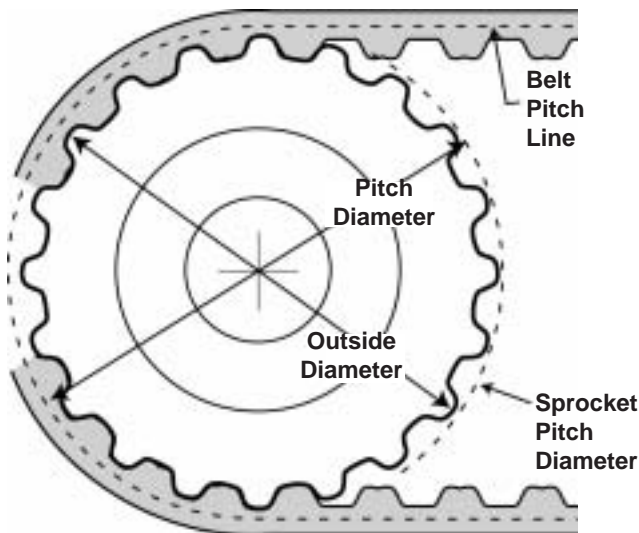
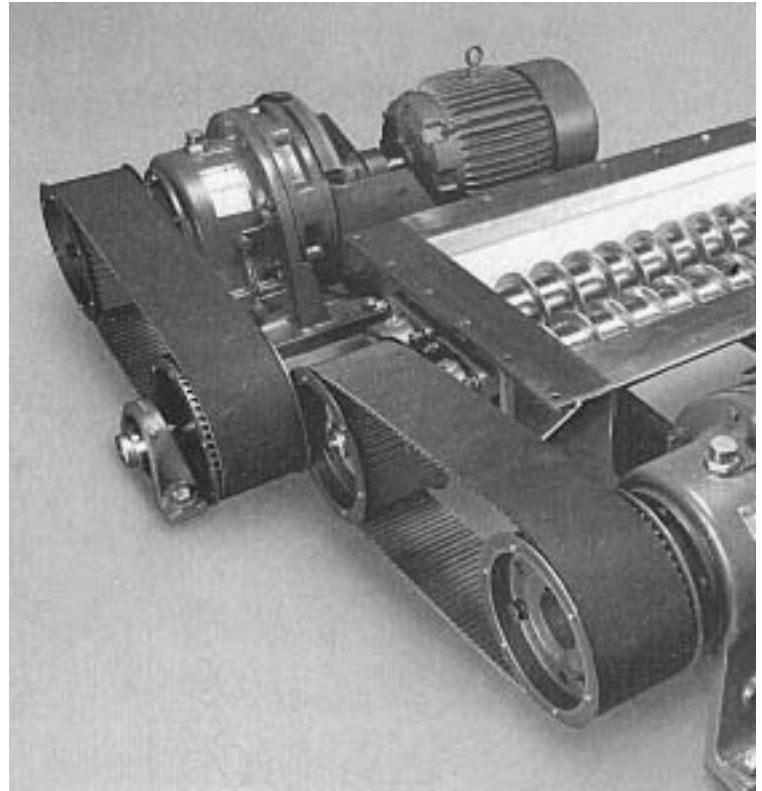


STOCK HTS SPROCKETS

FEATURES OF HTS DRIVES

- Positive Slip Proof Engagement
- Wide Speed Range
- Constant Driven Speeds
- Wide Range of Load Capabilities
- No Lubrication
- High Tension Eliminated
- High Mechanical Efficiency
- Economical Operation



HTS HIGH TORQUE SPROCKETS

- RPP Tooth Profile
- Available in 5mm, 8mm, 14mm & 20mm pitch
- Stocked in QD and Taper Bush Interchangeable Bushing Styles

HTS Drive Specification



HTS BELT DRIVE SPECIFICATIONS

Martin HTS sprockets are manufactured in various sizes, dimensions and capacities to meet industry requirements. This includes a wide range of loads, speeds, and demanding applications.

The following is an explanation of dimensional nomenclature for *Martin* HTS sprockets as well as belts currently available that will operate efficiently with the *Martin* tooth form.

The HTS sprocket has three primary dimensions:
(Number of Teeth/Pitch/Width)

The pitch is the distance in millimeters from the center of one tooth groove to the other and is measured on the sprocket's pitch circle. The pitch circle of the sprocket matches with the pitch line of the belt when in mesh. The sprocket pitch diameter is always greater than its outer diameter.

Note: Belts must be run with sprockets of the same pitch.

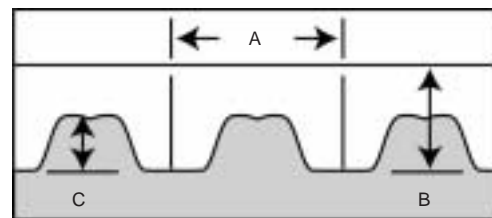
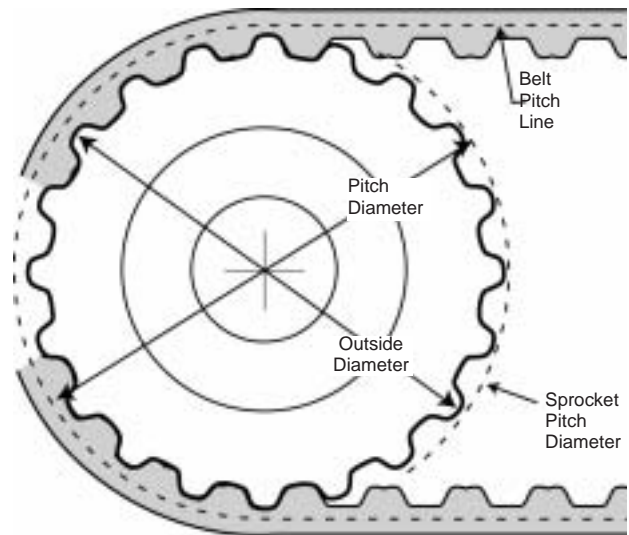
HTS sprockets are made in 5, 8, 14, 20mm pitches. Standard HTS sprockets are listed on pages K-73 through K-84. All pertinent dimensions as well as sprocket number and bushing type are listed for each belt width. *Martin* HTS sprockets, as with other components, consist of a simple numbering system. The following is an example of this system:

Sprocket Designation & No. of Teeth	Pitch mm	Width mm
P20	5M	25
P36	8M	50
P40	14M	115
P114	20M	170

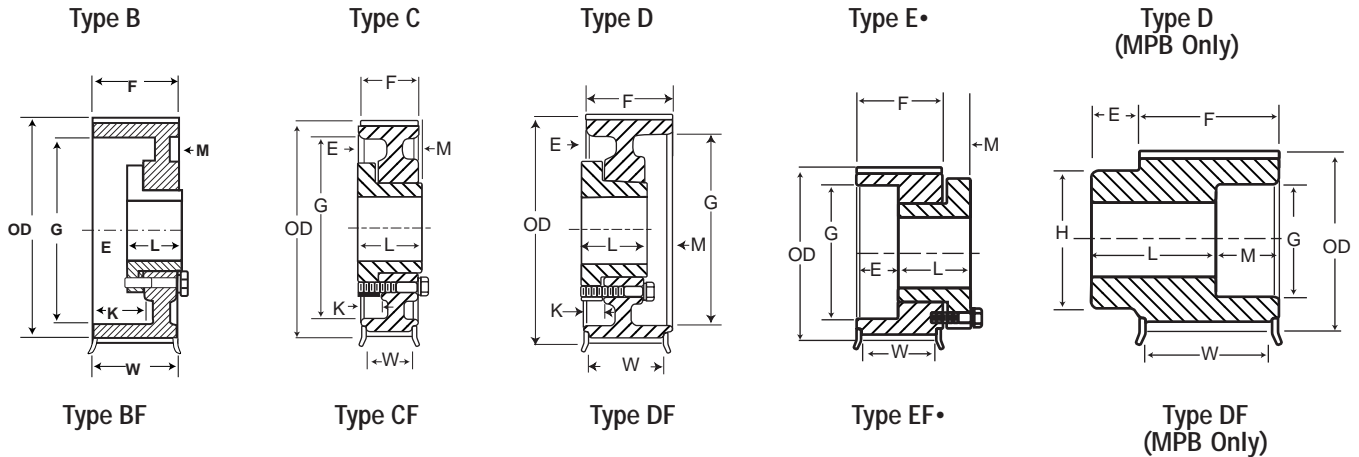
To find the QD or Taper bushing to be used with an HTS sprocket, refer to the pages K-73 thru K-84. For bushing information, as well as bore and keyway information, refer to section "B" pages B-6 through B-14.

As with the sprocket specifications, belt pitch is the measure between two adjacent tooth centers which is measured on the pitch line of the belt.

Note: The theoretical pitch line is within the tensile member. Belt length is the total length (circumference) in millimeters as could be measured along the pitch line.



Belt Pitch	A	B	C
5MM	5MM .197IN.	3.81MM .150IN.	2.08MM .082IN.
8MM	8MM .315IN.	6MM .236IN.	3.4MM .133IN.
14MM	14MM .552IN.	10MM .394IN.	6.0MM .237IN.
20MM	20MM .784IN.	13.2MM .520IN.	8.4MM .330IN.



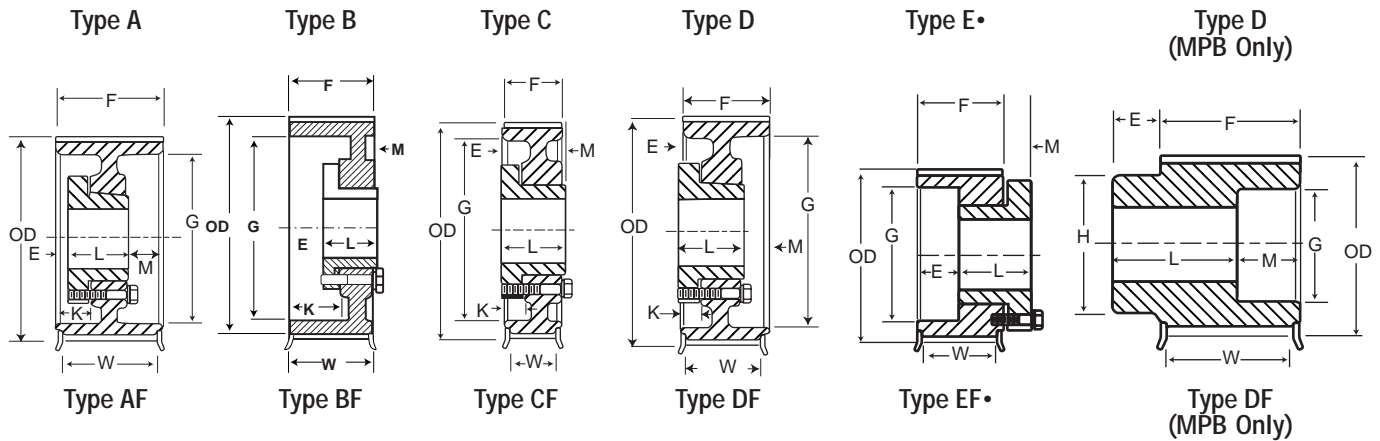
MPB 15mm (.591 in.) Wide Belts (5M-15)																
No. of Teeth	Catalog Number	Bore	Pitch	Diameter (in.)		Type +	Max. Bore	Dimensions (in.)							Weight* Approx. (lbs)	
				O.D.	Flange			E	L	M	K	H	F	G		W
32	P325M15-MPB	1/2	2.005	1.960	2.16	D1F	0.88	0.50	1.73	—	—	1.55	0.84	—	0.65	1.12
34	P345M15-MPB	1/2	2.130	2.085	2.29	D1F	1.00	0.50	1.73	—	—	1.68	0.84	—	0.65	1.25
36	P365M15-MPB	1/2	2.256	2.211	2.41	D1F	1.12	0.50	1.73	—	—	1.80	0.84	—	0.65	1.39
QD 15mm (.591in.) Wide Belts (5M-15)																
38	P385M15-JA	JA	2.381	2.336	2.54	●E1F	1.25	0.67	1.00	0.44	—	—	0.84	1.34	0.65	0.80
40	P405M15-JA	JA	2.506	2.461	2.66	●E1F	1.25	0.67	1.00	0.44	—	—	0.84	1.34	0.65	1.06
44	P445M15-JA	JA	2.757	2.712	2.91	●E1F	1.25	0.67	1.00	0.44	—	—	0.84	1.34	0.65	1.40
48	P485M15-JA	JA	3.008	2.963	3.16	B1F	1.25	0.23	1.00	0.00	0.67	—	0.84	2.36	0.65	1.20
52	P525M15-JA	JA	3.258	3.213	3.41	B1F	1.25	0.23	1.00	0.00	0.67	—	0.84	2.62	0.65	1.43
56	P565M15-SH	SH	3.509	3.464	3.66	D1F	1.68	0.08	1.25	0.06	0.42	—	0.84	2.86	0.65	1.64
60	P605M15-SH	SH	3.760	3.715	3.92	D1F	1.68	0.08	1.25	0.06	0.42	—	0.84	3.12	0.65	1.83
64	P645M15-SH	SH	4.010	3.965	4.16	D1F	1.68	0.08	1.25	0.06	0.42	—	0.84	3.37	0.65	2.16
68	P685M15-SDS	SDS	4.261	4.216	4.41	C1F	2.00	0.08	1.31	0.00	0.48	—	0.84	3.50	0.65	2.48
72	P725M15-SDS	SDS	4.511	4.466	4.66	C1F	2.00	0.08	1.31	0.00	0.48	—	0.84	3.75	0.65	2.84
80	P805M15-SDS	SDS	5.013	4.968	—	C1	2.00	0.08	1.31	0.00	0.48	—	0.84	4.25	0.65	3.61
90	P905M15-SDS	SDS	5.639	5.594	—	C1	2.00	0.08	1.31	0.00	0.48	—	0.84	4.88	0.65	4.69
112	P1125M15-SDS	SDS	7.018	6.973	—	C2	2.00	0.08	1.31	0.00	0.48	—	0.84	6.05	0.65	6.02
MPB 25mm (.984in.) Wide Belts (5M-25)																
32	P325M25-MPB	1/2	2.005	1.960	2.16	D1F	0.88	0.50	1.34	—	—	1.55	1.23	—	1.04	0.84
34	P345M25-MPB	1/2	2.130	2.085	2.29	D1F	1.00	0.50	1.34	—	—	1.68	1.23	—	1.04	0.93
36	P365M25-MPB	1/2	2.256	2.211	2.41	D1F	1.12	0.50	1.34	—	—	1.80	1.23	—	1.04	1.03
QD 25mm (.984in.) Wide Belts (5M-25)																
38	P385M25-JA	JA	2.381	2.336	2.54	●E1F	1.25	0.28	1.00	0.44	—	—	1.23	1.34	1.04	0.61
40	P405M25-JA	JA	2.506	2.461	2.66	●E1F	1.25	0.28	1.00	0.44	—	—	1.23	1.34	1.04	0.72
44	P445M25-JA	JA	2.757	2.712	2.91	●E1F	1.25	0.28	1.00	0.44	—	—	1.23	1.34	1.04	0.95
48	P485M25-JA	JA	3.008	2.963	3.16	C1F	1.25	0.16	1.00	0.00	0.28	—	1.23	2.36	1.04	0.97
52	P525M25-JA	JA	3.258	3.213	3.41	C1F	1.25	0.16	1.00	0.00	0.28	—	1.23	2.62	1.04	1.17
56	P565M25-SH	SH	3.509	3.464	3.66	D1F	1.68	0.50	1.25	0.09	0.00	—	1.23	—	1.04	1.37
60	P605M25-SH	SH	3.760	3.715	3.92	D1F	1.68	0.50	1.25	0.09	0.00	—	1.23	—	1.04	1.68
64	P645M25-SH	SH	4.010	3.965	4.16	D1F	1.68	0.50	1.25	0.09	0.00	—	1.23	—	1.04	1.80
68	P685M25-SDS	SDS	4.261	4.216	4.41	C1F	2.00	0.47	1.31	0.00	0.09	—	1.23	3.50	1.04	2.10
72	P725M25-SDS	SDS	4.511	4.466	4.66	C1F	2.00	0.47	1.31	0.00	0.09	—	1.23	3.75	1.04	2.43
80	P805M25-SDS	SDS	5.013	4.968	—	C1	2.00	0.47	1.31	0.00	0.09	—	1.23	4.25	1.04	3.15
90	P905M25-SDS	SDS	5.639	5.594	—	C1	2.00	0.47	1.31	0.00	0.09	—	1.23	4.88	1.04	4.17
112	P1125M25-SDS	SDS	7.018	6.973	—	C1	2.00	0.47	1.31	0.00	0.09	—	1.23	6.05	1.04	5.16

* Weight Shown is for Sprocket Less Bushing.

● Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

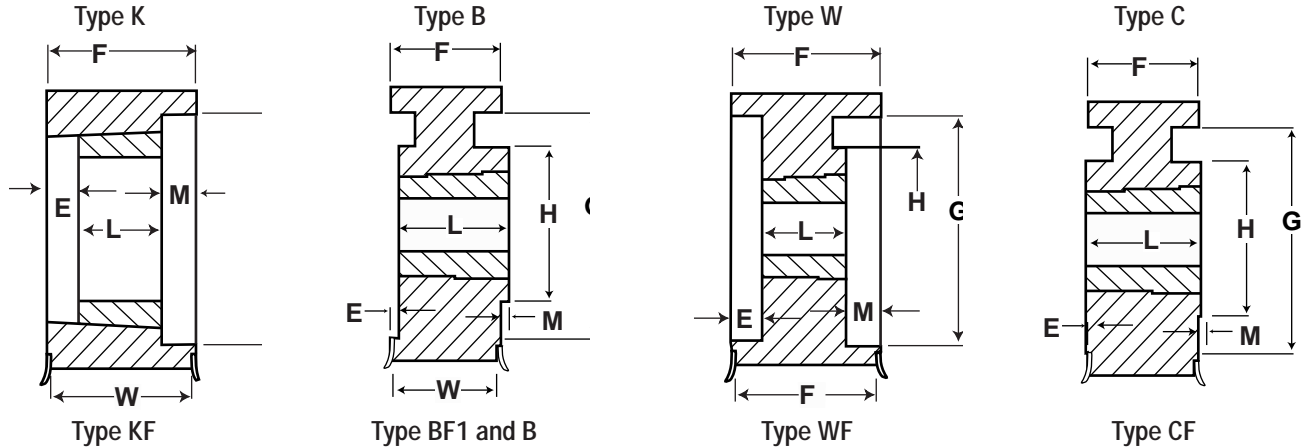
High Torque Sprockets 8mm



MPB 20mm (.787 in.) Wide Belts (8M-20)																
No. of Teeth	Catalog Number	Bore	Pitch	Diameter (in.)		Type +	Max. Bore	Dimensions (in.)							Weight* Approx. (lbs)	
				O.D.	Flange			E	L	M	K	H	F	G		W
20	P208M20-MPB	1/2	2.005	1.951	2.375	D1F	7/8	3/8	1 1/4	0	—	1 1/2	1 1/2	—	7/8	.90
21	P218M20-MPB	1/2	2.105	2.051	2.468	D1F	1	3/8	1 1/4	0	—	1 1/2	1 1/2	—	7/8	1.00
22	P228M20-MPB	1/2	2.206	2.152	2.562	D1F	1 1/16	3/8	1 1/4	0	—	1 1/2	1 1/2	—	7/8	1.60
QD 20mm (.787 in.) Wide Belts (8M-20)																
24	P248M20-JA	JA	2.406	2.352	2.750	●E1F	1 1/4	3/16	1 1/8	3/16	—	—	1 1/2	1.34	7/8	1.50
26	P268M20-JA	JA	2.607	2.553	2.937	●E1F	1 1/4	3/16	1 1/8	3/16	—	—	1 1/2	1.34	7/8	1.80
28	P288M20-H	H	2.807	2.753	3.156	●E1F	1 1/2	3/8	1 1/4	3/8	—	—	1 1/2	1.57	7/8	1.40
30	P308M20-H	H	3.008	2.954	3.344	●E1F	1 1/2	3/8	1 1/4	3/8	—	—	1 1/2	1.57	7/8	1.90
32	P328M20-H	H	3.208	3.154	3.562	C1F	1 1/2	3/8	1 1/4	0	1/4	—	1 1/2	2.56	7/8	2.00
34	P348M20-SH	SH	3.409	3.355	3.750	D1F	1 1/16	3/16	1 1/4	1/16	—	—	1 1/2	2.75	7/8	2.20
36	P368M20-SH	SH	3.609	3.555	3.937	D1F	1 1/16	3/16	1 1/4	1/16	—	—	1 1/2	2.82	7/8	2.50
38	P388M20-SH	SH	3.810	3.756	4.156	D1F	1 1/16	3/16	1 1/4	1/16	3/16	—	1 1/2	3.00	7/8	2.80
40	P408M20-SH	SH	4.010	3.956	4.344	D1F	1 1/16	3/16	1 1/4	1/16	3/16	—	1 1/2	3.00	7/8	3.00
44	P448M20-SDS	SDS	4.411	4.357	4.750	C1F	2	3/16	1 1/4	0	3/8	—	1 1/2	3.50	7/8	3.20
48	P488M20-SDS	SDS	4.812	4.758	5.157	C1F	2	3/16	1 1/4	0	3/8	—	1 1/2	3.8	7/8	3.40
56	P568M20-SDS	SDS	5.614	5.560	5.937	C1F	2	3/16	1 1/4	0	3/8	—	1 1/2	4.6	7/8	4.50
64	P648M20-SDS	SDS	6.416	6.362	6.750	C1F	2	3/16	1 1/4	0	3/8	—	1 1/2	5.4	7/8	5.50
72	P728M20-SDS	SDS	7.218	7.164	7.562	C1F	2	3/16	1 1/4	0	3/8	—	1 1/2	6.2	7/8	6.00
80	P808M20-SDS	SDS	8.020	7.966	8.375	C2F	2	3/16	1 1/4	0	3/8	—	1 1/2	6.9	7/8	6.50
90	P908M20-SDS	SDS	9.023	8.969	—	C2	2	3/16	1 1/4	0	3/8	—	1 1/2	7.62	—	7.00
112	P1128M20-SK	SK	11.229	11.175	—	C3	2 3/8	3/4	1 1/2	1/16	1/16	—	1 1/2	9.87	—	10.50
144	P1448M20-SF	SF	14.447	14.388	—	C3	2 5/16	3/4	2 1/4	1/16	1/16	—	1 1/2	12.88	—	14.50
Taper Bushed 20mm (.787 in.) Wide Belts (8M-20)																
24	P248M20-1108	1108	2.406	2.352	2.75	KF-1	1	1/16	7/8	3/16	—	—	1 1/2	1.783	7/8	.7
26	P268M20-1108	1108	2.607	2.553	2.94	KF-1	1	1/16	7/8	3/16	—	—	1 1/2	1.971	7/8	.9
28	P288M20-1108	1108	2.807	2.753	3.16	KF-1	1	1/16	7/8	3/16	—	—	1 1/2	2.000	7/8	1.2
30	P308M20-1210	1210	3.008	2.954	3.34	KF-1	1 1/4	1/8	1	—	—	—	1 1/2	0	7/8	1.2
32	P328M20-1210	1210	3.208	3.154	3.56	KF-1	1 1/4	1/8	1	—	—	—	1 1/2	0	7/8	1.4
34	P348M20-1610	1610	3.409	3.355	3.75	KF-1	1 1/16	1/8	1	—	—	—	1 1/2	0	7/8	1.4
36	P368M20-1610	1610	3.609	3.555	3.94	KF-1	1 1/16	1/8	1	—	—	—	1 1/2	0	7/8	1.7
38	P388M20-1610	1610	3.810	3.756	4.16	KF-1	1 1/16	1/8	1	—	—	—	1 1/2	0	7/8	2.0
40	P408M20-1610	1610	4.010	3.956	4.34	KF-1	1 1/16	1/8	1	—	—	—	1 1/2	0	7/8	2.4
44	P448M20-2012	2012	4.411	4.357	4.75	CF-1	2 1/2	—	1 1/4	1/8	—	3 7/32	1 1/2	0	7/8	2.6
48	P488M20-2012	2012	4.812	4.758	5.16	CF-1	2 1/2	—	1 1/4	1/8	—	3 3/8	1 1/2	0	7/8	3.4
56	P568M20-2012	2012	5.614	5.560	5.94	CF-1	2 1/2	—	1 1/4	1/8	—	3 3/8	1 1/2	0	7/8	5.3
64	P648M20-2012	2012	6.416	6.362	6.75	CF-1	2 1/2	—	1 1/4	1/8	—	4 1/8	1 1/2	0	7/8	7.5
72	P728M20-2012	2012	7.218	7.164	7.56	CF-1	2 1/2	—	1 1/4	1/8	—	4 1/8	1 1/2	0	7/8	9.9
80	P808M20-2517	2517	8.020	7.966	8.38	CF-2	2 1/16	—	1 1/4	3/8	—	4 1/8	1 1/2	6.900	7/8	11.9
90	P908M20-2517	2517	9.023	8.969	—	C-2	2 1/16	—	1 1/4	3/8	—	—	1 1/2	7.630	—	12.9

* Weight Shown is for Sprocket Less Bushing.
● Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

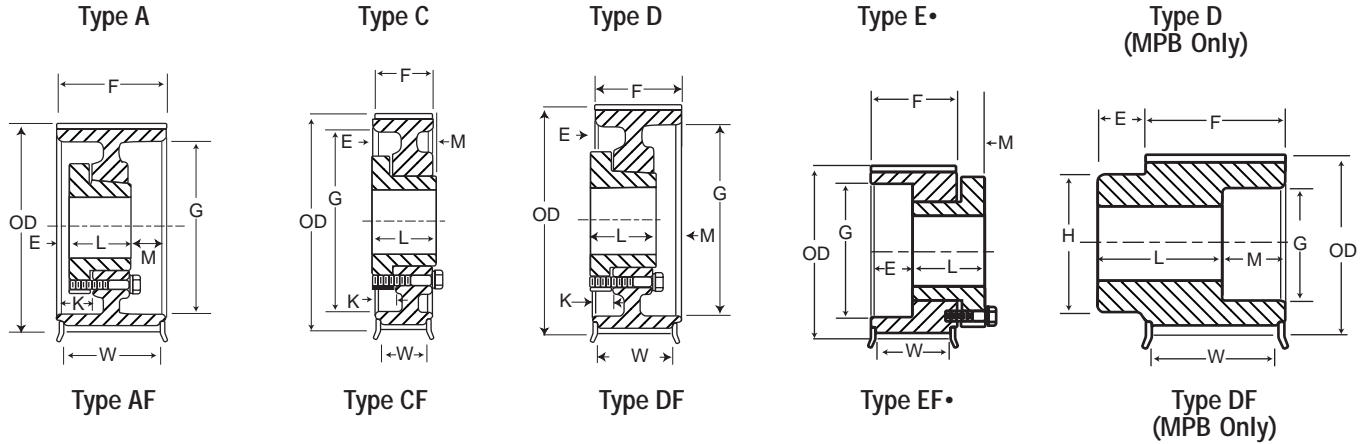


MPB 30mm (1.18in.) Wide Belts (8M-30)																
No. of Teeth	Catalog Number	Bore	Pitch	Diameter (in.)		Type +	Max. Bore	Dimensions (in.)							Weight* Approx. (lbs)	
				O.D.	Flange			E	L	M	K	H	F	G		W
20	P208M30-MPB	½	2.005	1.951	2.375	D1F	¾	¾	2½	0	—	1½	1½	—	1½	1.10
30	P218M30-MPB	½	2.105	2.051	2.468	D1F	1	¾	2½	0	—	1½	1½	—	1½	1.30
22	P228M30-MPB	½	2.206	2.152	2.562	D1F	1¼	¾	2½	0	—	1½	1½	—	1½	1.40
24	P248M30-MPB	½	2.406	2.352	2.750	D1F	1¼	¾	2½	0	—	1¾	1½	—	1¼	1.80
26	P268M30-MPB	½	2.607	2.553	2.937	D1F	1¼	¾	2½	0	—	2	1½	—	1¼	2.20
QD 30mm (1.18in.) Wide Belts (8M-30)																
28	P288M30-H	H	2.807	2.753	3.156	●E1F	1¼	¾	1¼	¾	—	—	1½	1.57	1¼	1.70
30	P308M30-H	H	3.008	2.954	3.344	●E1F	1½	¾	1¼	¾	—	—	1½	1.57	1¼	1.90
32	P328M30-H	H	3.208	3.154	3.562	B1F	1½	¾	1¼	0	¾	—	1½	2.56	1¼	2.10
34	P348M30-SH	SH	3.409	3.355	3.750	A1F	1¾	¾	1¼	½	1¼	—	1½	2.75	1¼	2.40
36	P368M30-SH	SH	3.609	3.555	3.937	A1F	1¾	¾	1¼	½	1¼	—	1½	2.82	1¼	2.80
38	P388M30-SH	SH	3.810	3.756	4.156	A1F	1¾	¾	1¼	½	1¼	—	1½	3.00	1¼	3.20
40	P408M30-SH	SH	4.010	3.956	4.344	A1F	1¾	¾	1¼	½	1¼	—	1½	3.00	1¼	3.60
44	P448M30-SDS	SDS	4.411	4.357	4.750	B1F	1¾	¾	1¼	0	¾	—	1½	3.50	1¼	3.80
48	P488M30-SDS	SDS	4.812	4.758	5.157	B1F	2	¾	1½	0	¾	—	1½	3.80	1¼	4.20
56	P568M30-SDS	SDS	5.614	5.560	5.937	B1F	2	¾	1½	0	¾	—	1½	4.60	1¼	4.80
64	P648M30-SK	SK	6.416	6.362	6.750	C1F	2	¾	1½	0	¾	—	1½	5.40	1¼	6.10
72	P728M30-SK	SK	7.218	7.164	7.562	C1F	2½	¾	1½	0	¾	—	1½	6.20	1¼	6.80
80	P808M30-SK	SK	8.020	7.966	8.375	C2F	2½	¾	1½	0	¾	—	1½	6.90	1¼	7.50
90	P908M30-SK	SK	9.023	8.969	—	C2	2½	¾	1½	0	¾	—	1½	7.62	—	11.00
112	P1128M30-SK	SK	11.229	11.175	—	C3	2½	¾	1½	0	¾	—	1½	9.87	—	13.00
144	P1448M30-SF	SF	14.447	14.383	—	C3	2¾	¾	2½	0	¾	—	1½	12.88	—	25.50
192	P1928M30-E	E	19.249	19.195	—	C3	—	1¾	2½	½	¾	—	1½	17.63	—	30.00
Taper Bushed 30mm (1.18in.) Wide Belts (8M-30)																
24	P248M30-1108	1108	2.406	2.352	2.75	KF-1	1	¾	¾	½	—	—	1½	1.783	1¼	.9
26	P268M30-1108	1108	2.607	2.553	2.94	KF-1	1	¾	¾	½	—	—	1½	1.971	1¼	1.2
28	P288M30-1108	1108	2.807	2.753	3.16	KF-1	1	¾	¾	½	—	—	1½	2.000	1¼	1.6
30	P308M30-1210	1210	3.008	2.954	3.34	KF-1	1¼	¾	1	¾	—	—	1½	2.345	1¼	1.5
32	P328M30-1210	1210	3.208	3.154	3.56	KF-1	1¼	¾	1	¾	—	—	1½	2.560	1¼	1.9
34	P348M30-1610	1610	3.409	3.355	3.75	KF-1	1¾	¾	1	¾	—	—	1½	2.750	1¼	2.3
36	P368M30-1610	1610	3.609	3.555	3.94	KF-1	1¾	¾	1	¾	—	—	1½	2.820	1¼	2.2
38	P388M30-1610	1610	3.810	3.756	4.16	KF-1	1¾	¾	1	¾	—	—	1½	3.000	1¼	2.7
40	P408M30-2012	2012	4.010	3.956	4.34	KF-1	2½	—	1¼	—	—	—	1½	3.250	1¼	2.4
44	P448M30-2012	2012	4.411	4.357	4.75	KF-1	2½	—	1¼	—	¼	—	1½	3.500	1¼	3.4
48	P488M30-2012	2012	4.812	4.758	5.16	KF-1	2½	—	1¼	—	¼	—	1½	3.800	1¼	4.5
56	P568M30-2012	2012	5.614	5.560	5.94	KF-1	2½	—	1¼	—	¼	—	1½	4.600	1¼	7.0
64	P648M30-2517	2517	6.416	6.362	6.75	CF-1	2¾	—	1¼	—	¼	4½	1½	0	1¼	8.9
72	P728M30-2517	2517	7.218	7.164	7.56	CF-1	2¾	—	1¼	—	¼	4½	1½	0	1¼	12.1
80	P808M30-2517	2517	8.020	7.966	8.38	CF-2	2¾	—	1¼	—	¼	4½	1½	0	1¼	15.8
90	P908M30-2517	2517	9.023	8.969	—	C-2	2¾	¾	1¼	—	¾	4½	1½	7.630	—	13.8
112	P1128M30-2517	2517	11.229	11.175	—	C-3	2¾	¾	1¼	—	¾	4½	1½	9.880	—	23.5

* Weight Shown is for Sprocket Less Bushing.
● Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

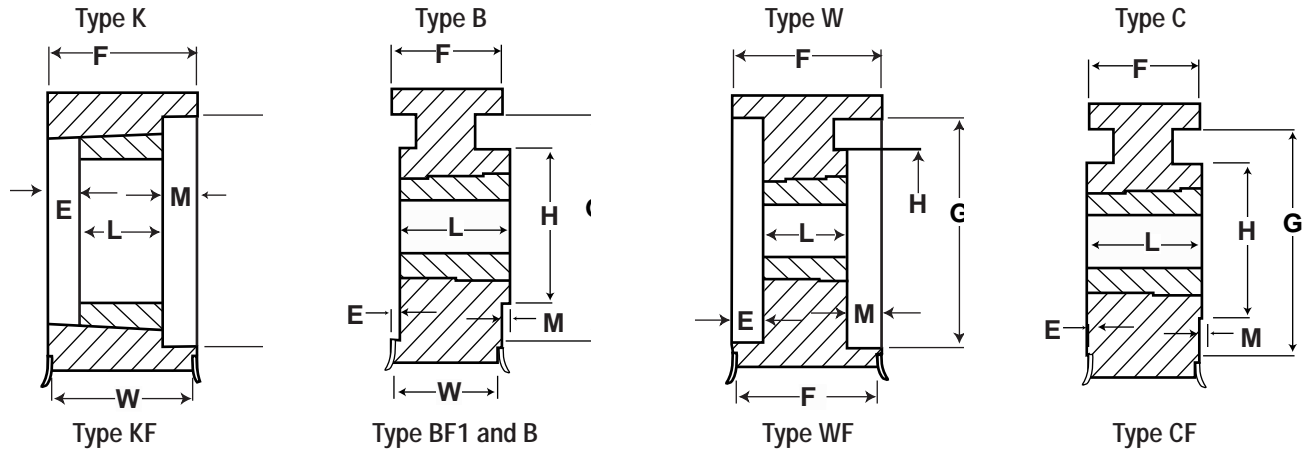
High Torque Sprockets 8mm



MPB 50mm (1.97 in.) Wide Belts (8M-50)																	
No. of Teeth	Catalog Number	Bore	Pitch	Diameter (in.)		Type +	Max. Bore	Dimensions (in.)								Weight* Approx. (lbs)	
				O.D.	Flange			E	L	M	K	H	F	G	W		
28	P288M50-MPB	1/2	2.807	2.753	3.156	D1F	1 1/4	3/4	3 3/8	0	—	2 1/2	2 1/2	—	2 1/2	4.2	
30	P308M50-MPB	1/2	3.008	2.954	3.344	D1F	1 1/4	3/4	3 3/8	0	—	2 15/32	2 1/2	—	2 1/2	4.9	
32	P328M50-MPB	1/2	3.208	3.154	3.562	D1F	1 1/4	3/4	3 3/8	0	—	2 19/32	2 1/2	—	2 1/2	5.4	
QD 50mm (1.97 in.) Wide Belts (8M-50)																	
32	P328M50-H	H	3.208	3.154	3.562	A1F	1 1/4	1/2	1 1/4	1/2	—	2 1/2	2.56	2 1/2	2.9		
34	P348M50-SH	SH	3.409	3.355	3.750	A1	1 1/4	0	1 1/4	1 1/2	—	2 1/2	2.75	2 1/2	3.2		
36	P368M50-SH	SH	3.609	3.555	3.937	A1	1 1/4	0	1 1/4	1 1/2	—	2 1/2	2.82	2 1/2	3.8		
38	P388M50-SH	SH	3.810	3.756	4.156	A1	1 1/4	0	1 1/4	1 1/2	—	2 1/2	3.00	2 1/2	4.2		
40	P408M50-SH	SH	4.010	3.956	4.344	A1	1 1/4	0	1 1/4	1 1/2	—	2 1/2	3.00	2 1/2	4.6		
44	P448M50-SD	SD	4.411	4.357	4.750	A1	2	0	1 1/4	1 1/2	—	2 1/2	3.50	2 1/2	5.2		
48	P488M50-SD	SD	4.812	4.758	5.157	A1	2	0	1 1/4	1 1/2	—	2 1/2	3.80	2 1/2	6.0		
56	P568M50-SK	SK	5.614	5.560	5.937	D1F	2 1/2	1/2	1 1/2	1 1/2	—	2 1/2	4.60	2 1/2	7.6		
64	P648M50-SK	SK	6.416	6.362	6.750	D1F	2 1/2	1/2	1 1/2	1 1/2	—	2 1/2	5.40	2 1/2	10.3		
72	P728M50-SK	SK	7.218	7.164	7.562	D1F	2 1/2	1/2	1 1/2	1 1/2	—	2 1/2	6.20	2 1/2	13.3		
80	P808M50-SF	SF	8.020	7.966	8.326	D1F	2 1/2	1/2	1 1/2	1 1/2	—	2 1/2	6.90	2 1/2	12.7		
90	P908M50-SF	SF	9.023	8.969	—	D2	2 1/2	1/2	2	1 1/2	—	2 1/2	7.62	2 1/2	16.0		
112	P1128M50-SF	SF	11.229	11.175	—	D3	2 1/2	1/2	2	1 1/2	—	2 1/2	9.88	2 1/2	21.0		
144	P1448M50-E	E	14.437	14.383	—	D3	3 1/2	1/2	2 1/2	2	—	2 1/2	12.88	2 1/2	35.0		
192	P1928M50-E	E	19.249	19.195	—	D3	3 1/2	1/2	2 1/2	2	—	2 1/2	17.63	2 1/2	45.0		
Taper Bushed 50mm (1.97 in.) Wide Belts (8M-50)																	
28	P288M50-1108	1108	2.807	2.753	3.16	KF-1	1	—	1 1/2	—	—	2 1/2	2.000	2 1/2	2.1		
30	P308M50-1210	1210	3.008	2.954	3.34	KF-1	1 1/4	—	1	1 1/2	—	2 1/2	2.345	2 1/2	2.2		
32	P328M50-1210	1210	3.208	3.154	3.56	KF-1	1 1/4	—	1	1 1/2	—	2 1/2	2.560	2 1/2	2.1		
34	P348M50-1610	1610	3.409	3.355	3.75	KF-1	1 1/4	—	1	1 1/2	—	2 1/2	2.750	2 1/2	2.1		
36	P368M50-1610	1610	3.609	3.555	3.94	KF-1	1 1/4	—	1	1 1/2	—	2 1/2	2.820	2 1/2	2.7		
38	P388M50-1610	1610	3.810	3.756	4.16	KF-1	1 1/4	—	1	1 1/2	—	2 1/2	3.000	2 1/2	3.1		
40	P408M50-2012	2012	4.010	3.956	4.34	KF-1	2	—	1 1/4	1 1/2	—	2 1/2	3.250	2 1/2	3.4		
44	P448M50-2012	2012	4.411	4.357	4.75	KF-1	2	—	1 1/4	1 1/2	—	2 1/2	3.500	2 1/2	4.3		
48	P488M50-2012	2012	4.812	4.758	5.16	KF-1	2 1/2	—	1 1/4	1 1/2	—	2 1/2	3.800	2 1/2	5.5		
56	P568M50-2517	2517	5.614	5.560	5.94	KF-1	2 1/2	—	1 1/4	1 1/2	—	2 1/2	4.600	2 1/2	8.1		
64	P648M50-2517	2517	6.416	6.362	6.75	KF-1	2 1/2	—	1 1/4	1 1/2	—	2 1/2	5.400	2 1/2	11.7		
72	P728M50-2517	2517	7.218	7.164	7.56	KF-1	2 1/2	—	1 1/4	1 1/2	—	2 1/2	6.200	2 1/2	15.7		
80	P808M50-2517	2517	8.020	7.966	8.38	KF-1	2 1/2	—	1 1/4	1 1/2	—	2 1/2	6.900	2 1/2	20.3		
90	P908M50-3020	3020	9.023	8.969	—	W-1	3 1/4	—	2	1 1/2	—	2 1/2	7.630	2 1/2	31.7		
112	P1128M50-3020	3020	11.229	11.175	—	W-3	3 1/4	—	2	1 1/2	6 1/2	2 1/2	9.880	2 1/2	34.7		
144	P1448M50-3020	3020	14.437	14.383	—	W-3	3 1/4	—	2	1 1/2	7 1/2	2 1/2	12.880	2 1/2	36.0		
192	P1928M50-3020	3020	19.249	19.195	—	W-3	3 1/4	—	2	1 1/2	7 1/2	2 1/2	17.630	2 1/2	67.2		

* Weight Shown is for Sprocket Less Bushing. + The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.
 ● Reverse Mount Only

PULLEYS

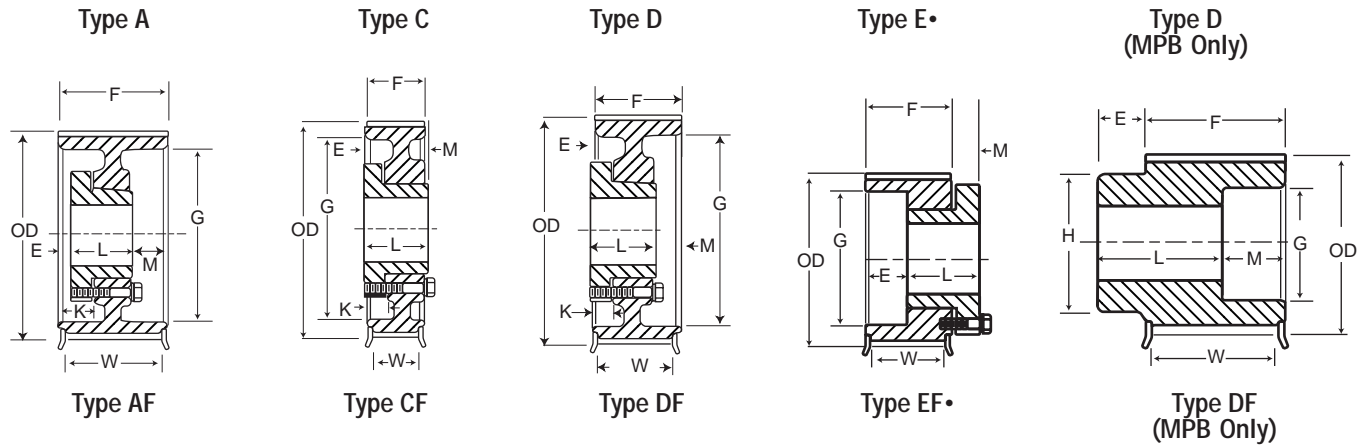


MPB 85mm (3.35 in.) Wide Belts (8M-85)																
No. of Teeth	Catalog Number	Bore	Pitch	Diameter (in.)		Type +	Max. Bore	Dimensions (in.)								Weight Approx. (lbs)
				O.D.	Flange			E	L	M	K	H	F	G	W	
34	P348M85-MPB	3/4	3.409	3.355	3.750	D1F	1 1/16	3/4	4 1/2	0	—	2 5/16	3 3/4	—	3 1/2	10.00
36	P368M85-MPB	3/4	3.609	3.555	3.937	D1F	1 1/4	3/4	4 1/2	0	—	3	3 3/4	—	3 1/2	11.30
38	P388M85-MPB	3/4	3.810	3.756	4.156	D1F	1 5/16	3/4	4 1/2	0	—	3 3/16	3 3/4	—	3 1/2	12.60
40	P408M85-MPB	3/4	4.010	3.956	4.344	D1F	2 1/8	3/4	4 1/2	0	—	3 13/32	3 3/4	—	3 1/2	14.90
44	P448M85-MPB	3/4	4.411	4.357	4.750	D1F	2 1/4	3/4	4 1/2	0	—	3 5/16	3 3/4	—	3 1/2	17.20
48	P488M85-MPB	3/4	4.812	4.758	5.157	D1F	2 1/2	3/4	4 1/2	0	—	4 3/16	3 3/4	—	3 1/2	20.60
56	P568M85-MPB	7/8	5.614	5.560	5.937	D1F	3	3/4	4 1/2	0	—	5	3 3/4	—	3 1/2	28.00
QD 85mm (3.35 in.) Wide Belts (8M-85)																
34	P348M85-SH	SH	3.409	3.355	3.819	A1F	1 1/16	1	1 1/4	1 1/2	1 1/2	—	3 3/4	2.75	3 1/2	4.6
36	P368M85-SH	SH	3.609	3.555	3.937	A1F	1 1/16	1	1 1/4	1 1/2	1 1/2	—	3 3/4	2.82	3 1/2	5.2
38	P388M85-SH	SH	3.810	3.756	4.134	A1F	1 1/16	1	1 1/4	1 1/2	1 1/2	—	3 3/4	3.00	3 1/2	5.8
40	P408M85-SD	SD	4.010	3.956	4.344	A1F	2	1 1/16	1 1/4	1 1/2	1 1/4	—	3 3/4	3.25	3 1/2	5.6
44	P448M85-SD	SD	4.411	4.357	4.750	A1F	2	1 1/16	1 1/4	1 1/2	1 1/4	—	3 3/4	3.50	3 1/2	6.2
48	P488M85-SD	SD	4.812	4.758	5.157	A1F	2	1 1/16	1 1/4	1 1/2	1 1/4	—	3 3/4	3.80	3 1/2	7.8
56	P568M85-SK	SK	5.614	5.560	5.937	A1F	2 3/8	3/4	1 1/4	1 1/2	1 1/4	—	3 3/4	4.60	3 1/2	9.8
64	P648M85-SF	SF	6.416	6.362	6.750	A1F	2 3/8	3/4	1 1/4	1 1/2	1 1/4	—	3 3/4	5.40	3 1/2	13.0
72	P728M85-E	E	7.218	7.164	7.562	A1F	2 5/16	3/4	2	1 1/8	1 1/4	—	3 3/4	6.20	3 1/2	16.0
80	P808M85-E	E	8.020	7.966	8.375	A1 F	2 5/16	3/4	2	1 1/8	1 1/4	—	3 3/4	6.90	3 1/2	17.0
90	P908M85-E	E	9.023	8.969	—	A2	2 5/16	3/4	2	1 1/8	1 1/4	—	3 3/4	7.62	—	20.0
112	P1128M85-F	F	11.229	11.175	—	A3	2 5/16	3/4	2	1 1/8	1 1/4	—	3 3/4	9.88	—	28.0
144	P1448M85-F	F	14.447	14.383	—	A3	4	3/4	3 3/8	1 1/4	1 1/4	—	3 3/4	12 7/8	3 1/2	64.50
192	P1928M85-F	F	19.249	19.195	—	A3	4	3/4	3 3/8	1 1/2	1 1/4	—	3 3/4	17 1/4	3 1/2	78.10
Taper Bushed 85mm (3.35 in.) Wide Belts (8M-85)																
34	P348M85-1615	1615	3.409	3.355	3.75	WF-1	1 1/16	3/4	1 1/2	1 1/2	—	—	3 3/4	2.750	3 1/2	3.3
36	P368M85-1615	1615	3.609	3.555	3.94	WF-1	1 1/16	3/4	1 1/2	1 1/2	—	—	3 3/4	2.820	3 1/2	4.2
38	P388M85-1615	1615	3.810	3.756	4.16	WF-1	1 1/16	3/4	1 1/2	1 1/2	—	—	3 3/4	3.000	3 1/2	4.7
40	P408M85-2012	2012	4.010	3.956	4.34	WF-1	2 1/8	1 1/4	1 1/4	1 1/4	—	—	3 3/4	3.250	3 1/2	4.7
44	P448M85-2012	2012	4.411	4.357	4.75	WF-1	2 1/4	1 1/4	1 1/4	1 1/4	—	—	3 3/4	3.500	3 1/2	6.4
48	P488M85-2012	2012	4.812	4.758	5.16	WF-1	2 1/2	1 1/4	1 1/4	1 1/4	—	—	3 3/4	3.800	3 1/2	8.0
56	P568M85-2517	2517	5.614	5.560	5.94	WF-1	2 1/16	1	1 1/4	1	—	—	3 3/4	4.500	3 1/2	11.0
64	P648M85-2517	2517	6.416	6.362	6.75	WF-1	2 1/16	1	1 1/4	1	—	—	3 3/4	5.400	3 1/2	15.0
72	P728M85-3020	3020	7.218	7.164	7.56	WF-1	3 1/4	7/8	2	7/8	—	—	3 3/4	6.200	3 1/2	18.2
80	P808M85-3020	3020	8.020	7.966	8.38	WF-1	3 1/4	7/8	2	7/8	—	—	3 3/4	6.900	3 1/2	24.2
90	P908M85-3020	3020	9.023	8.969	—	W-1	3 3/4	7/8	2	7/8	—	—	3 3/4	7.630	—	31.9
112	P1128M85-3020	3020	11.229	11.175	—	W-3	3 3/4	7/8	2	7/8	—	6 1/4	3 3/4	9.880	—	34.6
144	P1448M85-3535	3535	14.437	14.383	—	W-3	3 5/16	7/8	3 1/2	1 1/8	—	7	3 3/4	12.880	—	49.6
192	P1928M85-3535	3535	19.249	19.195	—	W-3	3 5/16	7/8	3 1/2	1 1/8	—	7	3 3/4	17.630	—	81.4

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms), within the "Type" indicates construction and the letter F indicates the sprocket has flanges.

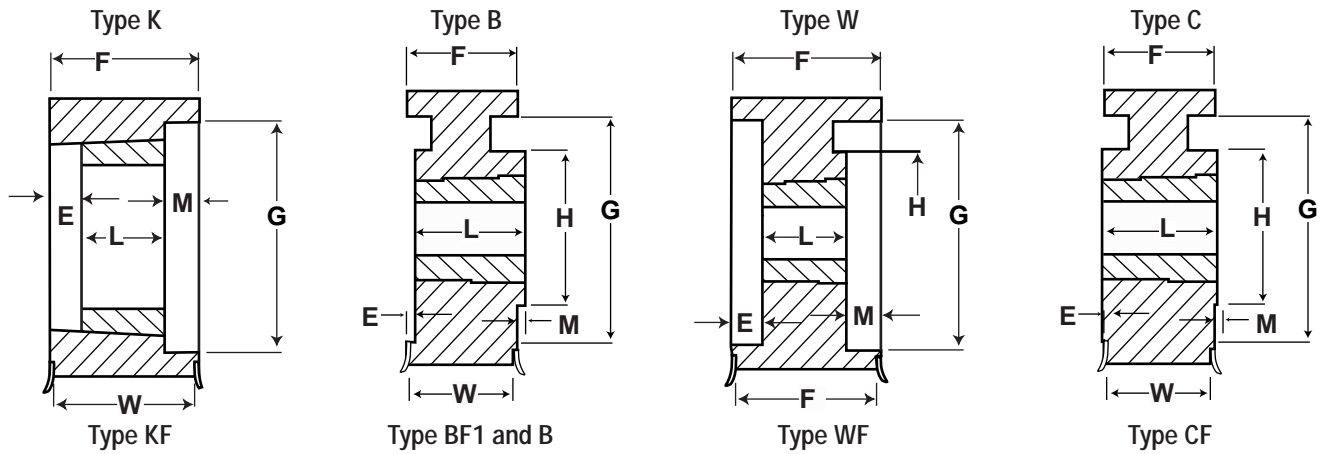
High Torque Sprockets 14mm



QD 40mm (1.570 in.) Wide Belts (140M-40)																
No. of Teeth	Catalog Number	Bore	P.D.	Diameter (in.)			Type +	Max. Bore	Dimensions (in.)							Weight Approx. (lbs)
				O.D.	Flange	E			L	M	K	H	F	G	W	
28	P2814M40-SK	SK	4.912	4.802	5.56	●E1F	2 $\frac{1}{2}$	$\frac{7}{8}$	1 $\frac{1}{2}$	$\frac{5}{8}$	—	—	2 $\frac{1}{2}$	3.13	1 $\frac{13}{16}$	5.5
29	P2914M40-SK	SK	5.088	4.978	5.56	●E1F	2 $\frac{1}{2}$	$\frac{7}{8}$	1 $\frac{1}{2}$	$\frac{5}{8}$	—	—	2 $\frac{1}{2}$	3.13	1 $\frac{13}{16}$	6.5
30	P3014M40-SK	SK	5.263	5.153	6.13	D1F	2 $\frac{1}{2}$	$\frac{3}{4}$	1 $\frac{1}{2}$	$\frac{7}{16}$	—	—	2 $\frac{1}{2}$	3.92	1 $\frac{13}{16}$	6.0
32	P3214M40-SK	SK	5.614	5.504	6.13	D1F	2 $\frac{1}{2}$	$\frac{3}{8}$	1 $\frac{1}{2}$	$\frac{7}{16}$	$\frac{7}{16}$	—	2 $\frac{1}{2}$	3.92	1 $\frac{13}{16}$	8.0
34	P3414M40-SK	SK	5.965	5.855	6.50	D1F	2 $\frac{1}{2}$	$\frac{3}{8}$	1 $\frac{1}{2}$	$\frac{7}{16}$	$\frac{7}{16}$	—	2 $\frac{1}{2}$	4.06	1 $\frac{13}{16}$	8.5
36	P3614M40-SF	SF	6.316	6.206	6.81	D1F	2 $\frac{1}{2}$	$\frac{3}{8}$	2	$\frac{5}{16}$	$\frac{7}{16}$	—	2 $\frac{1}{2}$	4.69	1 $\frac{13}{16}$	9.5
38	P3814M40-SF	SF	6.667	6.557	7.16	D1F	2 $\frac{1}{2}$	$\frac{3}{8}$	2	$\frac{5}{16}$	$\frac{7}{16}$	—	2 $\frac{1}{2}$	4.94	1 $\frac{13}{16}$	11.5
40	P4014M40-SF	SF	7.018	6.909	7.50	D1F	2 $\frac{1}{2}$	$\frac{3}{8}$	2	$\frac{5}{16}$	$\frac{7}{16}$	—	2 $\frac{1}{2}$	5.06	1 $\frac{13}{16}$	13.0
44	P4414M40-E	E	7.720	7.610	8.22	D1F	3 $\frac{1}{2}$	$\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	—	2 $\frac{1}{2}$	6.12	1 $\frac{13}{16}$	16.5
48	P4814M40-E	E	8.421	8.311	8.94	D1F	3 $\frac{1}{2}$	$\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	—	2 $\frac{1}{2}$	6.50	1 $\frac{13}{16}$	20.0
52	P5214M40-E	E	9.123	9.013	9.69	D1F	3 $\frac{1}{2}$	$\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	—	2 $\frac{1}{2}$	7.18	1 $\frac{13}{16}$	24.0
56	P5614M40-E	E	9.825	9.715	10.38	D1F	3 $\frac{1}{2}$	$\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	—	2 $\frac{1}{2}$	7.88	1 $\frac{13}{16}$	28.0
60	P6014M40-E	E	10.527	10.417	11.06	D1F	3 $\frac{1}{2}$	$\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	—	2 $\frac{1}{2}$	8.50	1 $\frac{13}{16}$	32.0
64	P6414M40-E	E	11.229	11.119	11.75	D2F	3 $\frac{1}{2}$	$\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	—	2 $\frac{1}{2}$	9.25	1 $\frac{13}{16}$	29.0
68	P6814M40-E	E	11.930	11.820	12.50	D2F	3 $\frac{1}{2}$	$\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	—	2 $\frac{1}{2}$	10.00	1 $\frac{13}{16}$	31.0
72	P7214M40-E	E	12.632	12.522	13.19	D2F	3 $\frac{1}{2}$	$\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	—	2 $\frac{1}{2}$	10.69	1 $\frac{13}{16}$	33.0
80	P8014M40-E	E	14.036	13.926	14.63	D2F	3 $\frac{1}{2}$	$\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	—	2 $\frac{1}{2}$	12.13	1 $\frac{13}{16}$	38.0
90	P9014M40-E	E	15.790	15.680	—	D3	3 $\frac{1}{2}$	$\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	—	2 $\frac{1}{2}$	14.00	—	39.0
112	P11214M40-E	E	19.650	19.540	—	D3	3 $\frac{1}{2}$	$\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	—	2 $\frac{1}{2}$	17.80	—	51.0
144	P14414M40-E	E	25.264	25.154	—	D3	3 $\frac{1}{2}$	$\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	—	2 $\frac{1}{2}$	23.38	—	80.0
Taper Bushed 40mm (1.570 in.) Wide Belts (140M-40)																
28	P2814M40-2012	2012	4.912	4.802	5.56	KF-1	2 $\frac{1}{2}$	—	1 $\frac{1}{4}$	$\frac{7}{8}$	—	—	2 $\frac{1}{2}$	3.375	1 $\frac{13}{16}$	3.5
29	P2914M40-2012	2012	5.088	4.978	5.56	KF-1	2 $\frac{1}{2}$	—	1 $\frac{1}{4}$	$\frac{7}{8}$	—	—	2 $\frac{1}{2}$	3.375	1 $\frac{13}{16}$	3.9
30	P3014M40-2012	2012	5.263	5.153	6.13	KF-1	2 $\frac{1}{2}$	—	1 $\frac{1}{4}$	$\frac{7}{8}$	—	—	2 $\frac{1}{2}$	3.928	1 $\frac{13}{16}$	6.4
32	P3214M40-2012	2012	5.614	5.504	6.13	KF-1	2 $\frac{1}{2}$	—	1 $\frac{1}{4}$	$\frac{7}{8}$	—	—	2 $\frac{1}{2}$	3.928	1 $\frac{13}{16}$	8.0
34	P3414M40-2012	2012	5.965	5.855	6.50	KF-1	2 $\frac{1}{2}$	—	1 $\frac{1}{4}$	$\frac{7}{8}$	—	—	2 $\frac{1}{2}$	4.063	1 $\frac{13}{16}$	9.4
36	P3614M40-2517	2517	6.316	6.206	6.81	KF-1	2 $\frac{11}{16}$	—	1 $\frac{1}{4}$	$\frac{3}{8}$	—	—	2 $\frac{1}{2}$	4.688	1 $\frac{13}{16}$	10.5
38	P3814M40-2517	2517	6.667	6.557	7.16	KF-1	2 $\frac{11}{16}$	—	1 $\frac{1}{4}$	$\frac{3}{8}$	—	—	2 $\frac{1}{2}$	4.813	1 $\frac{13}{16}$	12.2
40	P4014M40-2517	2517	7.018	6.908	7.50	KF-1	2 $\frac{11}{16}$	—	1 $\frac{1}{4}$	$\frac{3}{8}$	—	—	2 $\frac{1}{2}$	5.188	1 $\frac{13}{16}$	14.2
44	P4414M40-2517	2517	7.720	7.610	8.22	KF-1	2 $\frac{11}{16}$	—	1 $\frac{1}{4}$	$\frac{3}{8}$	—	—	2 $\frac{1}{2}$	6.125	1 $\frac{13}{16}$	17.6
48	P4814M40-2517	2517	8.421	8.311	8.94	KF-1	2 $\frac{11}{16}$	—	1 $\frac{1}{4}$	$\frac{3}{8}$	—	—	2 $\frac{1}{2}$	6.500	1 $\frac{13}{16}$	22.0
52	P5214M40-2517	2517	9.123	9.013	9.69	KF-1	2 $\frac{11}{16}$	—	1 $\frac{1}{4}$	$\frac{3}{8}$	—	—	2 $\frac{1}{2}$	7.188	1 $\frac{13}{16}$	26.5
56	P5614M40-2517	2517	9.825	9.715	10.38	WF-2	2 $\frac{11}{16}$	—	1 $\frac{1}{4}$	$\frac{3}{8}$	4 $\frac{1}{2}$	—	2 $\frac{1}{2}$	7.875	1 $\frac{13}{16}$	21.5
60	P6014M40-3020	3020	10.527	10.417	11.06	WF-2	3 $\frac{1}{4}$	—	2	$\frac{1}{2}$	6 $\frac{1}{4}$	—	2 $\frac{1}{2}$	8.500	1 $\frac{13}{16}$	33.7
64	P6414M40-3020	3020	11.229	11.119	11.75	WF-2	3 $\frac{1}{4}$	—	2	$\frac{1}{2}$	6 $\frac{1}{4}$	—	2 $\frac{1}{2}$	9.250	1 $\frac{13}{16}$	36.5
68	P6814M40-3020	3020	11.930	11.820	12.50	WF-2	3 $\frac{1}{4}$	—	2	$\frac{1}{2}$	6 $\frac{1}{4}$	—	2 $\frac{1}{2}$	10.000	1 $\frac{13}{16}$	39.3
72	P7214M40-3020	3020	12.632	12.522	13.19	WF-2	3 $\frac{1}{4}$	—	2	$\frac{1}{2}$	6 $\frac{1}{4}$	—	2 $\frac{1}{2}$	10.688	1 $\frac{13}{16}$	42.6
80	P8014M40-3020	3020	14.036	13.926	14.63	WF-3	3 $\frac{1}{4}$	—	2	$\frac{1}{2}$	6 $\frac{1}{4}$	—	2 $\frac{1}{2}$	12.125	1 $\frac{13}{16}$	38.8
90	P9014M40-3020	3020	15.790	15.680	—	W-3	3 $\frac{1}{4}$	—	2	$\frac{1}{2}$	6 $\frac{1}{4}$	—	2 $\frac{1}{2}$	13.563	—	44.5
112	P11214M40-3020	3020	19.650	19.540	—	W-3	3 $\frac{1}{4}$	—	2	$\frac{1}{2}$	6 $\frac{1}{4}$	—	2 $\frac{1}{2}$	17.375	—	64.9
144	P14414M40-3020	3020	25.264	25.154	—	W-3	3 $\frac{1}{4}$	—	2	$\frac{1}{2}$	6 $\frac{1}{4}$	—	2 $\frac{1}{2}$	23.000	—	97.4

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms), within the "Type" indicates construction and the letter F indicates the sprocket has flanges.

