F	20H7	346	85 x 11
95	382.67	384.04	391	6/6F	20H7	351	85 x 11
96	386.71	388.08	-	6A/10A	20H7	356	-
97	390.76	392.13	396	6/6F	24H7	356	90 x 16
98	394.80	396.17	401	6/6F	24H7	361	90 x 16
99	398.84	400.21	405	6/6F	24H7	365	90 x 16
100	402.88	404.25	410	6/6F	24H7	370	90 x 16
101	406.93	408.30	413	6/6F	24H7	375	90 x 16
102	410.97	412.34	415	6/6F	24H7	375	90 x 16
103	415.01	416.38	422	6/6F	24H7	385	90 x 16
104	419.05	420.42	428	6/6F	24H7	389	90 x 16
105	423.10	424.47	430	6/6F	24H7	389	90 x 16
106	427.14	428.51	433	6/6F	24H7	392	90 x 16
107	431.18	432.55	437	6/6F	24H7	395	90 x 16
108	435.22	436.59	441	6/6F	24H7	398	90 x 16
109	439.27	440.64	445	6/6F	24H7	401	90 x 16
110	443.31	444.68	449	6/6F	24H7	404	90 x 16
111	447.35	448.72	453	6/6F	24H7	407	90 x 16
112	451.39	452.76	457	6/6F	24H7	410	90 x 16
113	455.44	456.81	461	6/6F	24H7	413	90 x 16
114	459.48	460.85	465	6/6F	24H7	416	90 x 16
120	483.73	485.10	-	6A/10A	24H7	440	95 x 16