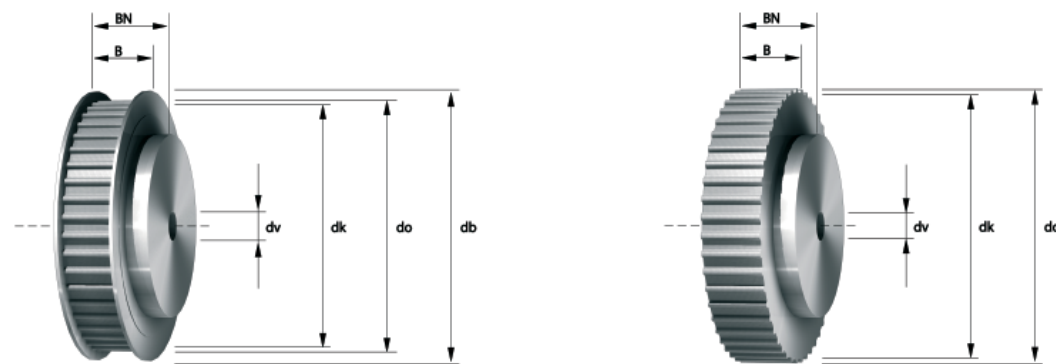




Synchronizing pulleys for cylindrical bore imperial profile



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 150 mm, on back of belt 180 mm

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

Inch code	200	300	400
Belt width = b (mm)	50.8	76.2	101.6
Total Width = B (mm)	k.A.	k.A.	k.A.
Total width with hub = BN (mm)	B + 18 / 15 mm		

Additional widths, special hubs and materials on request

XH (T7/8")

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
18	124.55	127.34	142	6F	20H7	95	85 x 18
19	131.62	134.41	140	6F	20H7	102	95 x 18
20	138.69	141.49	155	6F	20H7	109	95 x 18
21	145.77	148.56	154	6F	20H7	116	110 x 18
22	152.84	155.64	170	6F	20H7	123	110 x 18
23	159.92	162.71	170	6F	20H7	130	125 x 18
24	166.99	169.79	184	6F	25H7	137	125 x 18
25	174.07	176.86	184	6/6F	25H7	144	140 x 18
26	181.14	183.94	198	6F	25H7	151	140 x 18
27	188.22	191.01	198	6/6F	25H7	158	120 x 18
28	195.29	198.08	212	6F	25H7	168	120 x 18
29	202.37	205.16	211	6/6F	25H7	172	120 x 18
30	209.44	212.23	227	6F	25H7	179	120 x 18
31	216.52	219.31	227	6/6F	25H7	187	130 x 18
32	223.59	226.38	240	6F	25H7	194	130 x 18

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
33	230.67	233.46	240	6/6F	25H7	201	140 x 18
34	237.74	240.53	248	6/6F	25H7	208	140 x 18
35	244.81	247.61	256	6/6F	25H7	215	140 x 18
36	251.89	254.68	262	6/6F	25H7	222	140 x 18
37	258.96	261.75	268	6/6F	25H7	229	140 x 18
38	266.04	268.83	275	6/6F	25H7	236	140 x 18
39	273.11	275.90	283	6/6F	25H7	243	140 x 18
40	280.18	282.98	297	6F	25H7	250	140 x 18
41	287.26	290.05	297	6/6F	30H7	257	150 x 15
42	294.34	297.13	304	6/6F	30H7	264	150 x 15
43	301.41	304.20	311	6/6F	30H7	271	150 x 15
44	308.48	311.28	319	6/6F	30H7	278	150 x 15
45	315.56	318.35	326	6/6F	30H7	286	150 x 15
46	322.63	325.42	332	6/6F	30H7	293	150 x 15
47	329.71	332.50	338	6/6F	30H7	300	150 x 15

■ = Standard stock pulleys

Some types, db and dv may deviate



XH (T7/8")