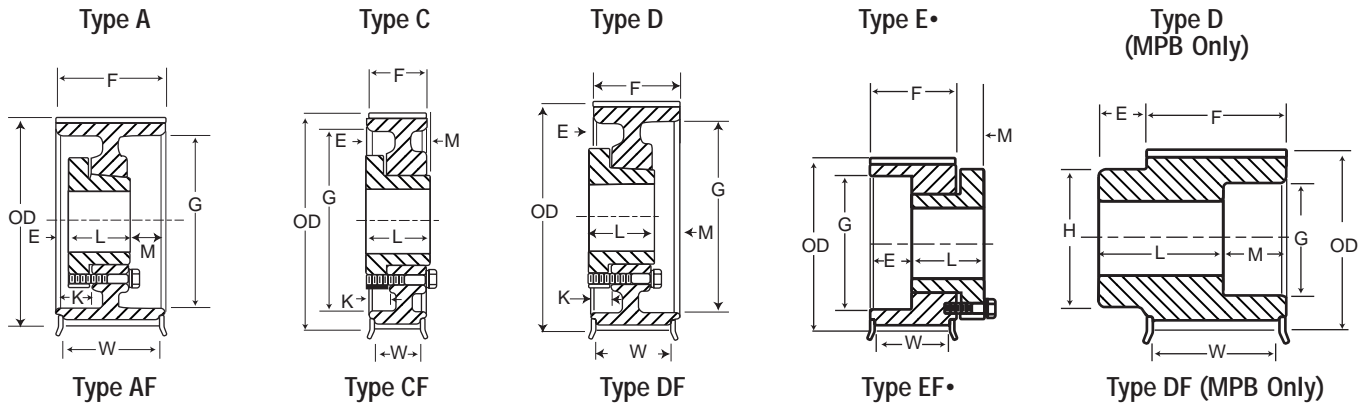


QD 55mm (2.17 in.) Wide Belts (14M-55)																
No. of Teeth	Catalog Number	Bore	P.D.	Diameter (in.)		Type +	Max. Bore	Dimensions (in.)								Weight* Approx. (lbs)
				O.D.	Flange			E	L	M	K	H	F	G	W	
28	P2814M55-SK	SK	4.912	4.808	5.56	●E1F	2%	1½	1%	¾	—	—	2%	3.13	2⅞	7.0
29	P2914M55-SK	SK	5.088	4.983	5.56	●E1F	2%	1½	1%	¾	—	—	2%	3.13	2⅞	8.0
30	P3014M55-SK	SK	5.263	5.157	6.13	A1F	2%	¾	1%	¾	¾	—	2%	3.92	2⅞	7.5
32	P3214M55-SK	SK	5.614	5.507	6.13	A1F	2%	¾	1%	¾	¾	—	2%	3.92	2⅞	9.0
34	P3414M55-SK	SK	5.965	5.858	6.50	A1F	2%	¾	1%	¾	¾	—	2%	4.06	2⅞	10.0
36	P3614M55-SF	SF	6.316	6.208	6.81	A1F	2%	¾	2	¾	¾	—	2%	4.69	2⅞	11.0
38	P3814M55-SF	SF	6.667	6.559	7.16	A1F	2%	¾	2	¾	¾	—	2%	4.94	2⅞	13.0
40	P4014M55-SF	SF	7.018	6.909	7.50	A1F	2%	¾	2	¾	¾	—	2%	5.06	2⅞	15.0
44	P4414M55-E	E	7.720	7.610	8.22	D1F	3½	⅝	2%	⅞	⅞	—	2%	6.12	2⅞	19.0
48	P4814M55-E	E	8.421	8.311	8.94	D1F	3½	⅝	2%	⅞	⅞	—	2%	6.50	2⅞	23.0
52	P5214M55-E	E	9.123	9.013	9.69	D1F	3½	⅝	2%	⅞	⅞	—	2%	7.18	2⅞	27.0
56	P5614M55-E	E	9.825	9.715	10.38	D1F	3½	⅝	2%	⅞	⅞	—	2%	7.88	2⅞	32.0
60	P6014M55-E	E	10.527	10.417	11.06	D1F	3½	⅝	2%	⅞	⅞	—	2%	8.50	2⅞	36.0
64	P6414M55-F	F	11.229	11.119	11.75	C1F	3½	⅞	3%	0	⅞	—	2%	9.25	2⅞	53.0
68	P6814M55-F	F	11.930	11.820	12.50	D2F	4	⅞	3%	0	⅞	—	2%	10.00	2⅞	43.0
72	P7214M55-F	F	12.632	12.522	13.19	C2F	4	⅞	3%	0	—	—	2%	10.69	2⅞	49.0
80	P8014M55-F	F	14.036	13.926	14.63	C2F	4	⅞	3%	0	⅞	—	2%	12.13	2⅞	54.0
90	P9014M55-F	F	15.790	15.680	—	C3	4	⅞	3%	0	⅞	—	2%	14.00	—	55.0
112	P11214M55-F	F	19.650	19.540	—	C3	4	⅞	3%	0	⅞	—	2%	17.88	—	71.0
144	P14414M55-F	F	25.264	25.154	—	C3	4	⅞	3%	0	⅞	—	2%	23.38	—	106.0
168	P16814M55-F	F	29.475	29.365	—	C3	4	⅞	3%	0	⅞	—	2%	27.56	—	124.0
192	P19214M55-F	F	33.686	33.576	—	C3	4	⅞	3%	0	⅞	—	2%	31.81	—	146.0
216	P21614M55-F	F	37.896	37.786	—	C3	4	⅞	3%	0	⅞	—	2%	35.75	—	205.0
Taper Bushed 55mm (2.17 in.) Wide Belts (14M-55)																
28	P2814M55-2012	2012	4.912	4.802	5.56	KF-1	2%	—	1¼	1½	—	—	2%	3.375	2⅞	7.4
29	P2914M55-2012	2012	5.088	4.978	5.56	KF-1	2%	—	1¼	1½	—	—	2%	3.375	2⅞	8.4
30	P3014M55-2517	2517	5.263	5.153	6.13	KF-1	2⅞	—	1¾	1	—	—	2%	3.928	2⅞	7.2
32	P3214M55-2517	2517	5.614	5.504	6.13	KF-1	2⅞	—	1¾	1	—	—	2%	3.928	2⅞	9.3
34	P3414M55-2517	2517	5.965	5.855	6.50	KF-1	2⅞	—	1¾	1	—	—	2%	4.063	2⅞	11.2
36	P3614M55-2517	2517	6.316	6.206	6.81	KF-1	2⅞	—	1¾	1	—	—	2%	4.688	2⅞	12.4
38	P3814M55-2517	2517	6.667	6.557	7.16	KF-1	2⅞	—	1¾	1	—	—	2%	4.813	2⅞	14.4
40	P4014M55-2517	2517	7.018	6.908	7.50	KF-1	2⅞	—	1¾	1	—	—	2%	5.188	2⅞	16.7
44	P4414M55-2517	2517	7.720	7.610	8.22	KF-1	2⅞	—	1¾	1	—	—	2%	6.125	2⅞	19.9
48	P4814M55-3020	3020	8.421	8.311	8.94	KF-1	3%	—	2	¾	—	—	2%	6.500	2⅞	29.2
52	P5214M55-3020	3020	9.123	9.013	9.69	KF-1	3%	—	2	¾	—	—	2%	7.188	2⅞	34.5
56	P5614M55-3020	3020	9.825	9.715	10.38	KF-1	3%	—	2	¾	—	—	2%	7.875	2⅞	40.1
60	P6014M55-3020	3020	10.527	10.417	11.06	WF-2	3%	—	2	¾	—	6¼	2%	8.500	2⅞	46.4
64	P6414M55-3020	3020	11.229	11.119	11.75	WF-2	3%	—	2	¾	—	6¼	2%	9.250	2⅞	52.7
68	P6814M55-3020	3020	11.930	11.820	12.50	WF-2	3%	—	2	¾	—	6¼	2%	10.000	2⅞	45.5
72	P7214M55-3020	3020	12.632	12.522	13.19	WF-2	3%	—	2	¾	—	6¼	2%	10.688	2⅞	49.5
80	P8014M55-3020	3020	14.036	13.926	14.63	WF-3	3%	—	2	¾	—	6¼	2%	12.125	2⅞	45.2
90	P9014M55-3020	3020	15.790	15.680	—	W-3	3%	—	2	¾	—	6¼	2%	13.563	—	46.1
112	P11214M55-3020	3020	19.650	19.540	—	W-3	3%	—	2	¾	—	6¼	2%	17.375	—	69.8
144	P14414M55-3020	3020	25.264	25.154	—	W-3	3%	—	2	¾	—	6¼	2%	23.000	—	104.4
192	P19214M55-3535	3535	33.686	33.576	—	C-3	3⅞	0.38	3½	¾	—	7	2%	31.375	—	104.2

* Weight Shown is for Sprocket Less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms), within the "Type" indicates construction and the letter F indicates the sprocket has flanges.

High Torque Sprockets 14mm

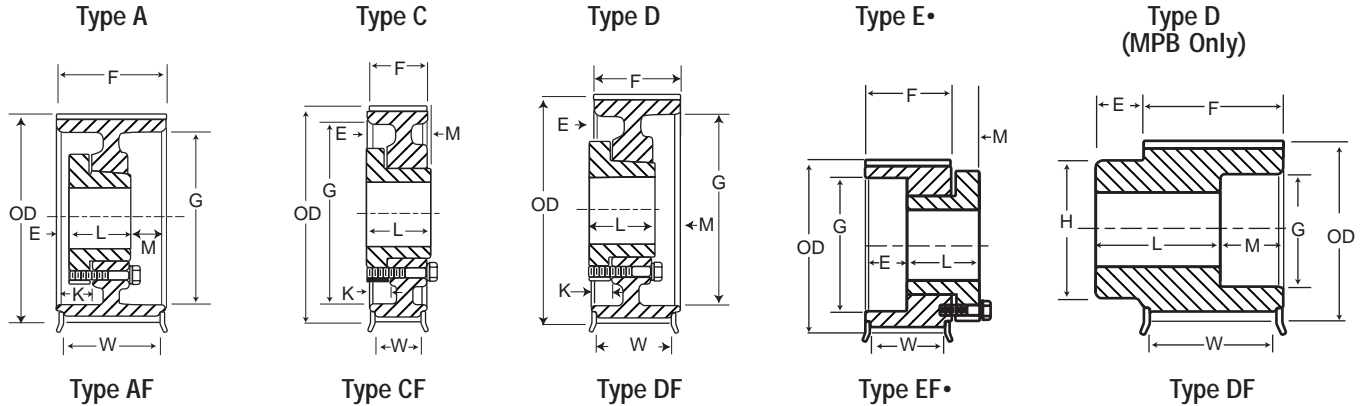


MPB 85mm (3.35in.) Wide Belts (14M-85)																
No. of Teeth	Catalog Number	Bore	P.D.	Diameter (in.)		Type +	Max. Bore	Dimensions (in.)							Weight* Approx. (lbs)	
				O.D.	Flange			E	L	M	K	H	F	G		W
28	P2814M85-MPB	1 1/4	4.912	4.802	5.56	D1F	2 1/16	1	4	1	—	3 1/16	4	3 1/8	3 1/16	18
29	P2914M85-MPB	1 1/4	5.088	4.983	5.56	D1F	2 1/16	1	4	1	—	3 1/16	4	3 1/8	3 1/16	19.4
30	P3014M85-MPB	1 1/4	5.263	5.157	6.13	D1F	2 1/2	1	4	1	—	4 3/4	4	3 29/32	3 1/16	20.6
32	P3214M85-MPB	1 1/4	5.614	5.507	6.13	D1F	2 1/2	1	4	1	—	4 3/4	4	3 29/32	3 1/16	23.4
34	P3414M85-MPB	1 1/4	5.965	5.858	6.50	D1F	2 1/16	1	4	1	—	4 3/4	4	4 1/8	3 1/16	27.4
QD 85mm (3.35in.) Wide Belts (14M-85)																
30	P3014M85-SK	SK	5.293	5.157	6.13	A1F	2 1/8	3/4	1 1/8	1 1/8	1 1/8	—	4	3.92	3 1/16	10
32	P3214M85-SK	SK	5.614	5.507	6.13	A1F	2 1/8	3/4	1 1/8	1 1/8	1 1/8	—	4	3.92	3 1/16	13
34	P3414M85-SK	SK	5.965	5.853	6.13	A1F	2 1/8	3/4	1 1/8	1 1/8	1 1/8	—	4	4.06	3 1/16	14
36	P3614M85-SF	SF	6.316	6.206	6.81	A1F	2 1/8	3/4	2	1 1/4	1 1/8	—	4	4.69	3 1/16	15
38	P3814M85-SF	SF	6.667	6.557	7.16	A1F	2 1/8	3/4	2	1 1/4	1 1/8	—	4	4.94	3 1/16	18
40	P4014M85-SF	SF	7.018	6.909	7.50	A1F	2 1/8	3/4	2	1 1/4	1 1/8	—	4	5.06	3 1/16	20
44	P4414M85-E	E	7.720	7.610	8.22	A1F	3 1/2	5/16	2 1/8	1 1/16	1 3/16	—	4	6.12	3 1/16	25
48	P4814M85-E	E	8.421	8.311	8.94	A1F	3 1/2	5/16	2 1/8	1 1/16	1 3/16	—	4	6.50	3 1/16	29
52	P5214M85-E	E	9.123	9.013	9.69	A1F	3 1/2	5/16	2 1/8	1 1/16	1 3/16	—	4	7.18	3 1/16	32
56	P5614M85-F	F	9.825	9.715	10.38	D1F	4	1/4	3 3/8	3/8	3/4	—	4	7.88	3 1/16	46
60	P6014M85-F	F	10.527	10.417	11.06	D1F	4	1/4	3 3/8	3/8	3/4	—	4	8.50	3 1/16	51
64	P6414M85-F	F	11.229	11.119	11.75	D1F	4	1/4	3 3/8	3/8	3/4	—	4	9.25	3 1/16	62
68	P6814M85-F	F	11.930	11.820	12.50	D2F	4	1/4	3 3/8	3/8	3/4	—	4	10.00	3 1/16	51
72	P7214M85-F	F	12.632	12.522	13.19	D2F	4	1/4	3 3/8	3/8	3/4	—	4	10.69	3 1/16	60
80	P8014M85-F	F	14.036	13.926	14.63	D2F	4	1/4	3 3/8	3/8	3/4	—	4	12.13	3 1/16	66
90	P9014M85-F	F	15.790	15.680	—	D3	4	1/4	3 3/8	3/8	3/4	—	4	14.00	—	69
112	P11214M85-F	F	19.650	19.540	—	D3	4	1/4	3 3/8	3/8	3/4	—	4	17.88	—	89
144	P14414M85-F	F	25.264	25.154	—	D3	4	1/4	3 3/8	3/8	3/4	—	4	23.38	—	127
168	P16814M85-J	J	29.475	29.365	—	D3	4 1/2	1/4	3 3/8	3/8	3/4	—	4	27.56	—	148
192	P19214M85-J	J	33.686	33.576	—	D3	4 1/2	1/4	3 3/8	3/8	3/4	—	4	31.81	—	177
216	P21614M85-J	J	37.896	37.786	—	D3	4 1/2	1/4	3 3/8	3/8	3/4	—	4	35.75	—	251
Taper Bushed 85mm (3.35in.) Wide Belts (14M-85)																
30	P3014M85-2517	2517	5.263	5.153	6.13	WF-1	2 1/16	1/2	1 1/4	1 1/4	—	—	4	3.928	3 1/16	9.7
32	P3214M85-2517	2517	5.614	5.504	6.13	WF-1	2 1/16	7/8	1 1/4	1 1/8	—	—	4	3.928	3 1/16	12.7
34	P3414M85-2517	2517	5.965	5.855	6.50	WF-1	2 1/16	7/8	1 1/4	1 1/8	—	—	4	4.063	3 1/16	15.3
36	P3614M85-3020	3020	6.316	6.206	6.81	WF-1	3 1/4	1 1/2	2	1 1/2	—	—	4	4.688	3 1/16	19.3
38	P3814M85-3020	3020	6.667	6.557	7.16	WF-1	3 1/4	1 1/2	2	1 1/2	—	—	4	4.813	3 1/16	21.9
40	P4014M85-3020	3020	7.018	6.908	7.50	WF-1	3 1/4	1 1/2	2	1 1/2	—	—	4	5.063	3 1/16	25.1
44	P4414M85-3020	3020	7.720	7.610	8.22	WF-1	3 1/4	1 1/2	2	1 1/2	—	—	4	6.125	3 1/16	28.4
48	P4814M85-3020	3020	8.421	8.311	8.94	WF-1	3 1/4	1 1/2	2	1 1/2	—	—	4	6.500	3 1/16	35.4
52	P5214M85-3535	3535	9.123	9.013	9.69	KF-1	3 1/16	—	3 1/2	1/2	—	—	4	7.188	3 1/16	42.9
56	P5614M85-3535	3535	9.825	9.715	10.38	KF-1	3 1/16	—	3 1/2	1/2	—	—	4	7.875	3 1/16	52.4
60	P6014M85-3535	3535	10.527	10.417	11.06	KF-1	3 1/16	—	3 1/2	1/2	—	—	4	8.500	3 1/16	62.7
64	P6414M85-3535	3535	11.229	11.119	11.75	KF-1	3 1/16	—	3 1/2	1/2	—	—	4	9.250	3 1/16	73.6
68	P6814M85-3535	3535	11.930	11.820	12.50	KF-1	3 1/16	—	3 1/2	1/2	—	—	4	10.000	3 1/16	64.2
72	P7214M85-3535	3535	12.632	12.522	13.19	KF-1	3 1/16	—	3 1/2	1/2	—	—	4	10.688	3 1/16	97.4
80	P8014M85-3535	3535	14.036	13.926	14.63	WF-2	3 1/16	—	3 1/2	1/2	—	—	4	12.125	3 1/16	68.4
90	P9014M85-3535	3535	15.790	15.680	—	W-3	3 1/16	—	3 1/2	1/2	—	7	4	13.563	—	69.1
112	P11214M85-3535	3535	19.650	19.540	—	W-3	3 1/16	—	3 1/2	1/2	—	7	4	17.375	—	85.7
144	P14414M85-4040	4040	25.264	25.154	—	W-3	4 1/16	—	4	—	—	8 1/2	4	23.000	—	131.6
168	P16814M85-4040	4040	29.475	29.365	—	W-3	4 1/16	—	4	—	—	8 1/2	4	27.250	—	146.1
192	P19214M85-4040	4040	33.686	33.576	—	W-3	4 1/16	—	4	—	—	8 1/2	4	31.375	—	161.4

* Weight Shown is for Sprocket Less Bushing.

• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms), within the "Type" indicates construction and the letter F indicates the sprocket has flanges.



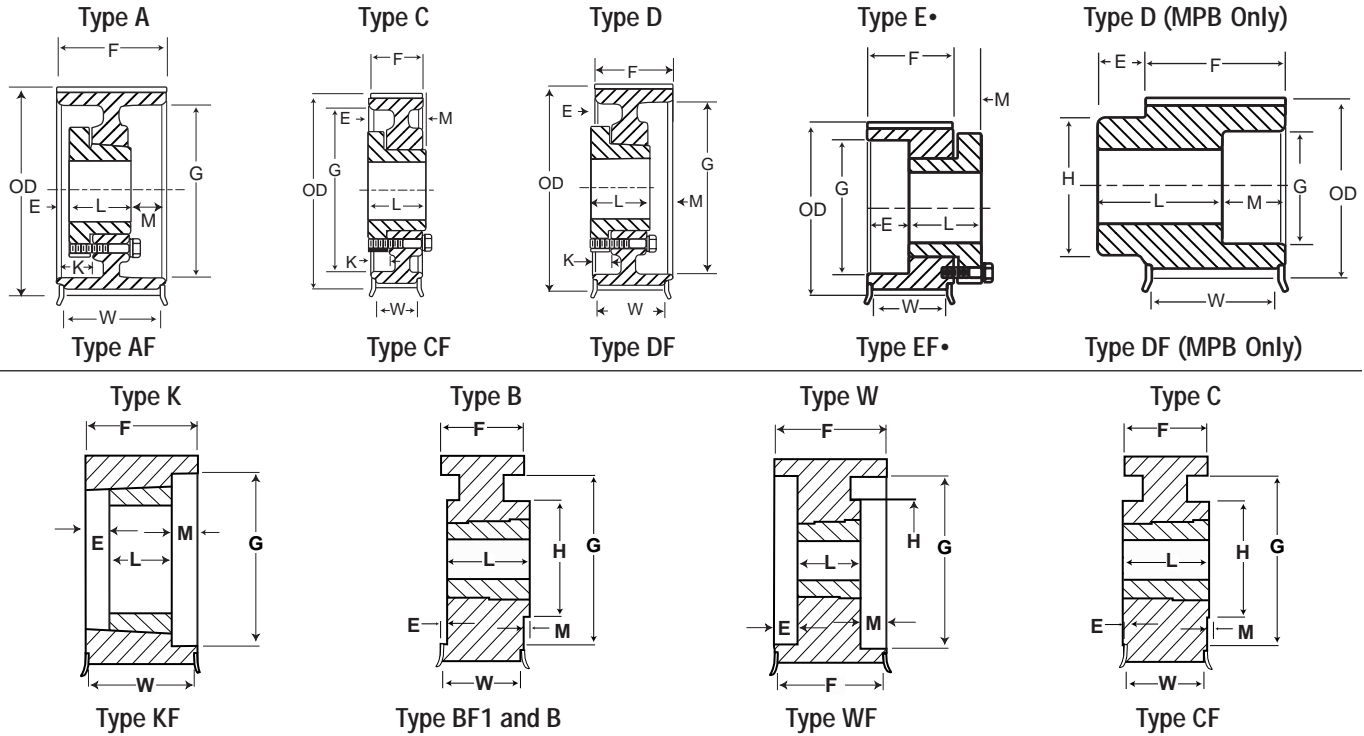
MPB 115mm (4.53 in.) Wide Belts (14M-115)																	
No. of Teeth	Catalog Number	Bore	P.D.	Diameter (in.)		Type +	Max. Bore	Dimensions (in.)							Weight* Approx. (lbs)		
				O.D.	Flange			E	L	M	K	H	F	G		W	
28	P2814M115-MPB	1/4	4.912	4.808	5.56	D1F	2 5/16	1 1/4	5	1 1/2	—	3 1/16	5 1/4	3 3/8	4 15/16	23.2	
29	P2914M115-MPB	1/4	5.088	4.983	5.56	D1F	2 5/16	1 1/4	5	1 1/2	—	3 1/16	5 1/4	3 3/8	4 15/16	24.8	
30	P3014M115-MPB	1/4	5.263	5.157	6.13	D1F	2 1/2	1 1/4	5	1 1/2	—	4 3/64	5 1/4	3 3/32	4 15/16	26.4	
32	P3214M115-MPB	1/4	5.614	5.507	6.13	D1F	2 1/2	1 1/4	5	1 1/2	—	4 3/64	5 1/4	3 3/32	4 15/16	30.8	
34	P3414M115-MPB	1/4	5.965	5.858	6.50	D1F	2 11/16	1 1/4	5	1 1/2	—	4 33/64	5 1/4	4 1/16	4 15/16	35.2	
36	P3614M115-MPB	1/4	6.316	6.208	6.81	D1F	3	1 1/4	5	1 1/2	—	4 7/8	5 1/4	4 11/16	4 15/16	38.8	
38	P3814M115-MPB	1/4	6.667	6.559	7.16	D1F	3 1/4	1 1/4	5	1 1/2	—	5 11/64	5 1/4	4 15/16	4 15/16	44.4	
40	P4014M115-MPB	1/4	7.018	6.909	7.50	D1F	3 3/8	1 1/4	5	1 1/2	—	5 5/16	5 1/4	5 1/8	4 15/16	50	
QD 115mm (4.53 in.) Wide Belts (14M-115)																	
30	P3014M115-SK	1/4	5.263	5.157	6.13	A1F	2 7/8	1 3/8	1 1/8	2	2	—	5 1/4	3.92	4 15/16	12	
32	P3214M115-SK	1/4	5.614	5.507	6.13	A1F	2 7/8	1 1/8	1 1/8	2	2	—	5 1/4	3.92	4 15/16	16	
34	P3414M115-SK	1/4	5.965	5.858	6.50	A1F	2 7/8	1 1/8	1 1/8	2	2	—	5 1/4	4.06	4 15/16	17	
36	P3614M115-SF	1/4	6.316	6.208	6.81	A1F	3	1 3/8	2	1 3/8	2	—	5 1/4	4.69	4 15/16	18	
38	P3814M115-SF	1/4	6.667	6.559	7.16	A1F	3	1 1/8	2	1 3/8	2	—	5 1/4	4.94	4 15/16	22	
40	P4014M115-SF	1/4	7.018	6.909	7.50	A1F	3	1 1/8	2	1 3/8	2	—	5 1/4	5.06	4 15/16	25	
44	P4414M115-E	E	7.720	7.610	8.22	A1F	3 1/2	1 5/16	2 1/2	1 11/16	1 11/16	—	5 1/4	6.12	4 15/16	30	
48	P4814M115-E	E	8.421	8.311	8.94	A1F	4	1 5/16	2 5/8	1 11/16	1 11/16	—	5 1/4	6.50	4 15/16	35	
52	P5214M115-F	F	9.123	9.013	9.69	A1F	4	3/8	3 3/8	1 1/4	1 1/8	—	5 1/4	7.18	4 15/16	42	
56	P5614M115-F	F	9.825	9.715	10.38	A1F	4	3/8	3 3/8	1 1/4	1 1/8	—	5 1/4	7.88	4 15/16	53	
60	P6014M115-F	F	10.527	10.417	11.06	A1F	4 1/2	3/8	3 3/8	1 1/4	1 3/8	—	5 1/4	8.50	4 15/16	60	
64	P6414M115-J	J	11.229	11.119	11.75	D1F	4 1/2	3/8	4 1/2	1 1/2	1	—	5 1/4	9.25	4 15/16	76	
68	P6814M115-J	J	11.930	11.820	12.50	D1F	4 1/2	3/8	4 1/2	1 1/2	1	—	5 1/4	10.00	4 15/16	83	
72	P7214M115-J	J	12.632	12.522	13.19	D1F	4 1/2	3/8	4 1/2	1 1/2	1	—	5 1/4	10.69	4 15/16	99	
80	P8014M115-J	J	14.036	13.926	14.63	D2F	4 1/2	3/8	4 1/2	1 1/2	1	—	5 1/4	12.13	4 15/16	87	
90	P9014M115-J	J	15.790	15.680	—	D2	4 1/2	3/8	4 1/2	1 1/2	1	—	5 1/4	14.00	—	95	
112	P11214M115-J	J	19.650	19.540	—	D3	4 1/2	3/8	4 1/2	1 1/2	1	—	5 1/4	17.88	—	114	
144	P14414M115-J	J	25.264	25.154	—	D3	4 1/2	3/8	4 1/2	1 1/2	1	—	5 1/4	23.38	—	166	
168	P16814M115-M	M	29.475	29.365	—	D3	5 1/2	3/8	4 1/2	1 1/2	1	—	5 1/4	27.56	—	198	
192	P19214M115-M	M	33.686	33.576	—	D3	5 1/2	3/8	4 1/2	1 1/2	1	—	5 1/4	31.81	—	232	
216	P21614M115-M	M	37.896	37.786	—	D3	5 1/2	3/8	4 1/2	1 1/2	1	—	5 1/4	35.75	—	307	
Taper Bushed 115mm (4.53 in.) Wide Belts (14M-115)																	
30	P3014M115-2517	2517	5.263	5.153	6.13	WF-1	2 11/16	1 1/4	1 1/4	1 1/4	—	5 1/4	—	3.928	4 15/16	13.5	
32	P3214M115-2517	2517	5.614	5.504	6.13	WF-1	2 11/16	1 1/4	1 1/4	1 1/4	—	5 1/4	—	3.928	4 15/16	17.3	
34	P3414M115-2517	2517	5.965	5.855	6.50	WF-1	2 11/16	1 1/4	1 1/4	1 1/4	—	5 1/4	—	4.063	4 15/16	20.9	
36	P3614M115-3020	3020	6.316	6.206	6.81	WF-1	3 1/4	1 1/2	2	1 1/2	—	5 1/4	—	4.688	4 15/16	18.6	
38	P3814M115-3020	3020	6.667	6.557	7.16	WF-1	3 1/4	1 1/2	2	1 1/2	—	5 1/4	—	4.813	4 15/16	22.5	
40	P4014M115-3020	3020	7.018	6.908	7.50	WF-1	3 1/4	1 1/2	2	1 1/2	—	5 1/4	—	5.063	4 15/16	26.8	
44	P4414M115-3535	3535	7.720	7.610	8.22	WF-1	3 11/16	7/8	3 1/2	7/8	—	5 1/4	—	6.125	4 15/16	30.8	
48	P4814M115-3535	3535	8.421	8.311	8.94	WF-1	3 11/16	7/8	3 1/2	7/8	—	5 1/4	—	6.500	4 15/16	41.1	
52	P5214M115-4040	4040	9.123	9.013	9.69	WF-1	4 1/16	3/4	4 1/8	3/4	—	5 1/4	—	7.188	4 15/16	46.9	
56	P5614M115-4040	4040	9.825	9.715	10.38	WF-1	4 1/16	3/4	4 1/8	3/4	—	5 1/4	—	7.875	4 15/16	58.3	
60	P6014M115-4040	4040	10.527	10.417	11.06	WF-1	4 1/16	3/4	4 1/8	3/4	—	5 1/4	—	8.500	4 15/16	70.9	
64	P6414M115-4545	4545	11.229	11.119	11.75	WF-1	4 15/16	3/4	4 1/2	3/4	—	5 1/4	—	9.250	4 15/16	82.1	
68	P6814M115-4545	4545	11.930	11.820	12.50	WF-1	4 15/16	3/4	4 1/2	3/4	—	5 1/4	—	10.000	4 15/16	97.1	
72	P7214M115-4545	4545	12.632	12.522	13.19	WF-1	4 15/16	3/4	4 1/2	3/4	—	5 1/4	—	10.688	4 15/16	113.3	
80	P8014M115-4545	4545	14.036	13.926	14.63	WF-2	4 15/16	3/4	4 1/2	3/4	9 1/2	5 1/4	—	12.125	4 15/16	108.9	
90	P9014M115-4545	4545	15.790	15.680	—	W-2	4 15/16	3/4	4 1/2	3/4	9 1/2	5 1/4	—	13.563	—	112.9	
112	P11214M115-4545	4545	19.650	19.540	—	W-3	4 15/16	3/4	4 1/2	3/4	9 1/2	5 1/4	—	17.375	—	122.4	
144	P14414M115-4545	4545	25.264	25.154	—	W-3	4 15/16	3/4	4 1/2	3/4	9 1/2	5 1/4	—	23.000	—	155.0	
168	P16814M115-4545	4545	29.475	29.365	—	W-3	4 15/16	3/4	4 1/2	3/4	9 1/2	5 1/4	—	27.250	—	188.0	
192	P19214M115-4545	4545	33.686	33.576	—	W-3	4 15/16	3/4	4 1/2	3/4	9 1/2	5 1/4	—	31.375	—	318.8	
216	P21614M115-6050	6050	37.896	37.786	—	W-3	6	—	5	1/4	15 1/2	5 1/4	—	35.625	—	350.3	

* Weight Shown is for Sprocket Less Bushing.
 • Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

High Torque Sprockets 14mm

Martin



MPB 170mm (6.69 in.) Wide Belts (14M-170)																	
No. of Teeth	Catalog Number	Bore	P.D.	Diameter (in.)		Type +	Max. Bore	Dimensions (in.)								Weight* Approx. (lbs)	
				O.D.	Flange			E	L	M	K	H	F	G	W		
36	P3614M170-MPB	1½	6.316	6.208	6.81	D1F	3	1¼	6	2½	—	4¾	7¾	4½	7½	47	
38	P3814M170-MPB	1½	6.667	6.559	7.16	D1F	3¼	1¼	6	2½	—	5¼	7¾	4½	7½	55.7	
40	P4014M170-MPB	1½	7.018	6.909	7.50	D1F	3⅝	1¼	6	2½	—	5⅝	7¾	5½	7½	63.7	
44	P4414M170-MPB	1½	7.720	7.610	8.22	D1F	4¾	1¼	6	2½	—	6¼	7¾	6½	7½	75.7	
48	P4814M170-MPB	1½	8.421	8.311	8.94	D1F	4½	1¼	6	2½	—	6½	7¾	6½	7½	94	
QD 170mm (6.69 in.) Wide Belts (14M-170)																	
44	P4414M170-E	E	7.720	7.610	8.22	A1F	3¾	2	2½	2½	2½	—	7¾	6.12	7½	38	
48	P4814M170-E	E	8.421	8.311	8.94	A1F	3¾	2	2½	2½	2½	—	7¾	6.50	7½	45	
52	P5214M170-F	F	9.123	9.013	9.69	A1F	4	1⅞	3¾	2⅞	2⅞	—	7¾	7.18	7½	52	
56	P5614M170-F	F	9.825	9.715	10.38	A1F	4	1⅞	3¾	2⅞	2⅞	—	7¾	7.88	7½	65	
60	P6014M170-J	J	10.527	10.417	11.06	A1F	4½	1⅞	4½	1⅞	2½	—	7¾	8.50	7½	75	
64	P6414M170-J	J	11.229	11.119	11.75	A1F	4½	1⅞	4½	1⅞	2½	—	7¾	9.25	7½	91	
68	P6814M170-J	J	11.930	11.820	12.50	A1F	4½	1⅞	4½	1⅞	2½	—	7¾	10.00	7½	96	
72	P7214M170-J	J	12.632	12.522	13.19	A1F	4½	1⅞	4½	1⅞	2½	—	7¾	10.69	7½	115	
80	P8014M170-J	J	14.036	13.926	14.63	A2F	4½	1⅞	4½	1⅞	2½	—	7¾	12.13	7½	107	
90	P9014M170-J	J	15.790	15.680	—	A2	4½	1⅞	4½	1⅞	2½	—	7¾	14.00	—	116	
112	P11214M170-M	M	19.650	19.540	—	A3	5½	0	6¾	¾	1⅞	—	7¾	17.88	—	175	
144	P14414M170-M	M	25.264	25.154	—	A3	5½	0	6¾	¾	1⅞	—	7¾	23.38	—	240	
168	P16814M170-M	M	29.475	29.365	—	A3	5½	0	6¾	¾	1⅞	—	7¾	27.56	—	278	
192	P19214M170-M	M	33.686	33.576	—	A3	5½	0	6¾	¾	1⅞	—	7¾	31.81	—	322	
216	P21614M170-M	M	37.896	37.786	—	A3	5½	0	6¾	¾	1⅞	—	7¾	35.75	—	399	
Taper Bushed 170mm (6.69 in.) Wide Belts (14M-170)																	
44	P4414M170-3535	3535	7.720	7.610	8.22	WF-1	3⅞	1⅞	3½	1⅞	—	—	7¾	6.13	7½	39.7	
48	P4814M170-3535	3535	8.421	8.311	8.94	WF-1	3⅞	1⅞	3½	1⅞	—	—	7¾	6.50	7½	52.8	
52	P5214M170-4040	4040	9.123	9.013	9.69	WF-1	4	1⅞	4	1⅞	—	—	7¾	7.19	7½	59.8	
56	P5614M170-4040	4040	9.825	9.715	10.38	WF-1	4	1⅞	4	1⅞	—	—	7¾	7.88	7½	72.4	
60	P6014M170-4545	4545	10.527	10.417	11.06	WF-1	4½	1⅞	4½	1⅞	—	—	7¾	8.50	7½	83.7	
64	P6414M170-4545	4545	11.229	11.119	11.75	WF-1	4½	1⅞	4½	1⅞	—	—	7¾	9.25	7½	98.6	
68	P6814M170-4545	4545	11.930	11.820	12.50	WF-1	4½	1⅞	4½	1⅞	—	—	7¾	10.00	7½	114.4	
72	P7214M170-4545	4545	12.632	12.522	13.19	WF-1	4½	1⅞	4½	1⅞	—	—	7¾	10.69	7½	131.8	
80	P8014M170-4545	4545	14.036	13.926	14.63	WF-2	4½	1⅞	4½	1⅞	—	9½	7¾	12.13	7½	129.3	
90	P9014M170-4545	4545	15.790	15.680	—	W-2	4½	1⅞	4½	1⅞	—	9½	7¾	13.56	—	126.8	
112	P11214M170-4545	4545	19.650	19.540	—	W-3	4½	1⅞	4½	1⅞	—	9½	7¾	17.38	—	148.0	
144	P14414M170-6050	6050	25.264	25.154	—	W-3	6	1⅞	5	1⅞	—	15½	7¾	23.00	—	208.0	
168	P16814M170-6050	6050	29.475	29.365	—	W-3	6	1⅞	5	1⅞	—	15½	7¾	27.25	—	227.0	
192	P19214M170-6050	6050	33.686	33.576	—	W-3	6	1⅞	5	1⅞	—	15½	7¾	31.38	—	340.0	
216	P21614M170-6050	6050	37.896	37.786	—	W-3	6	1⅞	5	1⅞	—	15½	7¾	35.63	—	390.0	

* Weight Shown is for Sprocket Less Bushing.

• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms), within the "Type" indicates construction and the letter F indicates the sprocket has flanges.



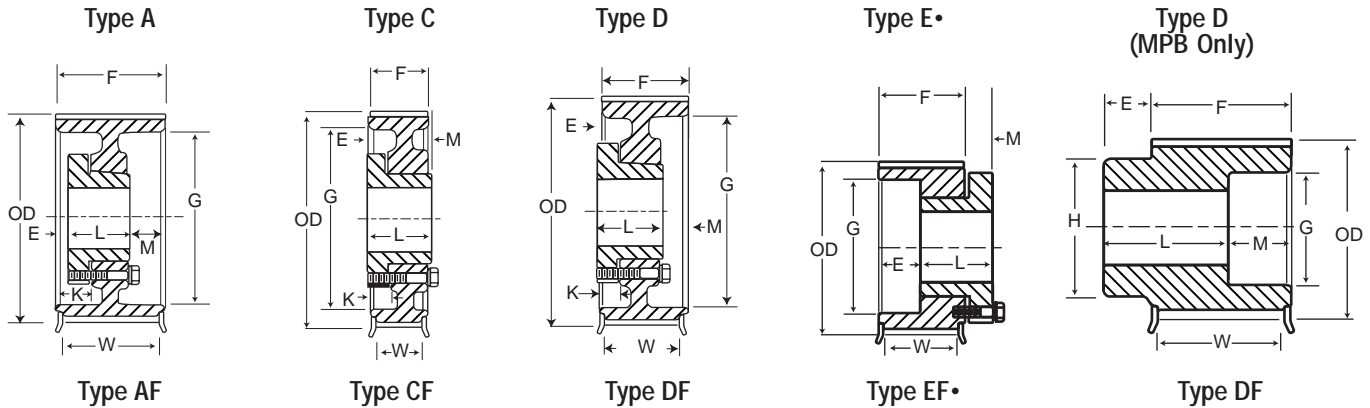
High Torque Sprockets 20mm

QD 115mm (4.53 in.) Wide Belts (20M-115)																
No. of Teeth	Catalog Number	Bore	P.D.	Diameter (in.)		Type +	Max. Bore	Dimensions (in.)								Weight* Approx. (lbs)
				O.D.	Flange			E	L	M	K	H	F	G	W	
34	P3420M115-F	F	8.522	8.352	9.449	A1F	4.00	0.44	3.63	1.31	1.44	—	5.38	6.88	5.0	32
36	P3620M115-F	F	9.023	8.853	9.843	A1F	4.00	0.44	3.63	1.31	1.44	—	5.38	7.00	5.0	40
38	P3820M115-F	F	9.524	9.354	10.433	A1F	4.00	0.44	3.63	1.31	1.44	—	5.38	7.56	5.0	45
40	P4020M115-F	F	10.026	9.856	10.827	A1F	4.00	0.44	3.63	1.31	1.44	—	5.38	8.00	5.0	51
44	P4420M115-F	F	11.028	10.858	11.811	A1F	4.00	0.44	3.63	1.31	1.44	—	5.38	8.93	5.0	63
48	P4820M115-J	J	12.031	11.861	12.795	A1F	4.50	0.00	4.50	0.88	1.18	—	5.38	9.93	5.0	84
52	P5220M115-J	J	13.033	12.863	13.764	A2F	4.50	0.00	4.50	0.88	1.18	—	5.38	10.88	5.0	80
56	P5620M115-J	J	14.036	13.866	14.764	A2F	4.50	0.00	4.50	0.88	1.18	—	5.38	11.88	5.0	87
60	P6020M115-J	J	15.038	14.868	15.927	A2F	4.50	0.00	4.50	0.88	1.18	—	5.38	13.06	5.0	94
64	P6420M115-J	J	16.041	15.871	16.929	A2F	4.50	0.00	4.50	0.88	1.18	—	5.38	14.06	5.0	104
68	P6820M115-J	J	17.044	16.874	17.927	A2F	4.50	0.00	4.50	0.88	1.18	—	5.38	15.00	5.0	110
72	P7220M115-J	J	18.046	17.876	18.898	A2F	4.50	0.00	4.50	0.88	1.18	—	5.38	16.00	5.0	119
80	P8020M115-M	M	20.051	19.881	20.866	C2F	5.50	1.25	6.75	0.12	0.18	—	5.38	18.00	5.0	182
90	P9020M115-M	M	22.558	22.388	23.425	C2F	5.50	1.25	6.75	0.12	0.18	—	5.38	20.56	5.0	212
112	P11220M115-M	M	28.072	27.902	—	C3	5.50	1.25	6.75	0.12	0.18	—	5.38	26.38	—	239
144	P14420M115-N	N	36.092	35.922	—	C3	5.87	1.75	8.12	1.00	0.00	—	5.38	34.38	—	341
168	P16820M115-N	N	42.108	41.938	—	C3	5.87	1.75	8.12	1.00	0.00	—	5.38	40.38	—	417
192	P19220M115-N	N	48.123	47.953	—	C3	5.87	1.75	8.12	1.00	0.00	—	5.38	46.25	—	500
216	P21620M115-N	N	54.138	53.968	—	C3	5.77	1.75	8.12	1.00	0.00	—	5.38	52.25	—	566
MPB 170mm (6.69 in.) Wide Belts (20M-170)																
34	P3420M170-MPB	2½	8.522	8.352	9.449	D1F	4.38	1.25	6.50	2.25	—	6.50	7.50	6.50	7.12	82
36	P3620M170-MPB	2½	9.023	8.853	9.843	D1F	4.50	1.25	6.50	2.25	—	7.00	7.50	7.00	7.12	93
QD 170mm (6.69 in.) Wide Belts (20M-170)																
38	P3820M170-J	J	9.524	9.354	10.433	A1F	4.50	1.00	4.50	2.00	2.18	—	7.50	7.56	7.12	56
40	P4020M170-J	J	10.026	9.856	10.827	A1F	4.50	1.00	4.50	2.00	2.18	—	7.50	8.00	7.12	64
44	P4420M170-J	J	11.028	10.858	11.811	A1F	4.50	1.00	4.50	2.00	2.18	—	7.50	8.93	7.12	81
48	P4820M170-M	M	12.031	11.861	12.795	A1F	5.50	0.06	6.75	0.68	1.50	—	7.50	9.93	7.12	113
52	P5220M170-M	M	13.033	12.863	13.764	A1F	5.50	0.06	6.75	0.68	1.50	—	7.50	10.88	7.12	141
56	P5620M170-M	M	14.036	13.866	14.764	A1F	5.50	0.06	6.75	0.68	1.50	—	7.50	11.88	7.12	170
60	P6020M170-M	M	15.038	14.868	15.927	A1F	5.50	0.06	6.75	0.68	1.50	—	7.50	13.06	7.12	199
64	P6420M170-M	M	16.041	15.871	16.929	A2F	5.50	0.06	6.75	0.68	1.50	—	7.50	14.06	7.12	175
68	P6820M170-M	M	17.044	16.874	17.927	A2F	5.50	0.06	6.75	0.68	1.50	—	7.50	15.00	7.12	187
72	P7220M170-M	M	18.046	17.876	18.898	A2F	5.50	0.06	6.75	0.68	1.50	—	7.50	16.00	7.12	196
80	P8020M170-M	M	20.051	19.881	20.866	A2F	5.50	0.06	6.75	0.68	1.50	—	7.50	18.00	7.12	214
90	P9020M170-M	M	22.558	22.388	23.425	A2F	5.50	0.06	6.75	0.68	1.50	—	7.50	20.56	7.12	250
112	P11220M170-N	N	28.072	27.902	—	C3	5.87	0.50	8.12	0.12	1.25	—	7.50	26.25	7.12	309
144	P14420M170-N	N	36.092	35.922	—	C3	5.87	0.50	8.12	0.12	1.25	—	7.50	34.25	—	426
168	P16820M170-P	P	42.108	41.938	—	C3	7.00	0.90	9.38	0.94	1.06	—	7.50	40.25	—	571
192	P19220M170-P	P	48.123	47.953	—	C3	7.00	0.94	9.38	0.94	1.06	—	7.50	46.25	—	652
216	P21620M170-P	P	54.138	53.968	—	C3	7.00	0.94	9.38	0.94	1.06	—	7.50	52.12	—	813
MPB 230mm (9.06 in.) Wide Belts (20M-230)																
38	P3820M230-MPB	2½	9.524	9.354	10.433	D1F	4.75	1.25	7.50	3.63	—	7.50	9.88	7.56	9.50	120
40	P4020M230-MPB	2½	10.026	9.856	10.827	D1F	5.25	1.25	8.50	2.63	—	8.00	9.88	8.00	9.50	147
44	P4420M230-MPB	2½	11.028	10.858	11.811	D1F	5.25	1.25	8.50	2.63	—	8.25	9.88	8.93	9.50	180
QD 230mm (9.06 in.) Wide Belts (20M-230)																
48	P4820M230-M	M	12.031	11.861	12.795	A1F	5.50	0.56	6.75	2.56	2.00	—	9.88	9.93	9.50	129
52	P5220M230-M	M	13.033	12.863	13.764	A1F	5.50	0.56	6.75	2.56	2.00	—	9.88	10.88	9.50	158
56	P5620M230-M	M	14.036	13.866	14.764	A1F	5.50	0.56	6.75	2.56	2.00	—	9.88	11.88	9.50	189
60	P6020M230-M	M	15.038	14.868	15.927	A1F	5.50	0.56	6.75	2.56	2.00	—	9.88	13.06	9.50	217
64	P6420M230-M	M	16.041	15.871	16.929	A2F	5.50	0.56	6.75	2.56	2.00	—	9.88	14.06	9.50	198
68	P6820M230-N	N	17.044	16.874	17.927	A1F	5.87	0.06	8.12	1.69	1.81	—	9.88	15.00	9.50	324
72	P7220M230-N	N	18.046	17.876	18.898	A2F	5.87	0.06	8.12	1.69	1.81	—	9.88	16.00	9.50	287
80	P8020M230-N	N	20.051	19.881	20.866	A2F	5.87	0.06	8.12	1.69	1.81	—	9.88	18.00	9.50	280
90	P9020M230-N	N	22.558	22.388	23.425	A2F	5.87	0.06	8.12	1.69	1.81	—	9.88	20.56	9.50	319
112	P11220M230-N	N	28.072	27.902	—	A3	5.87	0.06	8.12	1.69	1.81	—	9.88	26.25	—	357
144	P14420M230-P	P	36.092	35.922	—	D3	7.00	0.69	9.38	1.19	1.31	—	9.88	34.25	—	535
168	P16820M230-P	P	42.108	41.938	—	D3	7.00	0.69	9.38	1.19	1.31	—	9.88	40.25	—	654
192	P19220M230-W	W	48.123	47.953	—	C3	8.50	0.75	11.38	0.75	1.50	—	9.88	46.00	—	935
216	P21620M230-W	W	54.138	53.968	—	C3	8.50	0.75	11.38	0.75	1.50	—	9.88	52.00	—	1062

* Weight Shown is for Sprocket less Bushing.
• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms), within the "Type" indicates construction and the letter F indicates the sprocket has flanges.

High Torque Sprockets 20mm



QD 290mm (11.42 in.) Wide Belts (20M-290)																	
No. of Teeth	Catalog Number	Bore	P.D.	Diameter (in.)		Type +	Max. Bore	Dimensions (in.)								Weight Approx. (lbs)	
				O.D.	Flange			E	L	M	H	K	F	G	W		
52	P5220M290-N	N	13.033	12.863	13.764	A1F	5.87	0.75	8.12	2.38	2.50	—	12.25	10.88	11.88	187	
56	P5620M290-N	N	14.036	13.866	14.764	A1F	5.87	0.75	8.12	2.38	2.50	—	12.25	11.88	11.88	223	
60	P6020M290-N	N	15.038	14.868	15.927	A1F	5.87	0.75	8.12	2.38	2.50	—	12.25	13.06	11.88	257	
64	P6420M290-N	N	16.041	15.871	16.929	A1F	5.87	0.75	8.12	2.38	2.50	—	12.25	14.06	11.88	299	
68	P6820M290-N	N	17.044	16.874	17.927	A1F	5.87	0.75	8.12	2.38	2.50	—	12.25	15.00	11.88	346	
72	P7220M290-N	N	18.046	17.876	18.898	A2F	5.87	0.75	8.12	2.38	2.50	—	12.25	16.00	11.88	311	
80	P8020M290-N	N	20.051	19.881	20.866	A2F	5.87	0.75	8.12	2.38	2.50	—	12.25	18.00	11.88	314	
90	P9020M290-N	N	22.558	22.388	23.425	A2F	5.87	0.75	8.12	2.38	2.50	—	12.25	20.56	11.88	359	
112	P11220M290-P	P	28.072	27.902	—	A2	7.00	0.50	9.38	2.38	2.50	—	12.25	26.12	—	513	
144	P14420M290-P	P	36.092	35.922	—	A3	7.00	0.50	9.38	2.38	2.50	—	12.25	34.00	—	637	
168	P16820M290-W	W	42.108	41.938	—	A3	8.50	0.44	11.38	0.44	2.68	—	12.25	40.00	—	891	
192	P19220M290-W	W	48.123	47.953	—	A3	8.50	0.44	11.38	0.44	2.68	—	12.25	46.00	—	1061	
216	P21620M290-W	W	54.138	53.968	—	A3	8.50	0.44	11.38	0.44	2.68	—	12.25	52.00	—	1239	
QD 340 mm (13.39 in.) Wide Belts (20M-340)																	
52	P5220M340-N	N	13.033	12.863	13.764	A1F	5.87	0.75	8.12	5.38	2.50	—	14.25	10.88	13.88	201	
56	P5620M340-N	N	14.036	13.866	14.764	A1F	5.87	0.75	8.12	5.38	2.50	—	14.25	11.88	13.88	239	
60	P6020M340-N	N	15.038	14.868	15.927	A1F	5.87	0.75	8.12	5.38	2.50	—	14.25	13.06	13.88	273	
64	P6420M340-N	N	16.041	15.871	16.929	A1F	5.87	0.75	8.12	5.38	2.50	—	14.25	14.06	13.88	316	
68	P6820M340-N	N	17.044	16.874	17.927	A1F	5.87	0.75	8.12	5.38	2.50	—	14.25	15.00	13.88	364	
72	P7220M340-N	N	18.046	17.876	18.898	A2F	5.87	0.75	8.12	5.38	2.50	—	14.25	16.00	13.88	330	
80	P8020M340-P	P	20.051	19.881	20.866	A2F	7.00	1.50	9.38	3.38	3.50	—	14.25	18.00	13.88	406	
90	P9020M340-P	P	22.558	22.388	23.425	A2F	7.00	1.50	9.38	3.38	3.50	—	14.25	20.56	13.88	426	
112	P11220M340-P	P	28.072	27.902	—	A2	7.00	1.50	9.38	3.38	3.50	—	14.25	26.12	—	543	
144	P14420M340-W	W	36.092	35.922	—	A3	8.50	0.38	11.38	2.50	2.63	—	14.25	34.00	—	814	
168	P16820M340-W	W	42.108	41.938	—	A3	8.50	0.38	11.38	2.50	2.63	—	14.25	40.00	—	947	
192	P19220M340-S	S	48.123	47.953	—	D3	10.00	2.50	15.75	1.00	1.12	—	14.25	46.00	—	1368	
216	P21620M340-S	S	54.138	53.968	—	D3	10.00	2.50	15.75	1.00	1.12	—	14.25	51.88	—	1555	

* Weight Shown is for Sprocket less Bushing.
 • Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms), within the "Type" indicates construction and the letter F indicates the sprocket has flanges.



HTS 5mm Sprocket Diameters

No. of Teeth	Diameters		No. of Teeth	Diameters		No. of Teeth	Diameters		No. of Teeth	Diameters		No. of Teeth	Diameters	
	PD	mm In. OD		PD	mm In. OD		PD	mm In. OD		PD	mm In. OD		PD	mm In. OD
13	20.69	19.55	43	68.44	67.30	73	116.18	115.04	103	163.93	162.79	133	211.68	210.54
	0.815	0.770		2.694	2.649		4.574	4.529		6.454	6.409		8.334	8.289
14	22.28	21.14	44	70.03	68.89	74	117.77	116.63	104	165.52	164.38	134	213.27	212.13
	0.877	0.832		2.757	2.712		4.637	4.592		6.517	6.472		8.396	8.351
15	23.87	22.73	45	71.62	70.48	75	119.37	118.23	105	167.11	165.97	135	214.86	213.72
	0.940	0.895		2.820	2.775		4.699	4.654		6.579	6.534		8.459	8.414
16	25.46	24.32	46	73.21	72.07	76	120.96	119.82	106	168.70	167.56	136	216.45	215.31
	1.003	0.958		2.882	2.837		4.762	4.717		6.642	6.597		8.522	8.477
17	27.06	25.92	47	74.80	73.66	77	122.55	121.41	107	170.3	169.16	137	218.04	216.90
	1.065	1.020		2.945	2.900		4.825	4.780		6.705	6.660		8.584	8.539
18	28.65	27.51	48	76.39	75.25	78	124.14	123.00	108	171.89	170.75	138	219.63	218.49
	1.128	1.083		3.008	2.963		4.887	4.842		6.767	6.722		8.647	8.602
19	30.24	29.10	49	77.99	76.85	79	125.73	124.59	109	173.48	172.34	139	221.23	220.09
	1.191	1.146		3.070	3.025		4.950	4.905		6.830	6.785		8.710	8.665
20	31.83	30.69	50	79.58	78.44	80	127.32	126.18	110	175.07	173.93	140	222.82	221.68
	1.253	1.208		3.133	3.088		5.013	4.968		6.893	6.848		8.772	8.727
21	33.42	32.28	51	81.17	80.03	81	128.92	127.78	111	176.66	175.52	141	224.41	223.27
	1.316	1.271		3.196	3.151		5.075	5.030		6.955	6.910		8.835	8.790
22	35.01	33.87	52	82.76	81.62	82	130.51	129.37	112	178.25	177.11	142	226.00	224.86
	1.379	1.334		3.258	3.213		5.138	5.093		7.018	6.973		8.898	8.853
23	36.61	35.47	53	84.35	83.21	83	132.10	130.96	113	179.85	178.71	143	227.59	226.45
	1.441	1.396		3.321	3.276		5.201	5.156		7.081	7.036		8.960	8.915
24	38.20	37.06	54	85.94	84.80	84	133.69	132.55	114	181.44	180.30	144	229.18	228.04
	1.504	1.459		3.384	3.339		5.263	5.218		7.143	7.098		9.023	8.978
25	39.79	38.65	55	87.54	86.40	85	135.28	134.14	115	183.03	181.89	145	230.77	229.63
	1.566	1.521		3.446	3.401		5.326	5.281		7.206	7.161		9.086	9.041
26	41.38	40.24	56	89.13	87.99	86	136.87	135.73	116	184.62	183.48	146	232.37	231.23
	1.629	1.584		3.509	3.464		5.389	5.344		7.268	7.223		9.148	9.103
27	42.97	41.83	57	90.72	89.58	87	138.46	137.32	117	186.21	185.07	147	233.96	232.82
	1.692	1.647		3.572	3.527		5.451	5.406		7.331	7.286		9.211	9.166
28	44.56	43.42	58	92.31	91.17	88	140.06	138.92	118	187.80	186.66	148	235.55	234.41
	1.754	1.709		3.634	3.589		5.514	5.469		7.394	7.349		9.274	9.229
29	46.15	45.01	59	93.90	92.76	89	141.65	140.51	119	189.39	188.25	149	237.14	236.00
	1.817	1.772		3.697	3.652		5.577	5.532		7.456	7.411		9.336	9.291
30	47.75	46.61	60	95.49	94.35	90	143.24	142.10	120	190.99	189.85	150	238.73	237.59
	1.880	1.835		3.760	3.715		5.639	5.594		7.519	7.474		9.399	9.354
31	49.34	48.20	61	97.08	95.94	91	144.83	143.69	121	192.58	191.44	151	240.32	239.18
	1.942	1.897		3.822	3.777		5.702	5.657		7.582	7.537		9.462	9.417
32	50.93	49.79	62	98.68	97.54	92	146.42	145.28	122	194.17	193.03	152	241.92	240.78
	2.005	1.960		3.885	3.840		5.765	5.720		7.644	7.599		9.524	9.479
33	52.52	51.38	63	100.27	99.13	93	148.01	146.87	123	195.76	194.62	153	243.51	242.37
	2.068	2.023		3.948	3.903		5.827	5.782		7.707	7.662		9.587	9.542
34	54.11	52.97	64	101.86	100.72	94	149.61	148.47	124	197.35	196.21	154	245.10	243.96
	2.130	2.085		4.010	3.965		5.890	5.845		7.770	7.725		9.650	9.605
35	55.70	54.56	65	103.45	102.31	95	151.20	150.06	125	198.94	197.80	155	246.69	245.55
	2.193	2.148		4.073	4.028		5.953	5.908		7.832	7.787		9.712	9.667
36	57.30	56.16	66	105.04	103.90	96	152.79	151.65	126	200.54	199.40	156	248.28	247.14
	2.256	2.211		4.136	4.091		6.015	5.970		7.895	7.850		9.775	9.730
37	58.89	57.75	67	106.63	105.49	97	154.38	153.24	127	202.13	200.99	157	249.87	248.73
	2.318	2.273		4.198	4.153		6.078	6.033		7.958	7.913		9.838	9.793
38	60.48	59.34	68	108.23	107.09	98	155.97	154.83	128	203.72	202.58	158	251.46	250.32
	2.381	2.336		4.261	4.216		6.141	6.096		8.020	7.975		9.900	9.855
39	62.07	60.93	69	109.82	108.68	99	157.56	156.42	129	205.31	204.17	159	253.06	251.92
	2.444	2.399		4.324	4.279		6.203	6.158		8.083	8.038		9.963	9.918
40	63.66	62.52	70	111.41	110.27	100	159.15	158.01	130	206.90	205.76	160	254.65	253.51
	2.506	2.461		4.386	4.341		6.266	6.221		8.146	8.101		10.026	9.981
41	62.25	64.11	71	113.00	111.86	101	160.75	159.61	131	208.49	207.35			
	2.569	2.524		4.449	4.404		6.329	6.284		8.208	8.163			
42	66.85	65.71	72	114.59	113.45	102	162.34	161.20	132	210.08	208.94			
	2.632	2.587		4.511	4.466		6.391	6.346		8.271	8.226			

HTS 8mm Sprocket Diameters

No. of Teeth	Diameters		No. of Teeth	Diameters		No. of Teeth	Diameters		No. of Teeth	Diameters		No. of Teeth	Diameters	
	PD	mm In. OD		PD	mm In. OD		PD	mm In. OD		PD	mm In. OD		PD	mm In. OD
22	56.02 2.206	54.66 2.152	57	145.15 5.715	143.78 5.660	92	234.28 9.223	232.90 9.169	127	323.41 12.733	322.03 12.678	162	412.53 16.241	411.16 16.187
23	58.57 2.306	57.20 2.252	58	147.70 5.815	146.32 5.761	93	236.82 9.324	235.45 9.270	128	325.95 12.833	324.58 12.779	163	415.08 16.342	413.70 16.288
24	61.12 2.406	59.74 2.352	59	150.24 5.915	148.87 5.861	94	239.37 9.424	238.00 9.370	129	328.50 12.933	327.12 12.879	164	417.62 16.442	416.25 16.388
25	63.66 2.506	62.28 2.452	60	152.79 6.015	151.42 5.961	95	241.92 9.524	240.54 9.470	130	331.04 13.033	329.67 12.979	165	420.17 16.542	418.8 16.488
26	66.21 2.607	64.85 2.553	61	155.34 6.116	153.96 6.062	96	244.46 9.624	243.09 9.570	131	333.59 13.133	332.22 13.079	166	422.72 16.642	421.34 16.588
27	68.75 2.707	67.39 2.653	62	157.88 6.216	156.51 6.162	97	247.01 9.725	245.64 9.671	132	336.14 13.234	334.76 13.180	167	425.26 16.743	423.89 16.689
28	71.30 2.807	70.08 2.759	63	160.43 6.316	159.06 6.262	98	249.55 9.825	248.18 9.771	133	338.68 13.334	337.31 13.280	168	427.81 16.843	426.44 16.789
29	73.85 2.907	72.62 2.859	64	162.97 6.416	161.60 6.362	99	252.10 9.925	250.73 9.871	134	341.23 13.434	339.86 13.380	169	430.35 16.943	428.98 16.889
30	76.39 3.008	75.13 2.958	65	165.52 6.517	164.15 6.463	100	254.65 10.025	253.28 9.971	135	343.77 13.534	342.40 13.480	170	432.90 17.043	431.53 16.989
31	78.94 3.108	77.65 3.057	66	168.07 6.617	166.70 6.563	101	257.19 10.126	255.82 10.072	136	346.32 13.635	344.95 13.581	171	435.45 17.144	434.08 17.090
32	81.49 3.208	80.16 3.156	67	170.61 6.717	169.24 6.663	102	259.74 10.226	258.37 10.172	137	348.87 13.735	347.50 13.681	172	437.99 17.244	436.62 17.190
33	84.03 3.308	82.68 3.255	68	173.16 6.817	171.79 6.763	103	262.29 10.326	260.92 10.272	138	351.41 13.835	350.04 13.781	173	440.54 17.344	439.17 17.290
34	86.58 3.409	85.22 3.355	69	175.71 6.918	174.34 6.864	104	264.83 10.427	263.46 10.372	139	353.96 13.935	352.59 13.881	174	443.09 17.444	441.72 17.390
35	89.13 3.509	87.76 3.455	70	178.25 7.018	176.88 6.964	105	267.38 10.527	266.01 10.473	140	356.51 14.036	355.14 13.982	175	445.63 17.544	444.26 17.491
36	91.67 3.609	90.30 3.555	71	180.80 7.118	179.43 7.064	106	269.93 10.628	268.56 10.573	141	359.05 14.136	357.68 14.082	176	448.18 17.645	446.81 17.591
37	94.22 3.709	92.85 3.655	72	183.35 7.218	181.97 7.164	107	272.47 10.728	271.10 10.673	142	361.60 14.236	360.23 14.182	177	450.73 17.745	449.36 17.691
38	96.77 3.810	95.39 3.756	73	185.89 7.319	184.52 7.265	108	275.02 10.828	273.65 10.771	143	364.15 14.336	362.77 14.282	178	453.27 17.845	451.90 17.791
39	99.31 3.910	97.94 3.856	74	188.44 7.419	187.07 7.365	109	277.57 10.928	276.19 10.874	144	366.69 14.437	365.32 14.383	179	455.82 17.946	454.45 17.892
40	101.86 4.010	100.49 3.956	75	190.99 7.519	189.61 7.465	110	280.11 11.028	278.74 10.974	145	369.24 14.537	367.87 14.483	180	458.37 18.046	456.99 17.992
41	104.41 4.110	103.03 4.056	76	193.53 7.619	192.16 7.565	111	282.66 11.128	281.29 11.074	146	371.79 14.637	370.41 14.583	181	460.91 18.146	459.54 18.092
42	106.95 4.211	105.58 4.157	77	196.08 7.720	194.71 7.666	112	285.21 11.229	283.83 11.175	147	374.33 14.737	372.96 14.683	182	463.46 18.246	462.09 18.192
43	109.50 4.311	108.13 4.257	78	198.63 7.820	197.25 7.766	113	287.75 11.329	286.38 11.275	148	376.88 14.838	375.51 14.784	183	466.01 18.347	464.63 18.293
44	112.05 4.411	110.67 4.357	79	201.17 7.920	199.81 7.866	114	290.30 11.429	288.93 11.375	149	379.43 14.938	378.05 14.884	184	468.55 18.447	467.18 18.393
45	114.59 4.511	113.22 4.457	80	203.72 8.020	202.35 7.966	115	292.85 11.529	291.47 11.475	150	381.97 15.038	380.60 14.984	185	471.10 18.547	469.73 18.493
46	117.14 4.612	115.77 4.558	81	206.26 8.121	204.89 8.067	116	295.39 11.630	294.02 11.576	151	384.52 15.138	383.15 15.084	186	473.65 18.647	472.27 18.593
47	119.68 4.712	118.31 4.658	82	208.81 8.221	207.44 8.167	117	297.94 11.730	296.57 11.676	152	387.06 15.239	385.70 15.185	187	476.19 18.748	474.82 18.694
48	122.23 4.812	120.86 4.758	83	211.36 8.321	209.99 8.267	118	300.48 11.830	299.11 11.776	153	389.61 15.339	388.24 15.285	188	478.74 18.848	477.37 18.794
49	124.78 4.912	123.41 4.858	84	213.90 8.421	212.53 8.367	119	303.03 11.930	301.66 11.876	154	392.16 15.439	390.79 15.385	189	481.28 18.948	479.91 18.894
50	127.32 5.013	125.95 4.959	85	216.45 8.522	215.08 8.468	120	305.58 12.031	304.21 11.977	155	394.70 15.540	393.33 15.486	190	483.83 19.048	482.46 18.994
51	129.87 5.113	128.50 5.059	86	219.00 8.622	217.63 8.568	121	308.12 12.131	306.75 12.077	156	397.25 15.640	395.88 15.586	191	486.38 19.149	485.01 19.095
52	132.42 5.213	131.05 5.159	87	221.54 8.722	220.17 8.668	122	310.67 12.231	309.30 12.177	157	399.80 15.740	398.43 15.686	192	488.92 19.249	487.55 19.195
53	134.96 5.314	133.59 5.259	88	224.09 8.822	222.72 8.768	123	313.22 12.331	311.85 12.227	158	402.34 15.840	400.97 15.786			
54	137.51 5.414	136.14 5.360	89	226.64 8.923	225.27 8.869	124	315.76 12.432	314.39 12.378	159	404.89 15.941	403.52 15.887			
55	140.06 5.514	138.68 5.460	90	229.18 9.023	227.81 8.969	125	318.31 12.532	316.94 12.478	160	407.44 16.041	406.07 15.987			
56	142.60 5.614	141.23 5.560	91	231.73 9.123	230.36 9.069	126	320.86 12.632	319.48 12.578	161	409.98 16.141	408.61 16.087			



