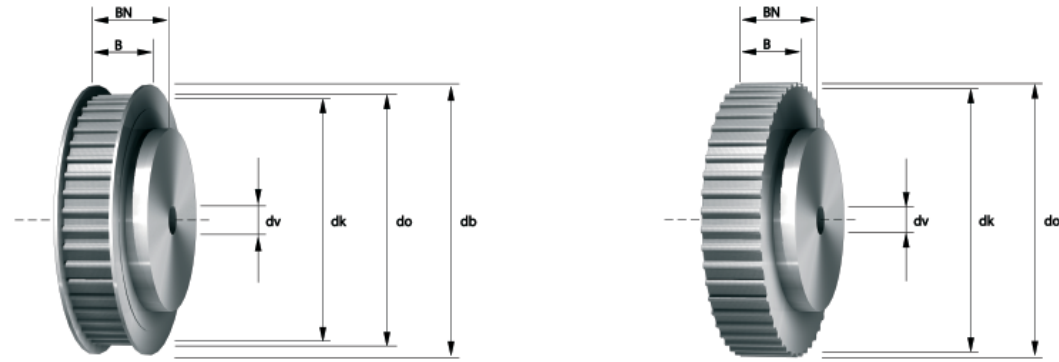




Synchronizing pulleys for cylindrical bore HTD-profile



- 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 120 mm

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

Belt width = b (mm)	20	25	30	50	85	115	150
Total Width = B (mm)	28	33	38	60	95	125	160
Total width with hub = BN (mm)	38	43	48	70	105	135	170

Additional widths, special hubs and materials on request

HTD 8M

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
20	49.56	50.93	54	6F	12	26	40 x 10
21	52.10	53.48	58	6F	12	29	40 x 10
22	54.65	56.02	60	6F	12	31	43 x 10
23	57.20	58.57	62	6F	12	34	43 x 10
24	59.75	61.12	66	6F	12	36	45 x 10
25	62.29	63.66	66	6F	12	38	45 x 10
26	64.84	66.21	71	6F	12	40	50 x 10
27	67.38	68.75	73	6F	12	43	50 x 10
28	69.93	71.30	75	6F	15	45	50 x 10
29	72.48	73.85	78	6F	15	48	50 x 10
30	75.02	76.39	83	6F	15	51	55 x 10
31	77.57	78.94	83	6F	15	53	55 x 10
32	80.12	81.49	87	6F	15	56	60 x 10
33	82.66	84.03	89	6F	15	58	60 x 10
34	85.21	86.58	91	6F	15	51	70 x 10

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
35	87.76	89.13	94	6F	15	63	70 x 10
36	90.30	91.67	98,5	6F	15	66	70 x 10
37	92.85	94.22	98,5	6F	15	68	75 x 10
38	95.40	96.77	103	6F	15	71	75 x 10
39	97.94	99.31	104	6F	15	73	75 x 10
40	100.49	101.86	106	6F	15	76	75 x 10
41	103.04	104.41	109	6F	15	79	75 x 10
42	105.58	106.95	111	6F	15	81	75 x 10
43	108.13	109.50	114	6F	15	84	75 x 10
44	110.68	112.05	119	6F	15	86	75 x 10
45	113.22	114.59	119	6F	15	89	75 x 10
46	115.77	117.14	123	6F	15	91	75 x 10
47	118.31	119.68	125	6F	15	94	75 x 10
48	120.86	122.23	127	6F	15	96	75 x 10
49	123.41	124.78	130	6F	15	99	75 x 10