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
48	336.78	339.57	-	6A/10A/11A	30H7	307	150 x 15
49	343.86	346.35	354	6/6F	30H7	314	150 x 15
50	350.93	353.72	360	6/6F	30H7	321	150 x 15
51	358.08	360.80	368	6/6F	30H7	328	150 x 15
52	365.08	367.87	376	6/6F	30H7	335	150 x 15
53	372.15	374.95	383	6/6F	30H7	342	150 x 15
54	379.23	382.02	389	6/6F	30H7	349	150 x 15
55	386.30	389.09	396	6/6F	30H7	356	150 x 15
56	393.38	396.17	402	6/6F	30H7	363	150 x 15
57	400.45	403.24	410	6/6F	30H7	370	150 x 15
58	407.53	410.32	417	6/6F	30H7	378	150 x 15
59	414.60	417.39	424	6/6F	30H7	385	150 x 15
60	421.67	424.47	-	6A/10A/11A	30H7	392	150 x 15
61	428.75	431.54	438	6/6F	40H7	399	150 x 15
62	435.82	438.62	446	6/6F	40H7	406	150 x 15
63	442.90	445.69	453	6/6F	40H7	413	150 x 15
64	449.97	452.76	459	6/6F	40H7	420	150 x 15
65	457.05	459.84	466	6/6F	40H7	427	150 x 15
66	464.12	466.91	474	6/6F	40H7	434	150 x 15
67	471.20	473.99	481	6/6F	40H7	441	150 x 15
68	478.27	481.06	488	6/6F	40H7	448	150 x 15
69	485.35	488.14	495	6/6F	40H7	455	150 x 15
70	492.42	495.21	502	6/6F	40H7	462	150 x 15
71	499.49	502.29	510	6/6F	40H7	469	150 x 15
72	506.57	509.36	-	6A/10A/11A	40H7	477	150 x 15
73	513.64	516.43	523	6/6F	40H7	484	160 x 15
74	520.72	523.51	529	6/6F	40H7	491	160 x 15
75	527.79	530.58	536	6/6F	40H7	498	160 x 15
76	534.87	537.66	545	6/6F	40H7	505	160 x 15
77	541.94	544.73	552	6/6F	40H7	512	160 x 15
78	549.01	551.81	560	6/6F	40H7	519	160 x 15
79	556.09	558.88	567	6/6F	40H7	526	160 x 15
80	563.16	565.95	574	6/6F	40H7	533	160 x 15
81	570.24	573.03	580	6/6F	40H7	540	160 x 15
82	577.31	580.10	587	6/6F	40H7	547	160 x 15
83	584.39	587.18	593	6/6F	40H7	554	160 x 15
84	591.46	594.25	-	6A/10A/11A	40H7	561	160 x 15
85	598.54	601.33	608	6/6F	40H7	569	160 x 15
86	605.61	608.40	616	6/6F	40H7	576	160 x 15
87	612.68	615.48	622	6/6F	40H7	583	160 x 15
88	619.76	622.55	630	6/6F	40H7	590	160 x 15

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
89	626.83	629.62	637	6/6F	40H7	597	160 x 15
90	633.91	636.70	644	6/6F	40H7	604	160 x 15
91	640.98	643.77	650	6/6F	40H7	611	160 x 15
92	648.06	650.85	657	6/6F	40H7	618	160 x 15
93	655.13	657.92	664	6/6F	40H7	625	160 x 15
94	662.21	665.00	671	6/6F	40H7	632	160 x 15
95	669.27	672.07	678	6/6F	40H7	639	160 x 15
96	676.35	679.15	-	6A/10A/11A	40H7	646	160 x 15
97	683.44	686.22	692	6/6F	40H7	653	160 x 15
98	690.50	693.29	699	6/6F	40H7	660	160 x 15
99	697.59	700.37	706	6/6F	40H7	668	160 x 15
100	704.65	707.44	713	6/6F	40H7	675	160 x 15
101	711.74	714.52	720	6/6F	40H7	682	160 x 15
102	718.80	721.59	727	6/6F	40H7	689	160 x 15
103	725.88	728.67	734	6/6F	40H7	696	160 x 15
104	732.95	735.74	741	6/6F	40H7	703	160 x 15
105	740.03	742.82	748	6/6F	40H7	710	160 x 15
106	747.09	749.89	755	6/6F	40H7	717	160 x 15
107	754.18	756.96	762	6/6F	40H7	724	160 x 15
108	761.24	764.04	769	6/6F	40H7	731	160 x 15
109	768.33	771.11	776	6/6F	40H7	738	160 x 15
110	775.39	778.19	783	6/6F	40H7	745	160 x 15
111	782.48	785.26	790	6/6F	40H7	752	160 x 15
112	789.54	792.34	797	6/6F	40H7	760	160 x 15
113	796.62	799.41	804	6/6F	40H7	767	160 x 15
114	803.68	806.49	811	6/6F	40H7	774	160 x 15