HTS 14mm Sprocket Diameters

No. of Teeth	Diameters mm In.		No. of Teeth	Diameters mm In.		No. of Teeth	Diameters mm In.		No. of Teeth	Diameters mm In.		No. of Teeth	Diameters mm In.	
	PD	OD		PD	OD		PD	OD		PD	OD		PD	OD
28	124.78 4.912	122.12 4.808	66	294.12 11.579	291.32 11.469	104	463.46 18.246	460.66 18.136	142	632.80 24.913	630.01 24.803	180	802.14 31.580	799.35 31.47
29	129.23 5.088	126.57 4.983	67	298.57 11.755	295.78 11.645	105	467.92 18.422	465.12 18.312	143	637.26 25.089	634.46 24.979	181	806.60 31.756	803.80 31.646
30	133.69 5.263	130.99 5.157	68	303.03 11.930	300.24 11.820	106	472.37 18.597	469.58 18.487	144	641.71 25.264	638.92 25.154	182	811.05 31.931	808.26 31.821
31	138.15 5.439	135.46 5.333	69	307.49 12.106	304.69 11.996	107	476.83 18.773	474.03 18.663	145	646.17 25.440	643.37 25.330	183	815.51 32.107	812.72 31.997
32	142.60 5.614	139.88 5.507	70	311.94 12.281	309.15 12.171	108	481.28 18.948	478.49 18.838	146	650.63 25.615	647.83 25.505	184	819.97 32.252	817.17 32.172
33	147.06 5.790	144.35 5.683	71	316.40 12.457	313.61 12.347	109	485.74 19.124	482.95 19.014	147	655.08 25.791	652.29 25.681	185	824.42 32.458	821.63 32.348
34	151.52 5.965	148.79 5.858	72	320.86 12.632	318.06 12.522	110	490.20 19.299	487.40 19.189	148	659.54 25.966	656.74 25.856	186	828.88 32.633	826.08 32.523
35	155.98 6.141	153.24 6.033	73	325.31 12.808	322.52 12.698	111	494.65 19.475	491.86 19.365	149	663.99 26.141	661.20 26.031	187	833.33 32.808	830.54 32.698
36	160.43 6.316	157.68 6.208	74	329.77 12.983	326.97 12.873	112	499.11 19.650	496.32 19.540	150	668.45 26.317	665.66 26.207	188	837.79 32.954	835.00 32.874
37	164.88 6.491	162.13 6.383	75	334.22 13.158	331.43 13.048	113	503.57 19.825	500.77 19.715	151	672.91 26.492	670.11 26.382	189	842.25 33.159	839.45 33.049
38	169.34 6.667	166.60 6.559	76	338.68 13.334	335.89 13.224	114	508.20 20.001	505.23 19.891	152	677.36 26.668	674.57 26.558	190	846.70 33.335	843.91 33.225
39	173.80 6.842	171.02 6.733	77	343.14 13.509	340.34 13.399	115	512.48 20.176	509.68 20.056	153	681.82 26.843	679.03 26.733	191	851.16 33.510	848.37 33.400
40	178.25 7.018	175.49 6.909	78	347.59 13.685	344.80 13.575	116	516.93 20.352	514.14 20.242	154	690.73 27.194	687.94 27.084	192	855.62 33.686	852.82 33.576
41	182.71 7.193	179.92 7.083	79	352.05 13.860	349.26 13.750	117	521.39 20.527	518.60 20.417	155	690.73 27.194	687.94 27.084	193	860.07 33.861	857.28 33.751
42	187.17 7.369	184.37 7.259	80	356.51 14.036	353.71 13.926	118	525.85 20.703	523.05 20.593	156	695.19 27.370	692.39 27.260	194	864.53 34.037	861.75 33.927
43	191.62 7.544	188.83 7.434	81	360.96 14.211	358.17 14.101	119	530.30 20.878	527.51 20.768	157	699.64 27.545	696.85 27.435	195	868.98 34.212	866.44 34.112
44	196.08 7.720	193.28 7.610	82	365.42 14.387	362.63 14.277	120	534.76 21.054	531.97 20.944	158	704.10 27.720	701.31 27.610	196	873.44 34.387	870.64 34.277
45	200.53 7.895	197.74 7.785	83	369.88 14.562	367.08 14.452	121	539.22 21.229	536.42 21.119	159	708.56 27.896	705.76 27.786	197	877.90 34.553	875.11 34.453
46	204.99 8.071	202.20 7.961	84	374.33 14.737	371.54 14.627	122	543.67 21.404	540.88 21.294	160	713.01 28.071	710.22 27.961	198	882.35 34.738	879.55 34.628
47	209.45 8.246	206.65 8.136	85	378.79 14.913	375.99 14.803	123	548.13 21.580	545.34 21.470	161	717.47 28.247	714.68 28.137	199	886.81 34.914	884.02 34.804
48	213.90 8.421	211.11 8.311	86	383.24 15.068	380.45 14.978	124	552.59 21.755	549.79 21.645	162	721.93 28.422	719.13 28.312	200	891.27 35.089	888.47 34.979
49	218.36 8.597	215.57 8.487	87	387.70 15.264	384.91 15.154	125	557.04 21.931	554.25 21.821	163	726.38 28.598	723.59 28.488	201	895.72 35.265	892.94 35.155
50	222.82 8.772	220.02 8.662	88	392.16 15.439	389.36 15.329	126	561.50 22.106	558.70 21.996	164	730.84 28.773	728.05 28.663	202	900.18 35.440	897.38 35.330
51	227.27 8.948	224.48 8.838	89	396.61 15.615	393.82 15.505	127	565.95 22.282	563.16 22.172	165	735.30 28.949	732.50 28.839	203	906.64 35.616	901.85 35.506
52	231.73 9.123	228.94 9.013	90	401.07 15.790	398.28 15.680	128	570.41 22.457	567.62 22.347	166	739.75 29.124	736.96 29.014	204	909.09 35.791	906.30 35.681
53	236.19 9.299	233.39 9.189	91	405.53 15.966	402.73 15.856	129	574.87 22.633	572.07 22.523	167	744.21 29.299	741.41 29.189	205	913.55 35.966	910.74 35.856
54	240.64 9.474	237.85 9.354	92	409.98 16.141	407.19 16.031	130	579.32 22.808	576.53 22.689	168	748.66 29.475	745.87 29.365	206	918.00 36.142	915.21 36.032
55	245.10 9.650	242.30 9.540	93	414.44 16.316	411.64 16.206	131	583.78 22.983	580.99 22.873	169	753.12 29.650	750.33 29.540	207	922.46 36.317	919.66 36.207
56	249.55 9.825	246.76 9.715	94	418.90 16.492	416.10 16.382	132	588.24 23.159	585.44 23.049	170	757.58 29.826	754.78 29.716	208	926.92 36.493	924.13 36.383
57	254.01 10.000	251.22 9.890	95	423.35 16.667	420.56 16.557	133	592.69 23.334	589.90 23.224	171	762.03 30.001	759.24 29.891	209	931.97 36.668	928.57 36.558
58	258.47 10.176	255.67 10.066	96	427.81 16.843	425.01 16.733	134	597.15 23.510	594.35 23.400	172	766.49 30.177	763.70 30.067	210	935.83 36.844	933.04 36.734
59	262.92 10.351	260.13 10.241	97	432.26 17.018	429.47 16.908	135	601.61 23.685	598.81 23.575	173	770.95 30.352	768.15 3.242	211	940.29 37.019	937.49 36.909
60	267.38 10.527	264.59 10.417	98	436.72 17.194	433.93 17.084	136	606.06 23.861	603.27 23.751	174	775.40 30.528	772.61 30.418	212	944.74 37.195	941.96 37.085
61	271.84 10.702	269.04 10.592	99	441.18 17.369	438.38 17.259	137	610.52 24.036	607.72 23.926	175	779.86 30.703	777.06 30.593	213	949.20 37.370	946.40 37.260
62	276.29 10.878	273.50 10.768	100	445.63 17.545	442.84 17.435	138	614.97 24.212	612.18 24.102	176	784.32 30.878	781.52 30.768	214	953.65 37.545	950.85 37.435
63	280.75 11.053	277.95 10.943	101	450.09 17.720	447.30 17.610	139	619.43 24.387	616.64 24.277	177	788.77 31.054	785.98 30.944	215	958.11 37.721	955.32 37.611
64	285.21 11.229	282.41 11.119	102	454.55 17.895	451.75 17.785	140	623.89 24.562	621.09 24.452	178	793.23 31.228	790.43 31.119	216	962.57 37.896	959.76 37.786
65	289.66 11.404	286.87 11.294	103	459.00 18.071	456.21 17.961	141	628.34 24.738	625.55 24.628	179	797.68 31.405	794.89 31.295			

PULLEYS

HTS 20mm Sprocket Diameters

No. of Teeth	mm In.		No. of Teeth	mm In.		No. of Teeth	mm In.		No. of Teeth	mm In.		No. of Teeth	mm In.	
	PD	OD		PD	OD		PD	OD		PD	OD		PD	OD
34	216.45 8.522	212.13 8.352	71	452.00 17.795	447.68 17.625	108	687.55 27.069	683.23 26.899	145	923.10 36.342	918.78 36.172	182	1158.65 45.616	1154.33 45.446
35	222.82 8.772	218.50 8.602	72	458.37 18.046	454.05 17.876	109	693.92 27.320	689.60 27.150	146	929.46 36.593	925.15 36.423	183	1165.01 45.867	1160.70 45.697
36	229.18 9.023	224.87 8.853	73	464.73 18.297	460.41 18.127	110	700.28 27.570	695.96 27.400	147	935.83 36.840	931.51 36.674	184	1171.38 46.117	1167.06 45.947
37	235.55 9.274	231.23 9.104	74	471.10 18.547	466.78 18.377	111	706.65 27.821	702.33 27.651	148	942.20 37.094	937.88 36.924	185	1177.75 46.368	1173.43 46.198
38	241.92 9.524	237.60 9.354	75	477.46 18.798	473.15 18.628	112	713.01 28.071	708.70 27.901	149	948.56 37.345	944.25 37.175	186	1184.11 46.619	1179.79 46.449
39	248.28 9.775	243.96 9.605	76	483.83 19.048	479.51 18.878	113	719.38 28.322	715.06 28.152	150	954.93 37.596	950.61 37.426	187	1190.48 46.859	1186.16 46.699
40	254.65 10.026	250.33 9.855	77	490.20 19.299	485.88 19.129	114	725.75 28.573	721.43 28.403	151	961.30 37.846	956.98 37.676	188	1196.85 47.120	1192.53 46.950
41	261.01 10.276	256.70 10.106	78	496.56 19.550	492.25 19.380	115	732.11 28.823	727.79 28.653	152	967.66 38.097	963.34 37.927	189	1203.21 47.371	1198.89 47.201
42	267.38 10.527	263.06 10.357	79	502.93 19.800	498.61 19.630	116	738.48 29.074	734.16 28.904	153	974.03 38.348	969.71 38.178	190	1209.58 47.621	1205.26 47.451
43	273.75 10.777	269.43 10.607	80	509.30 20.051	504.98 19.881	117	744.85 29.325	740.53 29.155	154	980.39 38.598	976.08 38.428	191	1215.94 47.672	1211.63 47.702
44	280.11 11.028	275.79 10.858	81	515.66 20.302	511.34 20.132	118	751.21 29.575	746.89 29.405	155	986.76 38.849	982.44 38.679	192	1222.31 48.122	1217.99 47.952
45	286.48 11.279	282.16 11.109	82	522.03 20.552	517.71 20.382	119	757.58 29.826	753.26 29.656	156	993.13 39.099	988.81 38.929	193	1228.68 48.373	1224.36 48.203
46	292.85 11.529	288.53 11.469	83	528.39 20.803	524.08 20.633	120	763.94 30.077	759.63 29.907	157	999.49 39.350	995.18 39.180	194	1235.04 48.624	1230.72 48.454
47	299.21 11.780	294.89 11.610	84	534.76 21.054	530.44 20.884	121	770.31 30.327	765.99 30.157	158	1005.86 39.601	1001.54 39.431	195	1241.41 48.874	1237.09 48.704
48	305.58 12.031	301.26 11.861	85	541.13 21.304	536.81 21.134	122	776.68 30.578	772.36 30.408	159	1012.23 39.851	1007.91 39.681	196	1247.77 49.125	1243.46 48.955
49	311.94 12.281	307.63 12.111	86	547.49 21.555	543.18 21.385	123	783.04 30.828	778.72 30.658	160	1018.59 40.102	1014.27 39.932	197	1254.14 49.376	1249.82 49.206
50	318.31 12.532	313.99 12.362	87	553.86 21.805	549.54 21.635	124	789.41 31.079	785.09 30.909	161	1024.96 40.353	1020.64 40.183	198	1260.51 49.626	1256.19 49.456
51	324.68 12.763	320.36 12.613	88	560.23 22.056	555.91 21.886	125	795.77 31.330	791.46 31.160	162	1031.32 40.603	1027.01 40.433	199	1266.87 49.577	1262.56 49.707
52	331.04 13.033	326.72 12.863	89	566.59 22.307	562.27 22.137	126	805.14 31.580	797.82 31.410	163	1037.69 40.854	1033.37 40.684	200	1273.24 50.128	1268.92 49.958
53	337.41 13.284	333.09 13.114	90	572.96 22.557	568.64 22.387	127	808.51 31.831	804.19 31.661	164	1044.06 41.105	1039.74 40.935	201	1279.61 50.378	1275.29 50.208
54	343.77 13.534	339.46 13.364	91	579.32 22.808	575.01 22.638	128	814.87 32.082	810.56 31.912	165	1050.42 41.355	1046.10 41.185	202	1285.97 50.629	1281.65 50.459
55	350.14 13.785	345.82 13.615	92	585.69 23.059	581.37 22.889	129	821.24 32.332	816.92 32.162	166	1056.79 41.606	1052.47 41.436	203	1292.34 50.679	1288.02 50.709
56	356.51 14.036	352.19 13.856	93	592.06 23.309	587.74 23.139	130	827.61 32.583	823.29 32.413	167	1063.16 41.856	1058.34 41.686	204	1298.70 51.130	1294.39 50.960
57	362.87 14.286	358.56 14.116	94	598.42 23.560	594.10 23.390	131	833.97 32.834	829.65 32.664	168	1069.52 42.107	1065.20 41.937	205	1305.07 51.381	1300.75 51.211
58	369.24 14.537	364.92 14.367	95	604.72 23.811	600.47 23.641	132	840.34 33.084	836.02 32.914	169	1075.89 42.358	1071.57 42.188	206	1311.44 51.631	1307.12 51.461
59	375.61 14.788	371.29 14.618	96	611.15 24.061	606.84 23.891	133	846.70 33.335	842.39 33.165	170	1082.25 42.608	1077.94 42.438	207	1317.80 51.882	1313.48 51.712
60	381.97 15.038	377.65 14.868	97	617.52 24.312	613.20 24.142	134	853.07 33.585	848.75 33.415	171	1088.62 42.859	1084.30 42.689	208	1324.17 52.133	1319.85 51.963
61	388.34 15.289	384.02 15.119	98	623.89 24.562	619.57 24.392	135	859.44 33.836	855.12 33.666	172	1094.99 43.110	1090.67 42.940	209	1330.54 52.383	1326.22 52.213
62	394.70 15.540	390.39 15.370	99	630.25 24.813	625.94 24.643	136	865.80 34.087	861.48 33.917	173	1101.35 43.350	1097.03 43.190	210	1336.90 52.634	1332.58 52.464
63	401.07 15.790	396.75 15.620	100	636.62 25.064	632.30 24.894	137	872.17 34.337	867.85 34.167	174	1107.72 43.611	1103.40 43.441	211	1343.27 52.885	1338.95 52.715
64	407.44 16.041	403.12 15.871	101	642.99 25.314	638.67 25.144	138	878.54 34.588	874.22 34.418	175	1114.08 43.862	1109.77 43.692	212	1349.63 53.135	1345.32 52.965
65	413.80 16.291	409.48 16.121	102	649.35 25.565	645.03 25.395	139	884.90 34.839	880.58 34.669	176	1120.45 44.112	1116.13 43.942	213	1356.00 53.386	1351.68 53.216
66	420.17 16.542	415.85 16.372	103	655.72 25.816	651.40 25.646	140	891.27 35.089	886.95 34.919	177	1126.82 44.363	1122.50 44.193	214	1362.37 53.635	1358.05 53.456
67	426.54 16.793	422.22 16.623	104	662.08 26.066	657.77 25.896	141	897.63 35.340	893.32 35.170	178	1133.18 44.614	1128.87 44.444	215	1368.73 53.887	1364.41 53.717
68	432.90 17.043	428.58 16.873	105	668.45 26.317	664.13 26.147	142	904.00 35.591	899.68 35.421	179	1139.55 44.854	1135.23 44.694	216	1375.10 54.136	1370.79 53.958
69	439.27 17.299	434.95 17.124	106	674.82 26.568	670.50 26.398	143	910.37 35.841	906.05 35.671	180	1145.92 45.115	1141.60 44.945			
70	445.63 17.545	441.32 17.375	107	681.18 26.818	676.87 26.648	144	916.73 36.092	912.41 35.922	181	1152.28 45.365	1147.96 45.195			

PULLEYS



HTS DRIVE SELECTION BASED ON RPP™ and RPP™ PLUS BELT RATINGS

The selection of a stock RPP™ and RPP™ PLUS Belt Drive involves these simple steps:

- Step 1.** Determine service factor and calculate design horsepower.
- Step 2.** Select pitch using belt pitch selection guide.
- Step 3.** Select drive using pre-engineered drive tables.
- Step 4.** Determine drive width.
- Step 5.** Specify drive components: sprockets, bushings and belts.

To illustrate the design procedure, the following sample problem will be solved simultaneously with the instructions for each step.

Sample Problem

A gear pump is to be driven by 40 HP NEMA, Type B, electric motor with an output speed of 1160 rpm. The gear pump is to be driven at 580 rpm +5%. The center distance is desired to approximately 30 inches, but can be altered +3 inches, if necessary. The motor shaft is 2 3/8 inches and the pump shaft is 3 inches. The pump will operate 2 shifts per day, 5 days per week. The pump sprocket is limited to 18 inches OD. There are no unusual drive conditions.

STEP 1. Determine Design Horsepower

PROCEDURE

To calculate the design HP, it is necessary to determine a service factor based on the power source, driven machine and the type duty required. To choose the service factor, first determine the driver classification for the prime mover. Now find the driven machine type for the application. If your specific application is not listed, choose one with similar load characteristics.

For speed-up drives, an additional service factor must be applied. This add-on factor is dependent upon drive ratio. Refer to table 1c for additional service factors.

To find the design HP, multiply the service factor by the motor nameplate rating or by the brake horsepower developed if an engine is being used.

EXAMPLE

Using Table 1a on page K-90, we find the 1160 rpm 40 HP, NEMA B, motor fall in Class II. Referring to the Class II column in Table 1b, it will be noted that the gear pump has a service factor of 1.4.

Since the pump will run 2 shifts a day, we then add 0.2 from Table 1c to 1.4 for a total service factor of 1.6.

$$\text{Rated HP} \times \text{Service factor} = \text{Design HP}$$
$$40 \times 1.6 = 64\text{HP}$$

STEP 2. Select Belt Pitch

PROCEDURE

Using the design HP calculated above and the rpm of the smaller sprocket; select from the "Belt Pitch Selection Guide" on page K-91 the belt pitch best suited for the application. If the drive falls into two pitches it is usually a good idea to check both pitches, starting with the lighter one.

EXAMPLE

Find 1160 rpm on the horizontal scale and move up to 64 design HP on the vertical scale. The intersection falls into the 14mm pitch area.

Basic Service Factors



To find a basic service factor: First, determine the class of the driveR (prime mover) in table 1a. Then, determine the basic service factor for the application in table 1b - in the same class as the driveR.

1a: driveR (prime mover)

Class of driveR	Class I	Class II	Class III
Momentary Peak Load, % of Rated Load	149%	150 to 249%	250 to 400%
AC Electric Motors:			
Single Phase Squirrel Cage			all
NEMA design A			
3600 rpm	40 HP up	1-1/2 thru 30 HP	1 thru 3 HP
1800 rpm	100 HP up	5 thru 75 HP	
1200 rpm	15 HP up	3/4 thru 10HP	
900 rpm	5 HP up	1/2 thru 3 HP	
NEMA design B			
3600 rpm		5 HP up	1 1/2 thru 3 HP
1800 rpm		5 HP up	1 thru 3 HP
1200 rpm		5 HP up	3/4 thru 3 HP
900 rpm		2 HP up	1 1/2 thru 1 1/2 HP
NEMA design C			
1800 rpm		15 HP up	5 thru 10 HP
1200 rpm		7-1/2 HP up	3 and 5 HP
900 rpm		all	
NEMA design D			all
NEMA design F	all		
Wound Rotor			
1800 rpm		20 HP	2 to 15 HP
1200 rpm		15 HP	2 to 10HP
900 rpm		7-1/2 HP	1 to 5HP
Synchronous		normal torque	high torque
DC Electric Motors	shunt	compound	series
Engines — int combust	8 cyl up	6 cyl	4 cyl or less
Hydraulic Motors,			
Line Shafts			all

1c: Additional Service Factors

Operating Conditions

Intermittent or Seasonal	Sub 0.1
Add for 10-16 hr. service	Add 0.2
Add for 16-24 hr. service	Add 0.4
Add for each idler	Add 0.2

Speed-Up Drives

For speed-up drives, add to the basic service factor the additional factor given below.

Speed-up Ratio range	Additional Factor	Speed-up Ratio Range	Additional Factor
1 to 1.24	none	2.50 to 3.49	.30
1.25 to 1.74	.10	3.50 & over	.40
1.75 to 2.49	.20		

Unusual Conditions

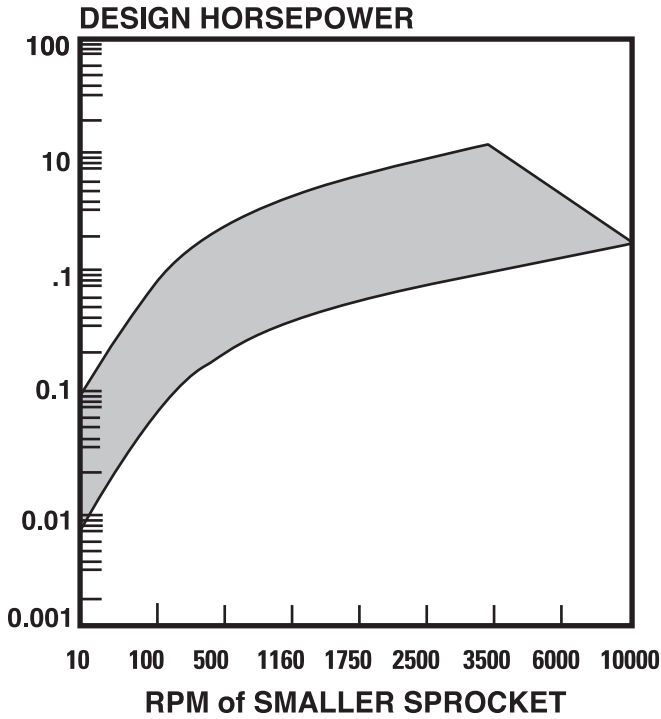
Additional service factors are required for unusual conditions - such as load reversal, heavy shock, plugged motor stop, electric brake. These should be determined by a transmission specialist.

1b: Basic Service factors of driveN Machines

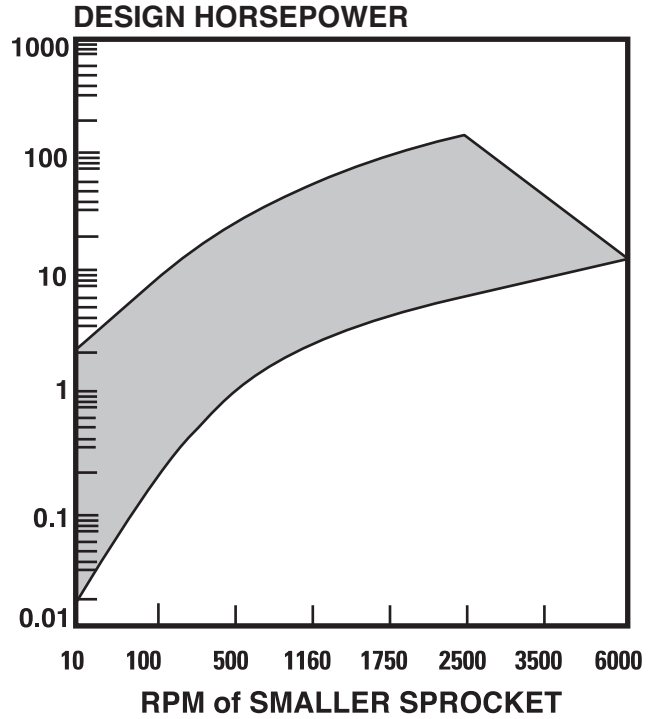
driveN Machines	Class I	Class II	Class III
Agitators, Mixers			
liquid	1.2	1.4	1.6
(paddle or propeller) semi-liquid	1.3	1.5	1.7
Bakery Machinery, Dough Mixers	1.2	1.4	1.6
Brick and Clay Machinery			
augers, mixers, granulators	1.4	1.6	1.8
pug mills	1.6	1.8	2.0
Centrifuges	1.5	1.7	—
Compressors			
reciprocating*	1.6	1.8	2.0
centrifugal	1.4	1.5	1.6
Conveyors			
belt, light package, oven	1.1	1.2	1.3
belt: ore, coal, sand	1.2	1.4	1.6
apron, bucket, elevator, pan	1.4	1.6	1.8
flight, screw	1.4	1.6	1.8
Fans, blowers			
Centrifugal, induced	1.4	1.6	1.8
draft exhausters			
propeller, mine fans,			
positive blowers			
Generators and Exciters	1.4	1.6	1.8
Hammer Mills	1.5	1.7	1.9
Hoists, Elevators	1.4	1.6	1.8
Laundry Machinery			
general	1.2	1.4	1.6
extractors, washers	1.4	1.6	1.8
Line Shafts	1.2	1.4	1.6
Machine Tools			
drill presses,	1.2	1.4	1.6
lathes, screw machines			
boring mills, grinders			
milling machines, shapers			
Mills			
ball, rod, pebble, etc.	—	1.9	2.1
Paper Machinery			
agitators, calendars, dryers	1.2	1.4	1.6
beaters, jordans, Nash pumps	1.4	1.6	1.8
pulpers			
Printing Machinery			
presses, newspaper, rotary,	1.2	1.4	1.6
embossing, flat bed, magazine;			
linotype machines; cutters; folders			
Pumps			
centrifugal, gear, rotary, pipeline	1.2	1.4	1.6
reciprocating*	1.7	1.9	2.1
Rubber Plant Machinery	1.4	1.6	1.8
Saw Mill Machinery	1.4	1.6	1.8
Screens			
vibrating (shakers)	1.3	1.5	—
drum, conical	1.2	1.4	—
Textile Machinery			
looms, spinning frames, twisters	1.3	1.5	1.7
warpers, reels	1.2	1.4	—
Woodworking Machinery			
lathes, band saws	1.2	1.3	—
jointer, circular saws, planers	1.2	1.4	—

*Note: When the driveN sprocket is used as a flywheel to reduce speed fluctuations, a specially constructed sprocket may be required. Consult *Martin* with the WR2 of the unit.

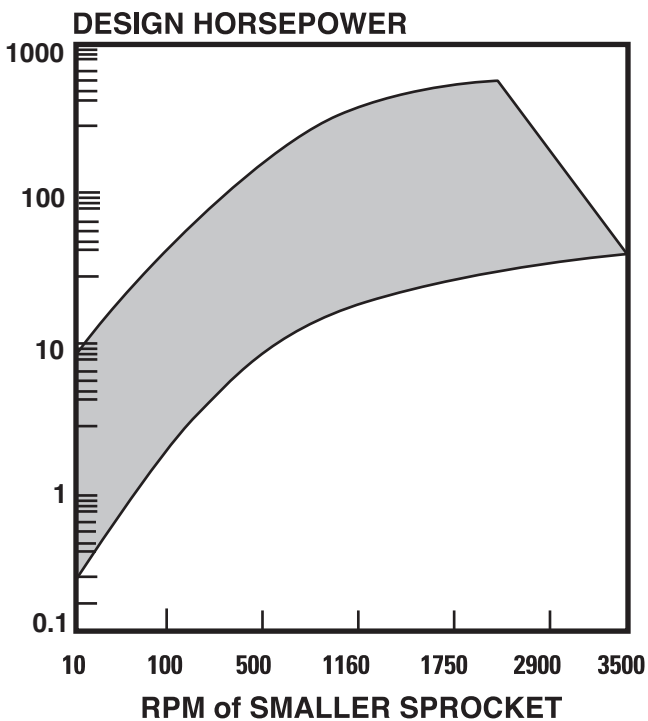
5MM PITCH



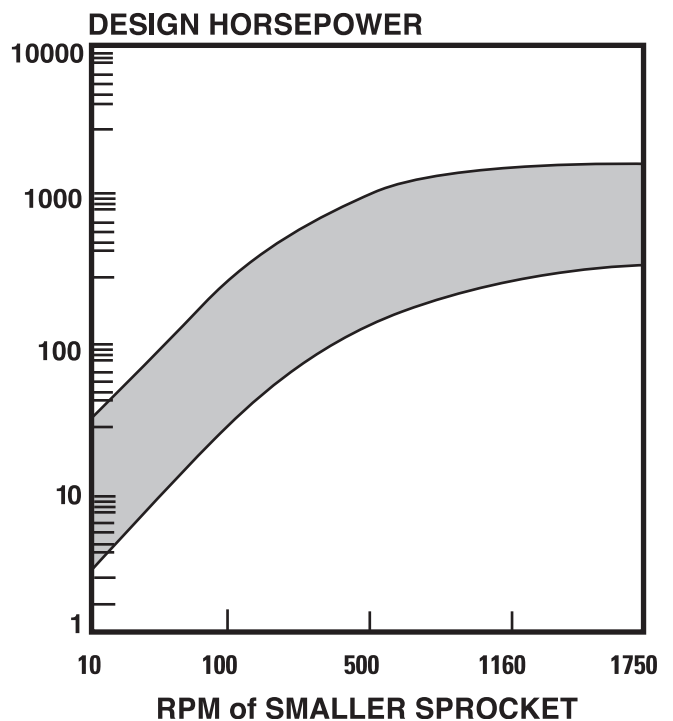
8MM PITCH



14MM PITCH



20MM PITCH



HTS Drive Selection Procedure



STEP 3. Select Sprocket and Belt Length

PROCEDURE

- a.** Determine speed ratio:
The speed ratio can be determined by any of the following methods.
1. Divide the rpm of the faster shaft by the slower shaft.
 2. Divide the large sprocket diameter by the small sprocket diameter.
 3. Divide the number of teeth of the large sprocket by the number of teeth of the small sprocket.
- b.** Select sprocket combination: turn to the Stock Drive Selection Tables (pages K-94 to K-149) and run down the left hand margin. Moving over within the selected speed ratio block we find the stock sprocket combinations available within this speed ratio. Selection will depend on the center distance required as well as the recommended minimum sprocket diameter for electric motors (see table below).
- c.** After selecting possible sprocket combinations which meet the center distance requirements, select the belt length required by proceeding up the column containing the center distance selected. At the top of the column will be the belt length code designation that will produce that center distance on that particular sprocket combination. Record the length factor given at the top or bottom of the table.

EXAMPLE

$$\frac{\text{rpm of faster shaft}}{\text{rpm of slower shaft}} = \frac{1160}{580} = 2.0$$

Desired ratio if 2.0 to 1

- b.** Using the Stock Drive Selection Tables for 14mm pitch and 1160 rpm drivers on pages K-132 to K-141, locate the drive ratio of 2.0. Eight combinations are shown on page K-126, all of which will meet the 30 + in. center distance desired. The maximum OD limit of 18 in. on the driveN sprocket and the minimum motor diameter of 6.1 eliminates four of the combinations; and the preference for as close to the 30 in. center distance as possible would favor the 36 to 72. The choice becomes a matter of economics or space. Larger sprockets require a smaller belt width for a given horsepower rating and also means less shaft loading. Although this usually gives a longer belt flex life the drive may have a higher initial cost.
- c.** Moving up the column in which the center distance appears, we find the 36 to 72 drive will use a 2310mm belt. The length factor in this case is 1.0.

Minimum Recommended Sprocket Pitch Diameters for General Purpose Electric Motors Synchronous Belts

Motor Horsepower	Motor Rpm (60 Cycle and 50 Cycle Electric Motors)					
	575 485*	690 575*	870 725*	1160 950*	1750 1425*	3450 2850*
1/2	—	—	2.0	—	—	—
3/4	—	—	2.2	2.0	—	—
1	2.7	2.3	2.2	2.2	2.0	—
1 1/2	2.7	2.7	2.2	2.2	2.2	2.0
2	3.4	2.7	2.7	2.2	2.2	2.2
3	4.1	3.4	2.7	2.7	2.2	2.2
5	4.1	4.1	3.4	2.7	2.7	2.2
7 1/2	4.7	4.1	4.0	3.4	2.7	2.7
10	5.4	4.7	4.0	4.0	3.4	2.7
15	6.1	5.4	4.7	4.0	4.0	3.4
20	7.4	6.1	5.4	4.7	4.0	4.0
25	8.1	7.4	6.1	5.4	4.0	4.0
30	9.0	8.1	6.1	6.1	4.7	—
40	9.0	9.0	7.4	6.1	5.4	—
50	9.9	9.0	7.6	7.4	6.1	—
60	10.8	9.9	9.0	7.2	6.7	—
75	12.6	11.7	8.6	9.0	7.7	—
100	16.2	13.5	10.8	9.0	7.7	—
125	18.0	16.2	13.5	10.8	9.5	—
150	19.8	18.0	16.2	11.7	9.5	—
200	19.8	19.8	19.8	—	11.9	—
250	19.8	19.8	—	—	—	—
300	24.3	24.3	—	—	—	—

*Indicates 50 cycle RPM electric motors. #Frame 444T use 8.6
Data in the white area is from NEMA Standard MG-1-14-42 of June 1972 and MG-1-14-43 of January, 1968.
The data in the shaded area is a composite of various motor manufacturers data. They are usually conservative, and a smaller sprocket may be permitted. Consult the motor manufacturer data.

HTS Drive System Selection Procedure



STEP 4. Select Belt Width

PROCEDURE

The stock drive selection tables on pages K-94 to K-149 list the horsepower ratings for the various stock belt widths.

To select the proper belt width, find the drive ratio required in the left-hand column. Read across to the appropriate motor rpm (1160 or 1750) and find a horsepower rating equal to or larger than the design horsepower of the drive. Keep in mind that the indicated horsepower rating must be corrected by multiplying it by the length factor, which is in the screened band above and below the center distances (length factors under 1.0 reduce the belt capacity while length factors over 1.0 increase the belt capacity). If the corrected horsepower capacity is equal to or exceeds the design hp, that belt width can be used. If it doesn't exceed the design horsepower, the next larger belt should be used.

Where there are several choices, as in this sample problem, drive limitations will generally control the choice. In addition, the following rules should be followed.

1. The larger the sprocket, the less belt width required.
2. Larger sprockets allow less strenuous flexing and, therefore, give better service life.
3. Avoid drives where the belt widths exceed sprocket diameter.
4. Larger sprockets mean lower shaft pull.

STEP 5. Check and Specify Stock Drive Components

PROCEDURE

a. Check Sprockets Selected:

Check the sprockets selected in steps 3 and 4 against the design requirements using the dimensions given in the Sprocket Specification Tables on pages K-73 to K-84. Use flange diameter in checking against maximum diameter requirements.

b. Determine Bushing Type and Check Bore Sizes.
Using the Sprocket Specification Tables, find the bushings to be used with the required sprockets.

c. Specify stock drive components.

Safety Note WARNING!

FAILURE TO FOLLOW RECOMMENDED APPLICATION INFORMATION AND RECOMMENDED PROCEDURES FOR INSTALLATION, CARE, MAINTENANCE AND STORAGE OF BELTS MAY RESULT IN FAILURE TO PERFORM PROPERLY AND MAY RESULT IN DAMAGE TO PROPERTY AND SERIOUS BODILY INJURY. MAKE SURE THAT BELTS SELECTED FOR ANY APPLICATION ARE RECOMMENDED FOR THAT SERVICE.

EXAMPLE

Refer to the 14mm belt selection tables and locate the 2.00 drive ratio line. According to step 3c, the 36 to 72 tooth combination could be used. Read across the 36 to 72 combination until you reach 88 hp (RPP-85). This horsepower which exceeds the design hp of the drive is located in the 85mm belt width column.

The recommended drive would be as follows:

DriveR sprocket: P3614M85-(SF or 3020)
DriveN sprocket: P7214M85-(F or 3535)
Belt: 2310-14M-85

EXAMPLE

From the table on page K80, we find the P7214M85 (QD or TB)driveN sprocket, to have a maximum diameter over the flanges of 13.19 in. This is less than the 18 in. maximum specified.

And, from the table on page K-82, we find that there is no sprocket P2814M170 available, so the final choice will be the 36 to 72 speed ratio sprockets.

DriveR- Either P3614M85-SF or P3614M85-3020

Both choices will satisfy the 2-3/8" bore requirement.

DriveN-P7214M85-F or P7214M85-3535

Again, both choices will satisfy the 3" bore requirement. Choosing a QD bushed drive,

Stock drive components are as follows:

- 1 - 2310-14M-85-R RPPtm Belt
- 1 - P3614M85-SF Sprocket
- 1 - SF bushing with 2 3/8-inch bore
- 1 - P7214M85-F Sprocket
- 1 - F bushing with 3-inch bore

HTS 5 mm Drive Selection Tables



Drive Ratio	Sprocket Combination				Driven Speeds and Horsepower Ratings								
	Driver		Driven		1160 RPM Driver			1750 RPM Driver			3550 RPM Driver		
	No. Teeth	P.D.	No. Teeth	P.D.	Driven Speed	HP for Belt Widths		Driven Speed	HP for Belt Widths		Driven Speed	HP for Belt Widths	
						15	25		15	25		15	25
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													
1.00	14	.877	14	.877	1160	0.47	...	1750	0.62	...	3550	1.02	...
1.00	16	1.003	16	1.003	1160	0.55	0.99	1750	0.73	1.32	3550	1.19	2.15
1.00	18	1.128	18	1.128	1160	0.63	1.14	1750	0.84	1.52	3550	1.37	2.47
1.00	20	1.253	20	1.253	1160	0.72	1.29	1750	0.95	1.72	3550	1.55	2.80
1.00	24	1.504	24	1.504	1160	0.89	1.61	1750	1.19	2.14	3550	1.92	3.46
1.00	28	1.754	28	1.754	1160	1.07	1.93	1750	1.43	2.57	3550	2.30	4.15
1.00	30	1.880	30	1.880	1160	1.16	2.10	1750	1.55	2.79	3550	2.49	4.49
1.00	32	2.005	32	2.005	1160	1.26	2.27	1750	1.67	3.01	3550	2.68	4.84
1.00	34	2.130	34	2.130	1160	1.35	2.44	1750	1.80	3.24	3550	2.88	5.19
1.00	36	2.256	36	2.256	1160	1.45	2.61	1750	1.92	3.47	3550	3.07	5.54
1.00	38	2.381	38	2.381	1160	1.54	2.79	1750	2.05	3.70	3550	3.27	5.89
1.00	40	2.506	40	2.506	1160	1.64	2.96	1750	2.18	3.93	3550	3.46	6.24
1.00	44	2.757	44	2.757	1160	1.84	3.32	1750	2.44	4.40	3550	3.85	6.94
1.00	48	3.008	48	3.008	1160	2.04	3.68	1750	2.70	4.88	3550	4.24	7.64
1.00	52	3.258	52	3.258	1160	2.25	4.05	1750	2.97	5.36	3550	4.62	8.33
1.00	56	3.509	56	3.509	1160	2.45	4.42	1750	3.24	5.85	3550	5.00	9.02
1.00	60	3.760	60	3.760	1160	2.66	4.80	1750	3.52	6.34	3550	5.37	9.69
1.00	64	4.010	64	4.010	1160	2.88	5.18	1750	3.79	6.83	3550	5.74	10.40
1.00	68	4.261	68	4.261	1160	3.09	5.57	1750	4.07	7.33	3550	6.10	11.00
1.00	72	4.511	72	4.511	1160	3.31	5.96	1750	4.35	7.84	3550	6.45	11.60
1.05	38	2.381	40	2.506	1102	1.54	2.79	1663	2.05	3.70	3373	3.27	5.89
1.06	36	2.256	38	2.381	1099	1.45	2.61	1658	1.92	3.47	3363	3.07	5.54
1.06	34	2.130	36	2.256	1096	1.35	2.44	1653	1.80	3.24	3353	2.88	5.19
1.06	68	4.261	72	4.511	1096	3.09	5.57	1653	4.07	7.33	3353	6.10	11.00
1.06	32	2.005	34	2.130	1092	1.26	2.27	1647	1.67	3.01	3341	2.68	4.84
1.06	64	4.010	68	4.261	1092	2.88	5.18	1647	3.79	6.83	3341	5.74	10.40
1.07	30	1.880	32	2.005	1088	1.16	2.10	1641	1.55	2.79	3328	2.49	4.49
1.07	60	3.760	64	4.010	1088	2.66	4.80	1641	3.52	6.34	3328	5.37	9.69
1.07	28	1.754	30	1.880	1083	1.07	1.93	1633	1.43	2.57	3313	2.30	4.15
1.07	56	3.509	60	3.760	1083	2.45	4.42	1633	3.24	5.85	3313	5.00	9.02
1.08	52	3.258	56	3.509	1077	2.25	4.05	1625	2.97	5.36	3296	4.62	8.33
1.08	48	3.008	52	3.258	1071	2.04	3.68	1615	2.70	4.88	3277	4.24	7.64
1.09	44	2.757	48	3.008	1063	1.84	3.32	1604	2.44	4.40	3254	3.85	6.94
1.10	40	2.506	44	2.757	1055	1.64	2.96	1591	2.18	3.93	3227	3.46	6.24
1.11	18	1.128	20	1.253	1044	0.63	1.14	1575	0.84	1.52	3195	1.37	2.47
1.11	36	2.256	40	2.506	1044	1.45	2.61	1575	1.92	3.47	3195	3.07	5.54
1.11	72	4.511	80	5.013	1044	3.31	5.96	1575	4.35	7.84	3195	6.45	11.60
1.12	34	2.130	38	2.381	1038	1.35	2.44	1566	1.80	3.24	3176	2.88	5.19
1.13	16	1.003	18	1.128	1031	0.55	0.99	1556	0.73	1.32	3156	1.19	2.15
1.13	32	2.005	36	2.256	1031	1.26	2.27	1556	1.67	3.01	3156	2.68	4.84
1.13	64	4.010	72	4.511	1031	2.88	5.18	1556	3.79	6.83	3156	5.74	10.40
1.13	30	1.880	34	2.130	1024	1.16	2.10	1544	1.55	2.79	3132	2.49	4.49
1.13	60	3.760	68	4.261	1024	2.66	4.80	1544	3.52	6.34	3132	5.37	9.69
1.14	14	.877	16	1.003	1015	0.47	...	1531	0.62	...	3106	1.02	...
1.14	28	1.754	32	2.005	1015	1.07	1.93	1531	1.43	2.57	3106	2.30	4.15
1.14	56	3.509	64	4.010	1015	2.45	4.42	1531	3.24	5.85	3106	5.00	9.02
1.15	52	3.258	60	3.760	1005	2.25	4.05	1517	2.97	5.36	3077	4.62	8.33
1.16	38	2.381	44	2.757	1002	1.54	2.79	1511	2.05	3.70	3066	3.27	5.89
1.17	24	1.504	28	1.754	994	0.89	1.61	1500	1.19	2.14	3043	1.92	3.46
1.17	48	3.008	56	3.509	994	2.04	3.68	1500	2.70	4.88	3043	4.24	7.64
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													

PULLEYS



HTS 5 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																					
BELT LENGTH CODE DESIGNATION																					
350	375	400	425	450	475	500	535	565	600	635	670	710	740	800	850	890	950	1000	1050	1125	1195
.8				.9				1.0				1.1				1.2					
5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.2	9.7	10.4	11.1	11.8	12.6	13.2	14.4	15.4	16.1	17.3	18.3	19.3	20.8	22.1
5.3	5.8	6.3	6.8	7.3	7.8	8.3	9.0	9.5	10.2	10.9	11.6	12.4	13.0	14.2	15.2	15.9	17.1	18.1	19.1	20.6	21.9
5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.8	9.4	10.0	10.7	11.4	12.2	12.8	14.0	15.0	15.7	16.9	17.9	18.9	20.4	21.8
4.9	5.4	5.9	6.4	6.9	7.4	7.9	8.6	9.2	9.8	10.5	11.2	12.0	12.6	13.8	14.8	15.6	16.7	17.7	18.7	20.2	21.6
4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.2	8.8	9.5	10.1	10.8	11.6	12.2	13.4	14.4	15.2	16.3	17.3	18.3	19.8	21.2
4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.8	8.4	9.1	9.7	10.4	11.2	11.8	13.0	14.0	14.8	15.9	16.9	17.9	19.4	20.8
3.9	4.4	4.9	5.4	5.9	6.4	6.9	7.6	8.2	8.9	9.5	10.2	11.0	11.6	12.8	13.8	14.6	15.7	16.7	17.7	19.2	20.6
3.7	4.2	4.7	5.2	5.7	6.2	6.7	7.4	8.0	8.7	9.4	10.0	10.8	11.4	12.6	13.6	14.4	15.6	16.5	17.5	19.0	20.4
3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.2	7.8	8.5	9.2	9.8	10.6	11.2	12.4	13.4	14.2	15.4	16.3	17.3	18.8	20.2
3.3	3.8	4.3	4.8	5.3	5.8	6.3	7.0	7.6	8.3	9.0	9.6	10.4	11.0	12.2	13.2	14.0	15.2	16.1	17.1	18.6	20.0
3.2	3.6	4.1	4.6	5.1	5.6	6.1	6.8	7.4	8.1	8.8	9.5	10.2	10.8	12.0	13.0	13.8	15.0	15.9	16.9	18.4	19.8
3.0	3.4	3.9	4.4	4.9	5.4	5.9	6.6	7.2	7.9	8.6	9.3	10.0	10.6	11.8	12.8	13.6	14.8	15.8	16.7	18.2	19.6
...	...	3.5	4.0	4.5	5.0	5.5	6.2	6.8	7.5	8.2	8.9	9.6	10.2	11.4	12.4	13.2	14.4	15.4	16.3	17.8	19.2
...	...	...	3.6	4.1	4.6	5.1	5.8	6.4	7.1	7.8	8.5	9.3	9.8	11.0	12.0	12.8	14.0	15.0	15.9	17.4	18.8
...	...	...	...	3.7	4.2	4.7	5.4	6.0	6.7	7.4	8.1	8.9	9.5	10.6	11.6	12.4	13.6	14.6	15.6	17.0	18.4
...	...	...	...	...	...	4.3	5.0	5.6	6.3	7.0	7.7	8.5	9.1	10.2	11.2	12.0	13.2	14.2	15.2	16.6	18.0
...	...	...	...	...	...	...	4.6	5.2	5.9	6.6	7.3	8.1	8.7	9.8	10.8	11.6	12.8	13.8	14.8	16.2	17.6
...	...	...	...	...	...	...	...	4.8	5.5	6.2	6.9	7.7	8.3	9.5	10.4	11.2	12.4	13.4	14.4	15.8	17.2
...	...	...	...	...	...	...	...	...	5.1	5.8	6.5	7.3	7.9	9.1	10.0	10.8	12.0	13.0	14.0	15.5	16.8
...	...	...	...	...	...	...	...	...	0.0	5.4	6.1	6.9	7.5	8.7	9.6	10.4	11.6	12.6	13.6	15.1	16.4
3.1	3.5	4.0	4.5	5.0	5.5	6.0	6.7	7.3	8.0	8.7	9.4	10.1	10.7	11.9	12.9	13.7	14.9	15.8	16.8	18.3	19.7
3.2	3.7	4.2	4.7	5.2	5.7	6.2	6.9	7.5	8.2	8.9	9.5	10.3	10.9	12.1	13.1	13.9	15.1	16.0	17.0	18.5	19.9
3.4	3.9	4.4	4.9	5.4	5.9	6.4	7.1	7.7	8.4	9.1	9.7	10.5	11.1	12.3	13.3	14.1	15.3	16.2	17.2	18.7	20.1
...	...	...	...	...	...	...	...	...	4.9	5.6	6.3	7.1	7.7	8.9	9.8	10.6	11.8	12.8	13.8	15.3	16.6
3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.3	7.9	8.6	9.3	9.9	10.7	11.3	12.5	13.5	14.3	15.5	16.4	17.4	18.9	20.3
...	...	...	...	...	...	...	...	4.6	5.3	6.0	6.7	7.5	8.1	9.3	10.2	11.0	12.2	13.2	14.2	15.7	17.0
3.8	4.3	4.8	5.3	5.8	6.3	6.8	7.5	8.1	8.8	9.5	10.1	10.9	11.5	12.7	13.7	14.5	15.7	16.6	17.6	19.1	20.5
...	...	...	...	...	...	...	4.4	5.0	5.7	6.4	7.1	7.9	8.5	9.6	10.6	11.4	12.6	13.6	14.6	16.0	17.4
4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.7	8.3	9.0	9.6	10.3	11.1	11.7	12.9	13.9	14.7	15.8	16.8	17.8	19.3	20.7
...	...	...	...	...	...	4.1	4.8	5.4	6.1	6.8	7.5	8.3	8.9	10.0	11.0	11.8	13.0	14.0	15.0	16.4	17.8
...	...	...	...	...	4.0	4.5	5.2	5.8	6.5	7.2	7.9	8.7	9.3	10.4	11.4	12.2	13.4	14.4	15.4	16.8	18.2
...	...	...	...	3.9	4.4	4.9	5.6	6.2	6.9	7.6	8.3	9.1	9.6	10.8	11.8	12.6	13.8	14.8	15.7	17.2	18.6
...	...	3.3	3.8	4.3	4.8	5.3	6.0	6.6	7.3	8.0	8.7	9.5	10.0	11.2	12.2	13.0	14.2	15.2	16.1	17.6	19.0
...	3.2	3.7	4.2	4.7	5.2	5.7	6.4	7.0	7.7	8.4	9.1	9.8	10.4	11.6	12.6	13.4	14.6	15.6	16.5	18.0	19.4
5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.7	9.3	9.9	10.6	11.3	12.1	12.7	13.9	14.9	15.7	16.8	17.8	18.8	20.3	21.7
3.1	3.6	4.1	4.6	5.1	5.6	6.1	6.8	7.4	8.1	8.8	9.4	10.2	10.8	12.0	13.0	13.8	15.0	15.9	16.9	18.4	19.8
...	...	...	...	...	...	...	...	...	...	...	5.7	6.5	7.1	8.3	9.3	10.0	11.2	12.2	13.2	14.7	16.0
3.3	3.8	4.3	4.8	5.3	5.8	6.3	7.0	7.6	8.3	9.0	9.6	10.4	11.0	12.2	13.2	14.0	15.2	16.1	17.1	18.6	20.0
5.2	5.7	6.2	6.7	7.2	7.7	8.2	8.9	9.4	10.1	10.8	11.5	12.3	12.9	14.1	15.1	15.8	17.0	18.0	19.0	20.5	21.9
3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.2	7.8	8.5	9.2	9.8	10.6	11.2	12.4	13.4	14.2	15.4	16.3	17.3	18.8	20.2
...	...	...	...	...	...	...	...	...	5.1	5.8	6.5	7.3	7.9	9.1	10.0	10.8	12.0	13.0	14.0	15.5	16.8
3.7	4.2	4.7	5.2	5.7	6.2	6.7	7.4	8.0	8.7	9.4	10.0	10.8	11.4	12.6	13.6	14.4	15.6	16.5	17.5	19.0	20.4
...	...	...	...	...	...	...	...	4.8	5.5	6.2	6.9	7.7	8.3	9.4	10.4	11.2	12.4	13.4	14.4	15.8	17.2
5.4	5.9	6.4	6.9	7.4	7.9	8.4	9.1	9.6	10.3	11.0	11.7	12.5	13.1	14.3	15.3	16.0	17.2	18.2	19.2	20.7	22.0
3.9	4.4	4.9	5.4	5.9	6.4	6.9	7.6	8.2	8.9	9.5	10.2	11.0	11.6	12.8	13.8	14.6	15.7	16.7	17.7	19.2	20.6
...	...	...	...	...	...	...	4.6	5.2	5.9	6.6	7.3	8.1	8.7	9.8	10.8	11.6	12.8	13.8	14.8	16.2	17.6
...	...	...	...	...	...	4.3	5.0	5.6	6.3	7.0	7.7	8.5	9.1	10.2	11.2	12.0	13.2	14.2	15.2	16.6	18.0
...	3.3	3.8	4.3	4.8	5.3	5.8	6.5	7.1	7.8	8.5	9.2	9.9	10.5	11.7	12.7	13.5	14.7	15.7	16.6	18.1	19.5
4.3	4.8	5.3	5.8	6.3	6.8	7.3	8.0	8.6	9.3	9.9	10.6	11.4	12.0	13.2	14.2	15.0	16.1	17.1	18.1	19.6	21.0
...	...	...	...	3.7	4.2	4.7	5.4	6.0	6.7	7.4	8.1	8.9	9.4	10.6	11.6	12.4	13.6	14.6	15.6	17.0	18.4
.8				.9				1.0				1.1				1.2					

PULLEYS

HTS 5 mm Drive Selection Tables



Drive Ratio	Sprocket Combination				Driven Speeds and Horsepower Ratings								
	Driver		Driven		1160 RPM Driver			1750 RPM Driver			3550 RPM Driver		
	No. Teeth	P.D.	No. Teeth	P.D.	Driven Speed	HP for Belt Widths		Driven Speed	HP for Belt Widths		Driven Speed	HP for Belt Widths	
					15	25		15	25		15	25	
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													
1.18	34	2.130	40	2.506	986	1.35	2.44	1488	1.80	3.24	3018	2.88	5.19
1.18	68	4.261	80	5.013	986	3.09	5.57	1488	4.07	7.33	3018	6.10	11.0
1.18	44	2.757	52	3.258	982	1.84	3.32	1481	2.44	4.40	3004	3.85	6.94
1.19	32	2.005	38	2.381	977	1.26	2.27	1474	1.67	3.01	2989	2.68	4.84
1.20	20	1.253	24	1.504	967	0.72	1.29	1458	0.95	1.72	2958	1.55	2.80
1.20	30	1.880	36	2.256	967	1.16	2.10	1458	1.55	2.79	2958	2.49	4.49
1.20	40	2.506	48	3.008	967	1.64	2.96	1458	2.18	3.93	2958	3.46	6.24
1.20	60	3.760	72	4.511	967	2.66	4.80	1458	3.52	6.34	2958	5.37	9.69
1.21	28	1.754	34	2.130	955	1.07	1.93	1441	1.43	2.57	2924	2.30	4.15
1.21	56	3.509	68	4.261	955	2.45	4.42	1441	3.24	5.85	2924	5.00	9.02
1.22	36	2.256	44	2.757	949	1.45	2.61	1432	1.92	3.47	2905	3.07	5.54
1.23	52	3.258	64	4.010	943	2.25	4.05	1422	2.97	5.36	2884	4.62	8.33
1.25	16	1.003	20	1.253	928	0.55	0.99	1400	0.73	1.32	2840	1.19	2.15
1.25	24	1.504	30	1.880	928	0.89	1.61	1400	1.19	2.14	2840	1.92	3.46
1.25	32	2.005	40	2.506	928	1.26	2.27	1400	1.67	3.01	2840	2.68	4.84
1.25	48	3.008	60	3.700	928	2.04	3.68	1400	2.70	4.88	2840	4.24	7.64
1.25	64	4.010	80	5.013	928	2.88	5.18	1400	3.79	6.83	2840	5.74	10.4
1.25	72	4.511	90	5.639	928	3.31	5.96	1400	4.35	7.84	2840	6.45	11.6
1.26	38	2.381	48	3.008	918	1.54	2.79	1385	2.05	3.70	2810	3.27	5.89
1.27	30	1.880	38	2.381	916	1.16	2.10	1382	1.55	2.79	2803	2.49	4.49
1.27	44	2.757	56	3.509	911	1.84	3.32	1375	2.44	4.40	2789	3.85	6.94
1.29	14	.877	18	1.128	902	0.47	...	1361	0.62	...	2761	1.02	...
1.29	28	1.754	36	2.256	902	1.07	1.93	1361	1.43	2.57	2761	2.30	4.15
1.29	56	3.509	72	4.511	902	2.45	4.42	1361	3.24	5.85	2761	5.00	9.02
1.29	34	2.130	44	2.757	896	1.35	2.44	1352	1.80	3.24	2743	2.88	5.19
1.30	40	2.506	52	3.258	892	1.64	2.96	1346	2.18	3.93	2731	3.46	6.24
1.31	52	3.258	68	4.261	887	2.25	4.05	1338	2.97	5.36	2715	4.62	8.33
1.32	68	4.261	90	5.639	876	3.09	5.57	1322	4.07	7.33	2682	6.10	11.0
1.33	18	1.128	24	1.504	870	0.63	1.14	1313	0.84	1.52	2663	1.37	2.47
1.33	24	1.504	32	2.005	870	0.89	1.61	1313	1.19	2.14	2663	1.92	3.46
1.33	30	1.880	40	2.506	870	1.16	2.10	1313	1.55	2.79	2663	2.49	4.49
1.33	36	2.256	48	3.008	870	1.45	2.61	1313	1.92	3.47	2663	3.07	5.54
1.33	48	3.008	64	4.010	870	2.04	3.68	1313	2.70	4.88	2663	4.24	7.64
1.33	60	3.760	80	5.013	870	2.66	4.80	1313	3.52	6.34	2663	5.37	9.69
1.36	28	1.754	38	2.381	855	1.07	1.93	1289	1.43	2.57	2616	2.30	4.15
1.36	44	2.757	60	3.760	851	1.84	3.32	1283	2.44	4.40	2603	3.85	6.94
1.37	38	2.381	52	3.258	848	1.54	2.79	1279	2.05	3.70	2594	3.27	5.89
1.38	32	2.005	44	2.757	844	1.26	2.27	1273	1.67	3.01	2582	2.68	4.84
1.38	52	3.258	72	4.511	838	2.25	4.05	1264	2.97	5.36	2564	4.62	8.33
1.40	20	1.253	28	1.754	829	0.72	1.29	1250	0.95	1.72	2536	1.55	2.80
1.40	40	2.506	56	3.509	829	1.64	2.96	1250	2.18	3.93	2536	3.46	6.24
1.41	64	4.010	90	5.639	825	2.88	5.18	1244	3.79	6.83	2524	5.74	10.4
1.41	34	2.130	48	3.008	822	1.35	2.44	1240	1.80	3.24	2515	2.88	5.19
1.42	24	1.504	34	2.130	819	0.89	1.61	1235	1.19	2.14	2506	1.92	3.46
1.42	48	3.008	68	4.261	819	2.04	3.68	1235	2.70	4.88	2506	4.24	7.64
1.43	14	.877	20	1.253	812	0.47	...	1225	0.62	...	2485	1.02	...
1.43	28	1.754	40	2.506	812	1.07	1.93	1225	1.43	2.57	2485	2.30	4.15
1.43	56	3.509	80	5.013	812	2.45	4.42	1225	3.24	5.85	2485	5.00	9.02
1.44	36	2.256	52	3.258	803	1.45	2.61	1212	1.92	3.47	2458	3.07	5.54
1.45	44	2.757	64	4.010	798	1.84	3.32	1203	2.44	4.40	2441	3.85	6.94
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													