■ = Standard stock pulleys

Some types, db and dv may deviate



HTD 8M

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
50	125.95	127.32	132	6/6F	15	101	75 x 10
51	128.50	129.87	135	6/6F	15	104	75 x 10
52	131.05	132.42	137	6/6F	15	107	75 x 10
53	133.59	134.96	140	6/6F	15	109	75 x 10
54	136.14	137.51	144	6/6F	15	112	75 x 10
55	138.69	140.06	146	6/6F	15	114	75 x 10
56	141.23	142.60	148	6WF/10WF	15	117	80 x 10
57	143.78	145.15	150	6/6F	15	119	80 x 10
58	146.33	147.70	154	6/6F	15	122	80 x 10
59	148.87	150.24	156	6/6F	15	124	80 x 10
60	151.42	152.79	158	6/6F	15	127	80 x 10
61	153.97	155.34	162	6/6F	15	129	80 x 10
62	156.51	157.88	164	6/6F	15	132	80 x 10
63	159.06	160.43	166	6/6F	15	135	80 x 10
64	161.60	162.97	168	6WF/10WF	15	137	80 x 10
65	164.15	165.52	172	6/6F	15	140	80 x 10
66	166.70	168.07	174	6/6F	15	142	80 x 10
67	169.24	170.61	176	6/6F	15	145	80 x 10
68	171.79	173.16	178	6/6F	15	147	80 x 10
69	174.34	175.71	182	6/6F	15	150	80 x 10
70	176.88	178.25	184	6/6F	15	152	80 x 10
71	179.43	180.80	186	6/6F	15	155	80 x 10
72	181.98	183.35	192	6WF/10WF	15	157	80 x 10
73	184.52	185.89	-	6	15	160	80 x 10
74	187.07	188.44	-	6	15	163	80 x 10
75	189.62	190.99	-	6	15	165	80 x 10
76	192.16	193.53	-	6	15	168	80 x 10
77	194.71	196.08	-	6	15	170	80 x 10
78	197.26	198.63	-	6	15	173	80 x 10
79	199.80	201.17	-	6	15	175	80 x 10
80	202.35	203.72	-	6A/10A	15	178	90 x 10
81	204.89	206.26	-	6	15	180	90 x 10
82	207.44	208.81	-	6	15	183	90 x 10
83	209.99	211.36	-	6	15	185	90 x 10
84	212.53	213.90	-	6	15	188	90 x 10
85	215.08	216.45	-	6	15	191	90 x 10
86	217.63	219.00	-	6	15	193	90 x 10
87	220.17	221.54	-	6	15	196	90 x 10
88	222.72	224.09	-	6	15	198	90 x 10
89	225.27	226.64	-	6	15	201	90 x 10
90	227.81	229.18	-	6A/10A	18	203	90 x 10
91	230.36	231.73	-	6	18	206	90 x 10
92	232.91	234.28	-	6	18	208	90 x 10
93	235.45	236.82	-	6	18	211	90 x 10

z	dk (mm)	do (mm)	db (mm)	Type	dv (mm)	dmax (mm)	Hub (WxH) (mm)
94	238.00	239.37	-	6	18	214	90 x 10
95	240.88	241.92	-	6	18	216	90 x 10
96	243.09	244.46	-	6	18	219	90 x 10
97	245.64	247.01	-	6	18	221	90 x 10
98	248.18	249.55	-	6	18	224	90 x 10
99	250.73	252.10	-	6	18	226	90 x 10
100	253.28	254.65	-	6	18	229	90 x 10
101	255.82	257.19	-	6	18	231	90 x 10
102	258.37	259.74	-	6	18	234	90 x 10
103	260.92	262.29	-	6	18	236	90 x 10
104	263.46	264.83	-	6	18	239	90 x 10
105	266.01	267.38	-	6	18	242	90 x 10
106	268.56	269.93	-	6	18	244	90 x 10
107	271.10	272.47	-	6	18	247	90 x 10
108	273.65	275.02	-	6	18	249	90 x 10
109	276.20	277.57	-	6	18	252	90 x 10
110	278.74	280.11	-	6	18	254	90 x 10
111	281.29	282.66	-	6	18	257	90 x 10
112	283.84	285.21	-	6A/10A	20	259	90 x 10
113	286.38	287.75	-	6	20	262	90 x 10
114	288.93	290.30	-	6	20	264	90 x 10
115	291.47	292.84	-	6	20	267	90 x 10
116	294.02	295.39	-	6	20	270	90 x 10
117	296.57	297.94	-	6	20	272	90 x 10
118	299.11	300.48	-	6	20	275	90 x 10
119	301.66	303.03	-	6	20	277	90 x 10
120	304.21	305.58	-	6	20	280	90 x 10
121	306.75	308.12	-	6	20	282	90 x 10
122	309.30	310.67	-	6	20	285	90 x 10
123	311.85	313.22	-	6	20	287	90 x 10
124	314.39	315.76	-	6	20	290	90 x 10
125	316.94	318.31	-	6	20	292	90 x 10
126	319.49	320.86	-	6	20	295	90 x 10
127	322.03	323.40	-	6	20	298	90 x 10
128	324.58	325.95	-	6	20	300	90 x 10
129	327.13	328.50	-	6	20	300	90 x 10
144	365.32	366.69	-	6A/10A	20	300	90 x 10
168	426.44	427.81	-	6A/10A	20	300	100 x 10
192	487.55	488.92	-	6A/10A	20	300	100 x 10