PULLEYS



HTS 5 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																					
BELT LENGTH CODE DESIGNATION																					
350	375	400	425	450	475	500	535	565	600	635	670	710	740	800	850	890	950	1000	1050	1125	1195
.8				.9				1.0						1.1				1.2			
3.2	3.7	4.2	4.7	5.2	5.7	6.2	6.9	7.5	8.2	8.9	9.5	10.3	10.9	12.1	13.1	13.9	15.1	16.0	17.0	18.5	19.9
...	...	...	...	...	...	...	...	...	...	5.2	5.9	6.7	7.3	8.5	9.4	10.2	11.4	12.4	13.4	14.9	16.2
...	...	...	3.6	4.1	4.6	5.1	5.8	6.4	7.1	7.8	8.5	9.3	9.8	11.0	12.0	12.8	14.0	15.0	15.9	17.4	18.8
3.4	3.9	4.4	4.9	5.4	5.9	6.4	7.1	7.7	8.4	9.1	9.7	10.5	11.1	12.3	13.3	14.1	15.3	16.2	17.2	18.7	20.1
4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.4	9.0	9.6	10.3	11.0	11.8	12.4	13.6	14.6	15.4	16.5	17.5	18.5	20.0	21.4
3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.3	7.9	8.6	9.3	9.9	10.7	11.3	12.5	13.5	14.3	15.5	16.4	17.4	18.9	20.3
...	...	3.5	4.0	4.5	5.0	5.5	6.2	6.8	7.5	8.2	8.9	9.6	10.2	11.4	12.4	13.2	14.4	15.4	16.3	17.8	19.2
...	...	...	...	...	...	...	...	4.6	5.3	6.0	6.7	7.5	8.1	9.2	10.2	11.0	12.2	13.2	14.2	15.6	17.0
3.8	4.3	4.8	5.3	5.8	6.3	6.8	7.5	8.1	8.8	9.4	10.1	10.9	11.5	12.7	13.7	14.5	15.6	16.6	17.6	19.1	20.5
...	...	...	...	...	...	...	4.4	5.0	5.7	6.4	7.1	7.9	8.5	9.6	10.6	11.4	12.6	13.6	14.6	16.0	17.4
2.9	3.4	3.9	4.4	4.9	5.4	5.9	6.6	7.2	7.9	8.6	9.3	10.0	10.6	11.8	12.8	13.6	14.8	15.7	16.7	18.2	19.6
...	...	...	...	...	...	4.1	4.8	5.4	6.1	6.8	7.5	8.3	8.9	10.0	11.0	11.8	13.0	14.0	15.0	16.4	17.8
5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.8	9.4	10.0	10.7	11.4	12.2	12.8	14.0	15.0	15.7	16.9	17.9	18.9	20.4	21.8
4.2	4.7	5.2	5.7	6.2	6.7	7.2	7.9	8.5	9.2	9.8	10.5	11.3	11.9	13.1	14.1	14.9	16.0	17.0	18.0	19.5	20.9
3.3	3.8	4.3	4.8	5.3	5.8	6.3	7.0	7.6	8.3	9.0	9.6	10.4	11.0	12.2	13.2	14.0	15.2	16.1	17.1	18.6	20.0
...	...	...	...	...	4.0	4.5	5.2	5.8	6.5	7.2	7.9	8.7	9.2	10.4	11.4	12.2	13.4	14.4	15.4	16.8	18.2
...	...	...	...	...	...	...	...	...	...	5.4	6.1	6.9	7.5	8.6	9.6	10.4	11.6	12.6	13.6	15.1	16.4
...	...	...	...	...	...	...	...	...	...	...	...	6.0	6.6	7.8	8.7	9.5	10.7	11.7	12.7	14.2	15.5
...	3.1	3.6	4.1	4.6	5.1	5.6	6.3	6.9	7.6	8.3	9.0	9.7	10.3	11.5	12.5	13.3	14.5	15.5	16.4	17.9	19.3
3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.2	7.8	8.5	9.2	9.8	10.6	11.2	12.4	13.4	14.2	15.4	16.3	17.3	18.8	20.2
...	...	...	...	3.9	4.4	4.9	5.6	6.2	6.9	7.6	8.3	9.0	9.6	10.8	11.8	12.6	13.8	14.8	15.7	17.2	18.6
5.3	5.8	6.3	6.8	7.3	7.8	8.3	9.0	9.5	10.2	10.9	11.6	12.4	13.0	14.2	15.2	15.9	17.1	18.1	19.1	20.6	21.9
3.7	4.2	4.7	5.2	5.7	6.2	6.7	7.4	8.0	8.7	9.3	10.0	10.8	11.4	12.6	13.6	14.4	15.6	16.5	17.5	19.0	20.4
...	...	...	...	...	...	...	...	4.8	5.5	6.2	6.9	7.7	8.3	9.4	10.4	11.2	12.4	13.4	14.4	15.8	17.2
3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.7	7.3	8.0	8.7	9.3	10.1	10.7	11.9	12.9	13.7	14.9	15.8	16.8	18.3	19.7
...	...	3.3	3.8	4.3	4.8	5.3	6.0	6.6	7.3	8.0	8.7	9.4	10.0	11.2	12.2	13.0	14.2	15.2	16.1	17.6	19.0
...	...	...	...	...	...	...	4.6	5.2	5.9	6.6	7.3	8.1	8.6	9.8	10.8	11.6	12.8	13.8	14.8	16.2	17.6
...	...	...	...	...	...	...	...	...	...	...	5.4	6.2	6.8	7.9	8.9	9.7	10.9	11.9	12.9	14.4	15.7
4.8	5.3	5.8	6.3	6.8	7.3	7.8	8.5	9.1	9.7	10.4	11.1	11.9	12.5	13.7	14.7	15.5	16.6	17.6	18.6	20.1	21.5
4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.8	8.4	9.1	9.7	10.4	11.2	11.8	13.0	14.0	14.8	15.9	16.9	17.9	19.4	20.8
3.4	3.9	4.4	4.9	5.4	5.9	6.4	7.1	7.7	8.4	9.1	9.7	10.5	11.1	12.3	13.3	14.1	15.3	16.2	17.2	18.7	20.1
...	3.2	3.7	4.2	4.7	5.2	5.7	6.4	7.0	7.7	8.4	9.0	9.8	10.4	11.6	12.6	13.4	14.6	15.5	16.5	18.0	19.4
...	...	...	...	...	...	4.3	5.0	5.6	6.3	7.0	7.7	8.5	9.0	10.2	11.2	12.0	13.2	14.2	15.2	16.6	18.0
...	...	...	...	...	...	...	...	...	4.9	5.6	6.3	7.1	7.7	8.8	9.8	10.6	11.8	12.8	13.8	15.2	16.6
3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.3	7.9	8.6	9.2	9.9	10.7	11.3	12.5	13.5	14.3	15.5	16.4	17.4	18.9	20.3
...	...	...	...	3.7	4.2	4.7	5.4	6.0	6.7	7.4	8.1	8.8	9.4	10.6	11.6	12.4	13.6	14.6	15.5	17.0	18.4
...	...	3.4	3.9	4.4	4.9	5.4	6.1	6.7	7.4	8.1	8.8	9.5	10.1	11.3	12.3	13.1	14.3	15.3	16.2	17.7	19.1
3.1	3.6	4.1	4.6	5.1	5.6	6.1	6.8	7.4	8.1	8.8	9.4	10.2	10.8	12.0	13.0	13.8	15.0	15.9	16.9	18.4	19.8
...	...	...	...	...	...	...	4.4	5.0	5.7	6.4	7.1	7.8	8.4	9.6	10.6	11.4	12.6	13.6	14.6	16.0	17.4
4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.2	8.8	9.4	10.1	10.8	11.6	12.2	13.4	14.4	15.2	16.3	17.3	18.3	19.8	21.2
...	...	...	3.6	4.1	4.6	5.1	5.8	6.4	7.1	7.8	8.5	9.2	9.8	11.0	12.0	12.8	14.0	15.0	15.9	17.4	18.8
...	...	...	...	...	...	...	...	...	...	...	5.5	6.3	6.9	8.1	9.1	9.9	11.1	12.1	13.1	14.5	15.9
...	3.3	3.8	4.3	4.8	5.3	5.8	6.5	7.1	7.8	8.5	9.1	9.9	10.5	11.7	12.7	13.5	14.7	15.6	16.6	18.1	19.5
4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.7	8.3	9.0	9.6	10.3	11.1	11.7	12.9	13.9	14.7	15.8	16.8	17.8	19.3	20.7
...	...	...	...	...	...	4.1	4.8	5.4	6.1	6.8	7.5	8.2	8.8	10.0	11.0	11.8	13.0	14.0	14.9	16.4	17.8
5.2	5.7	6.2	6.7	7.2	7.7	8.2	8.9	9.4	10.1	10.8	11.5	12.3	12.9	14.1	15.1	15.8	17.0	18.0	19.0	20.5	21.9
3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.2	7.8	8.5	9.1	9.8	10.6	11.2	12.4	13.4	14.2	15.4	16.3	17.3	18.8	20.2
...	...	...	...	...	...	...	...	...	5.1	5.8	6.5	7.2	7.8	9.0	10.0	10.8	12.0	13.0	14.0	15.4	16.8
...	...	3.5	4.0	4.5	5.0	5.5	6.2	6.8	7.5	8.2	8.8	9.6	10.2	11.4	12.4	13.2	14.4	15.3	16.3	17.8	19.2
...	...	...	...	...	4.0	4.5	5.2	5.8	6.5	7.2	7.8	8.6	9.2	10.4	11.4	12.2	13.4	14.4	15.3	16.8	18.2
.8				.9				1.0						1.1				1.2			

HTS 5 mm Drive Selection Tables



Drive Ratio	Sprocket Combination				Driven Speeds and Horsepower Ratings								
	Driver		Driven		1160 RPM Driver			1750 RPM Driver			3550 RPM Driver		
	No. Teeth	P.D.	No. Teeth	P.D.	Driven Speed	HP for Belt Widths		Driven Speed	HP for Belt Widths		Driven Speed	HP for Belt Widths	
					15	25		15	25		15	25	
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													
1.47	30	1.880	44	2.757	791	1.16	2.10	1193	1.55	2.79	2420	2.49	4.49
1.47	38	2.381	56	3.509	787	1.54	2.79	1188	2.05	3.70	2409	3.27	5.89
1.50	16	1.003	24	1.504	773	0.55	0.99	1167	0.73	1.32	2367	1.19	2.15
1.50	20	1.253	30	1.880	773	0.72	1.29	1167	0.95	1.72	2367	1.55	2.80
1.50	24	1.504	36	2.256	773	0.89	1.61	1167	1.19	2.14	2367	1.92	3.46
1.50	32	2.005	48	3.008	773	1.26	2.27	1167	1.67	3.01	2367	2.68	4.84
1.50	40	2.506	60	3.760	773	1.64	2.96	1167	2.18	3.93	2367	3.46	6.24
1.50	48	3.008	72	4.511	773	2.04	3.68	1167	2.70	4.88	2367	4.24	7.64
1.50	60	3.760	90	5.639	773	2.66	4.80	1167	3.52	6.34	2367	5.37	9.69
1.53	34	2.130	52	3.258	758	1.35	2.44	1144	1.80	3.24	2321	2.88	5.19
1.54	52	3.258	80	5.013	754	2.25	4.05	1138	2.97	5.36	2308	4.62	8.33
1.55	44	2.757	68	4.261	751	1.84	3.32	1132	2.44	4.40	2297	3.85	6.94
1.56	18	1.128	28	1.754	746	0.63	1.14	1125	0.84	1.52	2282	1.37	2.47
1.56	36	2.256	56	3.509	746	1.45	2.61	1125	1.92	3.47	2282	3.07	5.54
1.56	72	4.511	112	7.018	746	3.31	5.96	1125	4.35	7.84	2282	6.45	11.6
1.57	28	1.754	44	2.757	738	1.07	1.93	1114	1.43	2.57	2259	2.30	4.15
1.58	38	2.381	60	3.760	735	1.54	2.79	1108	2.05	3.70	2248	3.27	5.89
1.58	24	1.504	38	2.381	733	0.89	1.61	1105	1.19	2.14	2242	1.92	3.46
1.60	20	1.253	32	2.005	725	0.72	1.29	1094	0.95	1.72	2219	1.55	2.80
1.60	30	1.880	48	3.008	725	1.16	2.10	1094	1.55	2.79	2219	2.49	4.49
1.60	40	2.506	64	4.010	725	1.64	2.96	1094	2.18	3.93	2219	3.46	6.24
1.61	56	3.509	90	5.639	722	2.45	4.42	1089	3.24	5.85	2209	5.00	9.02
1.63	32	1.003	52	1.629	714	1.26	2.27	1077	1.67	3.01	2185	2.68	4.84
1.64	44	2.757	72	4.511	709	1.84	3.32	1069	2.44	4.40	2169	3.85	6.94
1.65	34	2.130	56	3.509	704	1.35	2.44	1063	1.80	3.24	2155	2.88	5.19
1.65	68	4.261	112	7.018	704	3.09	5.57	1063	4.07	7.33	2155	6.10	11.0
1.67	18	1.128	30	1.880	696	0.63	1.14	1050	0.84	1.52	2130	1.37	2.47
1.67	24	1.504	40	2.506	696	0.89	1.61	1050	1.19	2.14	2130	1.92	3.46
1.67	36	2.256	60	3.760	696	1.45	2.61	1050	1.92	3.47	2130	3.07	5.54
1.67	48	3.008	80	5.013	696	2.04	3.68	1050	2.70	4.88	2130	4.24	7.64
1.68	38	2.381	64	4.010	689	1.54	2.79	1039	2.05	3.70	2108	3.27	5.89
1.70	20	1.253	34	2.130	682	0.72	1.29	1029	0.95	1.72	2088	1.55	2.80
1.70	40	2.506	68	4.261	682	1.64	2.96	1029	2.18	3.93	2088	3.46	6.24
1.71	14	.877	24	1.504	677	0.47	...	1021	0.62	...	2071	1.02	...
1.71	28	1.754	48	3.008	677	1.07	1.93	1021	1.43	2.57	2071	2.30	4.15
1.73	52	3.258	90	5.639	670	2.25	4.05	1011	2.97	5.36	2051	4.62	8.33
1.73	30	1.880	52	3.258	669	1.16	2.10	1010	1.55	2.79	2048	2.49	4.49
1.75	16	1.003	28	1.754	663	0.55	0.99	1000	0.73	1.32	2029	1.19	2.15
1.75	32	2.005	56	3.509	663	1.26	2.27	1000	1.67	3.01	2029	2.68	4.84
1.75	64	4.010	112	7.018	663	2.88	5.18	1000	3.79	6.83	2029	5.74	10.4
1.76	34	2.130	60	3.760	657	1.35	2.44	992	1.80	3.24	2012	2.88	5.19
1.78	18	1.128	32	2.005	653	0.63	1.14	984	0.84	1.52	1997	1.37	2.47
1.78	36	2.256	64	4.010	653	1.45	2.61	984	1.92	3.47	1997	3.07	5.54
1.79	38	2.381	68	4.261	648	1.54	2.79	978	2.05	3.70	1984	3.27	5.89
1.80	20	1.253	36	2.256	644	0.72	1.29	972	0.95	1.72	1972	1.55	2.80
1.80	40	2.506	72	4.511	644	1.64	2.96	972	2.18	3.93	1972	3.46	6.24
1.82	44	2.757	80	5.013	638	1.84	3.32	963	2.44	4.40	1953	3.85	6.94
1.83	24	1.504	44	2.757	633	0.89	1.61	955	1.19	2.14	1936	1.92	3.46
1.86	28	1.754	52	3.258	625	1.07	1.93	942	1.43	2.57	1912	2.30	4.15
1.87	30	1.880	56	3.509	621	1.16	2.10	938	1.55	2.79	1902	2.49	4.49
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													

PULLEYS



HTS 5 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																					
BELT LENGTH CODE DESIGNATION																					
350	375	400	425	450	475	500	535	565	600	635	670	710	740	800	850	890	950	1000	1050	1125	1195
.8				.9				1.0						1.1					1.2		
3.2	3.7	4.2	4.7	5.2	5.7	6.2	6.9	7.5	8.2	8.8	9.5	10.3	10.9	12.1	13.1	13.9	15.1	16.0	17.0	18.5	19.9
...	...	...	3.7	4.2	4.7	5.2	5.9	6.5	7.2	7.9	8.5	9.3	9.9	11.1	12.1	12.9	14.1	15.0	16.0	17.5	18.9
4.9	5.4	5.9	6.4	6.9	7.4	7.9	8.6	9.2	9.8	10.5	11.2	12.0	12.6	13.8	14.8	15.5	16.7	17.7	18.7	20.2	21.6
4.4	4.9	5.4	5.9	6.4	6.9	7.4	8.1	8.7	9.3	10.0	10.7	11.5	12.1	13.3	14.3	15.1	16.2	17.2	18.2	19.7	21.1
3.9	4.4	4.9	5.4	5.9	6.4	6.9	7.6	8.2	8.9	9.5	10.2	11.0	11.6	12.8	13.8	14.6	15.7	16.7	17.7	19.2	20.6
2.9	3.4	3.9	4.4	4.9	5.4	5.9	6.6	7.2	7.9	8.5	9.2	10.0	10.6	11.8	12.8	13.6	14.8	15.7	16.7	18.2	19.6
...	...	...	...	3.9	4.4	4.9	5.6	6.2	6.9	7.6	8.2	9.0	9.6	10.8	11.8	12.6	13.8	14.8	15.7	17.2	18.6
...	...	...	...	...	...	...	4.6	5.2	5.9	6.6	7.2	8.0	8.6	9.8	10.8	11.6	12.8	13.8	14.7	16.2	17.6
...	...	...	...	...	...	...	...	...	...	...	5.7	6.5	7.1	8.3	9.3	10.1	11.3	12.3	13.3	14.7	16.1
...	3.1	3.6	4.1	4.6	5.1	5.6	6.3	6.9	7.6	8.2	8.9	9.7	10.3	11.5	12.5	13.3	14.5	15.4	16.4	17.9	19.3
...	...	...	...	...	...	...	...	4.5	5.2	5.9	6.6	7.4	8.0	9.2	10.2	11.0	12.2	13.2	14.1	15.6	17.0
...	...	...	...	...	...	4.3	5.0	5.6	6.3	6.9	7.6	8.4	9.0	10.2	11.2	12.0	13.2	14.2	15.1	16.6	18.0
4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.3	8.9	9.5	10.2	10.9	11.7	12.3	13.5	14.5	15.3	16.4	17.4	18.4	19.9	21.3
...	...	3.3	3.8	4.3	4.8	5.3	6.0	6.6	7.3	7.9	8.6	9.4	10.0	11.2	12.2	13.0	14.2	15.1	16.1	17.6	19.0
...	...	...	...	...	...	...	...	...	...	...	...	...	...	6.6	7.6	8.4	9.6	10.6	11.5	13.0	14.4
3.3	3.8	4.3	4.8	5.3	5.8	6.3	7.0	7.6	8.3	8.9	9.6	10.4	11.0	12.2	13.2	14.0	15.2	16.1	17.1	18.6	20.0
...	...	...	3.5	4.0	4.5	5.0	5.7	6.3	7.0	7.6	8.3	9.1	9.7	10.9	11.9	12.7	13.9	14.8	15.8	17.3	18.7
3.8	4.3	4.8	5.3	5.8	6.3	6.8	7.5	8.1	8.7	9.4	10.1	10.9	11.5	12.7	13.7	14.5	15.6	16.6	17.6	19.1	20.5
4.3	4.8	5.3	5.8	6.3	6.8	7.3	8.0	8.6	9.2	9.9	10.6	11.4	12.0	13.2	14.2	15.0	16.1	17.1	18.1	19.6	21.0
3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.7	7.3	8.0	8.6	9.3	10.1	10.7	11.9	12.9	13.7	14.9	15.8	16.8	18.3	19.7
...	...	...	...	3.7	4.2	4.7	5.4	6.0	6.6	7.3	8.0	8.8	9.4	10.6	11.6	12.4	13.6	14.5	15.5	17.0	18.4
...	...	...	...	...	...	...	...	...	...	5.2	5.9	6.7	7.3	8.5	9.5	10.3	11.5	12.5	13.4	14.9	16.3
...	3.2	3.7	4.2	4.7	5.2	5.7	6.4	7.0	7.7	8.3	9.0	9.8	10.4	11.6	12.6	13.4	14.6	15.5	16.5	18.0	19.4
...	...	...	...	...	...	4.0	4.7	5.3	6.0	6.7	7.4	8.2	8.8	10.0	11.0	11.8	13.0	13.9	14.9	16.4	17.8
...	...	3.4	3.9	4.4	4.9	5.4	6.1	6.7	7.3	8.0	8.7	9.5	10.1	11.3	12.3	13.1	14.3	15.2	16.2	17.7	19.1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	6.7	7.7	8.5	9.7	10.7	11.7	13.2	14.6
4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.2	8.8	9.4	10.1	10.8	11.6	12.2	13.4	14.4	15.2	16.3	17.3	18.3	19.8	21.2
3.7	4.2	4.7	5.2	5.7	6.2	6.7	7.4	8.0	8.6	9.3	10.0	10.8	11.4	12.6	13.6	14.4	15.5	16.5	17.5	19.0	20.4
...	...	...	3.6	4.1	4.6	5.1	5.8	6.4	7.0	7.7	8.4	9.2	9.8	11.0	12.0	12.8	14.0	14.9	15.9	17.4	18.8
...	...	...	...	...	...	...	...	4.7	5.4	6.1	6.8	7.6	8.2	9.4	10.4	11.2	12.4	13.3	14.3	15.8	17.2
...	...	...	...	3.7	4.2	4.8	5.4	6.0	6.7	7.4	8.1	8.9	9.5	10.7	11.7	12.5	13.7	14.6	15.6	17.1	18.5
4.2	4.7	5.2	5.7	6.2	6.7	7.2	7.9	8.5	9.1	9.8	10.5	11.3	11.9	13.1	14.1	14.9	16.0	17.0	18.0	19.5	20.9
...	...	...	...	...	3.9	4.4	5.1	5.7	6.4	7.1	7.8	8.6	9.2	10.4	11.4	12.2	13.4	14.3	15.3	16.8	18.2
5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.7	9.2	9.9	10.6	11.3	12.1	12.7	13.9	14.9	15.6	16.8	17.8	18.8	20.3	21.7
3.1	3.6	4.1	4.6	5.1	5.6	6.1	6.8	7.4	8.0	8.7	9.4	10.2	10.8	12.0	13.0	13.8	14.8	15.9	16.9	18.4	19.8
...	...	...	...	...	...	...	...	...	...	5.4	6.1	6.9	7.5	8.7	9.7	10.5	11.7	12.6	13.6	15.1	16.5
...	3.3	3.8	4.3	4.8	5.3	5.8	6.5	7.1	7.7	8.4	9.1	9.9	10.0	11.7	12.7	13.5	14.6	15.6	16.6	18.1	19.5
4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.4	8.9	9.6	10.3	11.0	11.8	5	13.6	14.6	15.4	16.5	17.5	18.5	20.0	21.4
...	...	3.5	4.0	4.5	5.0	5.5	6.2	6.7	7.4	8.1	8.8	9.6	12.4	11.4	12.4	13.2	14.4	15.3	16.3	17.8	19.2
...	...	...	...	...	...	...	...	...	...	...	...	...	10.2	6.9	7.9	8.7	9.9	10.9	11.9	13.4	14.8
...	...	...	3.6	4.1	4.7	5.1	5.8	6.4	7.1	7.8	8.5	9.3	...	11.1	12.1	12.9	14.1	15.0	16.0	17.5	18.9
4.4	4.9	5.4	5.9	6.4	6.9	7.4	8.1	8.7	9.3	10.0	10.7	11.5	9.9	13.3	14.3	15.1	16.2	17.2	18.2	19.7	21.1
...	...	...	...	3.8	4.3	4.8	5.5	6.1	6.8	7.5	8.2	9.0	12.1	10.8	11.8	12.6	13.8	14.7	15.7	17.2	18.6
...	...	...	...	...	4.0	4.5	5.2	5.8	6.5	7.2	7.9	8.7	9.6	10.5	11.5	12.3	13.5	14.4	15.4	16.9	18.3
4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.8	8.4	9.0	9.7	10.4	11.2	9.3	13.0	14.0	14.8	15.9	16.9	17.9	19.4	20.8
...	...	...	...	...	...	4.2	4.9	5.5	6.2	6.9	7.6	8.4	11.8	10.2	11.2	12.0	13.2	14.1	15.1	16.6	18.0
...	...	...	...	...	...	...	4.3	4.9	5.6	6.3	7.0	7.8	9.0	9.6	10.6	11.4	12.5	13.5	14.5	16.0	17.4
3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.2	7.7	8.4	9.1	9.8	10.6	8.4	12.4	13.4	14.2	15.3	16.3	17.3	18.8	20.2
...	3.4	3.9	4.4	4.9	5.4	5.9	6.5	7.1	7.8	8.5	9.2	10.0	11.2	11.8	12.8	13.6	14.7	15.7	16.7	18.2	19.6
...	...	3.5	4.0	4.5	5.0	5.5	6.2	6.8	7.5	8.2	8.9	9.7	10.6	11.5	12.5	13.3	14.4	15.4	16.4	17.9	19.3
.8				.9				1.0						1.1					1.2		

HTS 5 mm Drive Selection Tables



Drive Ratio	Sprocket Combination				Driven Speeds and Horsepower Ratings								
	Driver		Driven		1160 RPM Driver			1750 RPM Driver			3550 RPM Driver		
	No. Teeth	P.D.	No. Teeth	P.D.	Driven Speed	HP for Belt Widths		Driven Speed	HP for Belt Widths		Driven Speed	HP for Belt Widths	
					15	25		15	25		15	25	
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													
1.87	60	3.760	112	7.018	621	2.66	4.80	938	3.52	6.34	1902	5.37	9.69
1.88	16	1.003	30	1.880	619	0.55	0.99	933	0.73	1.32	1893	1.19	2.15
1.88	32	2.005	60	3.760	619	1.26	2.27	933	1.67	3.01	1893	2.68	4.84
1.88	48	3.008	90	5.639	619	2.04	3.68	933	2.70	4.88	1893	4.24	7.64
1.88	34	2.130	64	4.010	616	1.35	2.44	930	1.80	3.24	1886	2.88	5.19
1.89	18	1.128	34	2.130	614	0.63	1.14	926	0.84	1.52	1879	1.37	2.47
1.89	36	2.256	68	4.261	614	1.45	2.61	926	1.92	3.47	1879	3.07	5.54
1.89	38	2.381	72	4.511	612	1.54	2.79	924	2.05	3.70	1874	3.27	5.89
1.90	20	1.253	38	2.381	611	0.72	1.29	921	0.95	1.72	1868	1.55	2.80
2.00	14	0.877	28	1.754	580	0.47	...	875	0.62	...	1775	1.02	...
2.00	16	1.003	32	2.005	580	0.55	0.99	875	0.73	1.32	1775	1.19	2.15
2.00	18	1.128	36	2.256	580	0.63	1.14	875	0.84	1.52	1775	1.37	2.47
2.00	20	1.253	40	2.506	580	0.72	1.29	875	0.95	1.72	1775	1.55	2.80
2.00	24	1.504	48	3.008	580	0.89	1.61	875	1.19	2.14	1775	1.92	3.46
2.00	28	1.754	56	3.509	580	1.07	1.93	875	1.43	2.57	1775	2.30	4.15
2.00	30	1.880	60	3.760	580	1.16	2.10	875	1.55	2.79	1775	2.49	4.49
2.00	32	2.005	64	4.010	580	1.26	2.27	875	1.67	3.01	1775	2.68	4.84
2.00	34	2.130	68	4.261	580	1.35	2.44	875	1.80	3.24	1775	2.88	5.19
2.00	36	2.256	72	4.511	580	1.45	2.61	875	1.92	3.47	1775	3.07	5.54
2.00	40	2.506	80	5.013	580	1.64	2.96	875	2.18	3.93	1775	3.46	6.24
2.00	56	3.509	112	7.018	580	2.45	4.42	875	3.24	5.85	1775	5.00	9.02
2.05	44	2.757	90	5.639	567	1.84	3.32	856	2.44	4.40	1736	3.85	6.94
2.11	38	2.381	80	5.013	551	1.54	2.79	831	2.05	3.70	1686	3.27	5.89
2.11	18	1.128	38	2.381	549	0.63	1.14	829	0.84	1.52	1682	1.37	2.47
2.12	34	2.130	72	4.511	548	1.35	2.44	826	1.80	3.24	1676	2.88	5.19
2.13	16	1.003	34	2.130	546	0.55	0.99	824	0.73	1.32	1671	1.19	2.15
2.13	32	2.005	68	4.261	546	1.26	2.27	824	1.67	3.01	1671	2.68	4.84
2.13	30	1.880	64	4.010	544	1.16	2.10	820	1.55	2.79	1664	2.49	4.49
2.14	14	0.877	30	1.880	541	0.47	...	817	0.62	...	1657	1.02	...
2.14	28	1.754	60	3.760	541	1.07	1.93	817	1.43	2.57	1657	2.30	4.15
2.15	52	3.258	112	7.018	539	2.25	4.05	813	2.97	5.36	1648	4.62	8.33
2.17	24	1.504	52	3.258	535	0.89	1.61	808	1.19	2.14	1638	1.92	3.46
2.20	20	1.253	44	2.757	527	0.72	1.29	795	0.95	1.72	1614	1.55	2.80
2.22	18	1.258	40	2.506	522	0.63	1.14	788	0.84	1.52	1598	1.37	2.47
2.22	36	2.256	80	5.013	522	1.45	2.61	788	1.92	3.47	1598	3.07	5.54
2.25	16	1.003	36	2.256	516	0.55	0.99	778	0.73	1.32	1578	1.19	2.15
2.25	32	2.005	72	4.511	516	1.26	2.27	778	1.67	3.01	1578	2.68	4.84
2.25	40	2.506	90	5.639	516	1.64	2.96	778	2.18	3.93	1578	3.46	6.24
2.27	30	1.880	68	4.261	512	1.16	2.10	772	1.55	2.79	1566	2.49	4.49
2.29	14	0.877	32	2.005	508	0.47	...	766	0.62	...	1553	1.02	...
2.29	28	1.754	64	4.010	508	1.07	1.93	766	1.43	2.57	1553	2.30	4.15
2.33	24	1.504	56	3.509	497	0.89	1.61	750	1.19	2.14	1521	1.92	3.46
2.33	48	3.008	112	7.018	497	2.04	3.68	750	2.70	4.88	1521	4.24	7.64
2.35	34	2.130	80	5.013	493	1.35	2.44	744	1.80	3.24	1509	2.88	5.19
2.37	38	2.381	90	5.639	490	1.54	2.79	739	2.05	3.70	1499	3.27	5.89
2.38	16	1.003	38	2.381	488	0.55	0.99	737	0.73	1.32	1495	1.19	2.15
2.40	20	1.253	48	3.008	483	0.72	1.29	729	0.95	1.72	1479	1.55	2.80
2.40	30	1.880	72	4.511	483	1.16	2.10	729	1.55	2.79	1479	2.49	4.49
2.43	14	0.877	34	2.130	478	0.47	...	721	0.62	...	1462	1.02	...
2.43	28	1.754	68	4.261	478	1.07	1.93	721	1.43	2.57	1462	2.30	4.15
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													

PULLEYS



HTS 5 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																					
BELT LENGTH CODE DESIGNATION																					
350	375	400	425	450	475	500	535	565	600	635	670	710	740	800	850	890	950	1000	1050	1125	1195
.8			.9				1.0							1.1					1.2		
...	...	...	...	...	...	...	...	...	...	...	...	5.9	7.1	8.1	8.9	10.1	11.1	12.1	13.6	15.0	16.5
5.1	5.6	6.1	6.6	7.1	7.6	8.3	8.8	9.5	10.2	10.9	11.7	12.3	13.5	14.5	15.3	16.4	17.4	18.4	19.9	21.3	22.7
...	...	3.7	4.2	4.7	5.2	5.9	6.5	7.2	7.9	8.6	9.4	10.0	11.2	12.2	13.0	14.1	15.1	16.1	17.6	19.0	20.5
...	...	...	...	...	...	...	...	4.8	5.5	6.3	7.1	7.7	8.9	9.8	10.6	11.8	12.8	13.8	15.3	16.7	18.2
...	...	...	3.9	4.4	4.9	5.6	6.2	6.9	7.6	8.3	9.1	9.7	10.9	11.9	12.7	13.8	14.8	15.8	17.3	18.7	20.2
4.8	5.3	5.8	6.3	6.8	7.3	8.0	8.5	9.2	9.9	10.6	11.4	12.0	13.2	14.2	15.0	16.1	17.1	18.1	19.6	21.0	22.4
...	...	...	...	4.1	4.6	5.3	5.9	6.6	7.3	8.0	8.8	9.4	10.6	11.6	12.4	13.5	14.5	15.5	17.0	18.4	19.9
...	...	...	...	...	4.3	5.0	5.6	6.3	7.0	7.7	8.5	9.1	10.3	11.3	12.1	13.2	14.2	15.2	16.7	18.1	19.6
4.5	5.0	5.5	6.0	6.5	7.0	7.7	8.2	8.9	9.6	10.3	11.1	11.7	12.9	13.9	14.7	15.8	16.8	17.8	19.3	20.7	22.1
5.3	5.8	6.3	6.8	7.3	7.8	8.5	9.0	9.7	10.4	11.1	11.9	12.5	13.7	14.7	15.4	16.6	17.6	18.6	20.1	21.5	22.9
5.0	5.5	6.0	6.5	7.0	7.5	8.2	8.7	9.4	10.1	10.8	11.6	12.2	13.4	14.4	15.1	16.3	17.3	18.3	19.8	21.2	22.6
4.7	5.2	5.7	6.2	6.7	7.2	7.9	8.4	9.1	9.8	10.5	11.3	11.9	13.1	14.1	14.9	16.0	17.0	18.0	19.5	20.9	22.3
4.4	4.9	5.4	5.9	6.4	6.9	7.6	8.1	8.8	9.5	10.2	11.0	11.6	12.8	13.8	14.6	15.7	16.7	17.7	19.2	20.6	22.0
3.8	4.3	4.8	5.3	5.8	6.3	6.9	7.5	8.2	8.9	9.6	10.4	11.0	12.2	13.2	14.0	15.1	16.1	17.1	18.6	20.0	21.4
3.1	3.6	4.1	4.6	5.1	5.6	6.3	6.9	7.6	8.3	9.0	9.8	10.4	11.6	12.6	13.4	14.5	15.5	16.5	18.0	19.4	20.8
...	3.3	3.8	4.3	4.8	5.3	6.0	6.6	7.3	8.0	8.7	9.5	10.1	11.3	12.3	13.1	14.2	15.2	16.2	17.7	19.1	20.5
...	...	3.5	4.0	4.5	5.0	5.7	6.3	7.0	7.7	8.4	9.2	9.8	11.0	12.0	12.8	13.9	14.9	15.9	17.4	18.8	20.3
...	...	...	3.7	4.2	4.7	5.4	6.0	6.7	7.4	8.1	8.9	9.5	10.7	11.7	12.5	13.6	14.6	15.6	17.1	18.5	20.0
...	...	...	...	3.9	4.4	5.1	5.7	6.4	7.1	7.8	8.6	9.2	10.4	11.4	12.2	13.3	14.3	15.3	16.8	18.2	19.7
...	...	...	...	...	...	4.4	5.1	5.8	6.5	7.2	8.0	8.6	9.8	10.8	11.5	12.7	13.7	14.7	16.2	17.6	19.1
...	...	...	...	...	...	...	...	...	...	...	...	6.0	7.3	8.3	9.1	10.3	11.3	12.3	13.8	15.2	16.6
...	...	...	...	...	...	...	...	5.0	5.7	6.4	7.2	7.8	9.0	10.0	10.8	12.0	13.0	14.0	15.5	16.9	18.3
...	...	...	...	...	...	4.5	5.1	5.8	6.6	7.3	8.1	8.7	9.8	10.8	11.6	12.8	13.8	14.8	16.3	17.7	19.1
4.6	5.1	5.6	6.1	6.6	7.1	7.7	8.3	9.0	9.7	10.4	11.2	11.8	13.0	14.0	14.8	15.9	16.9	17.9	19.4	20.8	22.2
...	...	...	...	3.9	4.5	5.2	5.8	6.5	7.2	7.9	8.7	9.3	10.5	11.5	12.2	13.4	14.4	15.4	16.9	18.3	19.7
4.9	5.4	5.9	6.4	6.9	7.4	8.1	8.6	9.3	10.0	10.7	11.5	12.1	13.3	14.3	15.0	16.2	17.2	18.2	19.7	21.1	22.5
...	...	...	3.8	4.3	4.8	5.5	6.1	6.8	7.5	8.2	9.0	9.6	10.8	11.8	12.5	13.7	14.7	15.7	17.2	18.6	20.0
...	...	3.6	4.1	4.6	5.1	5.8	6.4	7.1	7.8	8.5	9.3	9.9	11.1	12.1	12.8	14.0	15.0	16.0	17.5	18.9	20.3
5.2	5.7	6.2	6.7	7.2	7.7	8.4	8.9	9.6	10.3	11.0	11.8	12.4	13.6	14.6	15.3	16.5	17.5	18.5	20.0	21.4	22.8
...	3.4	3.9	4.4	4.9	5.4	6.1	6.7	7.4	8.1	8.8	9.6	10.2	11.4	12.4	13.1	14.3	15.3	16.3	17.8	19.2	20.6
...	...	...	...	...	...	...	...	...	...	...	5.6	6.2	7.4	8.4	9.2	10.5	11.5	12.4	13.9	15.3	16.8
3.5	4.0	4.5	5.0	5.5	6.0	6.7	7.3	8.0	8.7	9.4	10.2	10.8	12.0	13.0	13.8	14.9	15.9	16.9	18.4	19.8	21.2
4.2	4.7	5.2	5.7	6.2	6.6	7.3	7.9	8.6	9.3	10.0	10.8	11.4	12.6	13.6	14.4	15.5	16.5	17.5	19.0	20.4	21.8
4.5	5.0	5.5	6.0	6.5	7.0	7.6	8.2	8.9	9.6	10.3	11.1	11.7	12.9	13.9	14.6	15.8	16.8	17.8	19.3	20.7	22.1
...	...	...	...	...	...	4.6	5.2	5.9	6.6	7.3	8.1	8.7	9.9	10.9	11.7	12.9	13.9	14.9	16.4	17.8	19.2
4.8	5.3	5.8	6.3	6.8	7.3	7.9	8.5	9.2	9.9	10.6	11.4	12.0	13.2	14.2	14.9	16.1	17.1	18.1	19.6	21.0	22.4
...	...	...	...	4.0	4.5	5.3	5.9	6.6	7.3	8.0	8.8	9.4	10.6	11.5	12.3	13.5	14.5	15.5	17.0	18.4	19.8
...	...	...	...	...	...	...	...	5.2	5.9	6.6	7.4	8.0	9.2	10.2	11.0	12.2	13.2	14.2	15.7	17.1	18.5
...	...	...	3.8	4.4	4.9	5.6	6.2	6.9	7.6	8.3	9.1	9.7	10.9	11.8	12.6	13.8	14.8	15.8	17.3	18.7	20.1
5.1	5.6	6.1	6.6	7.1	7.6	8.2	8.8	9.5	10.2	10.9	11.7	12.3	13.5	14.5	15.2	16.4	17.4	18.4	19.9	21.3	22.7
...	...	3.7	4.2	4.7	5.2	5.9	6.5	7.2	7.9	8.6	9.4	10.0	11.2	12.2	12.9	14.1	15.1	16.1	17.6	19.0	20.4
3.3	3.8	4.3	4.8	5.3	5.8	6.5	7.1	7.8	8.5	9.2	10.0	10.6	11.8	12.8	13.5	14.7	15.7	16.7	18.2	19.6	21.0
...	...	...	...	...	...	...	...	...	...	...	5.7	6.4	7.6	8.6	9.4	10.6	11.6	12.6	14.1	15.5	17.0
...	...	...	...	...	4.0	4.7	5.3	6.0	6.7	7.4	8.2	8.8	10.0	11.0	11.8	13.0	14.0	15.0	16.5	17.9	19.3
...	...	...	...	...	...	...	4.5	5.3	6.0	6.7	7.5	8.1	9.3	10.3	11.1	12.3	13.3	14.3	15.8	17.1	18.6
4.7	5.2	5.7	6.2	6.7	7.2	7.8	8.4	9.1	9.8	10.5	11.3	11.9	13.1	14.1	14.8	16.0	17.0	18.0	19.5	20.9	22.3
3.9	4.4	4.9	5.4	5.9	6.4	7.1	7.7	8.4	9.1	9.8	10.6	11.2	12.4	13.4	14.1	15.3	16.3	17.3	18.8	20.2	21.6
...	...	...	3.6	4.1	4.6	5.3	6.0	6.7	7.4	8.1	8.9	9.5	10.6	11.6	12.4	13.6	14.6	15.6	17.1	18.5	19.9
5.0	5.5	6.0	6.5	7.0	7.5	8.1	8.7	9.4	10.1	10.8	11.6	12.2	13.4	14.4	15.1	16.3	17.3	18.3	19.8	21.2	22.6
...	...	3.4	3.9	4.4	5.0	5.7	6.3	7.0	7.7	8.4	9.2	9.8	10.9	11.9	12.7	13.9	14.9	15.9	17.4	18.8	20.2
.8			.9								1.0								1.1		1.2

HTS 5 mm Drive Selection Tables



Drive Ratio	Sprocket Combination				Driven Speeds and Horsepower Ratings								
	Driver		Driven		1160 RPM Driver			1750 RPM Driver			3550 RPM Driver		
	No. Teeth	P.D.	No. Teeth	P.D.	Driven Speed	HP for Belt Widths		Driven Speed	HP for Belt Widths		Driven Speed	HP for Belt Widths	
						15	25		15	25		15	25
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													
2.44	18	1.128	44	2.757	475	0.63	1.14	716	0.84	1.52	1452	1.37	2.47
2.50	16	1.065	40	2.506	464	0.55	0.99	700	0.73	1.32	1420	1.19	2.15
2.50	24	1.504	60	3.760	464	0.89	1.61	700	1.19	2.14	1420	1.92	3.46
2.50	32	2.005	80	5.013	464	1.26	2.27	700	1.67	3.01	1420	2.68	4.84
2.50	36	2.256	90	5.639	464	1.45	2.61	700	1.92	3.47	1420	3.07	5.54
2.55	44	2.757	112	7.018	456	1.84	3.32	688	2.44	4.40	1395	3.85	6.94
2.57	14	.877	36	2.256	451	0.47	...	681	0.62	...	1381	1.02	...
2.57	28	1.754	72	4.511	451	1.07	1.93	681	1.43	2.57	1381	2.30	4.15
2.60	20	1.253	52	3.258	446	0.72	1.29	673	0.95	1.75	1365	1.55	2.80
2.65	34	2.130	90	5.639	438	1.35	2.44	661	1.80	3.24	1341	2.88	5.19
2.67	18	1.128	48	3.008	435	0.63	1.14	656	0.84	1.52	1331	1.37	2.47
2.67	24	1.504	64	4.010	435	0.89	1.61	656	1.19	2.14	1331	1.92	3.46
2.67	30	1.880	80	5.013	435	1.16	2.10	656	1.55	2.79	1331	2.49	4.49
2.71	14	.877	38	2.381	427	0.47	...	645	0.62	...	1308	1.02	...
2.75	16	1.003	44	2.757	422	0.55	0.99	636	0.73	1.32	1291	1.19	2.15
2.80	20	1.253	56	3.509	414	0.72	1.29	625	0.95	1.72	1268	1.55	2.80
2.80	40	2.506	112	7.018	414	1.64	2.96	625	2.18	3.93	1268	3.46	6.24
2.81	32	2.005	90	5.639	412	1.26	2.27	622	1.67	3.01	1262	2.68	4.84
2.83	24	1.504	68	4.261	409	0.89	1.61	618	1.19	2.14	1253	1.92	3.46
2.86	14	.877	40	2.506	406	0.47	...	613	0.62	...	1243	1.02	...
2.86	28	1.754	80	5.013	406	1.07	1.93	613	1.43	2.57	1243	2.30	4.15
2.89	18	1.128	52	3.258	402	0.63	1.14	606	0.84	1.52	1229	1.37	2.47
2.95	38	2.381	112	7.018	394	1.54	2.79	594	2.05	3.70	1204	3.27	5.89
3.00	16	1.003	48	3.008	387	0.55	0.99	583	0.73	1.32	1183	1.19	2.15
3.00	20	1.253	60	3.760	387	0.72	1.29	583	0.95	1.72	1183	1.55	2.80
3.00	24	1.504	72	4.511	387	0.89	1.61	583	1.19	2.14	1183	1.92	3.46
3.00	30	1.880	90	5.639	387	1.16	2.10	583	1.55	2.79	1183	2.49	4.49
3.11	18	1.128	56	3.509	373	0.63	1.14	563	0.84	1.52	1141	1.37	2.47
3.11	36	2.256	112	7.018	373	1.45	2.61	563	1.92	3.47	1141	3.07	5.54
3.14	14	.877	44	2.757	369	0.47	...	557	0.62	...	1130	1.02	...
3.20	20	1.253	64	4.010	363	0.72	1.29	547	0.95	1.72	1109	1.55	2.80
3.21	28	1.754	90	5.639	361	1.07	1.93	544	1.43	2.57	1104	2.30	4.15
3.25	16	1.003	52	3.258	357	0.55	0.99	538	0.73	1.32	1092	1.19	2.15
3.29	34	2.130	112	7.018	352	1.35	2.44	531	1.80	3.24	1078	2.88	5.19
3.33	18	1.128	60	3.760	348	0.63	1.14	525	0.84	1.52	1065	1.37	2.47
3.33	24	1.504	80	5.013	348	0.89	1.61	525	1.19	2.14	1065	1.92	3.46
3.40	20	1.253	68	4.261	341	0.72	1.29	515	0.95	1.72	1044	1.55	2.80
6.43	14	.877	48	3.008	338	0.47	...	510	0.62	...	1035	1.02	...
3.50	16	1.003	56	3.509	331	0.55	0.99	500	0.73	1.32	1014	1.19	2.15
3.50	32	2.005	112	7.018	331	1.26	2.27	500	1.67	3.01	1014	2.68	4.84
3.56	18	1.128	64	4.010	326	0.63	1.14	492	0.84	1.52	998	1.37	2.47
3.60	20	1.253	72	4.511	322	0.72	1.29	486	0.95	1.72	986	1.55	2.80
3.71	14	.877	52	3.258	312	0.47	...	471	0.62	...	956	1.02	...
3.73	30	1.880	112	7.018	311	1.16	2.10	469	1.55	2.79	951	2.49	4.49
3.75	16	1.003	60	3.760	309	0.55	0.99	467	0.73	1.32	947	1.19	2.15
3.75	24	1.504	90	5.639	309	0.89	1.61	467	1.19	2.14	947	1.92	3.46
3.78	18	1.128	68	4.261	307	0.63	1.14	463	0.84	1.52	940	1.37	2.47
4.00	14	.877	56	3.509	290	0.47	...	438	0.62	...	888	1.02	...
4.00	16	1.003	64	4.010	290	0.55	0.99	438	0.73	1.32	888	1.19	2.15
4.00	18	1.128	72	4.511	290	0.63	1.14	438	0.84	1.52	888	1.37	2.47
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													



HTS 5 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																					
BELT LENGTH CODE DESIGNATION																					
350	375	400	425	450	475	500	535	565	600	635	670	710	740	800	850	890	950	1000	1050	1125	1195
.8				.9				1.0						1.1				1.2			
3.7	4.2	4.7	5.2	5.7	6.2	6.7	7.4	8.0	8.7	9.4	10.1	10.9	11.5	12.7	13.7	14.4	15.6	16.6	17.6	19.1	20.5
4.1	4.6	5.1	5.6	3.1	6.5	7.0	7.7	8.3	9.0	9.7	10.4	11.2	11.8	13.0	14.0	14.7	15.9	16.9	17.9	19.4	20.8
...	3.0	3.6	4.1	4.6	5.1	5.6	6.3	6.9	7.6	8.3	9.0	9.8	10.4	11.6	12.5	13.3	14.5	15.5	16.5	18.0	19.4
...	...	...	...	...	...	4.0	4.8	5.4	6.1	6.8	7.5	8.3	8.9	10.1	11.1	11.9	13.1	14.1	15.1	16.6	17.9
...	...	...	...	...	...	...	...	4.6	5.3	6.1	6.8	7.6	8.2	9.4	10.4	11.2	12.4	13.4	14.4	15.9	17.2
...	...	...	...	...	...	...	...	...	...	...	...	5.9	6.5	7.8	8.8	9.6	10.8	11.8	12.8	14.3	15.7
4.4	4.9	5.4	5.9	6.4	6.9	7.3	8.0	8.6	9.3	10.0	10.7	11.5	12.1	13.3	14.3	15.0	16.2	17.2	18.2	19.7	21.1
...	...	...	...	3.7	4.2	4.7	5.4	6.0	6.7	7.4	8.1	8.9	9.5	10.7	11.7	12.5	13.7	14.7	15.7	17.2	18.5
3.2	3.7	4.2	4.7	5.2	5.7	6.2	6.9	7.5	8.2	8.9	9.6	10.4	11.0	12.2	13.1	13.9	15.1	16.1	17.1	18.6	20.0
...	...	...	...	...	...	...	...	4.7	5.4	6.1	6.9	7.7	8.3	9.5	10.5	11.3	12.5	13.5	14.5	15.9	17.3
3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.2	7.8	8.5	9.2	9.9	10.7	11.3	12.5	13.5	14.2	15.4	16.4	17.4	18.9	20.3
...	...	3.3	3.8	4.3	4.9	5.4	6.1	6.7	7.4	8.1	8.8	9.6	10.2	11.3	12.3	13.1	14.3	15.3	16.3	17.8	19.2
...	...	...	...	...	...	4.1	4.9	5.5	6.2	6.9	7.6	8.4	9.0	10.2	11.2	12.0	13.2	14.2	15.2	16.7	18.0
4.3	4.8	5.3	5.8	6.3	6.7	7.2	7.9	8.5	9.2	9.9	10.6	11.4	12.0	13.2	14.2	14.9	16.1	17.1	18.1	19.6	21.0
3.8	4.3	4.8	5.3	5.8	6.3	6.8	7.5	8.1	8.8	9.5	10.2	11.0	11.6	12.8	13.8	14.5	15.7	16.7	17.7	19.2	20.6
2.9	3.5	4.0	4.5	5.0	5.5	6.0	6.7	7.3	8.0	8.7	9.4	10.2	10.8	12.0	12.9	13.7	14.9	15.9	16.9	18.4	19.8
...	...	...	...	...	...	...	...	...	...	...	5.2	6.1	6.7	7.9	9.0	9.8	11.0	12.0	13.0	14.5	15.9
...	...	...	...	...	...	...	...	4.8	5.5	6.2	6.9	7.7	8.4	9.6	10.6	11.4	12.6	13.6	14.5	16.0	17.4
...	...	...	3.6	4.1	4.6	5.1	5.8	6.4	7.1	7.8	8.5	9.3	9.9	11.1	12.1	12.9	14.1	15.1	16.1	17.6	18.9
4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.8	8.4	9.1	9.8	10.5	11.3	11.9	13.1	14.1	14.8	16.0	17.0	18.0	19.5	20.9
...	...	...	...	...	...	4.2	4.9	5.6	6.3	7.0	7.7	8.5	9.1	10.3	11.3	12.1	13.3	14.3	15.3	16.7	18.1
3.3	3.8	4.3	4.8	5.3	5.8	6.3	7.0	7.6	8.3	9.0	9.7	10.5	11.1	12.3	13.2	14.0	15.2	16.2	17.2	18.7	20.0
...	...	...	...	...	...	...	...	...	...	...	5.3	6.2	6.8	8.0	9.0	9.9	11.1	12.1	13.1	14.6	16.0
3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.3	7.9	8.6	9.3	10.0	10.8	11.4	12.6	13.5	14.3	15.5	16.5	17.5	19.0	20.3
...	3.2	3.7	4.2	4.7	5.3	5.8	6.5	7.1	7.8	8.5	9.2	10.0	10.6	11.7	12.7	13.5	14.7	15.7	16.7	18.2	19.5
...	...	...	...	3.8	4.4	4.9	5.6	6.2	6.9	7.6	8.3	9.1	9.7	10.9	11.9	12.7	13.9	14.9	15.9	17.4	18.7
...	...	...	...	...	...	...	4.2	4.9	5.6	6.3	7.0	7.8	8.4	9.6	10.7	11.5	12.6	13.6	14.6	16.1	17.5
3.0	3.5	4.1	4.6	5.1	5.6	6.1	6.8	7.4	8.1	8.8	9.5	10.3	10.9	12.0	13.0	13.8	15.0	16.0	17.0	18.5	19.8
...	...	...	...	...	...	...	...	...	...	...	5.4	6.2	6.9	8.1	9.1	9.9	11.2	12.2	13.2	14.7	16.1
3.9	4.4	4.9	5.4	5.9	6.4	6.9	7.6	8.2	8.9	9.6	10.3	11.1	11.7	12.9	13.8	14.6	15.8	16.8	17.8	19.3	20.6
...	...	3.5	4.0	4.5	5.0	5.5	6.2	6.8	7.5	8.2	8.9	9.7	10.3	11.5	12.5	13.3	14.5	15.5	16.5	18.0	19.3
...	...	...	...	...	...	...	4.3	4.9	5.7	6.4	7.1	7.9	8.5	9.7	10.7	11.5	12.7	13.7	14.7	16.2	17.6
3.3	3.9	4.4	4.9	5.4	5.9	6.4	7.1	7.7	8.4	9.1	9.8	10.6	11.2	12.3	13.3	14.1	15.3	16.3	17.3	18.8	20.1
...	...	...	...	...	...	...	...	...	...	...	5.5	6.3	6.9	8.2	9.2	10.0	11.2	12.2	13.2	14.7	16.1
...	3.3	3.8	4.3	4.8	5.3	5.8	6.6	7.2	7.9	8.6	9.3	10.0	10.6	11.8	12.8	13.6	14.8	15.8	16.8	18.3	19.6
...	...	...	...	...	3.8	4.4	5.1	5.7	6.4	7.2	7.9	8.7	9.3	10.5	11.5	12.3	13.5	14.5	15.4	16.9	18.3
...	...	3.2	3.7	4.3	4.8	5.3	6.0	6.6	7.3	8.0	8.7	9.5	10.1	11.3	12.3	13.1	14.3	15.3	16.3	17.7	19.1
3.7	4.2	4.7	5.2	5.7	6.2	6.7	7.4	8.0	8.7	9.4	10.1	10.9	11.5	12.6	13.6	14.4	15.6	16.6	17.6	19.1	20.4
3.1	3.6	4.1	4.6	5.2	5.7	6.2	6.9	7.5	8.2	8.9	9.6	10.4	10.9	12.1	13.1	13.9	15.1	16.1	17.1	18.6	19.9
...	...	...	...	...	...	...	...	...	...	...	5.5	6.4	7.0	8.3	9.3	10.1	11.3	12.3	13.3	14.8	16.2
...	3.0	3.5	4.1	4.6	5.1	5.6	6.3	6.9	7.6	8.3	9.0	9.8	10.4	11.6	12.6	13.4	14.6	15.6	16.6	18.0	19.4
...	...	...	3.5	4.0	4.5	5.0	5.8	6.4	7.1	7.8	8.5	9.3	9.9	11.1	12.1	12.9	14.1	15.1	16.1	17.5	18.9
3.4	3.9	4.5	5.0	5.5	6.0	6.5	7.2	7.8	8.5	9.2	9.9	10.7	11.3	12.4	13.4	14.2	15.4	16.4	17.4	18.9	20.2
...	...	...	...	...	...	...	...	...	...	4.9	5.6	6.5	7.1	8.4	9.4	10.2	11.4	12.4	13.4	14.9	16.3
2.8	3.4	3.9	4.4	4.9	5.4	5.9	6.6	7.2	7.9	8.6	9.3	10.1	10.7	11.9	12.9	13.7	14.9	15.9	16.9	18.4	19.7
...	...	...	...	...	...	...	4.5	5.1	5.8	6.6	7.3	8.1	8.7	9.9	10.9	11.7	12.9	13.9	14.9	16.4	17.8
...	...	3.3	3.8	4.3	4.9	5.4	6.1	6.7	7.4	8.1	8.8	9.6	10.2	11.4	12.4	13.2	14.4	15.4	16.4	17.8	19.2
3.2	3.7	4.2	4.7	5.2	5.7	6.3	7.0	7.6	8.3	9.0	9.6	10.4	11.0	12.2	13.2	14.0	15.2	16.2	17.2	18.7	20.0
...	3.1	3.6	4.2	4.7	5.2	5.7	6.4	7.0	7.7	8.4	9.1	9.9	10.5	11.7	12.7	13.5	14.7	15.7	16.7	18.1	19.5
...	...	...	3.5	4.1	4.6	5.1	5.8	6.5	7.2	7.9	8.6	9.4	10.0	11.2	12.2	13.0	14.2	15.2	16.1	17.6	19.0
.8				.9				1.0						1.1				1.2			

PULLEYS

HTS 5 mm Drive Selection Tables



Drive Ratio	Sprocket Combination				Driven Speeds and Horsepower Ratings								
	Driver		Driven		1160 RPM Driver			1750 RPM Driver			3550 RPM Driver		
	No. Teeth	P.D.	No. Teeth	P.D.	Driven Speed	HP for Belt Widths		Driven Speed	HP for Belt Widths		Driven Speed	HP for Belt Widths	
						15	25		15	25		15	25
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													
4.00	20	1.253	80	5.013	290	0.72	1.29	438	0.95	1.72	888	1.55	2.80
4.00	28	1.754	112	7.018	290	1.07	1.93	438	1.43	2.57	888	2.30	4.15
4.25	16	1.003	68	4.261	273	0.55	0.99	412	0.73	1.32	835	1.19	2.15
4.29	14	.877	60	3.760	271	0.47	...	408	0.62	...	828	1.02	...
4.44	18	1.128	80	5.013	261	0.63	1.14	394	0.84	1.52	799	1.37	2.47
4.50	16	1.003	72	4.511	258	0.55	0.99	389	0.73	1.32	789	1.19	2.15
4.50	20	1.253	90	5.639	258	0.72	1.29	389	0.95	1.72	789	1.55	2.80
4.57	14	.877	64	4.010	254	0.47	...	383	0.62	...	777	1.02	...
4.67	24	1.504	112	7.018	249	0.89	1.61	375	1.19	2.14	761	1.92	3.46
4.86	14	.877	68	4.261	239	0.47	...	360	0.62	...	731	1.02	...
5.00	16	1.003	80	5.013	232	0.55	0.99	350	0.73	1.32	710	1.19	2.15
5.00	18	1.128	90	5.639	232	0.63	1.14	350	0.84	1.52	710	1.37	2.47
5.14	14	.877	72	4.511	226	0.47	...	340	0.62	...	690	1.02	...
5.60	20	1.253	112	7.018	207	0.72	1.29	313	0.95	1.72	634	1.55	2.80
5.63	16	1.003	90	5.639	206	0.55	0.99	311	0.73	1.32	631	1.19	2.15
5.71	14	.877	80	5.013	203	0.47	...	306	0.62	...	621	1.02	...
6.22	18	1.128	112	7.018	186	0.63	1.14	281	0.84	1.52	571	1.37	2.47
6.43	14	.877	90	5.639	180	0.47	...	272	0.62	...	552	1.02	...
7.00	16	1.003	112	7.018	166	0.55	0.99	250	0.73	1.32	507	1.19	2.15
8.00	14	.877	112	7.018	145	0.47	...	219	0.62	...	444	1.02	...
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													



HTS 5 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																						
BELT LENGTH CODE DESIGNATION																						
400	425	450	475	500	535	565	600	635	670	710	740	800	850	890	950	1000	1050	1125	1195	1270	1420	
.8		.9				1.0						1.1					1.2					
...	...	...	4.0	4.5	5.3	5.9	6.6	7.3	8.0	8.8	9.4	10.7	11.7	12.4	13.6	14.6	15.6	17.1	18.5	20.0	23.0
...	...	...	...	...	...	...	...	4.9	5.7	6.6	7.2	8.4	9.5	10.3	11.5	12.5	13.5	15.0	16.4	17.9	20.9
3.4	3.9	4.4	4.9	5.5	6.2	6.8	7.5	8.2	8.9	9.7	10.3	11.5	12.5	13.3	14.5	15.5	16.5	17.9	19.3	20.8	23.8	
4.0	4.5	5.0	5.5	6.0	6.7	7.3	8.0	8.7	9.4	10.2	10.8	12.0	13.0	13.8	15.0	16.0	17.0	18.4	19.8	21.3	24.3	
...	...	3.5	4.1	4.6	5.4	6.0	6.7	7.4	8.1	8.9	9.5	10.7	11.7	12.5	13.7	14.7	15.7	17.2	18.6	20.1	23.0	
...	3.6	4.2	4.7	5.2	5.9	6.5	7.3	8.0	8.7	9.5	10.1	11.3	12.3	13.1	14.3	15.2	16.2	17.7	19.1	20.6	23.6	
...	...	...	...	3.8	4.6	5.3	6.0	6.7	7.4	8.3	8.9	10.1	11.1	11.9	13.1	14.1	15.1	16.6	18.0	19.5	22.4
3.7	4.2	4.8	5.3	5.8	6.5	7.1	7.8	8.5	9.2	10.0	10.6	11.8	12.8	13.6	14.8	15.8	16.8	18.2	19.6	21.1	24.1	
...	...	...	...	...	...	...	...	5.1	5.9	6.7	7.4	8.6	9.6	10.4	11.7	12.7	13.7	15.2	16.6	18.1	21.1
3.4	4.0	4.5	5.0	5.5	6.3	6.9	7.6	8.3	9.0	9.8	10.4	11.6	12.6	13.4	14.6	15.6	16.5	18.0	19.4	20.9	23.9	
...	...	3.6	4.2	4.7	5.4	6.1	6.8	7.5	8.2	9.0	9.6	10.8	11.8	12.6	13.8	14.8	15.8	17.3	18.7	20.2	23.1	
...	...	...	...	3.9	4.7	5.3	6.1	6.8	7.5	8.3	9.0	10.2	11.2	12.0	13.2	14.2	15.2	16.7	18.1	19.5	22.5
3.2	3.7	4.2	4.8	5.3	6.0	6.6	7.3	8.1	8.8	9.6	10.2	11.4	12.4	13.2	14.3	15.3	16.3	17.8	19.2	20.7	23.6	
...	...	...	...	...	...	...	...	5.3	6.0	6.9	7.5	8.8	9.8	10.6	11.8	12.8	13.9	15.4	16.8	18.3	21.2
...	...	...	...	4.0	4.8	5.4	6.2	6.9	7.6	8.4	9.0	10.3	11.3	12.1	13.3	14.3	15.3	16.8	18.1	19.6	22.6
...	...	3.7	4.2	4.8	5.5	6.1	6.9	7.6	8.3	9.1	9.7	10.9	11.9	12.7	13.9	14.9	15.9	17.4	18.8	20.3	23.2	
...	...	...	...	...	...	...	4.5	5.3	6.1	7.0	7.6	8.8	9.9	10.7	11.9	12.9	13.9	15.5	16.9	18.4	21.3
...	...	...	...	4.1	4.8	5.5	6.2	7.0	7.7	8.5	9.1	10.3	11.4	12.2	13.4	14.4	15.4	16.8	18.2	19.7	22.7
...	...	...	...	...	...	...	4.6	5.4	6.2	7.0	7.7	8.9	10.0	10.8	12.0	13.0	14.0	15.5	16.9	18.4	21.4
...	...	...	...	...	...	...	4.7	5.5	6.3	7.1	7.8	9.0	10.0	10.9	12.1	13.1	14.1	15.6	17.0	18.5	21.5
.8		.9				1.0						1.1					1.2					

HTS 8 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1750 RPM Driver							
		Driver		Driven		RPP™ Belt Widths				RPP™ PLUS Belt Widths			
		No. Teeth	P.D.	No. Teeth	P.D.	20	30	50	85	20	30	50	85
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													
1750	1.00	22	2.206	22	2.206	3.99	6.34	11.0	...	5.99	9.47	16.4	...
1750	1.00	24	2.406	24	2.406	4.35	6.91	12.0	...	6.60	10.4	18.1	...
1750	1.00	26	2.607	26	2.607	4.71	7.48	12.9	...	7.22	11.4	19.8	...
1750	1.00	28	2.807	28	2.807	5.61	8.92	15.4	...	7.83	12.4	21.5	...
1750	1.00	30	3.008	30	3.008	6.10	9.70	16.8	...	8.46	13.4	23.2	...
1750	1.00	32	3.208	32	3.208	6.72	10.7	18.5	...	9.08	14.4	24.9	...
1750	1.00	34	3.409	34	3.409	7.67	12.2	21.1	36.7	9.71	15.4	26.6	46.4
1750	1.00	36	3.609	36	3.609	9.85	15.7	27.7	47.1	10.3	16.4	28.4	49.4
1750	1.00	38	3.810	38	3.810	10.3	16.4	28.4	49.4	11.0	17.4	30.1	52.4
1750	1.00	40	4.010	40	4.010	10.8	17.2	29.8	51.8	11.6	18.4	31.9	55.5
1750	1.00	44	4.411	44	4.411	11.8	18.8	32.5	56.4	12.9	20.4	35.4	61.6
1750	1.00	48	4.812	48	4.812	12.7	20.3	35.1	60.9	14.2	22.4	38.9	67.7
1750	1.00	56	5.614	56	5.614	14.6	23.2	40.0	69.6	16.8	26.5	46.0	80.1
1750	1.00	64	6.416	64	6.416	16.3	25.9	44.8	77.8	19.3	30.6	53.1	92.5
1750	1.00	72	7.218	72	7.218	17.9	28.4	49.2	85.5	21.9	34.7	60.2	105
1750	1.00	80	8.020	80	8.020	19.4	30.8	53.3	92.7	24.4	38.7	67.2	117
1663	1.05	38	3.810	40	4.010	10.3	16.4	28.4	49.4	11.0	17.4	30.1	52.4
1658	1.06	36	3.609	38	3.810	9.85	15.7	27.1	47.1	10.3	16.4	28.4	49.4
1653	1.06	34	3.409	36	3.609	7.67	12.2	21.1	36.7	9.71	15.4	26.6	46.4
1647	1.06	32	3.208	34	3.409	6.72	10.7	18.5	...	9.08	14.4	24.9	...
1641	1.07	30	3.008	32	3.208	6.10	9.70	16.8	...	8.46	13.4	23.2	...
1633	1.07	28	2.807	30	3.008	5.61	8.92	15.4	...	7.83	12.4	21.5	...
1625	1.08	26	2.607	28	2.807	4.71	7.48	12.9	...	7.22	11.4	19.8	...
1615	1.08	24	2.406	26	2.607	4.35	6.91	12.0	...	6.60	10.4	18.1	...
1604	1.09	22	2.206	24	2.406	3.99	6.34	11.0	...	5.99	9.47	16.4	...
1604	1.09	44	4.411	48	4.812	11.8	18.8	32.5	56.4	12.9	20.4	35.4	61.6
1591	1.10	40	4.010	44	4.411	10.8	17.2	29.8	51.8	11.6	18.4	31.9	55.5
1575	1.11	36	3.609	40	4.010	9.85	15.7	27.1	47.1	10.3	16.4	28.4	49.4
1575	1.11	72	7.218	80	8.020	17.9	28.4	49.2	85.5	21.9	34.7	60.2	105
1566	1.12	34	3.409	38	3.810	7.67	12.2	21.1	36.7	9.71	15.4	26.6	46.4
1556	1.13	32	3.208	36	3.609	6.72	10.7	18.5	...	9.08	14.4	24.9	...
1556	1.13	64	6.416	72	7.218	16.3	25.9	44.8	77.8	19.3	30.6	53.1	92.5
1556	1.13	80	8.020	90	9.023	19.4	30.8	53.3	92.7	24.4	38.7	67.2	117
1544	1.13	30	3.008	34	3.409	6.10	9.70	16.8	...	8.46	13.4	23.2	...
1531	1.14	28	2.807	32	3.208	5.61	8.92	15.4	...	7.83	12.4	21.5	...
1531	1.14	56	5.614	64	6.416	14.6	23.2	40.0	69.6	16.8	26.5	46.0	80.1
1517	1.15	26	2.607	30	3.008	4.71	7.48	12.9	...	7.22	11.4	19.8	...
1511	1.16	38	3.810	44	4.411	10.3	16.4	28.4	49.4	11.0	17.4	30.1	52.4
1500	1.17	24	2.406	28	2.807	4.35	6.91	12.0	...	6.60	10.4	18.1	...
1500	1.17	48	4.812	56	5.614	12.7	20.3	35.1	60.9	14.2	22.4	38.9	67.7
1488	1.18	34	3.409	40	4.010	7.67	12.2	21.1	36.7	9.71	15.4	26.6	46.4
1481	1.18	22	2.206	26	2.607	3.99	6.34	11.0	...	5.99	9.47	16.4	...
1474	1.19	32	3.208	38	3.810	6.72	10.7	18.5	...	9.08	14.4	24.9	...
1458	1.20	30	3.008	36	3.609	6.10	9.70	16.8	...	8.46	13.4	23.2	...
1458	1.20	40	4.010	48	4.812	10.8	17.2	29.8	51.8	11.6	18.4	31.9	55.5
1441	1.21	28	2.807	34	3.409	5.61	8.92	15.4	...	7.83	12.4	21.5	...
1432	1.22	36	3.609	44	4.411	9.85	15.7	27.1	47.1	10.3	16.4	28.4	49.4
1422	1.23	26	2.607	32	3.208	4.71	7.48	12.9	...	7.22	11.4	19.8	...
1400	1.25	24	2.406	30	3.008	4.35	6.91	12.0	...	6.60	10.4	18.1	...
1400	1.25	32	3.208	40	4.010	6.72	10.7	18.5	...	9.08	14.4	24.9	...
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													

PULLEYS



HTS 8 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																								
BELT LENGTH CODE DESIGNATION																								
480	536	560	600	640	720	800	880	960	1040	1120	1200	1224	1280	1440	1600	1760	1800	2000	2400	2600	2800			
.8				.9				1.0					1.1				1.2							
6.0	7.1	7.6	8.3	9.1	10.7	12.3	13.9	15.4	17.0	18.6	20.2	20.6	21.7	24.9	28.0	31.2	32.0	35.9	43.8	47.7	51.7			
5.7	6.8	7.2	8.0	8.8	10.4	12.0	13.5	15.1	16.7	18.3	19.8	20.3	21.4	24.6	27.7	30.9	31.7	35.6	43.5	47.4	51.3			
5.4	6.5	6.9	7.7	8.5	10.1	11.7	13.2	14.8	16.4	18.0	19.5	20.0	21.1	24.3	27.4	30.6	31.3	35.3	43.2	47.1	51.0			
5.0	6.1	6.6	7.4	8.2	9.8	11.3	12.9	14.5	16.1	17.6	19.2	19.7	20.8	23.9	27.1	30.2	31.0	35.0	42.8	46.8	50.7			
4.7	5.8	6.3	7.1	7.9	9.5	11.0	12.6	14.2	15.8	17.3	18.9	19.4	20.5	23.6	26.8	29.9	30.7	34.6	42.5	46.5	50.4			
4.4	5.5	6.0	6.8	7.6	9.1	10.7	12.3	13.9	15.4	17.0	18.6	19.1	20.2	23.3	26.5	29.6	30.4	34.3	42.2	46.1	50.1			
...	5.2	5.7	6.5	7.2	8.8	10.4	12.0	13.5	15.1	16.7	18.3	18.7	19.8	23.0	26.1	29.3	30.1	34.0	41.9	45.8	49.8			
...	4.9	5.4	6.1	6.9	8.5	10.1	11.7	13.2	14.8	16.4	18.0	18.4	19.5	22.7	25.8	29.0	29.8	33.7	41.6	45.5	49.5			
...	4.6	5.0	5.8	6.6	8.2	9.8	11.3	12.9	14.5	16.1	17.6	18.1	19.2	22.4	25.5	28.7	29.5	33.4	41.3	45.2	49.1			
...	...	...	5.5	6.3	7.9	9.5	11.0	12.6	14.2	15.8	17.3	17.8	18.9	22.1	25.2	28.3	29.1	33.1	40.9	44.9	48.8			
...	...	...	...	5.7	7.2	8.8	10.4	12.0	13.5	15.1	16.7	17.2	18.3	21.4	24.6	27.7	28.5	32.4	40.3	44.3	48.2			
...	...	...	...	...	6.6	8.2	9.8	11.3	12.9	14.5	16.1	16.5	17.6	20.8	23.9	27.1	27.9	31.8	39.7	43.6	47.6			
...	...	...	...	...	...	6.9	8.5	10.1	11.7	13.2	14.8	15.3	16.4	19.5	22.7	25.8	26.6	30.6	38.4	42.4	46.3			
...	...	...	...	...	...	...	7.2	8.8	10.4	12.0	13.5	14.0	15.1	18.3	21.4	24.6	25.4	29.3	37.2	41.1	45.0			
...	...	...	...	...	...	...	...	...	9.1	10.7	12.3	12.8	13.6	17.0	20.2	23.3	24.1	28.0	35.9	39.8	43.8			
...	...	...	...	...	...	...	...	...	...	9.5	11.0	11.5	12.6	15.8	18.9	22.1	22.8	26.8	34.7	38.6	42.5			
...	...	4.9	5.7	6.5	8.0	9.6	11.2	12.8	14.3	15.9	17.5	18.0	19.1	22.2	25.4	28.5	29.3	33.2	41.1	45.0	49.0			
...	4.7	5.2	6.0	6.8	8.3	9.9	11.5	13.1	14.6	16.2	17.8	18.3	19.4	22.5	25.7	28.8	29.6	33.5	41.4	45.4	49.3			
...	5.0	5.5	6.3	7.1	8.7	10.2	11.8	13.4	15.0	16.5	18.1	18.6	19.7	22.8	26.0	29.1	29.9	33.9	41.7	45.7	49.6			
4.3	5.4	5.8	6.6	7.4	9.0	10.6	12.1	13.7	15.3	16.9	18.4	18.9	20.0	23.2	26.3	29.5	30.2	34.2	42.0	46.0	49.9			
4.6	5.7	6.1	6.9	7.7	9.3	10.9	12.4	14.0	15.6	17.2	18.7	19.2	20.3	23.5	26.6	29.8	30.6	34.5	42.4	46.3	50.2			
4.9	6.0	6.5	7.2	8.0	9.6	11.2	12.8	14.3	15.9	17.5	19.1	19.5	20.6	23.8	26.9	30.1	30.9	34.8	42.7	46.6	50.6			
5.2	6.3	6.8	7.6	8.3	9.9	11.5	13.1	14.6	16.2	17.8	19.4	19.8	20.9	24.1	27.2	30.4	31.2	35.1	43.0	46.9	50.9			
5.5	6.6	7.1	7.9	8.7	10.2	11.8	13.4	15.0	16.5	18.1	19.7	20.2	21.3	24.4	27.6	30.7	31.5	35.4	43.3	47.2	51.2			
5.8	6.9	7.4	8.2	9.0	10.6	12.1	13.7	15.3	16.9	18.4	20.0	20.5	21.6	24.7	27.9	31.0	31.8	35.7	43.6	47.6	51.5			
...	...	...	...	...	6.9	8.5	10.1	11.7	13.2	14.8	16.4	16.9	18.0	21.1	24.3	27.4	28.2	32.1	40.0	43.9	47.9			
...	...	...	5.2	6.0	7.6	9.1	10.7	12.3	13.9	15.4	17.0	17.5	18.6	21.7	24.9	28.0	28.8	32.8	40.6	44.6	48.5			
...	4.6	5.0	5.8	6.6	8.2	9.8	11.3	12.9	14.5	16.1	17.6	18.1	19.2	22.4	25.5	28.7	29.5	33.4	41.3	45.2	49.1			
...	...	...	...	...	...	...	...	...	8.5	10.1	11.7	12.1	13.2	16.4	19.5	22.7	23.5	27.4	35.3	39.2	43.2			
...	4.9	5.4	6.1	6.9	8.5	10.1	11.7	13.2	14.8	16.4	18.0	18.4	19.5	22.7	25.8	29.0	29.8	33.7	41.6	45.5	49.5			
...	5.2	5.7	6.5	7.2	8.8	10.4	12.0	13.5	15.1	16.7	18.3	18.7	19.8	23.0	26.1	29.3	30.1	34.0	41.9	45.8	49.8			
...	...	...	...	...	...	...	...	8.2	9.8	11.3	12.9	13.4	14.5	17.6	20.8	23.9	24.7	28.7	36.5	40.5	44.4			
...	...	...	...	...	...	...	...	...	...	...	10.2	10.7	11.8	15.0	18.1	21.3	22.0	26.0	33.9	37.8	41.7			
4.4	5.5	6.0	6.8	7.6	9.1	10.7	12.3	13.9	15.4	17.0	18.6	19.1	20.2	23.3	26.5	29.6	30.4	34.3	42.2	46.1	50.1			
4.7	5.8	6.3	7.1	7.9	9.4	11.0	12.6	14.2	15.7	17.3	18.9	19.4	20.5	23.6	26.8	29.9	30.7	34.6	42.5	46.5	50.4			
...	...	...	...	...	...	...	7.9	9.4	11.0	12.6	14.2	14.6	15.7	18.9	22.0	25.2	26.0	29.9	37.8	41.7	45.7			
5.0	6.1	6.6	7.4	8.2	9.8	11.3	12.9	14.5	16.1	17.6	19.2	19.7	20.8	23.9	27.1	30.2	31.0	35.0	42.8	46.8	50.7			
...	...	...	5.3	6.1	7.7	9.3	10.9	12.4	14.0	15.6	17.2	17.6	18.7	21.9	25.0	28.2	29.0	32.9	40.8	44.7	48.7			
5.4	6.5	6.9	7.7	8.5	10.1	11.7	13.2	14.8	16.4	18.0	19.5	20.0	21.1	24.3	27.4	30.6	31.3	35.3	43.2	47.1	51.0			
...	...	...	...	...	6.0	7.6	9.1	10.7	12.3	13.9	15.4	15.9	17.0	20.2	23.3	26.5	27.2	31.2	39.1	43.0	46.9			
...	4.7	5.2	6.0	6.8	8.3	9.9	11.5	13.1	14.6	16.2	17.8	18.3	19.4	22.5	25.7	28.8	29.6	33.5	41.4	45.4	49.3			
5.7	6.8	7.2	8.0	8.8	10.4	12.0	13.5	15.1	16.7	18.3	19.8	20.3	21.4	24.6	27.7	30.9	31.7	35.6	43.5	47.4	51.3			
...	5.0	5.5	6.3	7.1	8.7	10.2	11.8	13.4	15.0	16.5	18.1	18.6	19.7	22.8	26.0	29.1	29.9	33.9	41.7	45.7	49.6			
4.2	5.3	5.8	6.6	7.4	9.0	10.5	12.1	13.7	15.3	16.9	18.4	18.9	20.0	23.2	26.3	29.4	30.2	34.2	42.0	46.0	49.9			
...	...	...	...	5.7	7.2	8.8	10.4	12.0	13.5	15.1	16.7	17.2	18.3	21.4	24.6	27.7	28.5	32.4	40.3	44.3	48.2			
4.6	5.7	6.1	6.9	7.7	9.3	10.9	12.4	14.0	15.6	17.2	18.7	19.2	20.3	23.5	26.6	29.8	30.6	34.5	42.4	46.3	50.2			
...	...	...	5.5	6.3	7.9	9.4	11.0	12.6	14.2	15.7	17.3	17.8	18.9	22.0	25.2	28.3	29.1	33.1	40.9	44.9	48.8			
4.9	6.0	6.5	7.2	8.0	9.6	11.2	12.8	14.3	15.9	17.5	19.1	19.5	20.6	23.8	26.9	30.1	30.9	34.8	42.7	46.6	50.6			
5.2	6.3	6.8	7.6	8.3	9.9	11.5	13.1	14.6	16.2	17.8	19.4	19.8	20.9	24.1	27.2	30.4	31.2	35.1	43.0	46.9	50.9			
...	4.9	5.3	6.1	6.9	8.5	10.1	11.6	13.2	14.8	16.4	18.0	18.4	19.5	22.7	25.8	29.0	29.8	33.7	41.6	45.5	49.4			
.8				.9				1.0					1.1				1.2							

HTS 8 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1750 RPM Driver							
		Driver		Driven		RPP™ Belt Widths				RPP™ PLUS Belt Widths			
		No. Teeth	P.D.	No. Teeth	P.D.	20	30	50	85	20	30	50	85
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													
1400	1.25	64	6.416	80	8.020	16.30	25.90	44.8	77.8	19.30	30.60	53.1	92.5
1400	1.25	72	7.218	90	9.023	17.90	28.40	49.2	85.5	21.90	34.70	60.2	105.0
1385	1.26	38	3.810	48	4.812	10.30	16.40	28.4	49.4	11.00	17.40	30.1	52.4
1382	1.27	30	3.008	38	3.810	6.10	9.70	16.8	...	8.46	13.40	23.2	...
1375	1.27	22	2.206	28	2.807	3.99	6.34	11.0	...	5.99	9.47	16.4	...
1375	1.27	44	4.411	56	5.614	11.80	18.80	32.5	56.4	12.90	20.40	35.4	61.6
1361	1.29	28	2.807	36	3.609	5.61	8.92	15.4	...	7.83	12.40	21.5	...
1361	1.29	56	5.614	72	7.218	14.60	23.20	40.0	69.6	16.80	26.50	16.0	80.1
1352	1.29	34	3.409	44	4.411	7.67	12.20	21.1	36.7	9.71	15.40	26.6	46.4
1338	1.31	26	2.607	34	3.409	4.71	7.48	12.9	...	7.22	11.40	19.8	...
1313	1.33	24	2.406	32	3.208	4.35	6.91	12.0	...	6.60	10.40	18.1	...
1313	1.33	30	3.008	40	4.010	6.10	9.70	16.8	...	8.46	13.40	23.2	...
1313	1.33	36	3.609	48	4.812	9.85	15.70	27.1	47.1	10.30	16.40	28.4	49.4
1313	1.33	48	4.812	64	6.416	12.70	20.30	35.1	60.9	14.20	22.40	38.9	67.7
1289	1.36	28	2.807	38	3.810	5.61	8.92	15.4	...	7.83	12.40	21.5	...
1283	1.36	22	2.206	30	3.008	3.99	6.34	11.0	...	5.99	9.47	16.4	...
1273	1.38	32	3.208	44	4.411	6.72	10.70	18.5	...	9.08	14.40	24.9	...
1264	1.38	26	2.607	36	3.609	4.71	7.48	12.9	...	7.22	11.40	19.8	...
1250	1.40	40	4.010	56	5.614	10.80	17.20	29.8	51.8	11.60	18.40	31.9	55.5
1250	1.40	80	8.020	112	11.229	19.40	30.80	53.3	92.7	24.40	38.70	67.2	117.0
1244	1.41	64	6.416	90	9.023	16.30	25.90	44.8	77.8	19.30	30.60	53.1	92.5
1240	1.41	34	3.409	48	4.812	7.67	12.20	21.1	36.7	9.71	15.40	26.6	46.4
1235	1.42	24	2.406	34	3.409	4.35	6.91	12.0	...	6.60	10.40	18.1	...
1225	1.43	28	2.807	40	4.010	5.61	8.92	15.4	...	7.83	12.40	21.5	...
1225	1.43	56	5.614	80	8.020	14.60	23.20	40.0	69.6	16.80	26.50	16.0	80.1
1203	1.45	22	2.206	32	3.208	3.99	6.34	11.0	...	5.99	9.47	16.4	...
1203	1.45	44	4.411	64	6.416	11.80	18.80	32.5	56.4	12.90	20.40	35.4	61.6
1197	1.46	26	2.607	38	3.810	4.71	7.48	12.9	...	7.22	11.40	19.8	...
1193	1.47	30	3.008	44	4.411	6.10	9.70	16.8	...	8.46	13.40	23.2	...
1188	1.47	38	3.810	56	5.614	10.30	16.40	28.4	49.4	11.00	17.40	30.1	52.4
1167	1.50	24	2.406	36	3.609	4.35	6.91	12.0	...	6.60	10.40	18.1	...
1167	1.50	32	3.208	48	4.812	6.72	10.70	18.5	...	9.08	14.40	24.9	...
1167	1.50	48	4.812	72	7.218	12.70	20.30	35.1	60.9	14.20	22.40	38.9	67.7
1138	1.54	26	2.607	40	4.010	4.71	7.48	12.9	...	7.22	11.40	19.8	...
1132	1.55	22	2.206	34	3.409	3.99	6.34	11.0	...	5.99	9.47	16.4	...
1125	1.56	36	3.609	56	5.614	9.85	15.70	27.1	47.1	10.30	16.40	28.4	49.4
1125	1.56	72	7.218	112	11.229	17.90	28.40	49.2	85.5	21.90	34.70	60.2	105.0
1114	1.57	28	2.807	44	4.411	5.61	8.92	15.4	...	7.83	12.40	21.5	...
1105	1.58	24	2.406	38	3.810	4.35	6.91	12.0	...	6.60	10.40	18.1	...
1094	1.60	30	3.008	48	4.812	6.10	9.70	16.8	...	8.46	13.40	23.2	...
1094	1.60	40	4.010	64	6.416	10.80	17.20	29.8	51.8	11.60	18.40	31.9	55.5
1089	1.61	56	5.614	90	9.023	14.60	23.20	40.0	69.6	16.80	26.50	16.0	80.1
1069	1.64	22	2.206	36	3.609	3.99	6.34	11.0	...	5.99	9.47	16.4	...
1069	1.64	44	4.411	72	7.218	11.80	18.80	32.5	56.4	12.90	20.40	35.4	61.6
1063	1.65	34	3.409	56	5.614	7.67	12.20	21.1	36.7	9.71	15.40	26.6	46.4
1050	1.67	24	2.406	40	4.010	4.35	6.91	12.0	...	6.60	10.40	18.1	...
1050	1.67	48	4.812	80	8.020	12.70	20.30	35.1	60.9	14.20	22.40	38.9	67.7
1039	1.68	38	3.810	64	4.416	10.30	16.40	28.4	49.4	11.00	17.40	30.1	52.4
1034	1.69	26	2.607	44	4.411	4.71	7.48	12.9	...	7.22	11.40	19.8	...
1021	1.71	28	2.807	48	4.812	5.61	8.92	15.4	...	7.83	12.40	21.5	...
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													

PULLEYS



HTS 8 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																						
BELT LENGTH CODE DESIGNATION																						
536	560	600	640	720	800	880	960	1040	1120	1200	1224	1280	1440	1600	1760	1800	2000	2400	2600	2800	3048	
.8			.9				1.0					1.1				1.2						
...	...	...	...	...	...	...	...	9.1	10.7	12.3	12.7	13.8	17.0	20.1	23.3	24.1	28.0	35.9	39.8	43.8	48.7
...	...	...	...	...	...	...	...	...	9.3	10.8	11.3	12.4	15.6	18.7	21.9	22.7	26.6	34.5	38.4	42.4	47.2
...	...	...	5.8	7.4	9.0	10.5	12.1	13.7	15.3	16.8	17.3	18.4	21.6	24.7	27.9	28.7	32.6	40.5	44.4	48.3	53.2
5.2	5.7	6.4	7.2	8.8	10.4	12.0	13.5	15.1	16.7	18.3	18.7	19.8	23.0	26.1	29.3	30.1	34.0	41.9	45.8	49.8	54.6	
6.6	7.1	7.9	8.7	10.2	11.8	13.4	15.0	16.5	18.1	19.7	20.2	21.3	24.4	27.6	30.7	31.5	35.4	43.3	47.2	51.2	56.1	
...	...	...	...	6.3	7.9	9.4	11.0	12.6	14.2	15.7	16.2	17.3	20.5	23.6	26.8	27.6	31.5	39.4	43.3	47.2	52.1
5.5	6.0	6.8	7.6	9.1	10.7	12.3	13.9	15.4	17.0	18.6	19.1	20.2	23.3	26.5	29.6	30.4	34.3	42.2	46.1	50.1	55.0	
...	...	...	...	...	...	7.2	8.8	10.4	11.9	13.5	14.0	15.1	18.3	21.4	24.6	25.3	29.3	37.2	41.1	45.0	49.9
...	4.9	5.6	6.4	8.0	9.6	11.2	12.7	14.3	15.9	17.5	17.9	19.1	22.2	25.4	28.5	29.3	33.2	41.1	45.0	49.0	53.9	
5.8	6.3	7.1	7.9	9.4	11.0	12.6	14.2	15.7	17.3	18.9	19.4	20.5	23.6	26.8	29.9	30.7	34.6	42.5	46.5	50.4	55.3	
6.1	6.6	7.4	8.2	9.8	11.3	12.9	14.5	16.1	17.6	19.2	19.7	20.8	23.9	27.1	30.2	31.0	35.0	42.8	46.8	50.7	55.6	
5.0	5.5	6.3	7.1	8.6	10.2	11.8	13.4	15.0	16.5	18.1	18.6	19.7	22.8	26.0	29.1	29.9	33.9	41.7	45.7	49.6	54.5	
...	...	5.2	6.0	7.5	9.1	10.7	12.3	13.8	15.4	17.0	17.5	18.6	21.7	24.9	28.0	28.8	32.8	40.6	44.6	48.5	53.4	
...	...	...	...	...	6.9	8.5	10.0	11.6	13.2	14.8	15.3	16.4	19.5	22.7	25.8	26.6	30.5	38.4	42.4	46.3	51.2
5.3	5.8	6.6	7.4	9.0	10.5	12.1	13.7	15.3	16.8	18.4	18.9	20.0	23.1	26.3	29.4	30.2	34.2	42.0	46.0	49.9	54.8	
6.4	6.9	7.7	8.5	10.1	11.6	13.2	14.8	16.4	17.9	19.5	20.0	21.1	24.3	27.4	30.6	31.3	35.3	43.1	47.1	51.0	55.9	
...	5.0	5.8	6.6	8.2	9.7	11.3	12.9	14.5	16.1	17.6	18.1	19.2	22.4	25.5	28.7	29.4	33.4	41.3	45.2	49.1	54.0	
5.6	6.1	6.9	7.7	9.3	10.9	12.4	14.0	15.6	17.2	18.7	19.2	20.3	23.5	26.6	29.8	30.5	34.5	42.4	46.3	50.2	55.1	
...	...	...	...	6.6	8.2	9.7	11.3	12.9	14.5	16.0	16.5	17.6	20.8	23.9	27.1	27.9	31.8	39.7	43.6	47.6	52.4
...	...	...	...	...	...	...	...	...	...	...	...	...	13.1	16.3	19.5	20.3	24.2	32.1	36.0	40.0	44.9
...	...	...	...	...	...	...	...	...	9.8	11.4	11.9	13.0	16.2	19.3	22.5	23.3	27.2	35.1	39.0	43.0	47.9
...	...	...	...	...	...	...	12.4	14.0	15.6	17.2	17.6	18.7	21.9	25.0	28.2	29.0	32.9	40.8	44.7	48.7	53.5
6.0	6.4	7.2	8.0	9.6	11.2	12.7	14.3	15.9	17.5	19.1	19.5	20.6	23.8	26.9	30.1	30.9	34.8	42.7	46.6	50.6	55.4	
5.2	5.6	6.4	7.2	8.8	10.4	12.0	13.5	15.1	16.7	18.3	18.7	19.8	23.0	26.1	29.3	30.1	34.0	41.9	45.8	49.8	54.6	
...	...	...	...	...	...	...	8.1	9.7	11.3	12.9	13.3	14.4	17.6	20.8	23.9	24.7	28.6	36.5	40.5	44.4	49.3
6.3	6.8	7.5	8.3	9.9	11.5	13.1	14.6	16.2	17.8	19.4	19.8	20.9	24.1	27.2	30.4	31.2	35.1	43.0	46.9	50.9	55.7	
...	...	...	...	...	7.2	8.8	10.3	11.9	13.5	15.1	15.6	16.7	19.8	23.0	26.1	26.9	30.9	38.7	42.7	46.6	51.5
5.5	6.0	6.7	7.5	9.1	10.7	12.3	13.8	15.4	17.0	18.6	19.0	20.2	23.3	26.5	29.6	30.4	34.3	42.2	46.1	50.1	55.0	
4.7	5.1	5.9	6.7	8.3	9.9	11.5	13.1	14.6	16.2	17.8	18.3	19.4	22.5	25.7	28.8	29.6	33.5	41.4	45.4	49.3	54.2	
...	...	...	...	6.7	8.3	9.9	11.5	13.0	14.6	16.2	16.7	17.8	20.9	24.1	27.2	28.0	32.0	39.8	43.8	47.7	52.6
5.8	6.3	7.1	7.9	9.4	11.0	12.6	14.2	15.7	17.3	18.9	19.4	20.5	23.6	26.8	29.9	30.7	34.6	42.5	46.5	50.4	55.3	
...	...	5.5	6.2	7.8	9.4	11.0	12.6	14.2	15.7	17.3	17.8	18.9	22.0	25.2	28.3	29.1	33.1	40.9	44.9	48.8	53.7	
...	...	...	...	...	...	7.8	9.4	11.0	12.5	14.1	14.6	15.7	18.9	22.0	25.2	26.0	29.9	37.8	41.7	45.7	50.5
5.3	5.8	6.6	7.4	8.9	10.5	12.1	13.7	15.3	16.8	18.4	18.9	20.0	23.1	26.3	29.4	30.2	34.2	42.0	46.0	49.9	54.8	
6.1	6.6	7.4	8.2	9.7	11.3	12.9	14.5	16.1	17.6	19.2	19.7	20.8	23.9	27.1	30.2	31.0	35.0	42.8	46.8	50.7	55.6	
...	...	...	...	6.9	8.4	10.0	11.6	13.2	14.8	16.3	16.8	17.9	21.1	24.2	27.4	28.2	32.1	40.0	43.9	47.9	52.7
...	...	...	...	...	...	...	...	...	...	...	...	10.5	13.7	16.9	20.1	20.8	24.8	32.7	36.6	40.6	45.5
4.8	5.3	6.1	6.9	8.5	10.0	11.6	13.2	14.8	16.4	17.9	18.4	19.5	22.7	25.8	29.0	29.8	33.7	41.6	45.5	49.4	54.3	
5.6	6.1	6.9	7.7	9.3	10.8	12.4	14.0	15.6	17.2	18.7	19.2	20.3	23.5	26.6	29.8	30.5	34.5	42.4	46.3	50.2	55.1	
...	4.8	5.6	6.4	8.0	9.6	11.1	12.7	14.3	15.9	17.5	17.9	19.0	22.2	25.3	28.5	29.3	33.2	41.1	45.0	49.0	53.9	
...	...	...	...	...	7.5	9.1	10.6	12.2	13.8	15.4	15.9	17.0	20.1	23.3	26.4	27.2	31.2	39.0	43.0	46.9	51.8
...	...	...	...	...	...	...	...	8.8	10.4	12.0	12.5	13.6	16.8	19.9	23.1	23.9	27.8	35.7	39.7	43.6	48.5
5.9	6.4	7.2	8.0	9.6	11.2	12.7	14.3	15.9	17.5	19.0	19.5	20.6	23.8	26.9	30.1	30.9	34.8	42.7	46.6	50.5	55.4	
...	...	...	...	...	...	8.1	9.7	11.2	12.8	14.4	14.9	16.0	19.2	22.3	25.5	26.3	30.2	38.1	42.0	46.0	50.8
...	...	...	5.4	7.0	8.6	10.2	11.8	13.3	14.9	16.5	17.0	18.1	21.2	24.4	27.5	28.3	32.3	40.1	44.1	48.0	52.9
5.5	5.9	6.7	7.5	9.1	10.7	12.3	13.8	15.4	17.0	18.6	19.0	20.1	23.3	26.4	29.6	30.4	34.3	42.2	46.1	50.1	55.0	
...	...	...	...	...	...	...	8.7	10.3	11.9	13.4	13.9	15.0	18.2	21.4	24.5	25.3	29.2	37.1	41.1	45.0	49.9
...	...	...	...	6.0	7.6	9.2	10.8	12.4	14.0	15.5	16.0	17.1	20.3	23.4	26.6	27.4	31.3	39.2	43.1	47.1	52.0
5.0	5.4	6.2	7.0	8.6	10.2	11.8	13.4	14.9	16.5	18.1	18.6	19.7	22.8	26.0	29.1	29.9	33.8	41.7	45.7	49.6	54.5	
...	4.9	5.7	6.5	8.1	9.7	11.3	12.9	14.5	16.0	17.6	18.1	19.2	22.3	25.5	28.6	29.4	33.4	41.2	45.2	49.1	54.0	
.8	.9						1.0					1.1				1.2						

HTS 8 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1750 RPM Driver							
		Driver		Driven		RPP™ Belt Widths				RPP™ PLUS Belt Widths			
		No. Teeth	P.D.	No. Teeth	P.D.	20	30	50	85	20	30	50	85
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR													
1013	1.73	22	2.206	38	3.810	3.99	6.34	11.0	...	5.99	9.47	16.4	...
1000	1.75	32	3.208	56	5.614	6.72	10.70	18.5	...	9.08	14.40	24.9	...
1000	1.75	64	6.416	112	11.229	16.30	25.90	44.8	77.8	19.30	30.60	53.1	92.5
984	1.78	36	3.609	64	6.416	9.85	15.70	27.1	47.1	10.30	16.40	28.4	49.4
972	1.80	40	4.010	72	7.218	10.80	17.20	29.8	51.8	11.60	18.40	31.9	55.5
972	1.80	80	8.020	144	14.437	19.40	30.80	53.3	92.7	24.40	38.70	67.2	117.0
963	1.82	22	2.206	40	4.010	3.99	6.34	11.0	...	5.99	9.47	16.4	...
963	1.82	44	4.411	80	8.020	11.80	18.80	32.5	56.4	12.90	20.40	35.4	61.6
955	1.83	24	2.406	44	4.411	4.35	6.91	12.0	...	6.60	10.40	18.1	...
948	1.85	26	2.607	48	4.812	4.71	7.48	12.9	...	7.22	11.40	19.8	...
938	1.87	30	3.008	56	5.614	6.10	9.70	16.8	...	8.46	13.40	23.2	...
933	1.88	48	4.812	90	9.023	12.70	20.30	35.1	60.9	14.20	22.40	38.9	67.7
930	1.88	34	3.409	64	6.416	7.67	12.20	21.1	36.7	9.71	15.40	26.6	46.4
924	1.89	38	3.810	72	7.218	10.30	16.40	28.4	49.4	11.00	17.40	30.1	52.4
875	2.00	22	2.206	44	4.411	3.99	6.34	11.0	...	5.99	9.47	16.4	...
875	2.00	24	2.406	48	4.812	4.35	6.91	12.0	...	6.60	10.40	18.1	...
875	2.00	28	2.807	56	5.614	5.61	8.92	15.4	...	7.83	12.40	21.5	...
875	2.00	32	3.208	64	6.416	6.72	10.70	18.5	...	9.08	14.40	24.9	...
875	2.00	36	3.609	72	7.218	9.85	15.70	27.1	47.1	10.30	16.40	28.4	49.4
875	2.00	40	4.010	80	8.020	10.80	17.20	29.8	51.8	11.60	18.40	31.9	55.5
875	2.00	56	5.614	112	11.229	14.60	23.20	40.0	69.6	16.80	26.50	46.0	80.1
875	2.00	72	7.218	144	14.437	17.90	28.40	49.2	85.5	21.90	34.70	60.2	105.0
856	2.05	44	4.411	90	9.023	11.80	18.80	32.5	56.4	12.90	20.40	35.4	61.6
831	2.11	38	3.810	80	8.020	10.30	16.40	28.4	49.4	11.00	17.40	30.1	52.4
826	2.12	34	3.409	72	7.218	7.67	12.20	21.1	36.7	9.71	15.40	26.6	46.4
820	2.13	30	3.008	64	6.416	6.10	9.70	16.8	...	8.46	13.40	23.2	...
813	2.15	26	2.607	56	5.614	4.71	7.48	12.9	...	7.22	11.40	19.8	...
802	2.18	22	2.206	48	4.812	3.99	6.34	11.0	...	5.99	9.47	16.4	...
788	2.22	36	3.609	80	8.020	9.85	15.70	27.1	47.1	10.30	16.40	28.4	49.4
778	2.25	32	3.208	72	7.218	6.72	10.70	18.5	...	9.08	14.40	24.9	...
778	2.25	40	4.010	90	9.023	10.80	17.20	29.8	51.8	11.60	18.40	31.9	55.5
778	2.25	64	6.416	144	14.437	16.30	25.90	44.8	77.8	19.30	30.60	53.1	92.5
766	2.29	28	2.807	64	6.416	5.61	8.92	15.4	...	7.83	12.40	21.5	...
750	2.33	24	2.406	56	5.614	4.35	6.91	12.0	...	6.60	10.40	18.1	...
750	2.33	48	4.812	112	11.229	12.70	20.30	35.1	60.9	14.20	22.40	38.9	67.7
744	2.35	34	3.409	80	8.020	7.67	12.20	21.1	36.7	9.71	15.40	26.6	46.4
739	2.37	38	3.810	90	9.023	10.30	16.40	28.4	49.4	11.00	17.40	30.1	52.4
729	2.40	30	3.008	72	7.218	6.10	9.70	16.8	...	8.46	13.40	23.2	...
729	2.40	80	8.020	192	19.249	19.40	30.80	53.3	92.7	24.40	38.70	67.2	117.0
711	2.46	26	2.607	64	6.416	4.71	7.48	12.9	...	7.22	11.40	19.8	...
700	2.50	32	3.208	80	8.020	6.72	10.70	18.5	...	9.08	14.40	24.9	...
700	2.50	36	3.609	90	9.023	9.85	15.70	27.1	47.1	10.30	16.40	28.4	49.4
688	2.55	22	2.206	56	5.614	3.99	6.34	11.0	...	5.99	9.47	16.4	...
688	2.55	44	4.411	112	11.229	11.80	18.80	32.5	56.4	12.90	20.40	35.4	61.6
681	2.57	28	2.807	72	7.218	5.61	8.92	15.4	...	7.83	12.40	21.5	...
681	2.57	56	5.614	144	14.437	14.60	23.20	40.0	69.6	16.80	26.50	46.0	80.1
661	2.65	34	3.409	90	9.023	7.67	12.20	21.1	36.7	9.71	15.40	26.6	46.4
656	2.67	24	2.406	64	6.416	4.35	6.91	12.0	...	6.60	10.40	18.1	...
656	2.67	30	3.008	80	8.020	6.10	9.70	16.8	...	8.46	13.40	23.2	...
656	2.67	72	7.218	192	19.249	17.90	28.40	49.2	85.5	21.90	34.70	60.2	105.0
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													

PULLEYS



HTS 8 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																							
BELT LENGTH CODE DESIGNATION																							
560	600	640	720	800	880	960	1040	1120	1200	1224	1280	1440	1600	1760	1800	2000	2400	2600	2800	3048	3280		
.8		.9				1.0					1.1				1.2								
6.2	7.0	7.8	9.4	11.0	12.6	14.2	15.7	17.3	18.9	19.4	20.5	23.6	26.8	29.9	30.7	34.6	42.5	46.5	50.4	55.3	59.8		
...	...	5.5	7.1	8.7	10.3	11.9	13.5	15.1	16.6	17.1	18.2	21.4	24.5	27.7	28.5	32.4	40.3	44.2	48.2	53.1	57.6		
...	...	...	...	...	...	...	...	...	...	...	11.1	14.3	17.5	20.6	21.4	25.4	33.3	37.2	41.2	46.1	50.7
...	...	...	6.1	7.7	9.3	10.9	12.5	14.1	15.7	16.2	17.3	20.4	23.6	26.7	27.5	31.5	39.3	43.3	47.2	52.1	56.7
...	...	...	...	6.7	8.3	9.9	11.5	13.1	14.7	15.2	16.3	19.5	22.6	25.8	26.2	30.5	38.4	42.3	46.3	51.2	55.7
...	...	...	...	...	...	...	...	...	...	...	...	...	13.5	16.7	17.5	21.5	29.4	33.4	37.3	42.2	46.8
6.1	6.9	7.7	9.2	10.8	12.4	14.0	15.6	17.1	18.7	19.2	20.3	23.4	26.6	29.8	30.5	34.5	42.4	46.3	50.2	55.1	59.7		
...	...	...	...	...	7.3	8.9	10.5	12.1	13.7	14.2	15.3	18.5	21.7	24.8	25.6	29.6	37.4	41.4	45.3	50.2	54.8
5.6	6.4	7.2	8.8	10.3	11.9	13.5	15.1	16.7	18.2	18.7	19.8	23.0	26.1	29.3	30.1	34.0	41.9	45.8	49.8	54.6	59.2		
5.1	5.9	6.7	8.3	9.9	11.4	13.0	14.6	16.2	17.8	18.2	19.3	22.5	25.6	28.8	29.6	33.5	41.4	45.3	49.3	54.2	58.7		
...	...	5.7	7.3	8.9	10.5	12.1	13.6	15.2	16.8	17.3	18.4	21.5	24.7	27.8	28.6	32.6	40.5	44.4	48.3	53.2	57.8		
...	...	...	...	...	...	7.7	9.4	11.0	12.6	13.1	14.2	17.3	20.5	23.7	24.5	28.4	36.3	40.3	44.2	49.1	53.7
...	...	...	6.3	7.9	9.5	11.1	12.7	14.2	15.8	16.3	17.4	20.6	23.7	26.9	27.7	31.6	39.5	43.4	47.4	52.3	56.8
...	...	...	...	6.9	8.5	10.1	11.7	13.3	14.9	15.3	16.4	19.6	22.8	25.9	26.7	30.7	38.5	42.5	46.4	51.3	55.9
5.7	6.5	7.3	8.9	10.5	12.1	13.7	15.2	16.8	18.4	18.9	20.0	23.1	26.3	29.4	30.2	34.2	42.0	46.0	49.9	54.8	59.4		
5.2	6.0	6.8	8.4	10.0	11.6	13.2	14.8	16.3	17.9	18.4	19.5	22.6	25.8	29.0	29.7	33.7	41.6	45.5	49.4	54.3	58.9		
...	5.0	5.8	7.4	9.0	10.6	12.2	13.8	15.4	16.9	17.4	18.5	21.7	24.8	28.0	28.8	32.7	40.6	44.5	48.5	53.4	57.9		
...	...	...	6.4	8.0	9.6	11.2	12.8	14.4	16.0	16.5	17.6	20.7	23.9	27.0	27.8	31.8	39.7	43.6	47.5	52.4	57.0
...	...	...	...	7.0	8.6	10.2	11.8	13.4	15.0	15.5	16.6	19.8	22.9	26.1	26.9	30.8	38.7	42.6	46.6	51.5	56.0
...	...	...	...	...	7.6	9.2	10.8	12.4	14.0	14.5	15.6	18.8	22.0	25.1	25.9	29.9	37.7	41.7	45.6	50.5	55.1
...	...	...	...	...	...	...	...	...	10.0	10.5	11.6	14.8	18.0	21.2	22.0	26.0	33.9	37.8	41.8	46.7	51.3
...	...	...	...	...	...	...	...	...	...	...	...	...	14.0	17.2	18.0	22.1	30.0	34.0	37.9	42.8	47.4
...	...	...	...	...	...	8.0	9.6	11.2	12.9	13.3	14.5	17.6	20.8	24.0	24.8	28.7	36.6	40.6	44.5	49.4	54.0
...	...	...	...	...	7.7	9.4	11.0	12.6	14.2	14.6	15.8	18.9	22.1	25.3	26.1	30.0	37.9	41.8	45.8	50.7	55.2
...	...	...	...	7.1	8.8	10.4	12.0	13.6	15.2	15.6	16.7	19.9	23.1	26.2	27.0	31.0	38.9	42.8	46.7	51.6	56.2
...	...	...	6.5	8.2	9.8	11.4	13.0	14.5	16.1	16.6	17.7	20.9	24.0	27.2	28.0	31.9	39.8	43.7	47.7	52.6	57.1
...	5.1	5.9	7.6	9.2	10.8	12.3	13.9	15.5	17.1	17.6	18.7	21.8	25.0	28.1	28.9	32.9	40.8	44.7	48.6	53.5	58.1		
5.3	6.2	7.0	8.6	10.1	11.7	13.3	14.9	16.5	18.1	18.5	19.6	22.8	26.0	29.1	29.9	33.8	41.7	45.7	49.6	54.5	59.0		
...	...	...	...	...	7.9	9.5	11.1	12.7	14.3	14.8	15.9	19.1	22.2	25.4	26.2	30.2	38.0	42.0	45.9	50.8	55.4
...	...	...	...	7.3	8.9	10.5	12.1	13.7	15.3	15.8	16.9	20.1	23.2	26.4	27.2	31.1	39.0	42.9	46.9	51.8	56.3
...	...	...	...	...	...	8.3	9.9	11.5	13.1	13.6	14.7	17.9	21.1	24.3	25.1	29.0	36.9	40.9	44.8	49.7	54.3
...	...	...	...	...	...	...	...	...	...	...	...	11.2	14.5	17.8	18.6	22.6	30.6	34.6	38.5	43.4	48.0
...	...	...	6.7	8.3	9.9	11.5	13.1	14.7	16.3	16.7	17.9	21.0	24.2	27.3	28.1	32.1	40.0	43.9	47.8	52.7	57.3
...	5.3	6.1	7.7	9.3	10.9	12.5	14.1	15.7	17.2	17.7	18.8	22.0	25.1	28.3	29.1	33.0	40.9	44.9	48.8	53.7	58.2		
...	...	...	...	...	...	...	...	8.9	10.5	11.0	12.2	15.4	18.6	21.8	22.6	26.6	34.5	38.4	42.4	47.3	51.9
...	...	...	...	...	8.0	9.6	11.2	12.9	14.5	14.9	16.0	19.2	22.4	25.6	26.4	30.3	38.2	42.1	46.1	51.0	55.5
...	...	...	...	...	...	8.4	10.0	11.7	13.3	13.8	14.9	18.1	21.2	24.4	25.2	29.2	37.1	41.0	45.0	49.9	54.4
...	...	...	...	7.4	9.0	10.6	12.3	13.8	15.4	15.9	17.0	20.2	23.4	26.5	27.3	31.3	39.2	43.1	47.0	51.9	56.5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17.0	25.2	29.2	33.2	38.1	42.8
...	...	...	6.8	8.4	10.0	11.6	13.2	14.8	16.4	16.9	18.0	21.2	24.3	27.5	28.3	32.2	40.1	44.1	48.0	52.9	57.4
...	...	...	...	6.5	8.1	9.8	11.4	13.0	14.6	15.1	16.2	19.4	22.5	25.7	26.5	30.5	38.3	42.3	46.2	51.1	55.7
...	...	...	...	...	...	8.5	10.2	11.8	13.4	13.9	15.0	18.2	21.4	24.6	25.4	29.3	37.2	41.2	45.1	50.0	54.6
...	5.4	6.2	7.8	9.4	11.0	12.6	14.2	15.8	17.4	17.9	19.0	22.1	25.3	28.5	29.2	33.2	41.1	45.0	48.9	53.8	58.4		
...	...	...	...	...	...	...	...	9.1	10.8	11.3	12.4	15.7	18.9	22.1	22.9	26.9	34.8	38.7	42.7	47.6	52.2
...	...	...	5.9	7.5	9.2	10.8	12.4	14.0	15.6	16.1	17.2	20.3	23.5	26.7	27.5	31.4	39.3	43.2	47.2	52.1	56.7
...	...	...	...	...	...	...	...	...	...	...	...	11.8	15.1	18.3	19.2	23.2	31.2	35.1	39.1	44.0	48.6
...	...	...	...	...	7.0	8.7	10.3	11.9	13.6	14.0	15.2	18.4	21.5	24.7	25.5	29.5	37.4	41.3	45.3	50.2	54.7
...	...	5.3	6.9	8.6	10.2	11.8	13.4	15.0	16.6	17.0	18.2	21.3	24.5	27.6	28.4	32.4	40.3	44.2	48.1	53.0	57.6		
...	...	...	...	6.6	8.3	9.9	11.5	13.1	14.7	15.2	16.3	19.5	22.7	25.9	26.6	30.6	38.5	42.4	46.4	51.3	55.8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17.5	25.7	29.8	33.8	38.7	43.3
.8	.9					1.0					1.1				1.2								

PULLEYS

HTS 8 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1750 RPM Driver							
		Driver		Driven		RPP™ Belt Widths				RPP™ PLUS Belt Widths			
		No. Teeth	P.D.	No. Teeth	P.D.	20	30	50	85	20	30	50	85
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													
632	2.77	26	2.607	72	7.218	4.71	7.48	12.9	...	7.22	11.40	19.8	...
625	2.80	40	4.010	112	11.229	10.80	17.20	29.8	51.8	11.60	18.40	31.9	55.5
622	2.81	32	3.208	90	9.023	6.72	10.70	18.5	...	9.08	14.40	24.9	...
613	2.86	28	2.807	80	8.020	5.61	8.92	15.4	...	7.83	12.40	21.5	...
602	2.91	22	2.206	64	6.416	3.99	6.34	11.0	...	5.99	9.47	16.4	...
594	2.95	38	3.810	112	11.229	10.30	16.40	28.4	49.4	11.00	17.40	30.1	52.4
583	3.00	24	2.406	72	7.218	4.35	6.91	12.0	...	6.60	10.40	18.1	...
583	3.00	30	3.008	90	9.023	6.10	9.70	16.8	...	8.46	13.40	23.2	...
583	3.00	48	4.812	144	14.437	12.70	20.30	35.1	60.9	14.20	22.40	38.9	67.7
583	3.00	64	6.416	192	19.249	16.30	25.90	44.8	77.8	19.30	30.60	53.1	92.5
569	3.08	26	2.607	80	8.020	4.71	7.48	12.9	...	7.22	11.40	19.8	...
563	3.11	36	3.609	112	11.229	9.85	15.70	27.1	47.1	10.30	16.40	28.4	49.4
544	3.21	28	2.807	90	9.023	5.61	8.92	15.4	...	7.83	12.40	21.5	...
535	3.27	22	2.206	72	7.218	3.99	6.34	11.0	...	5.99	9.47	16.4	...
535	3.27	44	4.411	144	14.437	11.80	18.80	32.5	56.4	12.90	20.40	35.4	61.6
531	3.29	34	3.409	112	11.229	7.67	12.20	21.1	36.7	9.71	15.40	26.6	46.4
525	3.33	24	2.406	80	8.020	4.35	6.91	12.0	...	6.60	10.40	18.1	...
510	3.43	56	5.614	192	19.249	14.60	23.20	40.0	69.6	16.80	26.50	46.0	80.1
506	3.46	26	2.607	90	9.023	4.71	7.48	12.9	...	7.22	11.40	19.8	...
500	3.50	32	3.208	112	11.229	6.72	10.70	18.5	...	9.08	14.40	24.9	...
486	3.60	40	4.010	144	14.437	10.80	17.20	29.8	51.8	11.60	18.40	31.9	55.5
481	3.64	22	2.206	80	8.020	3.99	6.34	11.0	...	5.99	9.47	16.4	...
469	3.73	30	3.008	112	11.229	6.10	9.70	16.8	...	8.46	13.40	23.2	...
467	3.75	24	2.406	90	9.023	4.35	6.91	12.0	...	6.60	10.40	18.1	...
462	3.79	38	3.810	144	14.437	10.30	16.40	28.4	49.4	11.00	17.40	30.1	52.4
438	4.00	28	2.807	112	11.229	5.61	8.92	15.4	...	7.83	12.40	21.5	...
438	4.00	36	3.609	144	14.437	9.85	15.70	27.1	47.1	10.30	16.40	28.4	49.4
438	4.00	48	4.812	192	19.249	12.70	20.30	35.1	60.9	14.20	22.40	38.9	67.7
428	4.09	22	2.206	90	9.023	3.99	6.34	11.0	...	5.99	9.47	16.4	...
413	4.24	34	3.409	144	14.437	7.67	12.20	21.1	36.7	9.71	15.40	26.6	46.4
406	4.31	26	2.607	112	11.229	4.71	7.48	12.9	...	7.22	11.40	19.8	...
401	4.36	44	4.411	192	19.249	11.80	18.80	32.5	56.4	12.90	20.40	35.4	61.6
389	4.50	32	3.208	144	14.437	6.72	10.70	18.5	...	9.08	14.40	24.9	...
375	4.67	24	2.406	112	11.229	4.35	6.91	12.0	...	6.60	10.40	18.1	...
365	4.80	30	3.008	144	14.437	6.10	9.70	16.8	...	8.46	13.40	23.2	...
365	4.80	40	4.010	192	19.249	10.80	17.20	29.8	51.8	11.60	18.40	31.9	55.5
346	5.05	38	3.810	192	19.249	10.30	16.40	28.4	49.4	11.00	17.40	30.1	52.4
344	5.09	22	2.206	112	11.229	3.99	6.34	11.0	...	5.99	9.47	16.4	...
340	5.14	28	2.807	144	14.437	5.61	8.92	15.4	...	7.83	12.40	21.5	...
328	5.33	36	3.609	192	19.249	9.85	15.7	27.1	47.1	10.30	16.40	28.4	49.4
316	5.54	26	2.607	144	14.437	4.71	7.48	12.9	...	7.22	11.40	19.8	...
310	5.65	34	3.409	192	19.249	7.67	12.20	21.1	36.7	9.71	15.40	26.6	46.4
292	6.00	24	2.406	144	14.437	4.35	6.91	12.0	...	6.60	10.40	18.1	...
292	6.00	32	3.208	192	19.249	6.72	10.70	18.5	...	9.08	14.40	24.9	...
273	6.40	30	3.008	192	19.249	6.10	9.70	16.8	...	8.46	13.40	23.2	...
267	6.55	22	2.206	144	14.437	3.99	6.34	11.0	...	5.99	9.47	16.4	...
255	6.86	28	2.807	192	19.249	5.61	8.92	15.4	...	7.83	12.40	21.5	...
237	7.38	26	2.607	192	19.249	4.71	7.48	12.9	...	7.22	11.40	19.8	...
219	8.00	24	2.406	192	19.249	4.35	6.91	12.0	...	6.60	10.40	18.1	...
201	8.73	22	2.206	192	19.249	3.99	6.34	11.0	...	5.99	9.47	16.4	...
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													

PULLEYS



HTS 8 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																						
BELT LENGTH CODE DESIGNATION																						
720	800	880	960	1040	1120	1200	1224	1280	1440	1600	1760	1800	2000	2400	2600	2800	3048	3280	3600	4400	1195	
.9			1.0					1.1				1.2										
6.0	7.7	9.3	10.9	12.5	14.1	15.7	16.2	17.3	20.5	23.7	26.8	27.6	31.6	39.5	43.4	43.4	52.2	56.8	63.1	78.9		
...	9.4	11.1	11.5	12.7	16.0	19.2	22.4	23.2	27.1	35.1	39.0	39.0	47.9	52.5	58.8	74.6		
...	...	7.1	8.8	10.4	12.1	13.7	14.2	15.3	18.5	21.7	24.9	25.7	29.6	37.5	41.5	45.4	50.3	54.9	61.2	77.0		
...	6.7	8.4	10.0	11.7	13.3	14.9	15.4	16.5	19.7	22.8	26.0	26.8	30.8	38.6	42.6	46.5	51.4	56.0	62.3	78.1		
7.1	8.7	10.3	11.9	13.5	15.1	16.7	17.2	18.3	21.5	24.6	27.8	28.6	32.5	40.4	44.4	48.3	53.2	57.8	64.1	79.8		
...	9.5	11.2	11.7	12.8	16.1	19.3	22.5	23.3	27.3	35.2	39.2	43.1	48.0	52.6	58.9	74.7		
6.1	7.8	9.4	11.1	12.7	14.3	15.9	16.3	17.5	20.6	23.8	27.0	27.8	31.7	39.6	43.6	47.5	52.4	57.0	63.3	79.0		
...	...	7.3	8.9	10.6	12.2	13.8	14.3	15.4	18.6	21.8	25.0	25.8	29.8	37.7	41.6	45.6	50.5	55.0	61.3	77.1		
...	12.3	15.6	18.9	19.7	23.7	31.7	35.7	39.7	44.6	49.2	55.5	71.3		
...	13.8	18.1	26.3	30.3	34.3	39.3	43.9	50.3	66.1		
...	6.9	8.5	10.2	11.8	13.4	15.0	15.5	16.6	19.8	23.0	26.2	26.9	30.9	38.8	42.7	46.7	51.6	56.2	62.5	78.2		
...	9.6	11.3	11.8	13.0	16.2	19.4	22.7	23.5	27.4	35.4	39.3	43.3	48.2	52.8	59.1	74.9		
...	...	7.4	9.1	10.7	12.3	14.0	14.5	15.6	18.8	22.0	25.2	25.9	29.9	37.8	41.8	45.7	50.6	55.2	61.5	77.3		
6.3	7.9	9.6	11.2	12.8	14.4	16.0	16.5	17.6	20.8	24.0	27.1	27.9	31.9	39.8	43.7	47.6	52.5	57.1	63.4	79.2		
...	12.5	15.9	19.2	20.0	24.0	32.0	36.0	40.0	44.9	49.5	55.8	71.6		
...	9.8	11.4	11.9	13.1	16.4	19.6	22.8	23.6	27.6	35.5	39.5	43.4	48.3	52.9	59.2	75.0		
...	7.0	8.7	10.3	11.9	13.6	15.2	15.6	16.8	19.9	23.1	26.3	27.1	31.0	38.9	42.9	46.8	51.7	56.3	62.6	78.4		
...	13.5	14.3	18.6	26.8	30.9	34.9	39.9	44.5	50.9	66.7		
...	...	7.5	9.2	10.8	12.5	14.1	14.6	15.7	18.9	22.1	25.3	26.1	30.1	38.0	41.9	45.9	50.8	55.3	61.6	77.4		
...	8.2	9.9	11.6	12.1	13.2	16.5	19.7	22.9	23.7	27.7	35.7	39.6	43.6	48.5	53.1	59.4	75.2		
...	12.8	16.1	19.4	20.2	24.3	32.3	36.3	40.3	45.2	49.8	56.1	71.9		
...	7.1	8.8	10.4	12.1	13.7	15.3	15.8	16.9	20.1	23.3	26.4	27.2	31.2	39.1	43.0	47.0	51.9	56.5	62.8	78.5		
...	8.3	10.0	11.7	12.2	13.4	16.6	19.9	23.1	23.9	27.9	35.8	39.8	43.7	48.6	53.2	59.5	75.3		
...	...	7.6	9.3	11.0	12.6	14.2	14.7	15.9	19.1	22.3	25.4	26.2	30.2	38.1	42.1	46.0	50.9	55.5	61.8	77.6		
...	12.9	16.3	19.6	20.4	24.4	32.5	36.4	40.4	45.3	49.9	56.3	72.1		
...	8.4	10.2	11.8	12.3	13.5	16.8	20.0	23.2	24.0	28.0	36.0	39.9	43.9	48.8	53.4	59.7	75.5		
...	13.1	16.4	19.7	20.5	24.6	32.6	36.6	40.6	45.5	50.1	56.4	72.2		
...	14.0	14.8	19.1	27.4	31.4	35.4	40.4	45.1	51.4	67.3		
...	...	7.8	9.5	11.1	12.8	14.4	14.9	16.0	19.2	22.4	25.6	26.4	30.3	38.3	42.2	46.2	51.1	55.6	61.9	77.7		
...	9.7	13.2	16.5	19.8	20.7	24.7	32.7	36.7	40.7	45.6	50.2	56.6	72.4		
...	8.6	10.3	12.0	12.5	13.6	16.9	20.1	23.4	24.2	28.2	36.1	40.1	44.0	48.9	53.5	59.8	75.6		
...	14.2	15.1	19.4	27.6	31.7	35.7	40.7	45.3	51.7	67.6		
...	9.8	13.3	16.7	20.0	20.8	24.8	32.9	36.9	40.9	45.8	50.4	56.7	72.5		
...	8.7	10.4	12.1	12.6	13.8	17.0	20.3	23.5	24.3	28.3	36.3	40.2	44.2	49.1	53.7	60.0	75.8		
...	10.0	13.4	16.8	20.1	20.9	25.0	33.0	37.0	41.0	45.9	50.5	56.9	72.7		
...	14.5	15.3	19.6	27.9	32.0	36.0	41.0	45.6	52.0	67.9		
...	14.6	15.5	19.7	28.0	32.1	36.1	41.1	45.8	52.1	68.0		
...	8.8	10.5	12.2	12.7	13.9	17.2	20.4	23.6	24.4	28.4	36.4	40.4	44.3	49.2	53.8	60.1	75.9		
...	10.1	13.6	16.9	20.2	21.1	25.1	33.2	37.2	41.1	46.1	50.7	57.0	72.8		
...	14.7	15.6	19.9	28.2	32.2	36.3	41.3	45.9	52.3	68.2		
...	10.2	13.7	17.1	20.4	21.2	25.3	33.3	37.3	41.3	46.2	50.8	57.2	73.0		
...	14.8	15.7	20.0	28.3	32.4	36.4	41.4	46.0	52.4	68.3		
...	10.3	13.8	17.2	20.5	21.3	25.4	33.4	37.4	41.4	46.4	51.0	57.3	73.1		
...	15.0	15.8	20.1	28.4	32.5	36.6	41.5	46.2	52.6	68.5		
...	15.1	16.0	20.3	28.6	32.6	36.7	41.7	46.3	52.7	68.6		
...	9.2	...	10.5	13.9	17.3	20.6	21.5	25.5	33.6	37.6	41.6	46.5	51.1	57.4	73.3		
...	15.2	16.1	20.4	28.7	32.8	36.8	41.8	46.5	52.9	68.8		
...	11.7	15.3	16.2	20.5	28.8	32.9	37.0	42.0	46.6	53.0	68.9		
...	11.8	15.5	16.3	20.6	29.0	33.1	37.1	42.1	46.8	53.1	69.1		
...	12.0	15.6	16.5	20.8	29.1	33.2	37.2	42.2	46.9	53.3	69.2		
.9			1.0					1.1				1.2										

PULLEYS

HTS 8 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1160 RPM Driver							
		Driver		Driven		RPP™ Belt Widths				RPP™ PLUS Belt Widths			
		No. Teeth	P.D.	No. Teeth	P.D.	20	30	50	85	20	30	50	85
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													
1160	1.00	22	2.206	22	2.206	2.65	4.21	7.28	...	4.41	6.97	12.1	...
1160	1.00	24	2.406	24	2.406	2.89	4.59	7.94	...	4.86	7.68	13.3	...
1160	1.00	26	2.607	26	2.607	3.13	4.97	8.60	...	5.32	8.40	14.6	...
1160	1.00	28	2.807	28	2.807	3.73	5.93	10.30	...	5.78	9.13	15.8	...
1160	1.00	30	3.008	30	3.008	4.07	6.46	11.20	...	6.24	9.86	17.1	...
1160	1.00	32	3.208	32	3.208	4.68	7.45	12.90	...	6.70	10.60	18.4	...
1160	1.00	34	3.409	34	3.409	5.35	8.50	14.70	25.6	7.17	11.30	19.7	34.2
1160	1.00	36	3.609	36	3.609	6.87	10.90	18.90	32.8	7.64	12.10	20.9	36.5
1160	1.00	38	3.810	38	3.810	7.22	11.50	19.80	34.5	8.12	12.80	22.2	38.7
1160	1.00	40	4.010	40	4.010	7.56	12.00	20.80	36.2	8.59	13.60	23.6	41.0
1160	1.00	44	4.411	44	4.411	8.25	13.10	22.70	39.4	9.55	15.10	26.2	45.6
1160	1.00	48	4.812	48	4.812	8.92	14.20	24.50	42.7	10.50	16.60	28.8	50.2
1160	1.00	56	5.614	56	5.614	10.20	16.30	28.10	48.9	12.50	19.70	34.2	59.6
1160	1.00	64	6.416	64	6.416	11.50	18.20	31.60	54.9	14.50	22.80	39.6	69.0
1160	1.00	72	7.218	72	7.218	12.70	20.10	34.80	60.6	16.40	26.00	45.1	78.5
1160	1.00	80	8.020	80	8.020	13.80	21.90	38.00	66.0	18.40	29.20	50.6	88.1
1102	1.05	38	3.810	40	4.010	7.22	11.50	19.80	34.5	8.12	12.80	22.2	38.7
1099	1.06	36	3.609	38	3.810	6.87	10.90	18.90	32.8	7.64	12.10	20.9	36.5
1096	1.06	34	3.409	36	3.609	5.35	8.50	14.70	25.6	7.17	11.30	19.7	34.2
1092	1.06	32	3.208	34	3.409	4.68	7.45	12.90	...	6.70	10.60	18.4	...
1088	1.07	30	3.008	32	3.208	4.07	6.46	11.20	...	6.24	9.86	17.1	...
1083	1.07	28	2.807	30	3.008	3.73	5.93	10.30	...	5.78	9.13	15.8	...
1077	1.08	26	2.607	28	2.807	3.13	4.97	8.60	...	5.32	8.40	14.6	...
1071	1.08	24	2.406	26	2.607	2.89	4.59	7.94	...	4.86	7.68	13.3	...
1063	1.09	22	2.206	24	2.406	2.65	4.21	7.28	...	4.41	6.97	12.1	...
1063	1.09	44	4.411	48	4.812	8.25	13.10	22.70	39.4	9.55	15.10	26.2	45.6
1055	1.10	40	4.010	44	4.411	7.56	12.00	20.80	36.2	8.59	13.60	23.6	41.0
1044	1.11	36	3.609	40	4.010	6.87	10.90	18.90	32.8	7.64	12.10	20.9	36.5
1044	1.11	72	7.218	80	8.020	12.70	20.10	34.80	60.6	16.40	26.00	45.1	78.5
1038	1.12	34	3.409	38	3.810	5.35	8.50	14.70	25.6	7.17	11.30	19.7	34.2
1031	1.13	32	3.208	36	3.609	4.68	7.45	12.90	...	6.70	10.60	18.4	...
1031	1.13	64	6.416	72	7.218	11.50	18.20	31.60	54.9	14.50	22.80	39.6	69.0
1031	1.13	80	8.020	90	9.023	13.80	21.90	38.00	66.0	18.40	29.20	50.6	88.1
1024	1.13	30	3.008	34	3.409	4.07	6.46	11.20	...	6.24	9.86	17.1	...
1015	1.14	28	2.807	32	3.208	3.73	5.93	10.30	...	5.78	9.13	15.8	...
1015	1.14	56	5.614	64	6.416	10.20	16.30	28.10	48.9	12.50	19.70	34.2	59.6
1005	1.15	26	2.607	30	3.008	3.13	4.97	8.60	...	5.32	8.40	14.6	...
1002	1.16	38	3.810	44	4.411	7.22	11.50	19.80	34.5	8.12	12.80	22.2	38.7
994	1.17	24	2.406	28	2.807	2.89	4.59	7.94	...	4.86	7.68	13.3	...
994	1.17	48	4.812	56	5.614	8.92	14.20	24.50	42.7	10.50	16.60	28.8	50.2
986	1.18	34	3.409	40	4.010	5.35	8.50	14.70	25.6	7.17	11.30	19.7	34.2
982	1.18	22	2.206	26	2.607	2.65	4.21	7.28	...	4.41	6.97	12.1	...
977	1.19	32	3.208	38	3.810	4.68	7.45	12.90	...	6.70	10.60	18.4	...
967	1.20	30	3.008	36	3.609	4.07	6.46	11.20	...	6.24	9.86	17.1	...
967	1.20	40	4.010	48	4.812	7.56	12.00	20.80	36.2	8.59	13.60	23.6	41.0
955	1.21	28	2.807	34	3.409	3.73	5.93	10.30	...	5.78	9.13	15.8	...
949	1.22	36	3.609	44	4.411	6.87	10.90	18.90	32.8	7.64	12.10	20.9	36.5
943	1.23	26	2.607	32	3.208	3.13	4.97	8.60	...	5.32	8.40	14.6	...
928	1.25	24	2.406	30	3.008	2.89	4.59	7.94	...	4.86	7.68	13.3	...
928	1.25	32	3.208	40	4.010	4.68	7.45	12.90	...	6.70	10.60	18.4	...
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													

PULLEYS

HTS 8 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1160 RPM Driver							
		Driver		Driven		RPPTM Belt Widths				RPPTM PLUS Belt Widths			
		No. Teeth	P.D.	No. Teeth	P.D.	20	30	50	85	20	30	50	85
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													
928	1.25	64	6.416	80	8.020	11.50	18.20	31.60	54.9	14.50	22.80	39.6	69.0
928	1.25	72	7.218	90	9.023	12.70	20.10	34.80	60.6	16.40	26.00	45.1	78.5
918	1.26	38	3.810	48	4.812	7.22	11.50	19.80	34.5	8.12	12.80	22.2	38.7
916	1.27	30	3.008	38	3.810	4.07	6.46	11.20	...	6.24	9.86	17.1	...
911	1.27	22	2.206	28	2.807	2.65	4.21	7.28	...	4.41	6.97	12.1	...
911	1.27	44	4.411	56	5.614	8.25	13.10	22.70	39.4	9.55	15.10	26.2	45.6
902	1.29	28	2.807	36	3.609	3.73	5.93	10.30	...	5.78	9.13	15.8	...
902	1.29	56	5.614	72	7.218	10.20	16.30	28.10	48.9	12.50	19.70	34.2	59.6
896	1.29	34	3.409	44	4.411	5.35	8.50	14.70	25.6	7.17	11.30	19.7	34.2
887	1.31	26	2.607	34	3.409	3.13	4.97	8.60	...	5.32	8.40	14.6	...
870	1.33	24	2.406	32	3.208	2.89	4.59	7.94	...	4.86	7.68	13.3	...
870	1.33	30	3.008	40	4.010	4.07	6.46	11.20	...	6.24	9.86	17.1	...
870	1.33	36	3.609	48	4.812	6.87	10.90	18.90	32.8	7.64	12.10	20.9	36.5
870	1.33	48	4.812	64	6.416	8.92	14.20	24.50	42.7	10.50	16.60	28.8	50.2
855	1.36	28	2.807	38	3.810	3.73	5.93	10.30	...	5.78	9.13	15.8	...
851	1.36	22	2.206	30	3.008	2.65	4.21	7.28	...	4.41	6.97	12.1	...
844	1.38	32	3.208	44	4.411	4.68	7.45	12.90	...	6.70	10.60	18.4	...
838	1.38	26	2.607	36	3.609	3.13	4.97	8.60	...	5.32	8.40	14.6	...
829	1.40	40	4.010	56	5.614	7.56	12.00	20.80	36.2	8.59	13.60	23.6	41.0
829	1.40	80	8.020	112	11.229	13.80	21.90	38.00	66.0	18.40	29.20	50.6	88.1
825	1.41	64	6.416	90	9.023	11.50	18.20	31.60	54.9	14.50	22.80	39.6	69.0
822	1.41	34	3.409	48	4.812	5.35	8.50	14.70	25.6	7.17	11.30	19.7	34.2
819	1.42	24	2.406	34	3.409	2.89	4.59	7.94	...	4.86	7.68	13.3	...
812	1.43	28	2.807	40	4.010	3.73	5.93	10.30	...	5.78	9.13	15.8	...
812	1.43	56	5.614	80	8.020	10.20	16.30	28.10	48.9	12.50	19.70	34.2	59.6
798	1.45	22	2.206	32	3.208	2.65	4.21	7.28	...	4.41	6.97	12.1	...
798	1.45	44	4.411	64	6.416	8.25	13.10	22.70	39.4	9.55	15.10	26.2	45.6
794	1.46	26	2.607	38	3.810	3.13	4.97	8.60	...	5.32	8.40	14.6	...
791	1.47	30	3.008	44	4.411	4.07	6.46	11.20	...	6.24	9.86	17.1	...
787	1.47	38	3.810	56	5.614	7.22	11.50	19.80	34.5	8.12	12.80	22.2	38.7
773	1.50	24	2.406	36	3.609	2.89	4.59	7.94	...	4.86	7.68	13.3	...
773	1.50	32	3.208	48	4.812	4.68	7.45	12.90	...	6.70	10.60	18.4	...
773	1.50	48	4.812	72	7.218	8.92	14.20	24.50	42.7	10.50	16.60	28.8	50.2
754	1.54	26	2.607	40	4.010	3.13	4.97	8.60	...	5.32	8.40	14.6	...
751	1.55	22	2.206	34	3.409	2.65	4.21	7.28	...	4.41	6.97	12.1	...
746	1.56	36	3.609	56	5.614	6.87	10.90	18.90	32.8	7.64	12.10	20.9	36.5
746	1.56	72	7.218	112	11.229	12.70	20.10	34.80	60.6	16.40	26.00	45.1	78.5
738	1.57	28	2.807	44	4.411	3.73	5.93	10.30	...	5.78	9.13	15.8	...
733	1.58	24	2.406	38	3.810	2.89	4.59	7.94	...	4.86	7.68	13.3	...
725	1.60	30	3.008	48	4.812	4.07	6.46	11.20	...	6.24	9.83	17.1	...
725	1.60	40	4.010	64	6.416	7.56	12.00	20.80	36.2	8.59	13.60	23.4	41.0
722	1.61	56	5.614	90	9.023	10.20	16.30	28.10	48.9	12.50	19.70	34.2	59.6
709	1.64	22	2.206	36	3.609	2.65	4.21	7.28	...	4.41	6.97	12.1	...
709	1.64	44	4.411	72	7.218	8.25	13.10	22.70	39.4	9.55	15.10	26.2	45.6
704	1.65	34	3.409	56	5.614	5.35	8.50	14.70	25.6	7.17	11.30	19.7	34.2
696	1.67	24	2.406	40	4.010	2.89	4.59	7.94	...	4.86	7.68	13.3	...
696	1.67	48	4.812	80	8.020	8.92	14.20	24.50	42.7	10.50	16.60	28.8	50.2
689	1.68	38	3.810	64	6.416	7.22	11.50	19.80	34.5	8.12	12.80	22.2	38.7
685	1.69	26	2.607	44	4.411	3.13	4.97	8.60	...	5.32	8.40	14.6	...
677	1.71	28	2.807	48	4.812	3.73	5.93	10.30	...	5.78	9.13	15.8	...
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													

PULLEYS



HTS 8 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																								
BELT LENGTH CODE DESIGNATION																								
536	560	600	640	720	800	880	960	1040	1120	1200	1224	1280	1440	1600	1760	1800	2000	2400	2600	2800	3048			
.8			.9				1.0					1.1				1.2								
...	...	...	...	...	...	...	...	9.1	10.7	12.3	12.7	13.8	17.0	20.1	23.3	24.1	28.0	35.9	39.8	43.8	48.7
...	...	...	...	...	...	...	...	...	9.3	10.8	11.3	12.4	15.6	18.7	21.9	22.7	26.6	34.5	38.4	42.4	47.2
...	...	...	5.8	7.4	9.0	10.5	12.1	13.7	15.3	16.8	17.3	18.4	21.6	24.7	27.9	28.7	32.6	40.5	44.4	48.3	53.2	
5.2	5.7	6.4	7.2	8.8	10.4	12.0	13.5	15.1	16.7	18.3	18.7	19.8	23.0	26.1	29.3	30.1	34.0	41.9	45.8	49.8	54.6			
6.6	7.1	7.9	8.7	10.2	11.8	13.4	15.0	16.5	18.1	19.7	20.2	21.3	24.4	27.6	30.7	31.5	35.4	43.3	47.2	51.2	56.1			
...	...	...	...	6.3	7.9	9.4	11.0	12.6	14.2	15.7	16.2	17.3	20.5	23.6	26.8	27.6	31.5	39.4	43.3	47.2	52.1
5.5	6.0	6.8	7.6	9.1	10.7	12.3	13.9	15.4	17.0	18.6	19.1	20.2	23.3	26.5	29.6	30.4	34.3	42.2	46.1	50.1	55.0			
...	...	...	...	...	...	7.2	8.8	10.4	11.9	13.5	14.0	15.1	18.3	21.4	24.6	25.3	29.3	37.2	41.1	45.0	49.9
...	4.9	5.6	6.4	8.0	9.6	11.2	12.7	14.3	15.9	17.5	17.9	19.1	22.2	25.4	28.5	29.3	33.2	41.1	45.0	49.0	53.9			
5.8	6.3	7.1	7.9	9.4	11.0	12.6	14.2	15.7	17.3	18.9	19.4	20.5	23.6	26.8	29.9	30.7	34.6	42.5	46.5	50.4	55.3			
6.1	6.6	7.4	8.2	9.8	11.3	12.9	14.5	16.1	17.6	19.2	19.7	20.8	23.9	27.1	30.2	31.0	35.0	42.8	46.8	50.7	55.6			
5.0	5.5	6.3	7.1	8.6	10.2	11.8	13.4	15.0	16.5	18.1	18.6	19.7	22.8	26.0	29.1	29.9	33.9	41.7	45.7	49.6	54.5			
...	...	5.2	6.0	7.5	9.1	10.7	12.3	13.8	15.4	17.0	17.5	18.6	21.7	24.9	28.0	28.8	32.8	40.6	44.6	48.5	53.4			
...	...	...	...	...	6.9	8.5	10.0	11.6	13.2	14.8	15.3	16.4	19.5	22.7	25.8	26.6	30.5	38.4	42.4	46.3	51.2
5.3	5.8	6.6	7.4	9.0	10.5	12.1	13.7	15.3	16.8	18.4	18.9	20.0	23.1	26.3	29.4	30.2	34.2	42.0	46.0	49.9	54.8			
6.4	6.9	7.7	8.5	10.1	11.6	13.2	14.8	16.4	17.9	19.5	20.0	21.1	24.3	27.4	30.6	31.3	35.3	43.1	47.1	51.0	55.9			
...	5.0	5.8	6.6	8.2	9.7	11.3	12.9	14.5	16.1	17.6	18.1	19.2	22.4	25.5	28.7	29.4	33.4	41.3	45.2	49.1	54.0			
5.6	6.1	6.9	7.7	9.3	10.9	12.4	14.0	15.6	17.2	18.7	19.2	20.3	23.5	26.6	29.8	30.5	34.5	42.4	46.3	50.2	55.1			
...	...	...	...	6.6	8.2	9.7	11.3	12.9	14.5	16.0	16.5	17.6	20.8	23.9	27.1	27.9	31.8	39.7	43.6	47.6	52.4
...	...	...	...	...	...	...	...	...	...	...	...	...	13.1	16.3	19.5	20.3	24.2	32.1	36.0	40.0	44.9
...	...	...	...	...	...	...	...	...	9.8	11.4	11.9	13.0	16.2	19.3	22.5	23.3	27.2	35.1	39.0	43.0	47.9
...	...	5.3	6.1	7.7	9.3	10.8	12.4	14.0	15.6	17.2	17.6	18.7	21.9	25.0	28.2	29.0	32.9	40.8	44.7	48.7	53.5			
6.0	6.4	7.2	8.0	9.6	11.2	12.7	14.3	15.9	17.5	19.1	19.5	20.6	23.8	26.9	30.1	30.9	34.8	42.7	46.6	50.6	55.4			
5.2	5.6	6.4	7.2	8.8	10.4	12.0	13.5	15.1	16.7	18.3	18.7	19.8	23.0	26.1	29.3	30.1	34.0	41.9	45.8	49.8	54.6			
...	...	...	...	...	...	...	8.1	9.7	11.3	12.9	13.3	14.4	17.6	20.8	23.9	24.7	28.6	36.5	40.5	44.4	49.3
6.3	6.8	7.5	8.3	9.9	11.5	13.1	14.6	16.2	17.8	19.4	19.8	20.9	24.1	27.2	30.4	31.2	35.1	43.0	46.9	50.9	55.7			
...	...	...	...	...	7.2	8.8	10.3	11.9	13.5	15.1	15.6	16.7	19.8	23.0	26.1	26.9	30.9	38.7	42.7	46.6	51.5
5.5	6.0	6.7	7.5	9.1	10.7	12.3	13.8	15.4	17.0	18.6	19.0	20.2	23.3	26.5	29.6	30.4	34.3	42.2	46.1	50.1	55.0			
4.7	5.1	5.9	6.7	8.3	9.9	11.5	13.1	14.6	16.2	17.8	18.3	19.4	22.5	25.7	28.8	29.6	33.5	41.4	45.4	49.3	54.2			
...	...	...	...	6.7	8.3	9.9	11.5	13.0	14.6	16.2	16.7	17.8	20.9	24.1	27.2	28.0	32.0	39.8	43.8	47.7	52.6
5.8	6.3	7.1	7.9	9.4	11.0	12.6	14.2	15.7	17.3	18.9	19.4	20.5	23.6	26.8	29.9	30.7	34.6	42.5	46.5	50.4	55.3			
...	...	5.5	6.2	7.8	9.4	11.0	12.6	14.2	15.7	17.3	17.8	18.9	22.0	25.2	28.3	29.1	33.1	40.9	44.9	48.8	53.7			
...	...	...	...	...	...	7.8	9.4	11.0	12.5	14.1	14.6	15.7	18.9	22.0	25.2	26.0	29.9	37.8	41.7	45.7	50.5
5.3	5.8	6.6	7.4	8.9	10.5	12.1	13.7	15.3	16.8	18.4	18.9	20.0	23.1	26.3	29.4	30.2	34.2	42.0	46.0	49.9	54.8			
6.1	6.6	7.4	8.2	9.7	11.3	12.9	14.5	16.1	17.6	19.2	19.7	20.8	23.9	27.1	30.2	31.0	35.0	42.8	46.8	50.7	55.6			
...	...	...	...	6.9	8.4	10.0	11.6	13.2	14.8	16.3	16.8	17.9	21.1	24.2	27.4	28.2	32.1	40.0	43.9	47.9	52.7
...	...	...	...	...	...	...	...	...	...	...	...	10.5	13.7	16.9	20.1	20.8	24.8	32.7	36.6	40.6	45.5
4.8	5.3	6.1	6.9	8.5	10.0	11.6	13.2	14.8	16.4	17.9	18.4	19.5	22.7	25.8	29.0	29.8	33.7	41.6	45.5	49.4	54.3			
5.6	6.1	6.9	7.7	9.3	10.8	12.4	14.0	15.6	17.2	18.7	19.2	20.3	23.5	26.6	29.8	30.5	34.5	42.4	46.3	50.2	55.1			
...	4.8	5.6	6.4	8.0	9.6	11.1	12.7	14.3	15.9	17.5	17.9	19.0	22.2	25.3	28.5	29.3	33.2	41.1	45.0	49.0	53.9			
...	...	...	...	...	7.5	9.1	10.6	12.2	13.8	15.4	15.9	17.0	20.1	23.3	26.4	27.2	31.2	39.0	43.0	46.9	51.8
...	...	...	...	...	...	...	...	8.8	10.4	12.0	12.5	13.6	16.8	19.9	23.1	23.9	27.8	35.7	39.7	43.6	48.5
5.9	6.4	7.2	8.0	9.6	11.2	12.7	14.3	15.9	17.5	19.0	19.5	20.6	23.8	26.9	30.1	30.9	34.8	42.7	46.6	50.5	55.4			
...	...	...	...	...	...	8.1	9.7	11.2	12.8	14.4	14.9	16.0	19.2	22.3	25.5	26.3	30.2	38.1	42.0	46.0	50.8
...	...	...	5.4	7.0	8.6	10.2	11.8	13.3	14.9	16.5	17.0	18.1	21.2	24.4	27.5	28.3	32.3	40.1	44.1	48.0	52.9	
5.5	5.9	6.7	7.5	9.1	10.7	12.3	13.8	15.4	17.0	18.6	19.0	20.1	23.3	26.4	29.6	30.4	34.3	42.2	46.1	50.1	55.0			
...	...	...	...	...	...	...	8.7	10.3	11.9	13.4	13.9	15.0	18.2	21.4	24.5	25.3	29.2	37.1	41.1	45.0	49.9
...	...	...	...	6.0	7.6	9.2	10.8	12.4	14.0	15.5	16.0	17.1	20.3	23.4	26.6	27.4	31.3	39.2	43.1	47.1	52.0
5.0	5.4	6.2	7.0	8.6	10.2	11.8	13.4	14.9	16.5	18.1	18.6	19.7	22.8	26.0	29.1	29.9	33.8	41.7	45.7	49.6	54.5			
...	4.9	5.7	6.5	8.1	9.7	11.3	12.9	14.5	16.0	17.6	18.1	19.2	22.3	25.5	28.6	29.4	33.4	41.2	45.2	49.1	54.0			
.8			.9				1.0					1.1				1.2								

HTS 8 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1160 RPM Driver							
		Driver		Driven		RPP™ Belt Widths				RPP™ PLUS Belt Widths			
		No. Teeth	P.D.	No. Teeth	P.D.	20	30	50	85	20	30	50	85
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													
672	1.73	22	2.206	38	3.810	2.65	4.21	7.28	...	4.41	6.97	12.1	...
663	1.75	32	3.208	56	5.614	4.68	7.45	12.90	...	6.70	10.60	18.4	...
663	1.75	64	6.416	112	11.229	11.50	18.20	31.60	54.9	14.50	22.80	39.6	69.0
653	1.78	36	3.609	64	6.416	6.87	10.90	18.90	32.8	7.64	12.10	20.9	36.5
644	1.80	40	4.010	72	7.218	7.56	12.00	20.80	36.2	8.59	13.60	23.6	41.0
644	1.80	80	8.020	144	14.437	13.80	21.90	38.00	66.0	18.40	29.20	50.6	88.1
638	1.82	22	2.206	40	4.010	2.65	4.21	7.28	...	4.41	6.97	12.1	...
638	1.82	44	4.411	80	8.020	8.25	13.10	22.70	39.4	9.55	15.10	26.2	45.6
633	1.83	24	2.406	44	4.411	2.89	4.59	7.94	...	4.86	7.68	13.3	...
628	1.85	26	2.607	48	4.812	3.13	4.97	8.60	...	5.32	8.40	14.6	...
621	1.87	30	3.008	56	5.614	4.07	6.46	11.20	...	6.24	9.86	17.1	...
619	1.88	48	4.812	90	9.023	8.92	14.20	24.50	42.7	10.50	16.60	28.8	50.2
616	1.88	34	3.409	64	6.416	5.35	8.50	14.70	25.6	7.17	11.30	19.7	34.2
612	1.89	38	3.810	72	7.218	7.22	11.50	19.80	34.5	8.12	12.80	22.2	38.7
580	2.00	22	2.206	44	4.411	2.65	4.21	7.28	...	4.41	6.97	12.1	...
580	2.00	24	2.406	48	4.812	2.89	4.59	7.94	...	4.86	7.68	13.3	...
580	2.00	28	2.807	56	5.614	3.73	5.93	10.30	...	5.78	9.13	15.8	...
580	2.00	32	3.208	64	6.416	4.68	7.45	12.90	...	6.70	10.60	18.4	...
580	2.00	36	3.609	72	7.218	6.87	10.90	18.90	32.8	7.64	12.10	20.9	36.5
580	2.00	40	4.010	80	8.020	7.56	12.00	20.80	36.2	8.59	13.60	23.6	41.0
580	2.00	56	5.614	112	11.229	10.20	16.30	28.10	48.9	12.50	19.70	34.2	59.6
580	2.00	72	7.218	144	14.437	12.70	20.10	34.80	60.6	16.40	26.00	45.1	78.5
567	2.05	44	4.411	90	9.023	8.25	13.10	22.70	39.4	9.55	15.10	26.2	45.6
551	2.11	38	3.810	80	8.020	7.22	11.50	19.80	34.5	8.12	12.80	22.2	38.7
548	2.12	34	3.409	72	7.218	5.35	8.50	14.70	25.6	7.17	11.30	19.7	34.2
544	2.13	30	3.008	64	6.416	4.07	6.46	11.20	...	6.24	9.86	17.1	...
539	2.15	26	2.607	56	5.614	3.13	4.97	8.60	...	5.32	8.40	14.6	...
532	2.18	22	2.206	48	4.812	2.65	4.21	7.28	...	4.41	6.97	12.1	...
522	2.22	36	3.609	80	8.020	6.87	10.90	18.90	32.8	7.64	12.10	20.9	36.5
516	2.25	32	3.208	72	7.218	4.68	7.45	12.90	...	6.70	10.60	18.4	...
516	2.25	40	4.010	90	9.023	7.56	12.00	20.80	36.2	8.59	13.60	23.6	41.0
516	2.25	64	6.416	144	14.437	11.50	18.20	31.60	54.9	14.50	22.80	39.6	69.0
508	2.29	28	2.807	64	6.416	3.73	5.93	10.30	...	5.78	9.13	15.8	...
497	2.33	24	2.406	56	5.614	2.89	4.59	7.94	...	4.86	7.68	13.3	...
497	2.33	48	4.812	112	11.229	8.92	14.20	24.50	42.7	10.50	16.60	28.8	50.2
493	2.35	34	3.409	80	8.020	5.35	8.50	14.70	25.6	7.17	11.30	19.7	34.2
490	2.37	38	3.810	90	9.023	7.22	11.50	19.80	34.5	8.12	12.80	22.2	38.7
483	2.40	30	3.008	72	7.218	4.07	6.46	11.20	...	6.24	9.86	17.1	...
483	2.40	80	8.020	192	19.249	13.80	21.90	38.00	66.0	18.40	29.20	50.6	88.1
471	2.46	26	2.607	64	6.416	3.13	4.97	8.60	...	5.32	8.40	14.6	...
464	2.50	32	3.208	80	8.020	4.68	7.45	12.90	...	6.70	10.60	18.4	...
464	2.50	36	3.609	90	9.023	6.87	10.90	18.90	32.8	7.64	12.10	20.9	36.5
456	2.55	22	2.206	56	5.614	2.65	4.21	7.28	...	4.41	6.97	12.1	...
456	2.55	44	4.411	112	11.229	8.25	13.10	22.70	39.4	9.55	15.10	26.2	45.6
451	2.57	28	2.807	72	7.218	3.73	5.93	10.30	...	5.78	9.13	15.8	...
451	2.57	56	5.614	144	14.437	10.20	16.30	28.10	48.9	12.50	19.70	34.2	59.6
438	2.65	34	3.409	90	9.023	5.35	8.50	14.70	25.6	7.17	11.30	19.7	34.2
435	2.67	24	2.406	64	6.416	2.89	4.59	7.94	...	4.86	7.68	13.3	...
435	2.67	30	3.008	80	8.020	4.07	6.46	11.20	...	6.24	9.86	17.1	...
435	2.67	72	7.218	192	19.249	12.7	20.10	34.80	60.6	16.40	26.00	45.1	78.5
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													

PULLEYS



HTS 8 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																						
BELT LENGTH CODE DESIGNATION																						
560	600	640	720	800	880	960	1040	1120	1200	1224	1280	1440	1600	1760	1800	2000	2400	2600	2800	3048	3280	
.8		.9				1.0					1.1				1.2							
6.2	7.0	7.8	9.4	11.0	12.6	14.2	15.7	17.3	18.9	19.4	20.5	23.6	26.8	29.9	30.7	34.6	42.5	46.5	50.4	55.3	59.8	
...	...	5.5	7.1	8.7	10.3	11.9	13.5	15.1	16.6	17.1	18.2	21.4	24.5	27.7	28.5	32.4	40.3	44.2	48.2	53.1	57.6	
...	...	...	...	...	...	...	...	...	...	...	11.1	14.3	17.5	20.6	21.4	25.4	33.3	37.2	41.2	46.1	50.7
...	...	...	6.1	7.7	9.3	10.9	12.5	14.1	15.7	16.2	17.3	20.4	23.6	26.7	27.5	31.5	39.3	43.3	47.2	52.1	56.7
...	...	...	...	6.7	8.3	9.9	11.5	13.1	14.7	15.2	16.3	19.5	22.6	25.8	26.6	30.5	38.4	42.3	46.3	51.2	55.7
...	...	...	...	...	...	...	...	...	...	...	...	...	13.5	16.7	17.5	21.5	29.4	33.4	37.3	42.2	46.8
6.1	6.9	7.7	9.2	10.8	12.4	14.0	15.6	17.1	18.7	19.2	20.3	23.4	26.6	29.8	30.5	34.5	42.4	46.3	50.2	55.1	59.7	
...	...	...	...	...	7.3	8.9	10.5	12.1	13.7	14.2	15.3	18.5	21.7	24.8	25.6	29.6	37.4	41.4	45.3	50.2	54.8
5.6	6.4	7.2	8.8	10.3	11.9	13.5	15.1	16.7	18.2	18.7	19.8	23.0	26.1	29.3	30.1	34.0	41.9	45.8	49.8	54.6	59.2	
5.1	5.9	6.7	8.3	9.9	11.4	13.0	14.6	16.2	17.8	18.2	19.3	22.5	25.6	28.8	29.6	33.5	41.4	45.3	49.3	54.2	58.7	
...	...	5.7	7.3	8.9	10.5	12.1	13.6	15.2	16.8	17.3	18.4	21.5	24.7	27.8	28.6	32.6	40.5	44.4	48.3	53.2	57.8	
...	...	...	...	...	...	7.7	9.4	11.0	12.6	13.1	14.2	17.3	20.5	23.7	24.5	28.4	36.3	40.3	44.2	49.1	53.7
...	...	...	6.3	7.9	9.5	11.1	12.7	14.2	15.8	16.3	17.4	20.6	23.7	26.9	27.7	31.6	39.5	43.4	47.4	52.3	56.8
...	...	...	...	6.9	8.5	10.1	11.7	13.3	14.9	15.3	16.4	19.6	22.8	25.9	26.7	30.7	38.5	42.5	46.4	51.3	55.9
5.7	6.5	7.3	8.9	10.5	12.1	13.7	15.2	16.8	18.4	18.9	20.0	23.1	26.3	29.4	30.2	34.2	42.0	46.0	49.9	54.8	59.4	
5.2	6.0	6.8	8.4	10.0	11.6	13.2	14.8	16.3	17.9	18.4	19.5	22.6	25.8	29.0	29.7	33.7	41.6	45.5	49.4	54.3	58.9	
...	5.0	5.8	7.4	9.0	10.6	12.2	13.8	15.4	16.9	17.4	18.5	21.7	24.8	28.0	28.8	32.7	40.6	44.5	48.5	53.4	57.9	
...	...	...	6.4	8.0	9.6	11.2	12.8	14.4	16.0	16.5	17.6	20.7	23.9	27.0	27.8	31.8	39.7	43.6	47.5	52.4	57.0
...	...	...	...	7.0	8.6	10.2	11.8	13.4	15.0	15.5	16.6	19.8	22.9	26.1	26.9	30.8	38.7	42.6	46.6	51.5	56.0
...	...	...	...	...	7.6	9.2	10.8	12.4	14.0	14.5	15.6	18.8	22.0	25.1	25.9	29.9	37.7	41.7	45.6	50.5	55.1
...	...	...	...	...	...	...	...	...	10.0	10.5	11.6	14.8	18.0	21.2	22.0	26.0	33.9	37.8	41.8	46.7	51.3
...	...	...	...	...	...	...	...	...	...	...	...	...	14.0	17.2	18.0	22.1	30.0	34.0	37.9	42.8	47.4
...	...	...	...	...	...	8.0	9.6	11.2	12.9	13.3	14.5	17.6	20.8	24.0	24.8	28.7	36.6	40.6	44.5	49.4	54.0
...	...	...	...	...	7.7	9.4	11.0	12.6	14.2	14.6	15.8	18.9	22.1	25.3	26.1	30.0	37.9	41.8	45.8	50.7	55.2
...	...	...	...	7.1	8.8	10.4	12.0	13.6	15.2	15.6	16.7	19.9	23.1	26.2	27.0	31.0	38.9	42.8	46.7	51.6	56.2
...	...	...	6.5	8.2	9.8	11.4	13.0	14.5	16.1	16.6	17.7	20.9	24.0	27.2	28.0	31.9	39.8	43.7	47.7	52.6	57.1
...	5.1	5.9	7.6	9.2	10.8	12.3	13.9	15.5	17.1	17.6	18.7	21.8	25.0	28.1	28.9	32.9	40.8	44.7	48.6	53.5	58.1	
5.3	6.2	7.0	8.6	10.1	11.7	13.3	14.9	16.5	18.1	18.5	19.6	22.8	26.0	29.1	29.9	33.8	41.7	45.7	49.6	54.5	59.0	
...	...	...	...	...	7.9	9.5	11.1	12.7	14.3	14.8	15.9	19.1	22.2	25.4	26.2	30.2	38.0	42.0	45.9	50.8	55.4
...	...	...	...	7.3	8.9	10.5	12.1	13.7	15.3	15.8	16.9	20.1	23.2	26.4	27.2	31.1	39.0	42.9	46.9	51.8	56.3
...	...	...	...	...	...	8.3	9.9	11.5	13.1	13.6	14.7	17.9	21.1	24.3	25.1	29.0	36.9	40.9	44.8	49.7	54.3
...	...	...	...	...	...	...	...	...	...	...	...	11.2	14.5	17.8	18.6	22.6	30.6	34.6	38.5	43.4	48.0
...	...	...	6.7	8.3	9.9	11.5	13.1	14.7	16.3	16.7	17.9	21.0	24.2	27.3	28.1	32.1	40.0	43.9	47.8	52.7	57.3
...	5.3	6.1	7.7	9.3	10.9	12.5	14.1	15.7	17.2	17.7	18.8	22.0	25.1	28.3	29.1	33.0	40.9	44.9	48.8	53.7	58.2	
...	...	...	...	...	...	...	...	8.9	10.5	11.0	12.2	15.4	18.6	21.8	22.6	26.6	34.5	38.4	42.4	47.3	51.9
...	...	...	...	8.0	9.6	11.2	12.9	14.5	14.9	15.4	16.0	19.2	22.4	25.6	26.4	30.3	38.2	42.1	46.1	51.0	55.5
...	...	...	...	...	...	8.4	10.0	11.7	13.3	13.8	14.9	18.1	21.2	24.4	25.2	29.2	37.1	41.0	45.0	49.9	54.4
...	...	...	...	7.4	9.0	10.6	12.3	13.8	15.4	15.9	17.0	20.2	23.4	26.5	27.3	31.3	39.2	43.1	47.0	51.9	56.5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17.0	25.2	29.2	33.2	38.1	42.8
...	...	...	6.8	8.4	10.0	11.6	13.2	14.8	16.4	16.9	18.0	21.2	24.3	27.5	28.3	32.2	40.1	44.1	48.0	52.9	57.4
...	...	...	...	6.5	8.1	9.8	11.4	13.0	14.6	15.1	16.2	19.4	22.5	25.7	26.5	30.5	38.3	42.3	46.2	51.1	55.7
...	...	...	...	...	...	8.5	10.2	11.8	13.4	13.9	15.0	18.2	21.4	24.6	25.4	29.3	37.2	41.2	45.1	50.0	54.6
...	5.4	6.2	7.8	9.4	11.0	12.6	14.2	15.8	17.4	17.9	19.0	22.1	25.3	28.5	29.2	33.2	41.1	45.0	48.9	53.8	58.4	
...	...	...	...	...	...	...	...	9.1	10.8	11.3	12.4	15.7	18.9	22.1	22.9	26.9	34.8	38.7	42.7	47.6	52.2
...	...	...	5.9	7.5	9.2	10.8	12.4	14.0	15.6	16.1	17.2	20.3	23.5	26.7	27.5	31.4	39.3	43.2	47.2	52.1	56.7
...	...	...	...	...	7.0	8.7	10.3	11.9	13.6	14.0	15.2	18.4	21.5	24.7	19.2	23.2	31.2	35.1	39.1	44.0	48.6
...	...	...	...	...	10.2	11.8	13.4	15.0	16.6	17.0	18.2	21.3	24.5	27.6	25.5	29.5	37.4	41.3	45.3	50.2	54.7
...	...	5.3	6.9	8.6	8.3	9.9	11.5	13.1	14.7	15.2	16.3	19.5	22.7	25.9	28.4	32.4	40.3	44.2	48.1	53.0	57.6	
...	...	...	...	6.6	...	...	...	...	...	...	...	...	...	...	26.6	30.6	38.5	42.4	46.4	51.3	55.8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17.5	25.7	29.8	33.8	38.7	43.3
.8	.9	1.0					1.1				1.2											

PULLEYS

HTS 8 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1160 RPM Driver							
		Driver		Driven		RPP™ Belt Widths				RPP™ PLUS Belt Widths			
		No. Teeth	P.D.	No. Teeth	P.D.	20	30	50	85	20	30	50	85
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													
419	2.77	26	2.607	72	7.218	3.13	4.97	8.60	...	5.32	8.40	14.6	...
414	2.80	40	4.010	112	11.229	7.56	12.00	20.80	36.2	8.59	13.60	23.6	41.0
412	2.81	32	3.208	90	9.023	4.68	7.45	12.90	...	6.70	10.60	18.4	...
406	2.86	28	2.807	80	8.020	3.73	5.93	10.30	...	5.78	9.13	15.8	...
399	2.91	22	2.206	64	6.416	2.65	4.21	7.28	...	4.41	6.97	12.1	...
394	2.95	38	3.810	112	11.229	7.22	11.5	19.80	34.5	8.12	12.80	22.2	38.7
387	3.00	24	2.406	72	7.218	2.89	4.59	7.94	...	4.86	7.68	13.3	...
387	3.00	30	3.008	90	9.023	4.07	6.46	11.20	...	6.24	9.86	17.1	...
387	3.00	48	4.812	144	14.437	8.92	14.20	24.50	42.7	10.50	16.60	28.8	50.2
387	3.00	64	6.416	192	19.249	11.50	18.20	31.60	54.9	14.50	22.8	39.6	69.0
377	3.08	26	2.607	80	8.020	3.13	4.97	8.60	...	5.32	8.40	14.6	...
373	3.11	36	3.609	112	11.229	6.87	10.90	18.90	32.8	7.64	12.10	20.9	36.5
361	3.21	28	2.807	90	9.023	3.73	5.93	10.30	...	5.78	9.13	15.8	...
354	3.27	22	2.206	72	7.218	2.65	4.21	7.28	...	4.41	6.97	12.1	...
354	3.27	44	4.411	144	14.437	8.25	13.10	22.70	39.4	9.55	15.10	26.2	45.6
352	3.29	34	3.409	112	11.229	5.35	8.50	14.70	25.6	7.17	11.30	19.7	34.2
348	3.33	24	2.406	80	8.020	2.89	4.59	7.94	...	4.86	7.68	13.3	...
338	3.43	56	5.614	192	19.249	10.20	16.30	28.10	48.9	12.50	19.70	34.2	59.6
335	3.46	26	2.607	90	9.023	3.13	4.97	8.60	...	5.32	8.40	14.6	...
331	3.50	32	3.208	112	11.229	4.68	7.45	12.90	...	6.70	10.60	18.4	...
322	3.60	40	4.010	144	14.437	7.56	12.00	20.80	36.2	8.59	13.60	23.6	41.0
319	3.64	22	2.206	80	8.020	2.65	4.21	7.28	...	4.41	6.97	12.1	...
311	3.73	30	3.008	112	11.229	4.07	6.46	11.20	...	6.24	9.86	17.1	...
309	3.75	24	2.406	90	9.023	2.89	4.59	7.94	...	4.86	7.68	13.3	...
306	3.79	38	3.810	144	14.437	7.22	11.50	19.80	34.5	8.12	12.8	22.2	38.7
290	4.00	28	2.807	112	11.229	3.73	5.93	10.30	...	5.78	9.13	15.8	...
290	4.00	36	3.609	144	14.437	6.87	10.90	18.90	32.8	7.64	12.10	20.9	36.5
290	4.00	48	4.812	192	19.249	8.92	14.20	24.5	42.7	10.50	16.60	28.8	50.2
284	4.09	22	2.206	90	9.023	2.65	4.21	7.28	...	4.41	6.97	12.1	...
274	4.24	34	3.409	144	14.437	5.35	8.50	14.70	25.6	7.17	11.30	19.7	34.2
269	4.31	26	2.607	112	11.229	3.13	4.97	8.60	...	5.32	8.40	14.6	...
266	4.36	44	4.411	192	19.249	8.25	13.10	22.70	39.4	9.55	15.10	26.2	45.6
258	4.50	32	3.208	144	14.437	4.68	7.45	12.90	...	6.70	10.60	18.4	...
249	4.67	24	2.406	112	11.229	2.89	4.59	7.94	...	4.86	7.68	13.3	...
242	4.80	30	3.008	144	14.437	4.07	6.46	11.20	...	6.24	9.86	17.1	...
242	4.80	40	4.010	192	19.249	7.56	12.00	20.80	36.2	8.59	13.60	23.6	41.0
230	5.05	38	3.810	192	19.249	7.22	11.50	19.80	34.5	8.12	12.80	22.2	38.7
228	5.09	22	2.206	112	11.229	2.65	4.21	7.28	...	4.41	6.97	12.1	...
226	5.14	28	2.807	144	14.437	3.73	5.93	10.30	...	5.78	9.13	15.8	...
218	5.33	36	3.609	192	19.249	6.87	10.90	18.90	32.8	7.64	12.10	20.9	36.5
209	5.54	26	2.607	144	14.437	3.13	4.97	8.60	...	5.32	8.40	14.6	...
205	5.65	34	3.409	192	19.249	5.35	8.50	14.70	25.6	7.17	11.30	19.7	34.2
193	6.00	24	2.406	144	14.437	2.89	4.59	7.94	...	4.86	7.68	13.3	...
193	6.00	32	3.208	192	19.249	4.68	7.45	12.90	...	6.70	10.60	18.4	...
181	6.40	30	3.008	192	19.249	4.07	6.46	11.20	...	6.24	9.86	17.1	...
177	6.55	22	2.206	144	14.437	2.65	4.21	7.28	...	4.41	6.97	12.1	...
169	6.86	28	2.807	192	19.249	3.73	5.93	10.30	...	5.78	9.13	15.8	...
157	7.38	26	2.607	192	19.249	3.13	4.97	8.60	...	5.32	8.40	14.6	...
145	8.00	24	2.406	192	19.249	2.89	4.59	7.94	...	4.86	7.68	13.3	...
133	8.73	22	2.206	192	19.249	2.65	4.21	7.28	...	4.41	6.97	12.1	...
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →													

PULLEYS



HTS 8 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																					
BELT LENGTH CODE DESIGNATION																					
720	800	880	960	1040	1120	1200	1224	1280	1440	1600	1760	1800	2000	2400	2600	2800	3048	3280	3600	4400	
.9			1.0					1.1				1.2									
60	7.7	9.3	10.9	12.5	14.1	15.7	16.2	17.3	20.5	23.7	26.8	27.6	31.6	39.5	43.4	47.3	52.2	56.8	63.1	78.9	
...	9.4	11.1	11.5	12.7	16.0	19.2	22.4	23.2	27.1	35.1	39.0	43.0	47.9	52.5	58.8	74.6	
...	...	7.1	8.8	10.4	12.1	13.7	14.2	15.3	18.5	21.7	24.9	25.7	29.6	37.5	41.5	45.4	50.3	54.9	61.2	77.0	
...	6.7	8.4	10.0	11.7	13.3	14.9	15.4	16.5	19.7	22.8	26.0	26.8	30.8	38.6	42.6	46.5	51.4	56.0	62.3	78.1	
7.1	8.7	10.3	11.9	13.5	15.1	16.7	17.2	18.3	21.5	24.6	27.8	28.6	32.5	40.4	44.4	48.3	53.2	57.8	64.1	79.8	
...	9.5	11.2	11.7	12.8	16.1	19.3	22.5	23.3	27.3	35.2	39.2	43.1	48.0	52.6	58.9	74.7	
6.1	7.8	9.4	11.1	12.7	14.3	15.9	16.3	17.5	20.6	23.8	27.0	27.8	31.7	39.6	43.6	47.5	52.4	57.0	63.3	79.0	
...	...	7.3	8.9	10.6	12.2	13.8	14.3	15.4	18.6	21.8	25.0	25.8	29.8	37.7	41.6	45.6	50.5	55.0	61.3	77.1	
...	12.3	15.6	18.9	19.7	23.7	31.7	35.7	39.7	44.6	49.2	55.5	71.3	
...	13.8	18.1	26.3	30.3	34.3	39.3	43.9	50.3	66.1	
...	6.9	8.5	10.2	11.8	13.4	15.0	15.5	16.6	19.8	23.0	26.2	26.9	30.9	38.8	42.7	46.7	51.6	56.2	62.5	78.2	
...	9.6	11.3	11.8	13.0	16.2	19.4	22.7	23.5	27.4	35.4	39.3	43.3	48.2	52.8	59.1	74.9	
...	...	7.4	9.1	10.7	12.3	14.0	14.5	15.6	18.8	22.0	25.2	25.9	29.9	37.8	41.8	45.7	50.6	55.2	61.5	77.3	
6.3	7.9	9.6	11.2	12.8	14.4	16.0	16.5	17.6	20.8	24.0	27.1	27.9	31.9	39.8	43.7	47.6	52.5	57.1	63.4	79.2	
...	12.5	15.9	19.2	20.0	24.0	32.0	36.0	40.0	44.9	49.5	55.8	71.6	
...	9.8	11.4	11.9	13.1	16.4	19.6	22.8	23.6	27.6	35.5	39.5	43.4	48.3	52.9	59.2	75.0	
...	7.0	8.7	10.3	11.9	13.6	15.2	15.6	16.8	19.9	23.1	26.3	27.1	31.0	38.9	42.9	46.8	51.7	56.3	62.6	78.4	
...	13.5	14.3	18.6	26.8	30.9	34.9	39.9	44.5	50.9	66.7	
...	...	7.5	9.2	10.8	12.5	14.1	14.6	15.7	18.9	22.1	25.3	26.1	30.1	38.0	41.9	45.9	50.8	55.3	61.6	77.4	
...	8.2	9.9	11.6	12.1	13.2	16.5	19.7	22.9	23.7	27.7	35.7	39.6	43.6	48.5	53.1	59.4	75.2	
...	12.8	16.1	19.4	20.2	24.3	32.3	36.3	40.3	45.2	49.8	56.1	71.9	
...	7.1	8.8	10.4	12.1	13.7	15.3	15.8	16.9	20.1	23.3	26.4	27.2	31.2	39.1	43.0	47.0	51.9	56.5	62.8	78.5	
...	8.3	10.0	11.7	12.2	13.4	16.6	19.9	23.1	23.9	27.9	35.8	39.8	43.7	48.6	53.2	59.5	75.3	
...	...	7.6	9.3	11.0	12.6	14.2	14.7	15.9	19.1	22.3	25.4	26.2	30.2	38.1	42.1	46.0	50.9	55.5	61.8	77.6	
...	12.9	16.3	19.6	20.4	24.4	32.5	36.4	40.4	45.3	49.9	56.3	72.1	
...	8.4	10.2	11.8	12.3	13.5	16.8	20.0	23.2	24.0	28.0	36.0	39.9	43.9	48.8	53.4	59.7	75.5	
...	13.1	16.4	19.7	20.5	24.6	32.6	36.6	40.6	45.5	50.1	56.4	72.2	
...	14.0	14.8	19.1	27.4	31.4	35.4	40.4	45.1	51.4	67.3	
...	...	7.8	9.5	11.1	12.8	14.4	14.9	16.0	19.2	22.4	25.6	26.4	30.3	38.3	42.2	46.2	51.1	55.6	61.9	77.7	
...	9.7	13.2	16.5	19.8	20.7	24.7	32.7	36.7	40.7	45.6	50.2	56.6	72.4	
...	8.6	10.3	12.0	12.5	13.6	16.9	20.1	23.4	24.2	28.2	36.1	40.1	44.0	48.9	53.5	59.8	75.6	
...	14.2	15.1	19.4	27.6	31.7	35.7	40.7	45.3	51.7	67.6	
...	9.8	13.3	16.7	20.0	20.8	24.8	32.9	36.9	40.9	45.8	50.4	56.7	72.5	
...	8.7	10.4	12.1	12.6	13.8	17.0	20.3	23.5	24.3	28.3	36.3	40.2	44.2	49.1	53.7	60.0	75.8	
...	10.0	13.4	16.8	20.1	20.9	25.0	33.0	37.0	41.0	45.9	50.5	56.9	72.7	
...	14.5	15.3	19.6	27.9	32.0	36.0	41.0	45.6	52.0	67.9	
...	14.6	15.5	19.7	28.0	32.1	36.1	41.1	45.8	52.1	68.0	
...	8.8	10.5	12.2	12.7	13.9	17.2	20.4	23.6	24.4	28.4	36.4	40.4	44.3	49.2	53.8	60.1	75.9	
...	10.1	13.6	16.9	20.2	21.1	25.1	33.2	37.2	41.1	46.1	50.7	57.0	72.8	
...	14.7	15.6	19.9	28.2	32.2	36.3	41.3	45.9	52.3	68.2	
...	10.2	13.7	17.1	20.4	21.2	25.3	33.3	37.3	41.3	46.2	50.8	57.2	73.0	
...	14.8	15.7	20.0	28.3	32.4	36.4	41.4	46.0	52.4	68.3	
...	10.3	13.8	17.2	20.5	21.3	25.4	33.4	37.4	41.4	46.4	51.0	57.3	73.1	
...	15.0	15.8	20.1	28.4	32.5	36.6	41.5	46.2	52.6	68.5	
...	15.1	16.0	20.3	28.6	32.6	36.7	41.7	46.3	52.7	68.6	
...	9.2	...	10.5	13.9	17.3	20.6	21.5	25.5	33.6	37.6	41.6	46.5	51.1	57.4	73.3	
...	15.2	16.1	20.4	28.7	32.8	36.8	41.8	46.5	52.9	68.8	
...	11.7	15.3	16.2	20.5	28.8	32.9	37.0	42.0	46.6	53.0	68.9	
...	11.8	15.5	16.3	20.6	29.0	33.1	37.1	42.1	46.8	53.1	69.1	
...	12.0	15.6	16.5	20.8	29.1	33.2	37.2	42.2	46.9	53.3	69.2	
.9			1.0					1.1				1.2									

PULLEYS

HTS 14 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1750 RPM Driver									
		Driver		Driven		RPP™ Belt Widths					RPP™ PLUS Belt Widths				
		No. Teeth	P.D.	No. Teeth	P.D.	40	55	85	115	170	40	55	85	115	170
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															
1750	1.00	28	4.912	28	4.912	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
1750	1.00	29	5.088	29	5.088	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
1750	1.00	30	5.263	30	5.263	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
1750	1.00	32	5.614	32	5.614	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
1750	1.00	34	5.965	34	5.965	33.0	48.2	78.7	109.0	...	48.4	71.0	116.0	161	...
1750	1.00	36	6.316	36	6.316	36.9	53.9	88.0	122.0	...	51.6	75.7	124.0	172	...
1750	1.00	38	6.667	38	6.667	39.8	58.1	94.8	132.0	...	54.8	80.4	131.0	182	...
1750	1.00	40	7.018	40	7.018	41.3	60.4	98.6	137.0	207	58.1	85.1	139.0	193	292
1750	1.00	44	7.720	44	7.720	44.3	64.8	106.0	147.0	222	64.4	94.5	155.0	215	325
1750	1.00	48	8.421	48	8.421	47.0	68.7	112.0	156.0	235	70.8	104.0	170.0	236	357
1750	1.00	52	9.123	52	9.123	49.4	72.2	118.0	163.0	247	77.1	113.0	185.0	257	389
1750	1.00	56	9.825	56	9.825	51.5	75.3	123.0	170.0	258	83.3	122.0	200.0	278	421
1750	1.00	60	10.527	60	10.527	53.3	77.9	127.0	176.0	266	89.3	131.0	215.0	299	453
1750	1.00	64	11.229	64	11.229	54.7	80.0	130.0	181.0	273	95.3	140.0	230.0	320	484
1750	1.00	68	11.930	68	11.930	55.8	81.5	133.0	184.0	279	101.0	149.0	244.0	340	515
1750	1.00	72	12.632	72	12.632	56.4	82.5	135.0	187.0	282	107.0	157.0	258.0	359	544
1750	1.00	80	14.036	80	14.036	56.6	82.8	135.0	187.0	283	117.0	173.0	285.0	397	602
1692	1.03	29	5.088	30	5.263	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
1690	1.04	28	4.912	29	5.088	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
1663	1.05	38	6.667	40	7.018	39.8	58.1	94.8	132.0	...	54.8	80.4	131.0	182	...
1658	1.06	36	6.316	38	6.667	36.9	53.9	88.0	122.0	...	51.6	75.7	124.0	172	...
1653	1.06	34	5.965	36	6.316	33.0	48.2	78.7	109.0	...	48.4	71.0	116.0	161	...
1653	1.06	68	11.930	72	12.632	55.8	81.5	133.0	184.0	279	101.0	149.0	244.0	340	515
1647	1.06	32	5.614	34	5.965	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
1647	1.06	64	11.229	68	11.930	54.7	80.0	130.0	181.0	273	95.3	140.0	230.0	320	484
1641	1.07	30	5.263	32	5.614	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
1641	1.07	60	10.527	64	11.229	53.3	77.9	127.0	176.0	266	89.3	131.0	215.0	299	453
1633	1.07	28	4.912	30	5.263	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
1633	1.07	56	9.825	60	10.527	51.5	75.3	123.0	170.0	258	83.3	122.0	200.0	278	421
1625	1.08	52	9.123	56	9.825	49.4	72.2	118.0	163.0	247	77.1	113.0	185.0	257	389
1615	1.08	48	8.421	52	9.123	47.0	68.7	112.0	156.0	235	70.8	104.0	170.0	236	357
1604	1.09	44	7.720	48	8.421	44.3	64.8	106.0	147.0	222	64.4	94.5	155.0	215	325
1591	1.10	40	7.018	44	7.720	41.3	60.4	98.6	137.0	207	58.1	85.1	139.0	193	292
1586	1.10	29	5.088	32	5.614	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
1575	1.11	36	6.316	40	7.018	36.9	53.9	88.0	122.0	...	51.6	75.7	124.0	172	...
1575	1.11	72	12.632	80	14.036	56.4	82.5	135.0	187.0	282	107.0	157.0	258.0	359	544
1566	1.12	34	5.965	38	6.667	33.0	48.2	78.7	109.0	...	48.4	71.0	116.0	161	...
1556	1.13	32	5.614	36	6.316	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
1556	1.13	64	11.229	72	12.632	54.7	80.0	130.0	181.0	273	95.3	140.0	230.0	320	484
1556	1.13	80	14.036	90	15.790	56.6	82.8	135.0	187.0	283	117.0	173.0	285.0	397	602
1544	1.13	30	5.263	34	5.965	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
1544	1.13	60	10.527	68	11.930	53.3	77.9	127.0	176.0	266	89.3	131.0	215.0	299	453
1531	1.14	28	4.912	32	5.614	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
1531	1.14	56	9.825	64	11.229	51.5	75.3	123.0	170.0	258	83.3	122.0	200.0	278	421
1517	1.15	52	9.123	60	10.527	49.4	72.2	118.0	163.0	247	77.1	113.0	185.0	257	389
1511	1.16	38	6.667	44	7.720	39.8	58.1	94.8	132.0	...	54.8	80.4	131.0	182	...
1500	1.17	48	8.421	56	9.825	47.0	68.7	112.0	156.0	235	70.8	104.0	170.0	236	357
1493	1.17	29	5.088	34	5.965	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
1488	1.18	34	5.965	40	7.018	33.0	48.2	78.7	109.0	...	48.4	71.0	116.0	161	...
1488	1.18	68	11.930	80	14.036	55.8	81.5	133.0	184.0	279	101.0	149.0	244.0	340	515
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															



HTS 14 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																					
BELT LENGTH CODE DESIGNATION																					
966	1190	1400	1610	1778	1890	2100	2310	2450	2590	2800	3150	3360	3500	3850	4326	4578	4956	5320*	5740*	6160*	6860*
.8		.9		.95		1.0			1.05			1.1						.9			
11.3	15.7	19.8	24.0	27.3	29.5	33.6	37.8	40.5	43.3	47.4	54.3	58.4	61.2	68.1	77.4	82.4	89.8	97.0	105.3	113.5	127.3
11.0	15.4	19.6	23.7	27.0	29.2	33.4	37.5	40.2	43.0	47.1	54.0	58.2	60.9	67.8	77.2	82.1	89.6	96.7	105.0	113.3	127.1
10.8	15.2	19.3	23.4	26.7	28.9	33.1	37.2	40.0	42.7	46.9	53.7	57.9	60.6	67.5	76.9	81.9	89.3	96.5	104.7	113.0	126.8
10.2	14.6	18.7	22.9	26.2	28.4	32.5	36.7	39.4	42.2	46.3	53.2	57.3	60.1	67.0	76.3	81.3	88.7	95.9	104.2	112.4	126.2
9.7	14.1	18.2	22.3	25.6	27.8	32.0	36.1	38.9	41.6	45.8	52.6	56.8	59.5	66.4	75.8	80.8	88.2	95.4	103.6	111.9	125.7
9.1	13.5	17.6	21.8	25.1	27.3	31.4	35.6	38.3	41.1	45.2	52.1	56.2	59.0	65.9	75.2	80.2	87.6	94.8	103.1	111.3	125.1
8.5	13.0	17.1	21.2	24.5	26.7	30.9	35.0	37.8	40.5	44.7	51.5	55.7	58.4	65.3	74.7	79.7	87.1	94.3	102.5	110.8	124.6
...	12.4	16.5	20.7	24.0	26.2	30.3	34.5	37.2	40.0	44.1	51.0	55.1	57.9	64.8	74.1	79.1	86.5	93.7	102.0	110.2	124.0
...	11.3	15.4	19.6	22.9	25.1	29.2	33.4	36.1	38.9	43.0	49.9	54.0	56.8	63.7	73.0	78.0	85.4	92.6	100.9	109.1	122.9
...	10.2	14.3	18.5	21.8	24.0	28.1	32.3	35.0	37.8	41.9	48.8	52.9	55.7	62.6	71.9	76.9	84.3	91.5	99.8	108.0	121.8
...	...	13.2	17.4	20.7	22.9	27.0	31.1	33.9	36.7	40.8	47.7	51.8	54.6	61.5	70.8	75.8	83.2	90.4	98.7	106.9	120.7
...	...	12.1	16.3	19.6	21.8	25.9	30.0	32.8	35.6	39.7	46.6	50.7	53.5	60.4	69.7	74.7	82.1	89.3	97.6	105.8	119.6
...	...	...	15.2	18.5	20.7	24.8	29.8	31.7	34.5	38.6	45.5	49.6	52.4	59.3	68.6	73.6	81.0	88.2	96.5	104.7	118.5
...	...	...	14.1	17.4	19.6	23.7	27.8	30.6	33.4	37.5	44.4	48.5	51.3	58.2	67.5	72.5	79.9	87.1	95.4	103.6	117.4
...	...	...	...	16.3	18.5	22.6	26.7	29.5	32.3	36.4	43.3	47.4	50.2	57.1	66.4	71.4	78.8	86.0	94.3	102.5	116.3
...	...	...	...	15.2	17.1	21.5	25.6	28.4	31.2	35.3	42.2	46.3	49.1	56.0	65.3	70.3	77.7	84.9	93.2	101.4	115.2
...	...	...	...	...	15.2	19.3	23.4	26.2	28.9	33.1	40.0	44.1	46.9	53.8	63.1	68.1	75.5	82.7	91.0	99.2	113.0
10.9	15.3	19.4	23.6	26.9	29.1	33.2	37.3	40.1	42.9	47.0	53.9	58.0	60.8	67.7	77.0	82.0	89.4	96.6	104.9	113.1	126.9
11.2	15.6	19.7	23.8	27.1	29.4	33.5	37.6	40.4	43.1	47.3	54.2	58.3	61.0	67.9	77.3	82.3	89.7	96.9	105.1	113.4	127.2
8.3	12.7	16.8	20.9	24.3	26.5	30.6	34.7	37.5	40.2	44.4	51.3	55.4	58.2	65.0	74.4	79.4	86.8	94.0	102.2	110.5	124.3
8.8	13.2	17.4	21.5	24.8	27.0	31.1	35.3	38.0	40.8	44.9	51.8	55.9	58.7	65.6	75.0	79.9	87.4	94.5	102.8	111.1	124.8
9.4	13.8	17.9	22.1	25.4	27.6	31.7	35.8	38.6	41.3	45.5	52.4	56.5	59.3	66.1	75.5	80.5	87.9	95.1	103.4	111.6	125.4
...	...	...	...	15.7	17.9	22.1	26.2	28.9	31.7	35.8	42.7	46.9	49.6	56.5	65.9	70.8	78.3	85.4	93.7	102.0	115.8
9.9	14.3	18.5	22.6	25.9	28.1	32.2	36.4	39.1	41.9	46.0	52.9	57.1	59.8	66.7	76.1	81.0	88.5	95.6	103.9	112.2	125.9
...	...	...	13.5	16.8	19.0	23.2	27.3	30.0	32.8	36.9	43.8	48.0	50.7	57.6	67.0	71.9	79.4	86.5	94.8	103.1	116.9
10.5	14.9	19.0	23.2	26.5	28.7	32.8	36.9	39.7	42.4	46.6	53.5	57.6	60.4	67.2	76.6	81.6	89.0	96.2	104.5	112.7	126.5
...	...	...	14.6	17.9	20.1	24.3	28.4	31.1	33.9	38.0	44.9	49.1	51.8	58.7	68.1	73.0	80.5	87.6	95.9	104.2	118.0
11.0	15.4	19.6	23.7	27.0	29.2	33.3	37.5	40.2	43.0	47.1	54.0	58.2	60.9	67.8	77.2	82.1	89.6	96.7	105.0	113.3	127.1
...	...	11.6	15.7	19.0	21.2	25.4	29.5	32.3	35.0	39.1	46.0	50.2	52.9	59.8	69.2	74.1	81.6	88.7	97.0	105.3	119.1
...	...	12.7	16.8	20.1	22.3	26.5	30.6	33.4	36.1	40.2	47.1	51.3	54.0	60.9	70.3	75.2	82.7	89.8	98.1	106.4	120.2
...	...	13.8	17.9	21.2	23.4	27.6	31.7	34.5	37.2	41.3	48.2	52.4	55.1	62.0	71.4	76.3	83.8	91.0	99.2	107.5	121.3
...	10.7	14.9	19.0	22.3	24.5	28.7	32.8	35.6	38.3	42.4	49.3	53.5	56.2	63.1	72.5	77.4	84.9	92.1	100.3	108.6	122.4
...	11.9	16.0	20.1	23.4	25.6	29.8	33.9	36.7	39.4	43.5	50.4	54.6	57.3	64.2	73.6	78.5	86.0	93.2	101.4	109.7	123.5
10.6	15.0	19.2	23.3	26.6	28.8	32.9	37.1	39.8	42.6	46.7	53.6	57.7	60.5	67.4	76.8	81.7	89.2	96.3	104.6	112.9	126.6
8.5	13.0	17.1	21.2	24.5	26.7	30.9	35.0	37.8	40.5	44.6	51.5	55.7	58.4	65.3	74.7	79.7	87.1	94.3	102.5	110.8	124.6
...	...	...	...	...	16.3	20.4	24.5	27.3	30.0	34.2	41.1	45.2	48.0	54.8	64.2	69.2	76.6	83.8	92.1	100.3	114.1
9.1	13.5	17.6	21.8	25.1	27.3	31.4	35.6	38.3	41.1	45.2	52.1	56.2	59.0	65.9	75.2	80.2	87.6	94.8	103.1	111.3	125.1
9.6	14.1	18.2	22.3	25.6	27.8	32.0	36.1	38.9	41.6	45.8	52.6	56.8	59.5	66.4	75.8	80.8	88.2	95.4	103.6	111.9	125.7
...	...	...	...	16.3	18.5	22.6	26.7	29.5	32.2	36.4	43.3	47.4	50.2	57.1	66.4	71.4	78.8	86.0	94.3	102.5	116.3
...	...	...	...	...	...	17.9	22.0	24.8	27.6	31.7	38.6	42.7	45.5	52.4	61.7	66.7	74.1	81.3	89.6	97.8	111.6
10.2	14.6	18.7	22.9	26.2	28.4	32.5	36.7	39.4	42.2	46.3	53.2	57.3	60.1	67.0	76.3	81.3	88.7	95.9	104.2	112.4	126.2
...	...	...	14.0	17.4	19.6	23.7	27.8	30.6	33.3	37.5	44.4	48.5	51.3	58.2	67.5	72.5	79.9	87.1	95.4	103.6	117.4
10.7	15.2	19.3	23.4	26.7	28.9	33.1	37.2	40.0	42.7	46.9	53.7	57.9	60.6	67.5	76.9	81.9	89.3	96.5	104.7	113.0	126.8
...	...	...	15.1	18.5	20.7	24.8	28.9	31.7	34.4	38.6	45.5	49.6	52.4	59.3	68.6	73.6	81.0	88.2	96.5	104.7	118.5
...	...	12.1	16.3	19.6	21.8	25.9	30.0	32.8	35.6	39.7	46.6	50.7	53.5	60.4	69.7	74.7	82.1	89.3	97.6	105.8	119.6
...	12.1	16.3	20.4	23.7	25.9	30.0	34.2	36.9	39.7	43.8	50.7	54.8	57.6	64.5	73.9	78.8	86.3	93.4	101.7	110.0	123.7
...	...	13.2	17.4	20.7	22.9	27.0	31.1	33.9	36.7	40.8	47.7	51.8	54.6	61.5	70.8	75.8	83.2	90.4	98.7	106.9	120.7
10.3	14.7	18.9	23.0	26.3	28.5	32.7	36.8	39.5	42.3	46.4	53.3	57.5	60.2	67.1	76.5	81.4	88.9	96.0	104.3	112.6	126.4
8.8	13.2	17.4	21.5	24.8	27.0	31.1	35.3	38.0	40.8	44.9	51.8	55.9	58.7	65.6	75.0	79.9	87.4	94.5	102.8	111.1	124.8
...	...	...	...	14.6	16.8	20.9	25.1	27.8	30.6	34.7	41.6	45.7	48.5	55.4	64.8	69.7	77.2	84.3	92.6	100.9	114.7

* These belts are not available in RPP construction.

HTS 14 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1750 RPM Driver									
		Driver		Driven		RPP™ Belt Widths					RPP™ PLUS Belt Widths				
		No. Teeth	P.D.	No. Teeth	P.D.	40	55	85	115	170	40	55	85	115	170
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															
1481	1.18	44	7.720	52	9.123	44.3	64.8	106.0	147.0	222	64.4	94.5	155.0	215	325
1474	1.19	32	5.614	38	6.667	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
1458	1.20	30	5.263	36	6.316	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
1458	1.20	40	7.018	48	8.421	41.3	60.4	98.6	137.0	207	58.1	85.1	139.0	193	292
1458	1.20	60	10.527	72	12.632	53.3	77.9	127.0	176.0	266	89.3	131.0	215.0	299	453
1441	1.21	28	4.912	34	5.965	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
1441	1.21	56	9.825	68	11.930	51.5	75.3	123.0	170.0	258	83.3	122.0	200.0	278	421
1432	1.22	36	6.316	44	7.720	36.9	53.9	88.0	122.0	...	51.6	75.7	124.0	172	...
1422	1.23	52	9.123	64	11.229	49.4	72.2	118.0	163.0	247	77.1	113.0	185.0	257	389
1410	1.24	29	5.088	36	6.316	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
1400	1.25	32	5.614	40	7.018	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
1400	1.25	48	8.421	60	10.527	47.0	68.7	112.0	156.0	235	70.8	104.0	170.0	236	357
1400	1.25	64	11.229	80	14.036	54.7	80.0	130.0	181.0	273	95.3	140.0	230.0	320	484
1400	1.25	72	12.632	90	15.790	56.4	82.5	135.0	187.0	282	107.0	157.0	258.0	359	544
1385	1.26	38	6.667	48	8.421	39.8	58.1	94.8	132.0	...	54.8	80.4	131.0	182	...
1382	1.27	30	5.263	38	6.667	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
1375	1.27	44	7.720	56	9.825	44.3	64.8	106.0	147.0	222	64.4	94.5	155.0	215	325
1361	1.29	28	4.912	36	6.316	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
1361	1.29	56	9.825	72	12.632	51.5	75.3	123.0	170.0	258	83.3	122.0	200.0	278	421
1352	1.29	34	5.965	44	7.720	33.0	48.2	78.7	109.0	...	48.4	71.0	116.0	161	...
1346	1.30	40	7.018	52	9.123	41.3	60.4	98.6	137.0	207	58.1	85.1	139.0	193	292
1338	1.31	52	9.123	68	11.930	49.4	72.2	118.0	163.0	247	77.1	113.0	185.0	257	389
1336	1.31	29	5.088	38	6.667	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
1322	1.32	68	11.930	90	15.790	55.8	81.5	133.0	184.0	279	101.0	149.0	244.0	340	515
1313	1.33	30	5.263	40	7.018	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
1313	1.33	36	6.316	48	8.421	36.9	53.9	88.0	122.0	...	51.6	75.7	124.0	172	...
1313	1.33	48	8.421	64	11.229	47.0	68.7	112.0	156.0	235	70.8	104.0	170.0	236	357
1313	1.33	60	10.527	80	14.036	53.3	77.9	127.0	176.0	266	89.3	131.0	215.0	299	453
1289	1.36	28	4.912	38	6.667	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
1283	1.36	44	7.720	60	10.527	44.3	64.8	106.0	147.0	222	64.4	94.5	155.0	215	325
1279	1.37	38	6.667	52	9.123	39.8	58.1	94.8	132.0	...	54.8	80.4	131.0	182	...
1273	1.38	32	5.614	44	7.720	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
1269	1.38	29	5.088	40	7.018	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
1264	1.38	52	9.123	72	12.632	49.4	72.2	118.0	163.0	247	77.1	113.0	185.0	257	389
1250	1.40	40	7.018	56	9.825	41.3	60.4	98.6	137.0	207	58.1	85.1	139.0	193	292
1250	1.40	80	14.036	112	19.650	56.6	82.8	135.0	187.0	283	117.0	173.0	285.0	397	602
1244	1.41	64	11.229	90	15.790	54.7	80.0	130.0	181.0	273	95.3	140.0	230.0	320	484
1240	1.41	34	5.965	48	8.421	33.0	48.2	78.7	109.0	...	48.4	71.0	116.0	161	...
1235	1.42	48	8.421	68	11.930	47.0	68.7	112.0	156.0	235	70.8	104.0	170.0	236	357
1225	1.43	28	4.912	40	7.018	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
1225	1.43	56	9.825	80	14.036	51.5	75.3	123.0	170.0	258	83.3	122.0	200.0	278	421
1212	1.44	36	6.316	52	9.123	36.9	53.9	88.0	122.0	...	51.6	75.7	124.0	172	...
1203	1.45	44	7.720	64	11.229	44.3	64.8	106.0	147.0	222	64.4	94.5	155.0	215	325
1193	1.47	30	5.263	44	7.720	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
1188	1.47	38	6.667	56	9.825	39.8	58.1	94.8	132.0	...	54.8	80.4	131.0	182	...
1167	1.50	32	5.614	48	8.421	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
1167	1.50	40	7.018	60	10.527	41.3	60.4	98.6	137.0	207	58.1	85.1	139.0	193	292
1167	1.50	48	8.421	72	12.632	47.0	68.7	112.0	156.0	235	70.8	104.0	170.0	236	357
1167	1.50	60	10.527	90	15.790	53.3	77.9	127.0	176.0	266	89.3	131.0	215.0	299	453
1153	1.52	29	5.088	44	7.720	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															



HTS 14 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																						
BELT LENGTH CODE DESIGNATION																						
966	1190	1400	1610	1778	1890	2100	2310	2450	2590	2800	3150	3360	3500	3850	4326	4578	4956	5320*	5740*	6160*	6860*	
.8	.9	.95	1.0	1.05	1.1	.9																.9
...	10.2	14.3	18.5	21.8	24.0	28.1	32.2	35.0	37.8	41.9	48.8	52.9	55.7	62.6	71.9	76.9	84.3	91.5	99.8	108.0	121.8	
9.4	13.8	17.9	22.0	25.4	27.6	31.7	35.8	38.6	41.3	45.5	52.4	56.5	59.3	66.1	75.5	80.5	87.9	95.1	103.3	111.6	125.4	
9.9	14.3	18.5	22.6	25.9	28.1	32.2	36.4	39.1	41.9	46.0	52.9	57.0	59.8	66.7	76.1	81.0	88.5	95.6	103.9	112.2	125.9	
...	11.3	15.4	19.6	22.9	25.1	29.2	33.3	36.1	38.9	43.0	49.9	54.0	56.8	63.7	73.0	78.0	85.4	92.6	100.9	109.1	122.9	
...	...	...	13.5	16.8	19.0	23.1	27.3	30.0	32.8	36.9	43.8	47.9	50.7	57.6	67.0	71.9	79.4	86.5	94.8	103.1	116.9
10.5	14.9	19.0	23.1	26.5	28.7	32.8	36.9	39.7	42.4	46.6	53.5	57.6	60.4	67.2	76.6	81.6	89.0	96.2	104.5	112.7	126.5	
...	...	...	14.6	17.9	20.1	24.2	28.4	31.1	33.9	38.0	44.9	49.1	51.8	58.7	68.1	73.0	80.5	87.6	95.9	104.2	118.0
...	12.4	16.5	20.7	24.0	26.2	30.3	34.4	37.2	40.0	44.1	51.0	55.1	57.9	64.8	74.1	79.1	86.5	93.7	102.0	110.2	124.0	
...	...	11.5	15.7	19.0	21.2	25.3	29.5	32.2	35.0	39.1	46.0	50.2	52.9	59.8	69.2	74.1	81.6	88.7	97.0	105.3	119.1	
10.0	14.5	18.6	22.7	26.0	28.2	32.4	36.5	39.3	42.0	46.2	53.1	57.2	59.9	66.8	76.2	81.2	88.6	95.8	104.0	112.3	126.1	
9.1	13.5	17.6	21.8	25.1	27.3	31.4	35.5	38.3	41.1	45.2	52.1	56.2	59.0	65.9	75.2	80.2	87.6	94.8	103.1	111.3	125.1	
...	...	12.6	16.8	20.1	22.3	26.4	30.6	33.3	36.1	40.2	47.1	51.3	54.0	60.9	70.3	75.2	82.7	89.8	98.1	106.4	120.2	
...	...	...	...	15.1	17.3	21.5	25.6	28.4	31.1	35.3	42.1	46.3	49.0	55.9	65.3	70.3	77.7	84.9	93.1	101.4	115.2
...	...	...	...	...	...	19.0	23.1	25.9	28.6	32.8	39.7	43.8	46.6	53.5	62.8	67.8	75.2	82.4	90.7	98.9	112.7
...	11.5	15.7	19.8	23.1	25.3	29.5	33.6	36.4	39.1	43.3	50.2	54.3	57.0	63.9	73.3	78.3	85.7	92.9	101.1	109.4	123.2	
9.6	14.0	18.2	22.3	25.6	27.8	32.0	36.1	38.9	41.6	45.7	52.6	56.8	59.5	66.4	75.8	80.7	88.2	95.4	103.6	111.9	125.7	
...	...	13.7	17.9	21.2	23.4	27.5	31.7	34.4	37.2	41.3	48.2	52.4	55.1	62.0	71.4	76.3	83.8	90.9	99.2	107.5	121.3	
10.2	14.6	18.7	22.9	26.2	28.4	32.5	36.7	39.4	42.2	46.3	53.2	57.3	60.1	67.0	76.3	81.3	88.7	95.9	104.2	112.4	126.2	
...	...	...	14.0	17.3	19.5	23.7	27.8	30.6	33.3	37.5	44.4	48.5	51.2	58.1	67.5	72.5	79.9	87.1	95.4	103.6	117.4
8.2	12.6	16.8	20.9	24.2	26.4	30.6	34.7	37.5	40.2	44.4	51.3	55.4	58.1	65.0	74.4	79.4	86.8	94.0	102.2	110.5	124.3	
...	10.7	14.8	19.0	22.3	24.5	28.6	32.8	35.5	38.3	42.4	49.3	53.5	56.2	63.1	72.5	77.4	84.9	92.0	100.3	108.6	122.4	
...	...	...	15.1	18.4	20.6	24.8	28.9	31.7	34.4	38.6	45.5	49.6	52.4	59.2	68.6	73.6	81.0	88.2	96.5	104.7	118.5
9.8	14.2	18.3	22.5	25.8	28.0	32.1	36.2	39.0	41.7	45.9	52.8	56.9	59.7	66.6	75.9	80.9	88.3	95.5	103.8	112.0	125.8	
...	...	...	...	...	15.3	19.5	23.6	26.4	29.2	33.3	40.2	44.3	47.1	54.0	63.4	68.3	75.8	82.9	91.2	99.5	113.3
9.3	13.8	17.9	22.0	25.3	27.5	31.7	35.8	38.6	41.3	45.5	52.4	56.5	59.2	66.1	75.5	80.5	87.9	95.1	103.3	111.6	125.4	
...	11.8	16.0	20.1	23.4	25.6	29.7	33.9	36.6	39.4	43.5	50.4	54.6	57.3	64.2	73.6	78.5	86.0	93.1	101.4	109.7	123.5	
...	...	12.0	16.2	19.5	21.7	25.9	30.0	32.8	35.5	39.7	46.6	50.7	53.5	60.3	69.7	74.7	82.1	89.3	97.6	105.8	119.6	
...	...	...	...	15.6	17.8	22.0	26.1	28.9	31.6	35.8	42.7	46.8	49.6	56.5	65.9	70.8	78.3	85.4	93.7	102.0	115.7
9.9	14.3	18.4	22.6	25.9	28.1	32.2	36.4	39.1	41.9	46.0	52.9	57.0	59.8	66.7	76.1	81.0	88.5	95.6	103.9	112.2	125.9	
...	...	13.2	17.3	20.6	22.8	27.0	31.1	33.9	36.6	40.8	47.7	51.8	54.6	61.4	70.8	75.8	83.2	90.4	98.7	106.9	120.7	
...	11.0	15.1	19.3	22.6	24.8	28.9	33.1	35.8	38.6	42.7	49.6	53.7	56.5	63.4	72.8	77.7	85.2	92.3	100.6	108.9	122.6	
8.5	12.9	17.1	21.2	24.5	26.7	30.9	35.0	37.7	40.5	44.6	51.5	55.7	58.4	65.3	74.7	79.6	87.1	94.3	102.5	110.8	124.6	
9.5	13.9	18.0	22.2	25.5	27.7	31.8	36.0	38.7	41.5	45.6	52.5	56.6	59.4	66.3	75.6	80.6	88.1	95.2	103.5	111.8	125.5	
...	...	...	14.5	17.8	20.0	24.2	28.3	31.1	33.9	38.0	44.9	49.0	51.8	58.7	68.1	73.0	80.5	87.6	95.9	104.2	117.9
...	10.1	14.3	18.4	21.7	23.9	28.1	32.2	35.0	37.7	41.9	48.8	52.9	55.7	62.5	71.9	76.9	84.3	91.5	99.8	108.0	121.8	
...	...	...	...	...	...	...	18.8	21.6	24.4	28.5	35.4	39.6	42.4	49.3	58.6	63.6	71.1	78.2	86.5	94.8	108.6
...	...	...	...	...	15.8	20.0	24.1	26.9	29.7	33.8	40.7	44.9	47.6	54.5	63.9	68.9	76.3	83.5	91.8	100.0	113.8
...	12.1	16.2	20.4	23.7	25.9	30.0	34.2	36.9	39.7	43.8	50.7	54.8	57.6	64.5	73.9	78.8	86.3	93.4	101.7	110.0	123.7	
...	...	11.4	15.6	18.9	21.1	25.3	29.4	32.2	35.0	39.1	46.0	50.1	52.9	59.8	69.2	74.1	81.6	88.7	97.0	105.3	119.0	
9.6	14.0	18.2	22.3	25.6	27.8	32.0	36.1	38.8	41.6	45.7	52.6	56.8	59.5	66.4	75.8	80.7	88.2	95.4	103.6	111.9	125.7	
...	...	...	...	16.1	18.3	22.5	26.7	29.4	32.2	36.3	43.2	47.4	50.1	57.0	66.4	71.4	78.8	86.0	94.2	102.5	116.3
...	11.2	15.4	19.5	22.8	25.0	29.2	33.3	36.1	38.8	43.0	49.9	54.0	56.8	63.7	73.0	78.0	85.4	92.6	100.9	109.1	122.9	
...	...	12.6	16.7	20.0	22.3	26.4	30.5	33.3	36.1	40.2	47.1	51.2	54.0	60.9	70.3	75.2	82.7	89.8	98.1	106.4	120.2	
8.7	13.2	17.3	21.5	24.8	27.0	31.1	35.3	38.0	40.8	44.9	51.8	55.9	58.7	65.6	75.0	79.9	87.4	94.5	102.8	111.1	124.8	
...	10.3	14.5	18.7	22.0	24.2	28.3	32.5	35.2	38.0	42.1	49.0	53.2	55.9	62.8	72.2	77.2	84.6	91.8	100.0	108.3	122.1	
...	12.3	16.5	20.6	23.9	26.1	30.3	34.4	37.2	39.9	44.1	51.0	55.1	57.9	64.8	74.1	79.1	86.5	93.7	102.0	110.2	124.0	
...	...	13.7	17.8	21.1	23.4	27.5	31.6	34.4	37.2	41.3	48.2	52.3	55.1	62.0	71.4	76.3	83.8	90.9	99.2	107.5	121.3	
...	...	...	15.0	18.3	20.6	24.7	28.9	31.6	34.4	38.5	45.4	49.6	52.3	59.2	68.6	73.6	81.0	88.2	96.4	104.7	118.5
...	...	...	...	...	16.3	20.5	24.7	27.4	30.2	34.3	41.3	45.4	48.2	55.1	64.4	69.4	76.9	84.0	92.3	100.6	114.3
8.9	13.3	17.5	21.6	24.9	27.1	31.3	35.4	38.1	40.9	45.0	51.9	56.1	58.8	65.7	75.1	80.1	87.5	94.7	102.9	111.2	125.0	
.8	.9	.95	1.0	1.05	1.1																.9	

* These belts are not available in RPP construction.

PULLEYS

HTS 14 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1750 RPM Driver									
		Driver		Driven		RPP™ Belt Widths					RPP™ PLUS Belt Widths				
		No. Teeth	P.D.	No. Teeth	P.D.	40	55	85	115	170	40	55	85	115	170
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															
1144	1.53	34	5.965	52	9.123	33.0	48.2	78.7	109.0	...	48.4	71.0	116.0	161	...
1138	1.54	52	9.123	80	14.036	49.4	72.2	118.0	163.0	247	77.1	113.0	185.0	257	389
1132	1.55	44	7.720	68	11.930	44.3	64.8	106.0	147.0	222	64.4	94.5	155.0	215	325
1125	1.56	36	6.316	56	9.825	36.9	53.9	88.0	122.0	...	51.6	75.7	124.0	172	...
1125	1.56	72	12.632	112	19.650	56.4	82.5	135.0	187.0	282	107.0	157.0	258.0	359	544
1114	1.57	28	4.912	44	7.720	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
1108	1.58	38	6.667	60	10.527	39.8	58.1	94.8	132.0	...	54.8	80.4	131.0	182	...
1094	1.60	30	5.263	48	8.421	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
1094	1.60	40	7.018	64	11.229	41.3	60.4	98.6	137.0	207	58.1	85.1	139.0	193	292
1089	1.61	56	9.825	90	15.790	51.5	75.3	123.0	170.0	258	83.3	122.0	200.0	278	421
1077	1.63	32	5.614	52	9.123	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
1069	1.64	44	7.720	72	12.632	44.3	64.8	106.0	147.0	222	64.4	94.5	155.0	215	325
1063	1.65	34	5.965	56	9.825	33.0	48.2	78.7	109.0	...	48.4	71.0	116.0	161	...
1063	1.65	68	11.930	112	19.650	55.8	81.5	133.0	184.0	279	101.0	149.0	244.0	340	515
1057	1.66	29	5.088	48	8.421	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
1050	1.67	36	6.316	60	10.527	36.9	53.9	88.0	122.0	...	51.6	75.7	124.0	172	...
1050	1.67	48	8.421	80	14.036	47.0	68.7	112.0	156.0	235	70.8	104.0	170.0	236	357
1039	1.68	38	6.667	64	11.229	39.8	58.1	94.8	132.0	...	54.8	80.4	131.0	182	...
1029	1.70	40	7.018	68	11.930	41.3	60.4	98.6	137.0	207	58.1	85.1	139.0	193	292
1021	1.71	28	4.912	48	8.421	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
1011	1.73	52	9.123	90	15.790	49.4	72.2	118.0	163.0	247	77.1	113.0	185.0	257	389
1010	1.73	30	5.263	52	9.123	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
1000	1.75	32	5.614	56	9.825	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
1000	1.75	64	11.229	112	19.650	54.7	80.0	130.0	181.0	273	95.3	140.0	230.0	320	484
992	1.76	34	5.965	60	10.527	33.0	48.2	78.7	109.0	...	48.4	71.0	116.0	161	...
984	1.78	36	6.316	64	11.229	36.9	53.9	88.0	122.0	...	51.6	75.7	124.0	172	...
978	1.79	38	6.667	68	11.930	39.8	58.1	94.8	132.0	...	54.8	80.4	131.0	182	...
976	1.79	29	5.088	52	9.123	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
972	1.80	40	7.018	72	12.632	41.3	60.4	98.6	137.0	207	58.1	85.1	139.0	193	292
972	1.80	80	14.036	144	25.264	56.6	82.8	135.0	187.0	283	117.0	173.0	285.0	397	602
963	1.82	44	7.720	80	14.036	44.3	64.8	106.0	147.0	222	64.4	94.5	155.0	215	325
942	1.86	28	4.912	52	9.123	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
938	1.87	30	5.263	56	9.825	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
938	1.87	60	10.527	112	19.650	53.3	77.9	127.0	85.5	266	89.3	131.0	215.0	299	453
933	1.88	32	5.614	60	10.527	29.3	42.9	69.9	176.0	...	45.2	66.3	108.0	150	...
933	1.88	48	8.421	90	15.790	47.0	68.7	112.0	97.0	235	70.8	104.0	170.0	236	357
930	1.88	34	5.965	64	11.229	33.0	48.2	78.7	156.0	...	48.4	71.0	116.0	161	...
926	1.89	36	6.316	68	11.930	36.9	53.9	88.0	109.0	...	51.6	75.7	124.0	172	...
924	1.89	38	6.667	72	12.632	39.8	58.1	94.8	122.0	...	54.8	80.4	131.0	182	...
906	1.93	29	5.088	56	9.825	24.2	35.4	57.7	132.0	...	40.5	59.2	96.8	134	...
875	2.00	28	4.912	56	9.825	22.6	33.0	53.9	80.0	...	38.9	56.9	93.0	129	...
875	2.00	30	5.263	60	10.527	25.8	37.8	61.6	74.7	...	42.1	61.6	101.0	140	...
875	2.00	32	5.614	64	11.229	29.3	42.9	69.9	85.5	...	45.2	66.3	108.0	150	...
875	2.00	34	5.965	68	11.930	33.0	48.2	78.7	97.0	...	48.4	71.0	116.0	161	...
875	2.00	36	6.316	72	12.632	36.9	53.9	88.0	109.0	...	51.6	75.7	124.0	172	...
875	2.00	40	7.018	80	14.036	41.3	60.4	98.6	122.0	207	58.1	85.1	139.0	193	292
875	2.00	56	9.825	112	19.650	51.5	75.3	123.0	137.0	258	83.3	122.0	200.0	278	421
875	2.00	72	12.632	144	25.264	56.4	82.5	135.0	170.0	282	107.0	157.0	258.0	359	544
856	2.05	44	7.720	90	15.790	44.3	64.8	106.0	187.0	222	64.4	94.5	155.0	215	325
846	2.07	29	5.088	60	10.527	24.2	35.4	57.7	147.0	...	40.5	59.2	96.8	134	...
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															



HTS 14 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																					
BELT LENGTH CODE DESIGNATION																					
966	1190	1400	1610	1778	1890	2100	2310	2450	2590	2800	3150	3360	3500	3850	4326	4578	4956	5320*	5740*	6160*	6860*
.8	.9	.95	1.0	1.05	1.1	.9															
...	11.5	15.6	19.8	23.1	25.3	29.4	33.6	36.3	39.1	43.2	50.1	54.3	57.0	63.9	73.3	78.3	85.7	92.9	101.1	109.4	123.2
...	...	...	13.3	16.6	18.9	23.0	27.2	29.9	32.7	36.8	43.8	47.9	50.7	57.6	66.9	71.9	79.3	86.5	94.8	103.0	116.8
...	...	11.9	16.1	19.5	21.7	25.8	30.0	32.7	35.5	39.6	46.5	50.7	53.4	60.3	69.7	74.7	82.1	89.3	97.5	105.8	119.6
...	10.6	14.8	18.9	22.3	24.5	28.6	32.8	35.5	38.3	42.4	49.3	53.4	56.2	63.1	72.5	77.4	84.9	92.0	100.3	108.6	122.4
...	...	...	...	...	...	...	19.8	22.6	25.4	29.6	36.5	40.6	43.4	50.3	59.7	64.7	72.1	79.3	87.6	95.8	109.6
...	13.4	17.6	21.7	25.0	27.2	31.4	35.5	38.3	41.0	45.2	52.1	56.2	59.0	65.9	75.2	80.2	87.6	94.8	103.1	111.3	125.1
...	9.7	13.9	18.1	21.4	23.6	27.8	31.9	34.7	37.4	41.6	48.5	52.6	55.4	62.3	71.6	76.6	84.0	91.2	99.5	107.7	121.5
...	12.6	16.7	20.9	24.2	26.4	30.6	34.7	37.4	40.2	44.3	51.2	55.4	58.1	65.0	74.4	79.4	86.8	94.0	102.2	110.5	124.3
...	...	13.1	17.2	20.6	22.8	26.9	31.1	33.8	36.6	40.7	47.6	51.8	54.5	61.4	70.8	75.8	83.2	90.4	98.6	106.9	120.7
...	...	...	...	14.6	16.8	21.0	25.2	27.9	30.7	34.9	41.8	45.9	48.7	55.6	65.0	69.9	77.4	84.6	92.8	101.1	114.9
...	11.7	15.9	20.0	23.4	25.6	29.7	33.9	36.6	39.4	43.5	50.4	54.5	57.3	64.2	73.6	78.5	86.0	93.1	101.4	109.7	123.5
...	...	...	15.5	18.9	21.1	25.2	29.4	32.2	34.9	39.1	46.0	50.1	52.9	59.8	69.1	74.1	81.5	88.7	97.0	105.3	119.0
...	10.8	15.0	19.2	22.5	24.7	28.9	33.0	35.8	38.5	42.7	49.6	53.7	56.5	63.4	72.7	77.7	85.1	92.3	100.6	108.8	122.6
...	...	...	...	...	...	...	20.3	23.1	25.9	30.1	37.0	41.2	43.9	50.8	60.2	65.2	72.7	79.8	88.1	96.4	110.2
...	12.7	16.9	21.0	24.3	26.5	30.7	34.8	37.6	40.3	44.5	51.4	55.5	58.3	65.2	74.5	79.5	86.9	94.1	102.4	110.6	124.4
...	10.0	14.2	18.3	21.7	23.9	28.0	32.2	34.9	37.7	41.8	48.7	52.9	55.6	62.5	71.9	76.9	84.3	91.5	99.7	108.0	121.8
...	...	...	13.8	17.1	19.4	23.5	27.7	30.5	33.2	37.4	44.3	48.4	51.2	58.1	67.5	72.4	79.9	87.0	95.3	103.6	117.4
...	...	13.3	17.5	20.8	23.0	27.2	31.3	34.1	36.9	41.0	47.9	52.0	54.8	61.7	71.1	76.0	83.5	90.6	98.9	107.2	121.0
...	...	12.4	16.6	20.0	22.2	26.3	30.5	33.3	36.0	40.2	47.1	51.2	54.0	60.9	70.2	75.2	82.6	89.8	98.1	106.4	120.1
...	12.8	17.0	21.1	24.5	26.7	30.8	35.0	37.7	40.5	44.6	51.5	55.6	58.4	65.3	74.7	79.6	87.1	94.2	102.5	110.8	124.6
...	...	...	...	15.1	17.3	21.5	25.7	28.5	31.2	35.4	42.3	46.5	49.2	56.1	65.5	70.5	77.9	85.1	93.4	101.6	115.4
...	12.0	16.1	20.3	23.6	25.8	30.0	34.1	36.9	39.6	43.8	50.7	54.8	57.6	64.5	73.8	78.8	86.2	93.4	101.7	109.9	123.7
...	11.1	15.3	19.4	22.8	25.0	29.1	33.3	36.0	38.8	42.9	49.8	54.0	56.7	63.6	73.0	78.0	85.4	92.6	100.8	109.1	122.9
...	...	...	...	...	...	...	20.8	23.6	26.4	30.6	37.5	41.7	44.4	51.4	60.8	65.7	73.2	80.4	88.6	96.9	110.7
...	10.2	14.4	18.6	21.9	24.1	28.3	32.4	35.2	38.0	42.1	49.0	53.1	55.9	62.8	72.2	77.1	84.6	91.7	100.0	108.3	122.1
...	...	13.5	17.7	21.1	23.3	27.4	31.6	34.4	37.1	41.3	48.2	52.3	55.1	62.0	71.3	76.3	83.7	90.9	99.2	107.5	121.2
...	...	12.7	16.9	20.2	22.4	26.6	30.8	33.5	36.3	40.4	47.3	51.5	54.2	61.1	70.5	75.5	82.9	90.1	98.4	106.6	120.4
...	12.1	16.3	20.4	23.8	26.0	30.1	34.3	37.0	39.8	43.9	50.8	54.9	57.7	64.6	74.0	78.9	86.4	93.5	101.8	110.1	123.9
...	...	11.8	16.0	19.4	21.6	25.7	29.9	32.7	35.4	39.6	46.5	50.6	53.4	60.3	69.7	74.6	82.1	89.3	97.5	105.8	119.6
...	...	...	...	...	...	...	...	...	...	23.6	30.6	34.8	37.6	44.6	54.0	59.0	66.5	73.6	81.9	90.2	104.0
...	...	...	14.2	17.6	19.9	24.0	28.2	31.0	33.7	37.9	44.8	49.0	51.7	58.6	68.0	73.0	80.4	87.6	95.9	104.1	117.9
...	12.2	16.4	20.6	23.9	26.1	30.2	34.4	37.1	39.9	44.0	50.9	55.1	57.8	64.7	74.1	79.1	86.5	93.7	102.0	110.2	124.0
...	11.3	15.5	19.7	23.0	25.2	29.4	33.5	36.3	39.1	43.2	50.1	54.2	57.0	63.9	73.3	78.2	85.7	92.8	101.1	109.4	123.2
...	...	...	...	...	...	17.0	21.3	24.1	26.9	31.1	38.0	42.2	45.0	51.9	61.3	66.3	73.7	80.9	89.2	97.5	111.2
...	10.4	14.7	18.8	22.2	24.4	28.6	32.7	35.5	38.2	42.4	49.3	53.4	56.2	63.1	72.4	77.4	84.8	92.0	100.3	108.6	122.3
...	...	...	...	15.5	17.8	22.0	26.2	29.0	31.7	35.9	42.8	47.0	49.7	56.7	66.0	71.0	78.5	85.6	93.9	102.2	116.0
...	...	13.8	18.0	21.3	23.5	27.7	31.9	34.6	37.4	41.5	48.4	52.6	55.3	62.2	71.6	76.6	84.0	91.2	99.5	107.7	121.5
...	...	12.9	17.1	20.5	22.7	26.9	31.0	33.8	36.5	40.7	47.6	51.7	54.5	61.4	70.8	75.7	83.2	90.4	98.6	106.9	120.7
...	...	12.0	16.3	19.6	21.8	26.0	30.2	32.9	35.7	39.8	46.8	50.9	53.7	60.6	69.9	74.9	82.4	89.5	97.8	106.1	119.8
...	11.5	15.7	19.8	23.2	25.4	29.5	33.7	36.4	39.2	43.3	50.2	54.4	57.1	64.0	73.4	78.4	85.8	93.0	101.3	109.5	123.3
...	11.6	15.8	20.0	23.3	25.5	29.7	33.8	36.6	39.3	43.5	50.4	54.5	57.3	64.2	73.5	78.5	86.0	93.1	101.4	109.7	123.4
...	10.7	14.9	19.1	22.4	24.7	28.8	33.0	35.7	38.5	42.6	49.5	53.7	56.4	63.3	72.7	77.7	85.1	92.3	100.6	108.8	122.6
...	9.8	14.0	18.2	21.6	23.8	28.0	32.1	34.9	37.6	41.8	48.7	52.8	55.6	62.5	71.9	76.8	84.3	91.5	99.7	108.0	121.8
...	...	13.2	17.4	20.7	22.9	27.1	31.3	34.0	36.8	41.0	47.9	52.0	54.8	61.7	71.0	76.0	83.5	90.6	98.9	107.2	121.0
...	...	12.3	16.5	19.9	22.1	26.3	30.4	33.2	36.0	40.1	47.0	51.2	53.9	60.8	70.2	75.2	82.6	89.8	98.1	106.3	120.1
...	...	...	14.7	18.1	20.4	24.5	28.7	31.5	34.3	38.4	45.3	49.5	52.2	59.1	68.5	73.5	80.9	88.1	96.4	104.7	118.5
...	...	...	...	...	...	17.5	21.7	24.6	27.4	31.6	38.5	42.7	45.5	52.4	61.8	66.8	74.2	81.4	89.7	98.0	111.8
...	...	...	...	...	...	...	...	...	20.2	24.5	31.6	35.8	38.6	45.6	55.0	60.0	67.5	74.7	83.0	91.3	105.1
...	...	...	...	16.0	18.3	22.5	26.7	29.5	32.3	36.4	43.3	47.5	50.3	57.2	66.6	71.5	79.0	86.2	94.4	102.7	116.5
...	10.8	15.0	19.2	22.6	24.8	28.9	33.1	35.9	38.6	42.8	49.7	53.8	56.6	63.5	72.8	77.8	85.3	92.4	100.7	109.0	122.7
.8	.9	.95	1.0	1.05	1.1	.9															

* These belts are not available in RPP construction.

HTS 14 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1750 RPM Driver									
		Driver		Driven		RPP™ Belt Widths					RPP™ PLUS Belt Widths				
		No. Teeth	P.D.	No. Teeth	P.D.	40	55	85	115	170	40	55	85	115	170
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															
833	2.10	80	14.036	168	29.475	56.6	82.8	135.0	187.0	283	117.0	173.0	285.0	397	602
831	2.11	38	6.667	80	14.036	39.8	58.1	94.8	132.0	...	54.8	80.4	131.0	182	...
826	2.12	34	5.965	72	12.632	33.0	48.2	78.7	109.0	...	48.4	71.0	116.0	161	...
826	2.12	68	11.930	144	25.264	55.8	81.5	133.0	184.0	279	101.0	149.0	244.0	340	515
824	2.13	32	5.614	68	11.930	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
820	2.13	30	5.263	64	11.229	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
817	2.14	28	4.912	60	10.527	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
813	2.15	52	9.123	112	19.650	49.4	72.2	118.0	163.0	247	77.1	113.0	185.0	257	389
793	2.21	29	5.088	64	11.229	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
788	2.22	36	6.316	80	14.036	36.9	53.9	88.0	122.0	...	51.6	75.7	124.0	172	...
778	2.25	32	5.614	72	12.632	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
778	2.25	40	7.018	90	15.790	41.3	60.4	98.6	137.0	207	58.1	85.1	139.0	193	292
778	2.25	64	11.229	144	25.264	54.7	80.0	130.0	181.0	273	95.3	140.0	230.0	320	484
772	2.27	30	5.263	68	11.930	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
766	2.29	28	4.912	64	11.229	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
750	2.33	48	8.412	112	19.650	47.0	68.7	112.0	156.0	235	70.8	104.0	170.0	236	357
750	2.33	72	12.632	168	29.475	56.4	82.5	135.0	187.0	282	107.0	157.0	258.0	359	544
746	2.34	29	5.088	68	11.930	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
744	2.35	34	5.965	80	14.036	33.0	48.2	78.7	109.0	...	48.4	71.0	116.0	161	...
739	2.37	38	6.667	90	15.790	39.8	58.1	94.8	132.0	...	54.8	80.4	131.0	182	...
729	2.40	30	5.263	72	12.632	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
729	2.40	60	10.527	144	25.264	53.3	77.9	127.0	176.0	266	89.3	131.0	215.0	299	453
729	2.40	80	14.036	192	33.686	56.6	82.8	135.0	187.0	283	117.0	173.0	285.0	397	602
721	2.43	28	4.912	68	11.930	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
708	2.47	68	11.930	168	29.475	55.8	81.5	133.0	184.0	279	101.0	149.0	244.0	340	515
705	2.48	29	5.088	72	12.632	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
700	2.50	32	5.614	80	14.036	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
700	2.50	36	6.316	90	15.790	36.9	53.9	88.0	122.0	...	51.6	75.7	124.0	172	...
688	2.55	44	7.720	112	19.650	44.3	64.8	106.0	147.0	222	64.4	94.5	155.0	215	325
681	2.57	28	4.912	72	12.632	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
681	2.57	56	9.825	144	25.264	51.5	75.3	123.0	170.0	258	83.3	122.0	200.0	278	421
667	2.63	64	11.229	168	29.475	54.7	80.0	130.0	181.0	273	95.3	140.0	230.0	320	484
661	2.65	34	5.965	90	15.790	33.0	48.2	78.7	109.0	...	48.4	71.0	116.0	161	...
656	2.67	30	5.263	80	14.036	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
656	2.67	72	12.632	192	33.686	56.4	82.5	135.0	187.0	282	107.0	157.0	258.0	359	544
648	2.70	80	14.036	216	37.896	56.6	82.8	135.0	187.0	283	117.0	173.0	285.0	397	602
634	2.76	29	5.088	80	14.036	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
632	2.77	52	9.123	144	25.264	49.4	72.2	118.0	163.0	247	77.1	113.0	185.0	257	389
625	2.80	40	7.018	112	19.650	41.3	60.4	98.6	137.0	207	58.1	85.1	139.0	193	292
625	2.80	60	10.527	168	29.475	53.3	77.9	127.0	176.0	266	89.3	131.0	215.0	299	453
622	2.81	32	5.614	90	15.790	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
620	2.82	68	11.930	192	33.686	55.8	81.5	133.0	187.0	279	101.0	149.0	244.0	340	515
613	2.86	28	4.912	80	14.036	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
594	2.95	38	6.667	112	19.650	39.8	58.1	94.8	132.0	...	54.8	80.4	131.0	182	...
583	3.00	30	5.263	90	15.790	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
583	3.00	48	8.421	144	25.264	47.0	68.7	112.0	156.0	235	70.8	104.0	170.0	236	357
583	3.00	56	9.825	168	29.475	51.5	75.3	123.0	170.0	258	83.3	122.0	200.0	278	421
583	3.00	64	11.229	192	33.686	54.7	80.0	130.0	181.0	273	95.3	140.0	230.0	320	484
583	3.00	72	12.632	216	37.896	56.4	82.5	135.0	187.0	282	107.0	157.0	258.0	359	544
564	3.10	29	5.088	90	15.790	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															



HTS 14 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																					
BELT LENGTH CODE DESIGNATION																					
966	1190	1400	1610	1778	1890	2100	2310	2450	2590	2800	3150	3360	3500	3850	4326	4578	4956	5320*	5740*	6160*	6860*
.8	.9	.95	1.0	1.05	1.1	.9															
...	26.7	31.0	33.8	40.9	50.4	55.4	62.9	70.1	78.4	86.7	100.6
...	15.0	18.4	20.6	24.8	29.0	31.7	34.5	38.7	45.6	49.7	52.5	59.4	68.8	73.8	81.2	88.4	96.7	104.9	118.7
...	...	12.5	16.7	20.1	22.3	26.5	30.7	33.4	36.2	40.4	47.3	51.4	54.2	61.1	70.5	75.4	82.9	90.1	98.3	106.6	120.4
...	20.7	25.0	32.1	36.3	39.1	46.1	55.5	60.5	68.0	75.2	83.5	91.8	105.6
...	...	13.4	17.6	21.0	23.2	27.4	31.5	34.3	37.1	41.2	48.1	52.3	55.0	61.9	71.3	76.3	83.7	90.9	99.2	107.4	121.2
...	...	14.3	18.5	21.8	24.1	28.2	32.4	35.1	37.9	42.1	49.0	53.1	55.9	62.8	72.1	77.1	84.6	91.7	100.0	108.3	122.1
...	...	15.2	19.4	22.7	24.9	29.1	33.2	36.0	38.8	42.9	49.8	53.9	56.7	63.6	73.0	77.9	85.4	92.6	100.8	109.1	122.9
...	17.9	22.2	25.1	27.9	32.1	39.0	43.2	46.0	52.9	62.3	67.3	74.8	82.0	90.2	98.5	112.3
...	...	14.4	18.6	22.0	24.2	28.4	32.5	35.3	38.0	42.2	49.1	53.2	56.0	62.9	72.3	77.2	84.7	91.9	100.1	108.4	122.2
...	15.2	18.6	20.8	25.0	29.2	32.0	34.8	38.9	45.9	50.0	52.8	59.7	69.1	74.0	81.5	88.7	96.9	105.2	119.0
...	...	12.7	17.0	20.4	22.6	26.8	30.9	33.7	36.5	40.6	47.5	51.7	54.5	61.4	70.7	75.7	83.2	90.3	98.6	106.9	120.7
...	13.0	16.5	18.8	23.0	27.2	30.0	32.8	36.9	43.9	48.0	50.8	57.7	67.1	72.1	79.5	86.7	95.0	103.3	117.0
...	21.1	25.5	32.6	36.8	39.6	46.6	56.0	61.0	68.5	75.7	84.0	92.3	106.1
...	...	13.6	17.9	21.2	23.5	27.6	31.8	34.6	37.3	41.5	48.4	52.5	55.3	62.2	71.6	76.5	84.0	91.2	99.4	107.7	121.5
...	...	14.5	18.7	22.1	24.3	28.5	32.6	35.4	38.2	42.3	49.2	53.4	56.1	63.0	72.4	77.4	84.8	92.0	100.3	108.5	122.3
...	18.4	22.7	25.5	28.4	32.6	39.5	43.7	46.5	53.4	62.8	67.8	75.3	82.5	90.8	99.1	112.9
...	27.6	31.9	34.8	41.8	51.4	56.4	63.9	71.1	79.5	87.8	101.6
...	...	13.8	18.0	21.3	23.6	27.8	31.9	34.7	37.5	41.6	48.5	52.7	55.4	62.3	71.7	76.7	84.1	91.3	99.6	107.8	121.6
...	15.4	18.8	21.1	25.3	29.5	32.3	35.0	39.2	46.1	50.3	53.0	59.9	69.3	74.3	81.7	88.9	97.2	105.5	119.3
...	13.3	16.7	19.0	23.2	27.4	30.2	33.0	37.2	44.1	48.3	51.0	58.0	67.4	72.3	79.8	87.0	95.2	103.5	117.3
...	...	13.0	17.2	20.6	22.8	27.0	31.2	34.0	36.7	40.9	47.8	52.0	54.7	61.6	71.0	76.0	83.4	90.6	98.9	107.1	120.9
...	21.6	25.9	33.0	37.3	40.1	47.1	56.5	61.5	69.0	76.2	84.5	92.8	106.7
...	26.8	29.8	37.0	46.6	51.7	59.2	66.5	74.8	83.2	97.0
...	...	13.9	18.1	21.5	23.7	27.9	32.0	34.8	37.6	41.7	48.6	52.8	55.6	62.5	71.8	76.8	84.3	91.4	99.7	108.0	121.8
...	28.1	32.4	35.2	42.3	51.9	56.9	64.4	71.6	80.0	88.3	102.1
...	...	13.1	17.3	20.7	23.0	27.1	31.3	34.1	36.9	41.0	47.9	52.1	54.8	61.8	71.1	76.1	83.6	90.7	99.0	107.3	121.1
...	...	11.3	15.7	19.1	21.3	25.5	29.7	32.5	35.3	39.4	46.4	50.5	53.3	60.2	69.6	74.6	82.0	89.2	97.5	105.7	119.5
...	13.5	17.0	19.2	23.5	27.7	30.5	33.3	37.4	44.4	48.5	51.3	58.2	67.6	72.6	80.1	87.2	95.5	103.8	117.6
...	18.9	23.2	26.0	28.8	33.1	40.0	44.2	47.0	53.9	63.4	68.4	75.8	83.0	91.3	99.6	113.4
...	...	13.2	17.5	20.8	23.1	27.3	31.4	34.2	37.0	41.1	48.1	52.2	55.0	61.9	71.3	76.2	83.7	90.9	99.1	107.4	121.2
...	19.1	22.1	26.4	33.5	37.8	40.6	47.6	57.0	62.1	69.6	76.8	85.1	93.4	107.2
...	28.5	32.9	35.7	42.8	52.4	57.4	64.9	72.1	80.5	88.8	102.6
...	13.7	17.2	19.5	23.7	27.9	30.7	33.5	37.7	44.6	48.8	51.6	58.5	67.9	72.9	80.3	87.5	95.8	104.1	117.8
...	...	11.6	15.9	19.3	21.6	25.8	30.0	32.8	35.5	39.7	46.6	50.8	53.6	60.5	69.9	74.8	82.3	89.5	97.7	106.0	119.8
...	27.8	30.7	37.9	47.6	52.6	60.2	67.5	75.8	84.2	98.1
...	32.8	42.6	47.8	55.4	62.7	71.2	79.5	93.4
...	...	11.7	16.0	19.4	21.7	25.9	30.1	32.9	35.7	39.8	46.8	50.9	53.7	60.6	70.0	75.0	82.4	89.6	97.9	106.1	119.9
...	19.6	22.5	26.9	34.0	38.2	41.1	48.1	57.6	62.6	70.1	77.3	85.6	93.9	107.7
...	14.9	19.3	23.7	26.5	29.3	33.5	40.5	44.7	47.5	54.5	63.9	68.9	76.3	83.5	91.8	100.1	113.9
...	21.7	29.0	33.3	36.2	43.3	52.8	57.9	65.4	72.7	81.0	89.3	103.2
...	13.9	17.4	19.7	24.0	28.2	31.0	33.8	37.9	44.9	49.1	51.8	58.7	68.1	73.1	80.6	87.8	96.0	104.3	118.1
...	28.2	31.1	38.4	48.0	53.1	60.7	68.0	76.3	84.7	98.6
...	...	11.8	16.1	19.6	21.8	26.0	30.2	33.0	35.8	40.0	46.9	51.0	53.8	60.7	70.1	75.1	82.5	89.7	98.0	106.3	120.1
...	15.2	19.6	23.9	26.7	29.6	33.8	40.8	45.0	47.8	54.7	64.1	69.1	76.6	83.8	92.1	100.4	114.2
...	14.2	17.7	19.9	24.2	28.4	31.2	34.0	38.2	45.1	49.3	52.1	59.0	68.4	73.4	80.8	88.0	96.3	104.6	118.4
...	20.0	23.0	27.3	34.5	38.7	41.5	48.6	58.1	63.1	70.6	77.8	86.1	94.4	108.2
...	22.1	29.5	33.8	36.7	43.8	53.3	58.4	65.9	73.2	81.5	89.8	103.7
...	24.2	28.7	31.6	38.8	48.5	53.6	61.2	68.5	76.9	85.2	99.1
...	33.7	43.6	48.7	56.4	63.7	72.1	80.5	94.5
...	14.3	17.8	20.1	24.3	28.5	31.3	34.1	38.3	45.3	49.4	52.2	59.1	68.5	73.5	81.0	88.2	96.4	104.7	118.5
.8	.9	.95	1.0	1.05	1.1	.9															

* These belts are not available in RPP construction.

PULLEYS

HTS 14 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1750 RPM Driver									
		Driver		Driven		RPP™ Belt Widths					RPP™ PLUS Belt Widths				
		No. Teeth	P.D.	No. Teeth	P.D.	40	55	85	115	170	40	55	85	115	170
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															
551	3.18	68	11.930	216	37.896	55.8	81.5	133.0	184.0	279	101	149.0	244.0	340	515
547	3.20	60	10.527	192	33.686	53.3	77.9	127.0	176.0	266	89.3	131.0	215.0	299	453
544	3.21	28	4.912	90	15.790	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
542	3.23	52	9.123	168	29.475	49.4	72.2	118.0	163.0	247	77.1	113.0	185.0	257	389
535	3.27	44	7.720	144	25.264	44.3	64.8	106.0	147.0	222	64.4	94.5	155.0	215	325
531	3.29	34	5.965	112	19.650	33.0	48.2	78.7	109.0	...	48.4	71.0	116.0	161	...
519	3.38	64	11.229	216	37.896	54.7	80.0	130.0	181.0	273	95.3	140.0	230.0	320	484
510	3.43	56	9.825	192	33.686	51.5	75.3	123.0	170.0	258	83.3	122.0	200.0	278	421
500	3.50	32	5.614	112	19.650	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
500	3.50	48	8.421	168	29.475	47.0	68.7	112.0	156.0	235	70.8	104.0	170.0	236	357
486	3.60	40	7.018	144	25.264	41.3	60.4	98.6	137.0	207	58.1	85.1	139.0	193	292
486	3.60	60	10.527	216	37.896	53.3	77.9	127.0	176.0	266	89.3	131.0	215.0	299	453
474	3.69	52	9.123	192	33.686	49.4	72.2	118.0	163.0	247	77.1	113.0	185.0	257	389
469	3.73	30	5.263	112	19.650	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
462	3.79	38	6.667	144	25.264	39.8	58.1	94.8	132.0	...	54.8	80.4	131.0	182	...
458	3.82	44	7.720	168	29.475	44.3	64.8	106.0	147.0	222	64.4	94.5	155.0	215	325
454	3.86	56	9.825	216	37.896	51.5	75.3	123.0	170.0	258	83.3	122.0	200.0	278	421
453	3.86	29	5.088	112	19.650	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
438	4.00	28	4.912	112	19.650	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
438	4.00	36	6.316	144	25.264	36.9	53.9	88.0	122.0	...	51.6	75.7	124.0	172	...
438	4.00	48	8.421	192	33.686	47.0	68.7	112.0	156.0	235	70.8	104.0	170.0	236	357
421	4.15	52	9.123	216	37.896	49.4	72.2	118.0	163.0	247	77.1	113.0	185.0	257	389
417	4.20	40	7.018	168	29.475	41.3	60.4	98.6	137.0	207	58.1	85.1	139.0	193	292
413	4.24	34	5.965	144	25.264	33.0	48.2	78.7	109.0	...	48.4	71.0	116.0	161	...
401	4.36	44	7.720	192	33.686	44.3	64.8	106.0	147.0	222	64.4	94.5	155.0	215	325
396	4.42	38	6.667	168	29.475	39.8	58.1	94.8	132.0	...	54.8	80.4	131.0	182	...
389	4.50	32	5.614	144	25.264	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
389	4.50	48	8.421	216	37.896	47.0	68.7	112.0	156.0	235	70.8	104.0	170.0	236	357
375	4.67	36	6.316	168	29.475	36.9	53.9	88.0	122.0	...	51.6	75.7	124.0	172	...
365	4.80	30	5.263	144	25.264	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
365	4.80	40	7.018	192	33.686	41.3	60.4	98.6	137.0	207	58.1	85.1	139.0	193	292
356	4.91	44	7.720	216	37.896	44.3	64.8	106.0	147.0	222	64.4	94.5	155.0	215	325
354	4.94	34	5.965	168	29.475	33.0	48.2	78.7	109.0	...	48.4	71.0	116.0	161	...
352	4.97	29	5.088	144	25.264	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
346	5.05	38	6.667	192	33.686	39.8	58.1	94.8	132.0	...	54.8	80.4	131.0	182	...
340	5.14	28	4.912	144	25.264	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
333	5.25	32	5.614	168	29.475	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
328	5.33	36	6.316	192	33.686	36.9	53.9	88.0	122.0	...	51.6	75.7	124.0	172	...
324	5.40	40	7.018	216	37.896	41.3	60.4	98.6	137.0	207	58.1	85.1	139.0	193	292
313	5.60	30	5.263	168	29.475	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
310	5.65	34	5.965	192	33.686	33.0	48.2	78.7	109.0	...	48.4	71.0	116.0	161	...
308	5.68	38	6.667	216	37.896	39.8	58.1	94.8	132.0	...	54.8	80.4	131.0	182	...
302	5.79	29	5.088	168	29.475	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
292	6.00	28	4.912	168	29.475	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
292	6.00	32	5.614	192	33.686	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
292	6.00	36	6.316	216	37.896	36.9	53.9	88.0	122.0	...	51.6	75.7	124.0	172	...
275	6.35	34	5.965	216	37.896	33.0	48.2	78.7	109.0	...	48.4	71.0	116.0	161	...
273	6.40	30	5.263	192	33.686	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
264	6.62	29	5.088	192	33.686	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
259	6.75	32	5.614	216	37.896	29.3	42.9	69.9	97.0	...	45.2	66.3	108.0	150	...
255	6.86	28	4.912	192	33.686	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
243	7.20	30	5.263	216	37.896	25.8	37.8	61.6	85.5	...	42.1	61.6	101.0	140	...
235	7.45	29	5.088	216	37.896	24.2	35.4	57.7	80.0	...	40.5	59.2	96.8	134	...
227	7.71	28	4.912	216	37.896	22.6	33.0	53.9	74.7	...	38.9	56.9	93.0	129	...
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															



HTS 14 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																						
BELT LENGTH CODE DESIGNATION																						
966	1190	1400	1610	1778	1890	2100	2310	2450	2590	2800	3150	3360	3500	3850	4326	4578	4956	5320*	5740*	6160*	6860*	
.8	.9	.95	1.0	1.05	1.1	.9																
...	15.4	19.8	24.1	27.0	29.8	34.0	41.0	45.2	48.0	55.0	64.4	69.4	76.9	84.1	92.3	100.6	114.4	
...	26.7	34.2	44.0	49.2	56.9	64.2	72.6	81.0	95.0	
...	24.6	29.1	32.1	39.3	49.0	54.1	61.7	69.0	77.4	85.7	99.6	
...	14.4	17.9	20.2	24.4	28.7	31.5	34.3	38.5	45.4	49.6	52.3	59.3	68.7	73.6	81.1	88.3	96.6	104.9	118.7	
...	22.5	29.9	34.3	37.1	44.2	53.8	58.9	66.4	73.7	82.0	90.3	104.2	
...	20.5	23.4	27.8	35.0	39.2	42.0	49.1	58.6	63.6	71.1	78.3	86.6	94.9	108.8	
...	15.4	20.0	24.4	27.2	30.0	34.3	41.3	45.5	48.3	55.2	64.7	69.6	77.1	84.3	92.6	100.9	114.7	
...	27.1	34.6	44.5	49.7	57.4	64.7	73.1	81.5	95.5	
...	25.1	29.6	32.5	39.8	49.5	54.6	62.2	69.5	77.9	86.2	100.1	
...	15.8	20.3	24.6	27.5	30.3	34.5	41.5	45.7	48.5	55.5	64.9	69.9	77.4	84.6	92.9	101.2	115.0	
...	23.0	30.4	34.7	37.6	44.7	54.3	59.4	66.9	74.2	82.5	90.9	104.7	
...	17.9	20.9	23.9	28.3	35.4	39.7	42.5	49.5	59.1	64.1	71.6	78.8	87.1	95.4	109.3	
...	24.6	35.1	45.0	50.1	57.8	65.2	73.6	82.0	96.0	
...	25.5	30.0	33.0	40.2	50.0	55.1	62.7	70.0	78.4	86.7	100.6	
...	13.6	16.0	20.5	24.8	27.7	30.5	34.8	41.8	46.0	48.8	55.7	65.2	70.2	77.6	84.8	93.1	101.4	115.2	
...	18.1	21.1	24.1	28.5	35.7	39.9	42.8	49.8	59.3	64.3	71.8	79.1	87.4	95.7	109.5	
...	23.4	30.8	35.2	38.1	45.2	54.8	59.9	67.4	74.7	83.0	91.4	105.2	
...	28.0	35.5	45.4	50.6	58.3	65.7	74.1	82.5	96.5	
...	13.7	16.2	20.6	24.6	27.8	30.6	34.9	41.9	46.1	48.9	55.9	65.3	70.3	77.8	85.0	93.3	101.6	115.4	
...	13.8	16.3	20.7	25.1	27.9	30.8	35.0	42.0	46.2	49.0	56.0	65.4	70.4	77.9	85.1	93.4	101.7	115.5	
...	18.3	21.4	24.3	28.7	35.9	40.2	43.0	50.0	59.6	64.6	72.1	79.3	87.6	96.0	109.8	
...	26.0	...	30.5	33.4	40.7	50.4	55.5	63.2	70.5	78.9	87.2	101.1	
...	25.4	28.5	36.0	45.9	51.1	58.8	66.2	74.6	83.0	97.0
...	23.9	31.3	35.7	38.5	45.7	55.3	60.4	67.9	75.2	83.5	91.9	105.7	
...	18.5	21.6	24.6	28.9	36.1	40.4	43.2	50.3	59.8	64.8	72.3	79.6	87.9	96.2	110.1	
...	26.4	30.9	33.9	41.2	50.9	56.0	63.6	70.9	79.3	87.7	101.6	
...	19.5	24.1	31.5	35.9	38.8	45.9	55.5	60.6	68.2	75.4	83.8	92.1	106.0	
...	18.8	21.8	24.8	29.2	36.4	40.6	43.5	50.5	60.1	65.1	72.6	79.8	88.2	96.5	110.3	
...	25.8	28.9	36.4	46.4	51.6	59.3	66.6	75.1	93.5	97.5
...	19.7	24.3	31.8	36.1	39.0	46.2	55.8	60.8	68.4	75.7	84.0	92.4	106.3	
...	19.0	22.0	25.0	29.4	36.6	40.9	43.7	50.8	60.3	65.3	72.9	80.1	88.4	96.7	110.6	
...	26.8	...	31.4	34.3	41.6	51.4	56.5	64.1	71.4	79.8	88.2	102.1	
...	26.2	29.3	36.9	46.8	52.0	59.7	67.1	75.6	84.0	98.0
...	19.9	24.5	32.0	36.4	39.2	46.4	56.0	61.1	68.7	75.9	84.3	92.6	106.5	
...	19.1	22.1	25.1	29.5	36.7	41.0	43.8	50.9	60.4	65.5	73.0	80.2	88.5	96.9	110.7	
...	27.1	31.6	34.5	41.9	51.6	56.7	64.4	71.7	80.1	88.5	102.4	
...	19.2	22.2	25.2	29.6	36.8	41.1	44.0	51.0	60.6	65.6	73.1	80.3	88.7	97.0	110.8	
...	20.1	24.8	32.2	36.6	39.5	46.69	56.3	61.3	68.8	76.2	84.5	92.9	106.8	
...	27.3	31.8	34.8	42.1	51.9	57.0	64.6	71.9	80.3	88.7	102.7	
...	26.7	29.8	37.3	47.3	52.5	60.2	67.6	76.1	84.5	98.5
...	20.3	25.0	32.4	36.8	39.7	46.9	56.5	61.6	69.2	76.4	84.8	93.1	107.0	
...	27.5	...	32.0	35.0	42.3	52.1	57.2	64.9	72.2	80.6	89.0	102.9	
...	26.9	30.0	37.5	47.5	52.7	60.5	67.8	76.3	84.7	98.7
...	20.5	25.1	32.6	36.9	39.8	47.0	56.6	61.7	69.3	76.5	84.9	93.3	107.2	
...	20.6	25.2	32.7	37.0	39.9	47.1	56.7	61.8	69.4	76.7	85.0	93.4	107.3	
...	27.7	32.2	35.2	42.5	52.3	57.5	65.1	72.4	80.8	89.2	103.2	
...	27.1	30.2	37.8	47.8	53.0	60.7	68.1	76.5	85.0	99.0
...	27.3	30.4	38.0	48.0	53.2	60.9	68.3	76.8	85.2	99.2
...	27.9	32.5	35.5	42.8	52.6	57.7	65.3	72.7	81.1	89.5	103.4	
...	28.0	32.6	35.6	42.9	52.7	57.8	65.5	72.8	81.2	89.6	103.5	
...	27.5	30.7	38.2	48.2	53.4	61.2	68.6	77.0	85.5	99.5	
...	28.2	...	32.7	35.7	43.0	52.8	57.9	65.6	72.9	81.3	89.7	103.7	
...	23.0	...	27.8	30.9	38.4	48.4	53.7	61.4	68.8	77.3	85.7	99.7	
...	23.1	...	27.9	31.0	38.6	48.6	53.8	61.5	68.9	77.4	85.8	99.8	
...	23.2	...	28.0	31.1	38.7	48.7	53.9	61.6	69.0	77.5	86.0	100.0	
.8	.9	.95	1.0	1.05	1.1	.9																

* These belts are not available in RPP construction.

HTS 14 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1160 RPM Driver									
		Driver		Driven		RPP™ Belt Widths					RPP™ PLUS Belt Widths				
		No. Teeth	P.D.	No. Teeth	P.D.	40	55	85	115	170	40	55	85	115	170
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															
1160	1.00	28	4.912	28	4.912	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
1160	1.00	29	5.088	29	5.088	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
1160	1.00	30	5.263	30	5.263	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
1160	1.00	32	5.614	32	5.614	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
1160	1.00	34	5.965	34	5.965	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
1160	1.00	36	6.316	36	6.316	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
1160	1.00	38	6.667	38	6.667	32.6	47.6	77.6	108.0	...	41.2	60.3	98.5	137.0	...
1160	1.00	40	7.018	40	7.018	34.1	49.9	81.4	113.0	171	43.7	64.0	105.0	145.0	219
1160	1.00	44	7.720	44	7.720	37.2	54.4	88.8	123.0	186	48.8	71.4	117.0	162.0	245
1160	1.00	48	8.421	48	8.421	40.2	58.8	96.0	133.0	201	53.9	78.9	129.0	179.0	270
1160	1.00	52	9.123	52	9.123	43.2	63.1	103.0	143.0	216	59.0	86.4	141.0	196.0	296
1160	1.00	56	9.825	56	9.825	46.0	67.3	110.0	152.0	230	64.2	94.0	154.0	213.0	322
1160	1.00	60	10.527	60	10.527	48.8	71.3	116.0	161.0	244	69.3	102.0	166.0	230.0	348
1160	1.00	64	11.229	64	11.229	51.4	75.2	123.0	170.0	257	74.5	109.0	178.0	248.0	375
1160	1.00	68	11.930	68	11.930	54.0	78.9	129.0	179.0	270	79.6	117.0	191.0	265.0	401
1160	1.00	72	12.632	72	12.632	56.4	82.5	135.0	187.0	282	84.8	124.0	203.0	282.0	427
1160	1.00	80	14.036	80	14.036	61.0	89.2	145.0	202.0	305	95.0	139.0	228.0	317.0	479
1121	1.03	29	5.088	30	5.263	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
1120	1.04	28	4.912	29	5.088	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
1102	1.05	38	6.67	40	7.018	32.6	47.6	77.6	108.0	...	41.2	60.3	98.5	137.0	...
1099	1.06	36	6.316	38	6.667	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
1096	1.06	34	5.965	36	6.316	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
1096	1.06	68	11.930	72	12.632	54.0	78.9	129.0	179.0	270	79.6	117.0	191.0	265.0	401
1092	1.06	32	5.614	34	5.965	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
1092	1.06	64	11.229	68	11.930	51.4	75.2	123.0	170.0	257	74.5	109.0	178.0	248.0	375
1088	1.07	30	5.263	32	5.614	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
1088	1.07	60	10.527	64	11.229	48.8	71.3	116.0	161.0	244	69.3	102.0	166.0	230.0	348
1083	1.07	28	4.912	30	5.263	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
1083	1.07	56	9.825	60	10.527	46.0	67.3	110.0	152.0	230	64.2	94.0	154.0	213.0	322
1077	1.08	52	9.123	56	9.825	43.2	63.1	103.0	143.0	216	59.0	86.4	141.0	196.0	296
1071	1.08	48	8.421	52	9.123	40.2	58.8	96.0	133.0	201	53.9	78.9	129.0	179.0	270
1063	1.09	44	7.720	48	8.421	37.2	54.4	88.8	123.0	186	48.8	71.4	117.0	162.0	245
1055	1.10	40	7.018	44	7.720	34.1	49.9	81.4	113.0	171	43.7	64.0	105.0	145.0	219
1051	1.10	29	5.088	32	5.614	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
1044	1.11	36	6.316	40	7.018	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
1044	1.11	72	12.632	80	14.036	56.4	82.5	135.0	187.0	282	84.8	124.0	203.0	282.0	427
1038	1.12	34	5.965	38	6.667	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
1031	1.13	32	5.614	36	6.316	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
1031	1.13	64	11.229	72	12.632	51.4	75.2	123.0	170.0	257	74.5	109.0	178.0	248.0	375
1031	1.13	80	14.036	90	15.790	61.0	89.2	145.0	202.0	305	95.0	139.0	228.0	317.0	479
1024	1.13	30	5.263	34	5.965	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
1024	1.13	60	10.527	68	11.930	48.8	71.3	116.0	161.0	244	69.3	102.0	166.0	230.0	348
1015	1.14	28	4.912	32	5.614	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
1015	1.14	56	9.825	64	11.229	46.0	67.3	110.0	152.0	230	64.2	94.0	154.0	213.0	322
1005	1.15	52	9.123	60	10.527	43.2	63.1	103.0	143.0	216	59.0	86.4	141.0	196.0	296
1002	1.16	38	6.667	44	7.720	32.6	47.6	77.6	108.0	...	41.2	60.3	98.5	137.0	...
994	1.17	48	8.421	56	9.825	40.2	58.8	96.0	133.0	201	53.9	78.9	129.0	179.0	270
989	1.17	29	5.088	34	5.965	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
986	1.18	34	5.965	40	7.018	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															



HTS 14 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																					
BELT LENGTH CODE DESIGNATION																					
966	1190	1400	1610	1778	1890	2100	2310	2450	2590	2800	3150	3360	3500	3850	4326	4578	4956	5320*	5740*	6160*	6860*
.8		.9		.95		1.0			1.05			1.1				.9					
11.3	15.7	19.8	24.0	27.3	29.5	33.6	37.8	40.5	43.3	47.4	54.3	58.4	61.2	68.1	77.4	82.4	89.8	97.0	105.3	113.5	127.3
11.0	15.4	19.6	23.7	27.0	29.2	33.4	37.5	40.2	43.0	47.1	54.0	58.2	60.9	67.8	77.2	82.1	89.6	96.7	105.0	113.3	127.1
10.8	15.2	19.3	23.4	26.7	28.9	33.1	37.2	40.0	42.7	46.9	53.7	57.9	60.6	67.5	76.9	81.9	89.3	96.5	104.7	113.0	126.8
10.2	14.6	18.7	22.9	26.2	28.4	32.5	36.7	39.4	42.2	46.3	53.2	57.3	60.1	67.0	76.3	81.3	88.7	95.9	104.2	112.4	126.2
9.7	14.1	18.2	22.3	25.6	27.8	32.0	36.1	38.9	41.6	45.8	52.6	56.8	59.5	66.4	75.8	80.8	88.2	95.4	103.6	111.9	125.7
9.1	13.5	17.6	21.8	25.1	27.3	31.4	35.6	38.3	41.1	45.2	52.1	56.2	59.0	65.9	75.2	80.2	87.6	94.8	103.1	111.3	125.1
8.5	13.0	17.1	21.2	24.5	26.7	30.9	35.0	37.8	40.5	44.7	51.5	55.7	58.4	65.3	74.7	79.7	87.1	94.3	102.5	110.8	124.6
...	12.4	16.5	20.7	24.0	26.2	30.3	34.5	37.2	40.0	44.1	51.0	55.1	57.9	64.8	74.1	79.1	86.5	93.7	102.0	110.2	124.0
...	11.3	15.4	19.6	22.9	25.1	29.2	33.4	36.1	38.9	43.0	49.9	54.0	56.8	63.7	73.0	78.0	85.4	92.6	100.9	109.1	122.9
...	10.2	14.3	18.5	21.8	24.0	28.1	32.3	35.0	37.8	41.9	48.8	52.9	55.7	62.6	71.9	76.9	84.3	91.5	99.8	108.0	121.8
...	...	13.2	17.4	20.7	22.9	27.0	31.1	33.9	36.7	40.8	47.7	51.8	54.6	61.5	70.8	75.8	83.2	90.4	98.7	106.9	120.7
...	...	12.1	16.3	19.6	21.8	25.9	30.0	32.8	35.6	39.7	46.6	50.7	53.5	60.4	69.7	74.7	82.1	89.3	97.6	105.8	119.6
...	...	...	15.2	18.5	20.7	24.8	28.9	31.7	34.5	38.6	45.5	49.6	52.4	59.3	68.6	73.6	81.0	88.2	96.5	104.7	118.5
...	...	...	14.1	17.4	19.6	23.7	27.8	30.6	33.4	37.5	44.4	48.5	51.3	58.2	67.5	72.5	79.9	87.1	95.4	103.6	117.4
...	...	...	...	16.3	18.5	22.6	26.7	29.5	32.3	36.4	43.3	47.4	50.2	57.1	66.4	71.4	78.8	86.0	94.3	102.5	116.3
...	...	...	...	15.2	17.4	21.5	25.6	28.4	31.2	35.3	42.2	46.3	49.1	56.0	65.3	70.3	77.7	84.9	93.2	101.4	115.2
...	...	...	...	...	15.2	19.3	23.4	26.2	28.9	33.1	40.0	44.1	46.9	53.8	63.1	68.1	75.5	82.7	91.0	99.2	113.0
10.9	15.3	19.4	23.6	26.9	29.1	33.2	37.3	40.1	42.9	47.0	53.9	58.0	60.8	67.7	77.0	82.0	89.4	96.6	104.9	113.1	126.9
11.2	15.6	19.7	23.8	27.1	29.4	33.5	37.6	40.4	43.1	47.3	54.2	58.3	61.0	67.9	77.3	82.3	89.7	96.9	105.1	113.4	127.2
8.3	12.7	16.8	20.9	24.3	26.5	30.6	34.7	37.5	40.2	44.4	51.3	55.4	58.2	65.0	74.4	79.4	86.8	94.0	102.2	110.5	124.3
8.8	13.2	17.4	21.5	24.8	27.0	31.1	35.3	38.0	40.8	44.9	51.8	55.9	58.7	65.6	75.0	79.9	87.4	94.5	102.8	111.1	124.8
9.4	13.8	17.9	22.1	25.4	27.6	31.7	35.8	38.6	41.3	45.5	52.4	56.5	59.3	66.1	75.5	80.5	87.9	95.1	103.4	111.6	125.4
...	...	...	...	15.7	17.9	22.1	26.2	28.9	31.7	35.8	42.7	46.9	49.6	56.5	65.9	70.8	78.3	85.4	93.7	102.0	115.8
9.9	14.3	18.5	22.6	25.9	28.1	32.2	36.4	39.1	41.9	46.0	52.9	57.1	59.8	66.7	76.1	81.0	88.5	95.6	103.9	112.2	125.9
...	...	...	13.5	16.8	19.0	23.2	27.3	30.0	32.8	36.9	43.8	48.0	50.7	57.6	67.0	71.9	79.4	86.5	94.8	103.1	116.9
10.5	14.9	19.0	23.2	26.5	28.7	32.8	36.9	39.7	42.4	46.6	53.5	57.6	60.4	67.2	76.6	81.6	89.0	96.2	104.5	112.7	126.5
...	...	...	14.6	17.9	20.1	24.3	28.4	31.1	33.9	38.0	44.9	49.1	51.8	58.7	68.1	73.0	80.5	87.6	95.9	104.2	118.0
11.0	15.4	19.6	23.7	27.0	29.2	33.3	37.5	40.2	43.0	47.1	54.0	58.2	60.9	67.8	77.2	82.1	89.6	96.7	105.0	113.3	127.1
...	...	11.6	15.7	19.0	21.2	25.4	29.5	32.3	35.0	39.1	46.0	50.2	52.9	59.8	69.2	74.1	81.6	88.7	97.0	105.3	119.1
...	...	12.7	16.8	20.1	22.3	26.5	30.6	33.4	36.1	40.2	47.1	51.3	54.0	60.9	70.3	75.2	82.7	89.8	98.1	106.4	120.2
...	...	13.8	17.9	21.2	23.4	27.6	31.7	34.5	37.2	41.3	48.2	52.4	55.1	62.0	71.4	76.3	83.8	91.0	99.2	107.5	121.3
...	10.7	14.9	19.0	22.3	24.5	28.7	32.8	35.6	38.3	42.4	49.3	53.5	56.2	63.1	72.5	77.4	84.9	92.1	100.3	108.6	122.4
...	11.9	16.0	20.1	23.4	25.6	29.8	33.9	36.7	39.4	43.5	50.4	54.6	57.3	64.2	73.6	78.5	86.0	93.2	101.4	109.7	123.5
10.6	15.0	19.2	23.3	26.6	28.8	32.9	37.1	39.8	42.6	46.7	53.6	57.7	60.5	67.4	76.8	81.7	89.2	96.3	104.6	112.9	126.6
8.5	13.0	17.1	21.2	24.5	26.7	30.9	35.0	37.8	40.5	44.6	51.5	55.7	58.4	65.3	74.7	79.7	87.1	94.3	102.5	110.8	124.6
...	...	...	...	...	16.3	20.4	24.5	27.3	30.0	34.2	41.1	45.2	48.0	54.9	64.2	69.2	76.6	83.8	92.1	100.3	114.1
9.1	13.5	17.6	21.8	25.1	27.3	31.4	35.6	38.3	41.1	45.2	52.1	56.2	59.0	65.9	75.2	80.2	87.6	94.8	103.1	111.3	125.1
9.6	14.1	18.2	22.3	25.6	27.8	32.0	36.1	38.9	41.6	45.8	52.6	56.8	59.5	66.4	75.8	80.8	88.2	95.4	103.6	111.9	125.7
...	...	...	...	16.3	18.5	22.6	26.7	29.5	32.2	36.4	43.3	47.4	50.2	57.1	66.4	71.4	78.8	86.0	94.3	102.5	116.3
...	...	...	...	...	...	17.9	22.0	24.8	27.6	31.7	38.6	42.7	45.5	52.4	61.7	66.7	74.1	81.3	89.6	97.8	111.6
10.2	14.6	18.7	22.9	26.2	28.4	32.5	36.7	39.4	42.2	46.3	53.2	57.3	60.1	67.0	76.3	81.3	88.7	95.9	104.2	112.4	126.2
...	...	...	14.0	17.4	19.6	23.7	27.8	30.6	33.3	37.5	44.4	48.5	51.3	58.2	67.5	72.5	79.9	87.1	95.4	103.6	117.4
10.7	15.2	19.3	23.4	26.7	28.9	33.1	37.2	40.0	42.7	46.9	53.7	57.9	60.6	67.5	76.9	81.9	89.3	96.5	104.7	113.0	126.8
...	...	...	15.1	18.5	20.7	24.8	28.9	31.7	34.4	38.6	45.5	49.6	52.4	59.3	68.6	73.6	81.0	88.2	96.5	104.7	118.5
...	...	12.1	16.3	19.6	21.8	25.9	30.0	32.8	35.6	39.7	46.6	50.7	53.5	60.4	69.7	74.7	82.1	89.3	97.6	105.8	119.6
...	12.1	16.3	20.4	23.7	25.9	30.0	34.2	36.9	39.7	43.8	50.7	54.8	57.6	64.5	73.9	78.8	86.3	93.4	101.7	110.0	123.7
...	...	13.2	17.4	20.7	22.9	27.0	31.1	33.9	36.7	40.8	47.7	51.8	54.6	61.5	70.8	75.8	83.2	90.4	98.7	106.9	120.7
10.3	14.7	18.9	23.0	26.3	28.5	32.7	36.8	39.5	42.3	46.4	53.3	57.5	60.2	67.1	76.5	81.4	88.9	96.0	104.3	112.6	126.4
8.8	13.2	17.4	21.5	24.8	27.0	31.1	35.3	38.0	40.8	44.9	51.8	55.9	58.7	65.6	75.0	79.9	87.4	94.5	102.8	111.1	124.8
...	...	...	...	14.6	16.8	20.9	25.1	27.8	30.6	34.7	41.6	45.7	48.5	55.4	64.8	69.7	77.2	84.3	92.6	100.9	114.7
.8		.9		.95		1.0			1.05			1.1				.9					

* These belts are not available in RPP construction.

HTS 14 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1160 RPM Driver									
		Driver		Driven		RPP™ Belt Widths					RPP™ PLUS Belt Widths				
		No. Teeth	P.D.	No. Teeth	P.D.	40	55	85	115	170	40	55	85	115	170
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															
982	1.18	44	7.720	52	9.123	37.2	54.4	88.8	123.0	186	48.8	71.4	117.0	162.0	245
977	1.19	32	5.614	38	6.667	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
967	1.20	30	5.263	36	6.316	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
967	1.20	40	7.018	48	8.421	34.1	49.9	81.4	113.0	171	43.7	64.0	105.0	145.0	219
967	1.20	60	10.527	72	12.632	48.8	71.3	116.0	161.0	244	69.3	102.0	166.0	230.0	348
955	1.21	28	4.912	34	5.965	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
955	1.21	56	9.825	68	11.930	46.0	67.3	110.0	152.0	230	64.2	94.0	154.0	216.0	322
949	1.22	36	6.316	44	7.720	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
943	1.23	52	9.123	64	11.229	43.2	63.1	103.0	143.0	216	59.0	86.4	141.0	196.0	296
934	1.24	29	5.088	36	6.316	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
928	1.25	32	5.614	40	7.018	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
928	1.25	48	8.421	60	10.527	40.2	58.8	96.0	133.0	201	53.9	78.9	129.0	179.0	270
928	1.25	64	11.229	80	14.036	51.4	75.2	123.0	170.0	257	74.5	109.0	178.0	248.0	375
928	1.25	72	12.632	90	15.790	56.4	82.5	135.0	187.0	282	84.8	124.0	203.0	282.0	427
918	1.26	38	6.667	48	8.421	32.6	47.6	77.6	108.0	...	41.2	60.3	98.5	137.0	...
916	1.27	30	5.263	38	6.667	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
911	1.27	44	7.720	56	9.825	37.2	54.4	88.8	123.0	186	48.8	71.4	117.0	162.0	245
902	1.29	28	4.912	36	6.316	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
902	1.29	56	9.825	72	12.632	46.0	67.3	110.0	152.0	230	64.2	94.0	154.0	213.0	322
896	1.29	34	5.965	44	7.720	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
892	1.30	40	7.018	52	9.123	34.1	49.9	81.4	113.0	171	43.7	64.0	105.0	145.0	219
887	1.31	52	9.123	68	11.930	43.2	63.1	103.0	143.0	216	59.0	86.4	141.0	196.0	296
885	1.31	29	5.088	38	6.667	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
876	1.32	68	11.930	90	15.790	54.0	78.9	129.0	179.0	270	79.6	117.0	191.0	265.0	401
870	1.33	30	5.263	40	7.018	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
870	1.33	36	6.316	48	8.421	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
870	1.33	48	8.421	64	11.229	40.2	58.8	76.0	133.0	201	53.9	78.9	129.0	179.0	270
870	1.33	60	10.527	80	14.036	48.8	71.3	116.0	161.0	244	69.3	102.0	166.0	230.0	348
855	1.36	28	4.912	38	6.667	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
851	1.36	44	7.720	60	10.527	37.2	54.4	88.8	123.0	186	48.8	71.4	117.0	162.0	245
848	1.37	38	6.667	52	9.123	32.6	47.6	77.6	108.0	...	41.2	60.3	98.5	137.0	...
844	1.38	32	5.614	44	7.720	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
841	1.38	29	5.088	40	7.018	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
838	1.38	52	9.123	72	12.632	43.2	63.1	103.0	143.0	216	59.0	86.4	141.0	196.0	296
829	1.40	40	7.018	56	9.825	34.1	49.9	81.4	113.0	171	43.7	64.0	105.0	145.0	219
829	1.40	80	14.036	112	19.650	61.0	89.2	145.0	202.0	305	95.0	139.0	228.0	317.0	479
825	1.41	64	11.229	90	15.790	51.4	75.2	123.0	170.0	257	74.5	109.0	178.0	248.0	375
822	1.41	34	5.965	48	8.421	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
819	1.42	48	8.421	68	11.930	40.2	58.8	96.0	133.0	201	53.9	78.9	129.0	179.0	270
812	1.43	28	4.912	40	7.018	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
812	1.43	56	9.825	80	14.036	46.0	67.3	110.0	152.0	230	64.2	94.0	154.0	213.0	322
803	1.44	36	6.316	52	9.123	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
798	1.45	44	7.720	64	11.229	37.2	54.4	88.8	123.0	186	48.8	71.4	117.0	162.0	245
791	1.47	30	5.263	44	7.720	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
787	1.47	38	6.667	56	9.825	32.6	47.6	77.6	108.0	...	41.2	60.3	98.5	137.0	...
773	1.50	32	5.614	48	8.421	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
773	1.50	40	7.018	60	10.527	34.1	49.9	81.4	113.0	171	43.7	64.0	105.0	145.0	219
773	1.50	48	8.421	72	12.632	40.2	58.8	96.0	133.0	201	53.9	78.9	129.0	179.0	270
773	1.50	60	10.527	90	15.790	48.8	71.3	116.0	161.0	244	69.3	102.0	166.0	230.0	348
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															



HTS 14 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																					
BELT LENGTH CODE DESIGNATION																					
966	1190	1400	1610	1778	1890	2100	2310	2450	2590	2800	3150	3360	3500	3850	4326	4578	4956	5320*	5740*	6160*	6860*
.8	.9	.95	1.0	1.05	1.1	.9															
...	10.2	14.3	18.5	21.8	24.0	28.1	32.2	35.0	37.8	41.9	48.8	52.9	55.7	62.6	71.9	76.9	84.3	91.5	99.8	108.0	121.8
9.4	13.8	17.9	22.0	25.4	27.6	31.7	35.8	38.6	41.3	45.5	52.4	56.5	59.3	66.1	75.5	80.5	87.9	95.1	103.3	111.6	125.4
9.9	14.3	18.5	22.6	25.9	28.1	32.2	36.4	39.1	41.9	46.0	52.9	57.0	59.8	66.7	76.1	81.0	88.5	95.6	103.9	112.2	125.9
...	11.3	15.4	19.6	22.9	25.1	29.2	33.3	36.1	38.9	43.0	49.9	54.0	56.8	63.7	73.0	78.0	85.4	92.6	100.9	109.1	122.9
...	...	...	13.5	16.8	19.0	23.1	27.3	30.0	32.8	36.9	43.8	47.9	50.7	57.6	67.0	71.9	79.4	86.5	94.8	103.1	116.9
10.5	14.9	19.0	23.1	26.5	28.7	32.8	36.9	39.7	42.4	46.6	53.5	57.6	60.4	67.2	76.6	81.6	89.0	96.2	104.5	112.7	126.5
...	...	...	14.6	17.9	20.1	24.2	28.4	31.1	33.9	38.0	44.9	49.1	51.8	58.7	68.1	73.0	80.5	87.6	95.9	104.2	118.0
...	12.4	16.5	20.7	24.0	26.2	30.3	34.4	37.2	40.0	44.1	51.0	55.1	57.9	64.8	74.1	79.1	86.5	93.7	102.0	110.2	124.0
...	...	11.5	15.7	19.0	21.2	25.3	29.5	32.2	35.0	39.1	46.0	50.2	52.9	59.8	69.2	74.1	81.6	88.7	97.0	105.3	119.1
10.0	14.5	18.6	22.7	26.0	28.2	32.4	36.5	39.3	42.0	46.2	53.1	57.2	59.9	66.8	76.2	81.2	88.6	95.8	104.0	112.3	126.1
9.1	13.5	17.6	21.8	25.1	27.3	31.4	35.5	38.3	41.1	45.2	52.1	56.2	59.0	65.9	75.2	80.2	87.6	94.8	103.1	111.3	125.1
...	...	12.6	16.8	20.1	22.3	26.4	30.6	33.3	36.1	40.2	47.1	51.3	54.0	60.9	70.3	75.2	82.7	89.8	98.1	106.4	120.2
...	...	...	...	15.1	17.3	21.5	25.6	28.4	31.1	35.3	42.1	46.3	49.0	55.9	65.3	70.3	77.7	84.9	93.1	101.4	115.2
...	...	...	...	...	...	19.0	23.1	25.9	28.6	32.8	39.7	43.8	46.6	53.5	62.8	67.8	75.2	82.4	90.7	98.9	112.7
...	11.5	15.7	19.8	23.1	25.3	29.5	33.6	36.4	39.1	43.3	50.2	54.3	57.0	63.9	73.3	78.3	85.7	92.9	101.1	109.4	123.2
9.6	14.0	18.2	22.3	25.6	27.8	32.0	36.1	38.9	41.6	45.7	52.6	56.8	59.5	66.4	75.8	80.7	88.2	95.4	103.6	111.9	125.7
...	...	13.7	17.9	21.2	23.4	27.5	31.7	34.4	37.2	41.3	48.2	52.4	55.1	62.0	71.4	76.3	83.8	90.9	99.2	107.5	121.3
10.2	14.6	18.7	22.9	26.2	28.4	32.5	36.7	39.4	42.2	46.3	53.2	57.3	60.1	67.0	76.3	81.3	88.7	95.9	104.2	112.4	126.2
...	...	...	14.0	17.3	19.5	23.7	27.8	30.6	33.3	37.5	44.4	48.5	51.2	58.1	67.5	72.5	79.9	87.1	95.4	103.6	117.4
8.2	12.6	16.8	20.9	24.2	26.4	30.6	34.7	37.5	40.2	44.4	51.3	55.4	58.1	65.0	74.4	79.4	86.8	94.0	102.2	110.5	124.3
...	10.7	14.8	19.0	22.3	24.5	28.6	32.8	35.5	38.3	42.4	49.3	53.5	56.2	63.1	72.5	77.4	84.9	92.0	100.3	108.6	122.4
...	...	...	15.1	18.4	20.6	24.8	28.9	31.7	34.4	38.6	45.5	49.6	52.4	59.2	68.6	73.6	81.0	88.2	96.5	104.7	118.5
9.8	14.2	18.3	22.5	25.8	28.0	32.1	36.2	39.0	41.7	45.9	52.8	56.9	59.7	66.6	75.9	80.9	88.3	95.5	103.8	112.0	125.8
...	...	...	...	...	15.3	19.5	23.6	26.4	29.2	33.3	40.2	44.3	47.1	54.0	63.4	68.3	75.8	82.9	91.2	99.5	113.3
9.3	13.8	17.9	22.0	25.3	27.5	31.7	35.8	38.6	41.3	45.5	52.4	56.5	59.2	66.1	75.5	80.5	87.9	95.1	103.3	111.6	125.4
...	11.8	16.0	20.1	23.4	25.6	29.7	33.9	36.6	39.4	43.5	50.4	54.6	57.3	64.2	73.6	78.5	86.0	93.1	101.4	109.7	123.5
...	...	12.0	16.2	19.5	21.7	25.9	30.0	32.8	35.5	39.7	46.6	50.7	53.5	60.3	69.7	74.7	82.1	89.3	97.6	105.8	119.6
...	...	...	...	15.6	17.8	22.0	26.1	28.9	31.6	35.8	42.7	46.8	49.6	56.5	65.9	70.8	78.3	85.4	93.7	102.0	115.7
9.9	14.3	18.4	22.6	25.9	28.1	32.2	36.4	39.1	41.9	46.0	52.9	57.0	59.8	66.7	76.1	81.0	88.5	95.6	103.9	112.2	125.9
...	...	13.2	17.3	20.6	22.8	27.0	31.1	33.9	36.6	40.8	47.7	51.8	54.6	61.4	70.8	75.8	83.2	90.4	98.7	106.9	120.7
...	11.0	15.1	19.3	22.6	24.8	28.9	33.1	35.8	38.6	42.7	49.6	53.7	56.5	63.4	72.8	77.7	85.2	92.3	100.6	108.9	122.6
8.5	12.9	17.1	21.2	24.5	26.7	30.9	35.0	37.7	40.5	44.6	51.5	55.7	58.4	65.3	74.7	79.6	87.1	94.3	102.5	110.8	124.6
9.5	13.9	18.0	22.2	25.5	27.7	31.8	36.0	38.7	41.5	45.6	52.5	56.6	59.4	66.3	75.6	80.6	88.1	95.2	103.5	111.8	125.5
...	...	...	14.5	17.8	20.0	24.2	28.3	31.1	33.9	38.0	44.9	49.0	51.8	58.7	68.1	73.0	80.5	87.6	95.9	104.2	117.9
...	10.1	14.3	18.4	21.7	23.9	28.1	32.2	35.0	37.7	41.9	48.8	52.9	55.7	62.5	71.9	76.9	84.3	91.5	99.8	108.0	121.8
...	...	...	...	...	...	...	18.8	21.6	24.4	28.5	35.4	39.6	42.4	49.3	58.6	63.6	71.1	78.2	86.5	94.8	108.6
...	...	...	...	...	15.8	20.0	24.1	26.9	29.7	33.8	40.7	44.9	47.6	54.5	63.9	68.9	76.3	83.5	91.8	100.0	113.8
...	12.1	16.2	20.4	23.7	25.9	30.0	34.2	36.9	39.7	43.8	50.7	54.8	57.6	64.5	73.9	78.8	86.3	93.4	101.7	110.0	123.7
...	...	11.4	15.6	18.9	21.1	25.3	29.4	32.2	35.0	39.1	46.0	50.1	52.9	59.8	69.2	74.1	81.6	88.7	97.0	105.3	119.0
9.6	14.0	18.2	22.3	25.6	27.8	32.0	36.1	38.8	41.6	45.7	52.6	56.8	59.5	66.4	75.8	80.7	88.2	95.4	103.6	111.9	125.7
...	...	...	...	16.1	18.3	22.5	26.7	29.4	32.2	36.3	43.2	47.4	50.1	57.0	66.4	71.4	78.8	86.0	94.2	102.5	116.3
...	11.2	15.4	19.5	22.8	25.0	29.2	33.3	36.1	38.8	43.0	49.9	54.0	56.8	63.7	73.0	78.0	85.4	92.6	100.9	109.1	122.9
...	...	12.6	16.7	20.0	22.3	26.4	30.5	33.3	36.1	40.2	47.1	51.2	54.0	60.9	70.3	75.2	82.7	89.8	98.1	106.4	120.2
8.7	13.2	17.3	21.5	24.8	27.0	31.1	35.3	38.0	40.8	44.9	51.8	55.9	58.7	65.6	75.0	79.9	87.4	94.5	102.8	111.1	124.8
...	10.3	14.5	18.7	22.0	24.2	28.3	32.5	35.2	38.0	42.1	49.0	53.2	55.9	62.8	72.2	77.2	84.6	91.8	100.0	108.3	122.1
...	12.3	16.5	20.6	23.9	26.1	30.3	34.4	37.2	39.9	44.1	51.0	55.1	57.9	64.8	74.1	79.1	86.5	93.7	102.0	110.2	124.0
...	...	13.7	17.8	21.1	23.4	27.5	31.6	34.4	37.2	41.3	48.2	52.3	55.1	62.0	71.4	76.3	83.8	90.9	99.2	107.5	121.3
...	...	...	15.0	18.3	20.6	24.7	28.9	31.6	34.4	38.5	45.4	49.6	52.3	59.2	68.6	73.6	81.0	88.2	96.4	104.7	118.5
...	...	...	...	...	16.3	20.5	24.7	27.4	30.2	34.3	41.3	45.4	48.2	55.1	64.4	69.4	76.9	84.0	92.3	100.6	114.3
8.9	13.3	17.5	21.6	24.9	27.1	31.3	35.4	38.1	40.9	45.0	51.9	56.1	58.8	65.7	75.1	80.1	87.5	94.7	102.9	111.2	125.0
.8	.9	.95	1.0	1.05	1.1	.9															

* These belts are not available in RPP construction.

HTS 14 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1160 RPM Driver									
		Driver		Driven		RPP™ Belt Widths					RPP™ PLUS Belt Widths				
		No. Teeth	P.D.	No. Teeth	P.D.	40	55	85	115	170	40	55	85	115	170
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															
758	1.53	34	5.965	52	9.123	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
754	1.54	52	9.123	80	14.036	43.2	63.1	103.0	143.0	216	59.0	86.4	141.0	196.0	296
751	1.55	44	7.720	68	11.930	37.2	54.4	88.8	123.0	186	48.8	71.4	117.0	162.0	245
746	1.56	36	6.316	56	9.825	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
746	1.56	72	12.632	112	19.650	56.4	82.5	135.0	187.0	282	84.8	124.0	203	282.0	427
738	1.57	28	4.912	44	7.720	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
735	1.58	38	6.667	60	10.527	32.6	47.6	77.6	108.0	...	41.2	60.3	98.5	137.0	...
725	1.60	30	5.263	48	8.421	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
725	1.60	40	7.018	64	11.229	34.1	49.9	81.4	113.0	171	43.7	64.0	105.0	145.0	219
722	1.61	56	9.825	90	15.790	46.0	67.3	110.0	152.0	230	64.2	94.0	154.0	213.0	322
714	1.63	32	5.614	52	9.123	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
709	1.64	44	7.720	72	12.632	37.2	54.4	88.8	123.0	186	48.8	71.4	117.0	162.0	245
704	1.65	34	5.965	56	9.825	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
704	1.65	68	11.930	112	19.650	54.0	78.9	129.0	179.0	270	79.6	117.0	191.0	265.0	401
701	1.66	29	5.088	48	8.421	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
696	1.67	36	6.316	60	10.527	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
696	1.67	48	8.421	80	14.036	40.2	58.8	96.0	133.0	201	53.9	78.9	129.0	179.0	270
689	1.68	38	6.667	64	11.229	32.6	47.6	77.6	108.0	...	41.2	60.3	98.5	137.0	...
682	1.70	40	7.018	68	11.930	34.1	49.9	81.4	113.0	171	43.7	64.0	105.0	145.0	219
677	1.71	28	4.912	48	8.421	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
670	1.73	52	9.123	90	15.790	43.2	63.1	103.0	143.0	216	59.0	86.4	141.0	196.0	296
669	1.73	30	5.263	52	9.123	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
663	1.75	32	5.614	56	9.825	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
663	1.75	64	11.229	112	19.650	51.4	75.2	123.0	170.0	257	74.5	109.0	178.0	248.0	375
657	1.76	34	5.965	60	10.527	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
653	1.78	36	6.316	64	11.229	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
648	1.79	38	6.667	68	11.930	32.6	47.6	77.6	108.0	...	41.2	60.3	98.5	137.0	...
647	1.79	29	5.088	52	9.123	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
644	1.80	40	7.018	72	12.632	34.1	49.9	81.4	113.0	171	43.7	64.0	105.0	145.0	219
644	1.80	80	14.036	144	25.264	61.0	89.2	145.0	202.0	305	95.0	139.0	228.0	317.0	479
638	1.82	44	7.720	80	14.036	37.2	54.4	88.8	123.0	186	48.8	71.4	117.0	162.0	245
625	1.86	28	4.912	52	9.123	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
621	1.87	30	5.263	56	9.825	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
621	1.87	60	10.527	112	19.650	48.8	71.3	116.0	161.0	244	69.3	102.0	166.0	230.0	348
619	1.88	32	5.614	60	10.527	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
619	1.88	48	8.421	90	15.790	40.2	58.8	96.0	133.0	201	53.9	78.9	129.0	179.0	270
616	1.88	34	5.965	64	11.229	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
614	1.89	36	6.316	68	11.930	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
612	1.89	38	6.667	72	12.632	32.6	47.6	77.6	108.0	...	41.2	60.3	98.5	137.0	...
601	1.93	29	5.088	56	9.825	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
580	2.00	28	4.912	56	9.825	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
580	2.00	30	5.263	60	10.527	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
580	2.00	32	5.614	64	11.229	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
580	2.00	34	5.965	68	11.930	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
580	2.00	36	6.316	72	12.632	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
580	2.00	40	7.018	80	14.036	34.1	49.9	81.4	113.0	171	43.7	64.0	105.0	145.0	219
580	2.00	56	9.825	112	19.650	46.0	67.3	110.0	152.0	230	64.2	94.0	154.0	213.0	322
580	2.00	72	12.632	144	25.264	56.4	82.5	135.0	187.0	282	84.8	124.0	203.0	282.0	427
567	2.05	44	7.720	90	15.790	37.2	54.4	88.8	123.0	186	48.8	71.4	117.0	162.0	245
561	2.07	29	5.088	60	10.527	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															



HTS 14 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																					
BELT LENGTH CODE DESIGNATION																					
966	1190	1400	1610	1778	1890	2100	2310	2450	2590	2800	3150	3360	3500	3850	4326	4578	4956	5320*	5740*	6160*	6860*
.8	.9	.95	1.0	1.05	1.1	.9															
...	11.5	15.6	19.8	23.1	25.3	29.4	33.6	36.3	39.1	43.2	50.1	54.3	57.0	63.9	73.3	78.3	85.7	92.9	101.1	109.4	123.2
...	...	...	13.3	16.6	18.9	23.0	27.2	29.9	32.7	36.8	43.8	47.9	50.7	57.6	66.9	71.9	79.3	86.5	94.8	103.0	116.8
...	...	11.9	16.1	19.5	21.7	25.8	30.0	32.7	35.5	39.6	46.5	50.7	53.4	60.3	69.7	74.7	82.1	89.3	97.5	105.8	119.6
...	10.6	14.8	18.9	22.3	24.5	28.6	32.8	35.5	38.3	42.4	49.3	53.4	56.2	63.1	72.5	77.4	84.9	92.0	100.3	108.6	122.4
...	...	...	...	...	...	...	19.8	22.6	25.4	29.6	36.5	40.6	43.4	50.3	59.7	64.7	72.1	79.3	87.6	95.8	109.6
...	13.4	17.6	21.7	25.0	27.2	31.4	35.5	38.3	41.0	45.2	52.1	56.2	59.0	65.9	75.2	80.2	87.6	94.8	103.1	111.3	125.1
...	9.7	13.9	18.1	21.4	23.6	27.8	31.9	34.7	37.4	41.6	48.5	52.6	55.4	62.3	71.6	76.6	84.0	91.2	99.5	107.7	121.5
...	12.6	16.7	20.9	24.2	26.4	30.6	34.7	37.4	40.2	44.3	51.2	55.4	58.1	65.0	74.4	79.4	86.8	94.0	102.2	110.5	124.3
...	...	13.1	17.2	20.6	22.8	26.9	31.1	33.8	36.6	40.7	47.6	51.8	54.5	61.4	70.8	75.8	83.2	90.4	98.6	106.9	120.7
...	...	...	...	14.6	16.8	21.0	25.2	27.9	30.7	34.9	41.8	45.9	48.7	55.6	65.0	69.9	77.4	84.6	92.8	101.1	114.9
...	11.7	15.9	20.0	23.4	25.6	29.7	33.9	36.6	39.4	43.5	50.4	54.5	57.3	64.2	73.6	78.5	86.0	93.1	101.4	109.7	123.5
...	...	...	15.5	18.9	21.1	25.2	29.4	32.2	34.9	39.1	46.0	50.1	52.9	59.8	69.1	74.1	81.5	88.7	97.0	105.3	119.0
...	10.8	15.0	19.2	22.5	24.7	28.9	33.0	35.8	38.5	42.7	49.6	53.7	56.5	63.4	72.7	77.7	85.1	92.3	100.6	108.8	122.6
...	...	...	...	...	...	...	20.3	23.1	25.9	30.1	37.0	41.2	43.9	50.8	60.2	65.2	72.7	79.8	88.1	96.4	110.2
...	12.7	16.9	21.0	24.3	26.5	30.7	34.8	37.6	40.3	44.5	51.4	55.5	58.3	65.2	74.5	79.5	86.9	94.1	102.4	110.6	124.4
...	10.0	14.2	18.3	21.7	23.9	28.0	32.2	34.9	37.7	41.8	48.7	52.9	55.6	62.5	71.9	76.9	84.3	91.5	99.7	108.0	121.8
...	...	...	13.8	17.1	19.4	23.5	27.7	30.5	33.2	37.4	44.3	48.4	51.2	58.1	67.5	72.4	79.9	87.0	95.3	103.6	117.4
...	...	13.3	17.5	20.8	23.0	27.2	31.3	34.1	36.9	41.0	47.9	52.0	54.8	61.7	71.1	76.0	83.5	90.6	98.9	107.2	121.0
...	...	12.4	16.6	20.0	22.2	26.3	30.5	33.3	36.0	40.2	47.1	51.2	54.0	60.9	70.2	75.2	82.6	89.8	98.1	106.4	120.1
...	12.8	17.0	21.1	24.5	26.7	30.8	35.0	37.7	40.5	44.6	51.5	55.6	58.4	65.3	74.7	79.6	87.1	94.2	102.5	110.8	124.6
...	...	...	...	15.1	17.3	21.5	25.7	28.5	31.2	35.4	42.3	46.5	49.2	56.1	65.5	70.5	77.9	85.1	93.4	101.6	115.4
...	12.0	16.1	20.3	23.6	25.8	30.0	34.1	36.9	39.6	43.8	50.7	54.8	57.6	64.5	73.8	78.8	86.2	93.4	101.7	109.9	123.7
...	11.1	15.3	19.4	22.8	25.0	29.1	33.3	36.0	38.8	42.9	49.8	54.0	56.7	63.6	73.0	78.0	85.4	92.6	100.8	109.1	122.9
...	...	...	...	...	...	...	20.8	23.6	26.4	30.6	37.5	41.7	44.4	51.4	60.8	65.7	73.2	80.4	88.6	96.9	110.7
...	10.2	14.4	18.6	21.9	24.1	28.3	32.4	35.2	38.0	42.1	49.0	53.1	55.9	62.8	72.2	77.1	84.6	91.7	100.0	108.3	122.1
...	...	13.5	17.7	21.1	23.3	27.4	31.6	34.4	37.1	41.3	48.2	52.3	55.1	62.0	71.3	76.3	83.7	90.9	99.2	107.5	121.2
...	...	12.7	16.9	20.2	22.4	26.6	30.8	33.5	36.3	40.4	47.3	51.5	54.2	61.1	70.5	75.5	82.9	90.1	98.4	106.6	120.4
...	12.1	16.3	20.4	23.8	26.0	30.1	34.3	37.0	39.8	43.9	50.8	54.9	57.7	64.6	74.0	78.9	86.4	93.5	101.8	110.1	123.9
...	...	11.8	16.0	19.4	21.6	25.7	29.9	32.7	35.4	39.6	46.5	50.6	53.4	60.3	69.7	74.6	82.1	89.3	97.5	105.8	119.6
...	...	...	...	...	...	...	...	...	...	23.6	30.6	34.8	37.6	44.6	54.0	59.0	66.5	73.6	81.9	90.2	104.0
...	...	...	14.2	17.6	19.9	24.0	28.2	31.0	33.7	37.9	44.8	49.0	51.7	58.6	68.0	73.0	80.4	87.6	95.9	104.1	117.9
...	12.2	16.4	20.6	23.9	26.1	30.2	34.4	37.1	39.9	44.0	50.9	55.1	57.8	64.7	74.1	79.1	86.5	93.7	102.0	110.2	124.0
...	11.3	15.5	19.7	23.0	25.2	29.4	33.5	36.3	39.1	43.2	50.1	54.2	57.0	63.9	73.3	78.2	85.7	92.8	101.1	109.4	123.2
...	...	...	...	...	...	17.0	21.3	24.1	26.9	31.1	38.0	42.2	45.0	51.9	61.3	66.3	73.7	80.9	89.2	97.5	111.2
...	10.4	14.7	18.8	22.2	24.4	28.6	32.7	35.5	38.2	42.4	49.3	53.4	56.2	63.1	72.4	77.4	84.8	92.0	100.3	108.6	122.3
...	...	...	...	15.5	17.8	22.0	26.2	29.0	31.7	35.9	42.8	47.0	49.7	56.7	66.0	71.0	78.5	85.6	93.9	102.2	116.0
...	...	13.8	18.0	21.3	23.5	27.7	31.9	34.6	37.4	41.5	48.4	52.6	55.3	62.2	71.6	76.6	84.0	91.2	99.5	107.7	121.5
...	...	12.9	17.1	20.5	22.7	26.9	31.0	33.8	36.5	40.7	47.6	41.7	54.5	61.4	70.8	75.7	83.2	90.4	98.6	106.9	120.7
...	...	12.0	16.3	19.6	21.8	26.0	30.2	32.9	35.7	39.8	46.8	50.9	53.7	60.6	69.9	74.9	82.4	89.5	97.8	106.1	119.8
...	11.5	15.7	19.8	23.2	25.4	29.5	33.7	36.4	39.2	43.3	50.2	54.4	57.1	64.0	73.4	78.4	85.8	93.0	101.3	109.5	123.3
...	11.6	15.8	20.0	23.3	25.5	29.7	33.8	36.6	39.3	43.5	50.4	54.5	57.3	64.2	73.5	78.5	86.0	93.1	101.4	109.7	123.4
...	10.7	14.9	19.1	22.4	24.7	28.8	33.0	35.7	38.5	42.6	49.5	53.7	56.4	63.3	72.7	77.7	85.1	92.3	100.6	108.8	122.6
...	9.8	14.0	18.2	21.6	23.8	28.0	32.1	34.9	37.6	41.8	48.7	52.8	55.6	62.5	71.9	76.8	84.3	91.5	99.7	108.0	121.8
...	...	13.2	17.4	20.7	22.9	27.1	31.3	34.0	36.8	41.0	47.9	52.0	54.8	61.7	71.0	76.0	83.5	90.6	98.9	107.2	121.0
...	...	12.3	16.5	19.9	22.1	26.3	30.4	33.2	36.0	40.1	47.0	51.2	53.9	60.8	70.2	75.2	82.6	89.8	98.1	106.3	120.1
...	...	...	14.7	18.1	20.4	24.5	28.7	31.5	34.3	38.4	45.3	49.5	52.2	59.1	68.5	73.5	80.9	88.1	96.4	104.7	118.5
...	...	...	...	...	...	17.5	21.7	24.6	27.4	31.6	38.5	42.7	45.5	52.4	61.8	66.8	74.2	81.4	89.7	98.0	111.8
...	...	...	...	...	...	...	...	...	20.2	24.5	31.6	35.8	38.6	45.6	55.0	60.0	67.5	74.7	83.0	91.3	105.1
...	...	...	...	16.0	18.3	22.5	26.7	29.5	32.3	36.4	43.3	47.5	50.3	57.2	66.6	71.5	79.0	86.2	94.4	102.7	116.5
...	10.8	15.0	19.2	22.6	24.8	28.9	33.1	35.9	38.6	42.8	49.7	53.8	56.6	63.5	72.8	77.8	85.3	92.4	100.7	109.0	122.7
.8	.9	.95	1.0	1.05	1.1	.9															

* These belts are not available in RPP construction.

HTS 14 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1160 RPM Driver									
		Driver		Driven		RPP™ Belt Widths					RPP™ PLUS Belt Widths				
		No. Teeth	P.D.	No. Teeth	P.D.	40	55	85	115	170	40	55	85	115	170
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															
552	2.10	80	14.036	168	29.475	61.0	89.2	145.0	202.0	305	95.0	139.0	228.0	317.0	479
551	2.11	38	6.667	80	14.036	32.6	47.6	77.6	108.0	...	41.2	60.3	98.5	137.0	...
548	2.12	34	5.965	72	12.632	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
548	2.12	68	11.930	144	25.264	54.0	78.9	129.0	179.0	270	79.6	117.0	191.0	265.0	401
546	2.13	32	5.614	68	11.930	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
544	2.13	30	5.263	64	11.930	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
541	2.14	28	4.912	60	10.527	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
539	2.15	52	9.123	112	19.650	43.2	63.1	103.0	143.0	216	59.0	86.4	141.0	196.0	296
526	2.21	29	5.088	64	11.229	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
522	2.22	36	6.316	80	14.036	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
516	2.25	32	5.614	72	12.632	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
516	2.25	40	7.018	90	15.790	34.1	49.9	81.4	113.0	171	43.7	64.0	105.0	145.0	219
516	2.25	64	11.229	144	25.264	51.4	75.2	123.0	170.0	257	74.5	109.0	178.0	248.0	375
512	2.27	30	5.263	68	11.930	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
508	2.29	28	4.912	64	11.229	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
497	2.33	48	8.412	112	19.650	40.2	58.8	96.0	133.0	201	53.9	78.9	129.0	179.0	270
497	2.33	72	12.632	168	29.475	56.4	82.5	135.0	187.0	282	84.8	124.0	203.0	282.0	427
495	2.34	29	5.088	68	11.930	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
493	2.35	34	5.965	80	14.036	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
490	2.37	38	6.667	90	15.790	32.6	47.6	77.6	108.0	...	41.2	60.3	98.5	137.0	...
483	2.40	30	5.263	72	12.632	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
483	2.40	60	10.527	144	25.264	48.8	71.3	116.0	161.0	244	69.3	102.0	166.0	230.0	348
483	2.40	80	14.036	192	33.686	61.0	89.2	145.0	202.0	305	95.0	139.0	228.0	317.0	479
478	2.43	28	4.912	68	11.930	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
470	2.47	68	11.930	168	29.475	54.0	78.9	129.0	179.0	270	79.6	117.0	191	265.0	401
467	2.48	29	5.088	72	12.632	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
464	2.50	32	5.614	80	14.036	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
464	2.50	36	6.316	90	15.790	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
456	2.55	44	7.720	112	19.650	37.2	54.4	88.8	123.0	186	48.8	71.4	117.0	162.0	245
451	2.57	28	4.912	72	12.632	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
451	2.57	56	9.825	144	25.264	46.0	67.3	110.0	152.0	230	64.2	94.0	154.0	213.0	322
442	2.63	64	11.229	168	29.475	51.4	75.2	123.0	170.0	257	74.5	109.0	178.0	248.0	375
438	2.65	34	5.965	90	15.790	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
435	2.67	30	5.263	80	14.036	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
435	2.67	72	12.632	192	33.686	56.4	82.5	135.0	187.0	282	84.8	124.0	203.0	282.0	427
430	2.70	80	14.036	216	37.896	61.0	89.2	145.0	202.0	305	95.0	139.0	228.0	317.0	479
421	2.76	29	5.088	80	14.036	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
419	2.77	52	9.123	144	25.264	43.2	63.1	103.0	143.0	216	59.0	86.4	141.0	196.0	296
414	2.80	40	7.018	112	19.650	34.1	49.9	81.4	113.0	171	43.7	64.0	105.0	145.0	219
414	2.80	60	10.527	168	29.475	48.8	71.3	116.0	161.0	244	69.3	102.0	166.0	230.0	348
412	2.81	32	5.614	90	15.790	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
411	2.82	68	11.930	192	33.686	54.0	78.9	129.0	179.0	270	79.6	117.0	191.0	265.0	401
406	2.86	28	4.912	80	14.036	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
394	2.95	38	6.667	112	19.650	32.6	47.6	77.6	108.0	...	41.2	60.3	98.5	137.0	...
387	3.00	30	5.263	90	15.790	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
387	3.00	48	8.421	144	25.264	40.2	58.8	96.0	133.0	201	53.9	78.9	129.0	179.0	270
387	3.00	56	9.825	168	29.475	46.0	67.3	110.0	152.0	230	64.2	94.0	154.0	213.0	322
387	3.00	64	11.229	192	33.686	51.4	75.2	123.0	170.0	257	74.5	109.0	178.0	248.0	375
387	3.00	72	12.632	216	37.896	56.4	82.5	135.0	187.0	282	84.8	124.0	203.0	282.0	427
374	3.10	29	5.088	90	15.790	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															



HTS 14 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																					
BELT LENGTH CODE DESIGNATION																					
966	1190	1400	1610	1778	1890	2100	2310	2450	2590	2800	3150	3360	3500	3850	4326	4578	4956	5320*	5740*	6160*	6860*
.8	.9	.95	1.0			1.05			1.1				.9								
...	26.7	31.0	33.8	40.9	50.4	55.4	62.9	70.1	78.4	86.7	100.6
...	15.0	18.4	20.6	24.8	29.0	31.7	34.5	38.7	45.6	49.7	52.5	59.4	68.8	73.8	81.2	88.4	96.7	104.9	118.7
...	...	12.5	16.7	20.1	22.3	26.5	30.7	33.4	36.2	40.4	47.3	51.4	54.2	61.1	70.5	75.4	82.9	90.1	98.3	106.6	120.4
...	20.7	25.0	32.1	36.3	39.1	46.1	55.5	60.5	68.0	75.2	83.5	91.8	105.6
...	...	13.4	17.6	21.0	23.2	27.4	31.5	34.3	37.1	41.2	48.1	52.3	55.0	61.9	71.3	76.3	83.7	90.9	99.2	107.4	121.2
...	...	14.3	18.5	21.8	24.1	28.2	32.4	35.1	37.9	42.1	49.0	53.1	55.9	62.8	72.1	77.1	84.6	91.7	100.0	108.3	122.1
...	...	15.2	19.4	22.7	24.9	29.1	33.2	36.0	38.8	42.9	49.8	53.9	56.7	63.6	73.0	77.9	85.4	92.6	100.8	109.1	122.9
...	17.9	22.2	25.1	27.9	32.1	39.0	43.2	46.0	52.9	62.3	67.3	74.8	82.0	90.2	98.5	112.3
...	...	14.4	18.6	22.0	24.2	28.4	32.5	35.3	38.0	42.2	49.1	53.2	56.0	62.9	72.3	77.2	84.7	91.9	100.1	108.4	122.2
...	15.2	18.6	20.8	25.0	29.2	32.0	34.8	38.9	45.9	50.0	52.8	59.7	69.1	74.0	81.5	88.7	96.9	105.2	119.0
...	...	12.7	17.0	20.4	22.6	26.8	30.9	33.7	36.5	40.6	47.5	51.7	54.5	61.4	70.7	75.7	83.2	90.3	98.6	106.9	120.7
...	13.0	16.5	18.8	23.0	27.2	30.0	32.8	36.9	43.9	48.0	50.8	57.7	67.1	72.1	79.5	86.7	95.0	103.3	117.0
...	21.1	25.5	32.6	36.8	39.6	46.6	56.0	61.0	68.5	75.7	84.0	92.3	106.1
...	...	13.6	17.9	21.2	23.5	27.6	31.8	34.6	37.3	41.5	48.4	52.5	55.3	62.2	71.6	76.5	84.0	91.2	99.4	107.7	121.5
...	...	14.5	18.7	22.1	24.3	28.5	32.6	35.4	38.2	42.3	49.2	53.4	56.1	63.0	72.4	77.4	84.8	92.0	100.3	108.5	122.3
...	18.4	22.7	25.5	28.4	32.6	39.5	43.7	46.5	53.4	62.8	67.8	75.3	82.5	90.8	99.1	112.9
...	27.6	31.9	34.8	41.8	51.4	56.4	63.9	71.1	79.5	87.8	101.6
...	...	13.8	18.0	21.3	23.6	27.8	31.9	34.7	37.5	41.6	48.5	52.7	55.4	62.3	71.7	76.7	84.1	91.3	99.6	107.8	121.6
...	15.4	18.8	21.1	25.3	29.5	32.3	35.0	39.2	46.1	50.3	53.0	59.9	69.3	74.3	81.7	88.9	97.2	105.5	119.3
...	13.3	16.7	19.0	23.2	27.4	30.2	33.0	37.2	44.1	48.3	51.0	58.0	67.4	72.3	79.8	87.0	95.2	103.5	117.3
...	...	13.0	17.2	20.6	22.8	27.0	31.2	34.0	36.7	40.9	47.8	52.0	54.7	61.6	71.0	76.0	83.4	90.6	98.9	107.1	120.9
...	21.6	25.9	33.0	37.3	40.1	47.1	56.5	61.5	69.0	76.2	84.5	92.8	106.7
...	26.8	29.8	37.0	46.6	51.7	59.2	66.5	74.8	83.2	97.0
...	...	13.9	18.1	21.5	23.7	27.9	32.0	34.8	37.6	41.7	48.6	52.8	55.6	62.5	71.8	76.8	84.3	91.4	99.7	108.0	121.8
...	28.1	32.4	35.2	42.3	51.9	56.9	64.4	71.6	80.0	88.3	102.1
...	...	13.1	17.3	20.7	23.0	27.1	31.3	34.1	36.9	41.0	47.9	52.1	54.8	61.8	71.1	76.1	83.6	90.7	99.0	107.3	121.1
...	...	11.3	15.7	19.1	21.3	25.5	29.7	32.5	35.3	39.4	46.4	50.5	53.3	60.2	69.6	74.6	82.0	89.2	97.5	105.7	119.5
...	13.5	17.0	19.2	23.5	27.7	30.5	33.3	37.4	44.4	48.5	51.3	58.2	67.6	72.6	80.1	87.2	95.5	103.8	117.6
...	18.9	23.2	26.0	28.8	33.1	40.0	44.2	47.0	53.9	63.4	68.4	75.8	83.0	91.3	99.6	113.4
...	...	13.2	17.5	20.8	23.1	27.3	31.4	34.2	37.0	41.1	48.1	52.2	55.0	61.9	71.3	76.2	83.7	90.9	99.1	107.4	121.2
...	19.1	22.1	26.4	33.5	37.8	40.6	47.6	57.0	62.1	69.6	76.8	85.1	93.4	107.2
...	28.5	32.9	35.7	42.8	52.4	57.4	64.9	72.1	80.5	88.8	102.6
...	13.7	17.2	19.5	23.7	27.9	30.7	33.5	37.7	44.6	48.8	51.6	58.5	67.9	72.9	80.3	87.5	95.8	104.1	117.8
...	...	11.6	15.9	19.3	21.6	25.8	30.0	32.8	35.5	39.7	46.6	50.8	53.6	60.5	69.9	74.8	82.3	89.5	97.7	106.0	119.8
...	27.8	30.7	37.9	47.6	52.6	60.2	67.5	75.8	84.2	98.1
...	32.8	42.6	47.8	55.4	62.7	71.2	79.5	93.4
...	...	11.7	16.0	19.4	21.7	25.9	30.1	32.9	35.7	39.8	46.8	50.9	53.7	60.6	70.0	75.0	82.4	89.6	97.9	106.1	119.9
...	19.6	22.5	26.9	34.0	38.2	41.1	48.1	57.6	62.6	70.1	77.3	85.6	93.9	107.7
...	14.9	19.3	23.7	26.5	29.3	33.5	40.5	44.7	47.5	54.5	63.9	68.9	76.3	83.5	91.8	100.1	113.9
...	21.7	29.0	33.3	36.2	43.3	52.8	57.9	65.4	72.7	81.0	89.3	103.2
...	13.9	17.4	19.7	24.0	28.2	31.0	33.8	37.9	44.9	49.1	51.8	58.7	68.1	73.1	80.6	87.8	96.0	104.3	118.1
...	28.2	31.1	38.4	48.0	53.1	60.7	68.0	76.3	84.7	98.6
...	...	11.8	16.1	19.6	21.8	26.0	30.2	33.0	35.8	40.0	46.9	51.0	53.8	60.7	70.1	75.1	82.5	89.7	98.0	106.3	120.1
...	15.2	19.6	23.9	26.7	29.6	33.8	40.8	45.0	47.8	54.7	64.1	69.1	76.6	83.8	92.1	100.4	114.2
...	14.2	17.7	19.9	24.2	28.4	31.2	34.0	38.2	45.1	49.3	52.1	59.0	68.4	73.4	80.8	88.0	96.3	104.6	118.4
...	20.0	23.0	27.3	34.5	38.7	41.5	48.6	58.1	63.1	70.6	77.8	86.1	94.4	108.2
...	22.1	29.5	33.8	36.7	43.8	53.3	58.4	65.9	73.2	81.5	89.8	103.7
...	24.2	28.7	31.6	38.8	48.5	53.6	61.2	68.5	76.9	85.2	99.1
...	33.7	43.6	48.7	56.4	63.7	72.1	80.5	94.5
...	14.3	17.8	20.1	24.3	28.5	31.3	34.1	38.3	45.3	49.4	52.2	59.1	68.5	73.5	81.0	88.2	96.4	104.7	118.5
.8	.9	.95	1.0			1.05			1.1				.9								

* These belts are not available in RPP construction.

PULLEYS

HTS 14 mm Drive Selection Tables



DN RPM	Drive Ratio	Sprocket Combination				HP Ratings @ 1160 RPM Driver									
		Driver		Driven		RPP™ Belt Widths					RPP™ PLUS Belt Widths				
		No. Teeth	P.D.	No. Teeth	P.D.	40	55	85	115	170	40	55	85	115	170
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															
373	3.11	36	6.316	112	19.650	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
365	3.18	68	11.930	216	37.896	54.0	78.9	129.0	179.0	270	79.6	117.0	191.0	265.0	401
363	3.20	60	10.527	192	33.686	48.8	71.3	116.0	161.0	244	69.3	102.0	166.0	230.0	348
361	3.21	28	4.912	90	15.790	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
359	3.23	52	9.123	168	29.475	43.2	63.1	103.0	143.0	216	59.0	86.4	141.0	196.0	296
354	3.27	44	7.720	144	25.264	37.2	54.4	88.8	123.0	186	48.8	71.4	117.0	162.0	245
352	3.29	34	5.965	112	19.650	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
344	3.38	64	11.229	216	37.896	51.4	75.2	123.0	170.0	257	74.5	109.0	178.0	248.0	375
338	3.43	56	9.825	192	33.686	46.0	67.3	110.0	152.0	230	64.2	94.0	154.0	213.0	322
331	3.50	32	5.614	112	19.650	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
331	3.50	48	8.421	168	37.896	40.2	58.8	96.0	133.0	201	53.9	78.9	129.0	179.0	270
322	3.60	40	7.018	144	33.686	34.1	49.9	81.4	113.0	171	43.7	64.0	105.0	145.0	219
322	3.60	60	10.527	216	19.650	48.8	71.3	116.0	161.0	244	69.3	102.0	166.0	230.0	348
314	3.69	52	9.123	192	29.475	43.2	63.1	103.0	143.0	216	59.0	86.4	141.0	196.0	296
311	3.73	30	5.263	112	25.264	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
306	3.79	38	6.667	144	37.896	32.6	47.6	77.6	108.0	...	41.2	60.3	98.5	137.0	...
304	3.82	44	7.720	168	33.686	37.2	54.4	88.8	123.0	186	48.8	71.4	117.0	162.0	245
301	3.86	56	9.825	216	19.650	46.0	67.3	110.0	152.0	230	64.2	94.0	154.0	213.0	322
300	3.86	29	5.088	112	25.264	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
290	4.00	28	4.912	112	29.475	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
290	4.00	36	6.316	144	37.896	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
290	4.00	48	8.421	192	19.650	40.2	58.8	96.0	133.0	201	53.9	78.9	129.0	179.0	270
279	4.15	52	9.123	216	19.650	43.2	63.1	103.0	143.0	216	59.0	86.4	141.0	196.0	296
276	4.20	40	7.018	168	25.264	34.1	49.9	81.4	113.0	171	43.7	64.0	105.0	145.0	219
274	4.24	34	5.965	144	33.686	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
266	4.36	44	7.720	192	37.896	37.2	54.4	88.8	123.0	186	48.8	71.4	117.0	162.0	245
262	4.42	38	6.667	168	29.475	32.6	47.6	77.6	108.0	...	41.2	60.3	98.5	137.0	...
258	4.50	32	5.614	144	25.264	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
258	4.50	48	8.421	216	33.686	40.2	58.8	96.0	133.0	201	53.9	78.9	129.0	179.0	270
249	4.67	36	6.316	168	29.475	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
242	4.80	30	5.263	144	25.264	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
242	4.80	40	7.018	192	37.896	34.1	49.9	81.4	113.0	171	43.7	64.0	105.0	145.0	219
236	4.91	44	7.720	216	29.475	37.2	54.4	88.8	123.0	186	48.8	71.4	117.0	162.0	245
235	4.94	34	5.965	168	25.264	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
234	4.97	29	5.088	144	33.686	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
230	5.05	38	6.667	192	37.896	32.6	47.6	77.6	108.0	...	41.2	60.3	98.5	137.0	...
226	5.14	28	4.912	144	29.475	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
221	5.25	32	5.614	168	25.264	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
218	5.33	36	6.316	192	33.686	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
215	5.40	40	7.018	216	25.264	34.1	49.9	81.4	113.0	171	43.7	64.0	105.0	145.0	219
207	5.60	30	5.263	168	29.475	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
205	5.65	34	5.965	192	33.686	32.6	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
204	5.68	38	6.667	216	37.896	20.9	47.6	77.6	108.0	...	41.2	60.3	98.5	137.0	...
200	5.79	29	5.088	168	29.475	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
193	6.00	28	4.912	168	33.686	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
193	6.00	32	5.614	192	37.896	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
193	6.00	36	6.316	216	29.475	30.0	43.9	71.6	99.3	...	38.7	56.7	92.5	128.0	...
183	6.35	34	5.965	216	29.475	26.8	39.2	63.9	88.7	...	36.3	53.0	86.6	120.0	...
181	6.40	30	5.263	192	33.686	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
175	6.62	29	5.088	192	37.896	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
172	6.75	32	5.614	216	37.896	23.8	34.8	56.7	78.6	...	33.8	49.4	80.7	112.0	...
169	6.86	28	4.912	192	33.686	18.2	26.7	43.5	60.3	...	28.9	42.3	69.1	95.8	...
161	7.20	30	5.263	216	33.686	20.9	30.6	49.9	69.2	...	31.4	45.9	74.9	104.0	...
156	7.45	29	5.088	216	37.896	19.6	28.6	46.6	64.7	...	30.1	44.1	72.0	99.8	...
150	7.71	28	4.912	216	33.686	18.2	26.7	43.5	60.3	...	...	...	...	...	...
Multiply hp rating by belt length factor to determine drive width—BELT LENGTH FACTOR →															



HTS 14 mm Drive Selection Tables

NOMINAL CENTER DISTANCES																						
BELT LENGTH CODE DESIGNATION																						
966	1190	1400	1610	1778	1890	2100	2310	2450	2590	2800	3150	3360	3500	3850	4326	4578	4956	5320*	5740*	6160*	6860*	
.8	.9	.95	1.0			1.05			1.1							.9						
...	15.4	19.8	24.1	27.0	29.8	34.0	41.0	45.2	48.0	55.0	64.4	69.4	76.9	84.1	92.3	100.6	114.4	
...	26.7	34.2	44.0	49.2	56.9	64.2	72.6	81.0	95.0	
...	24.6	29.1	32.1	39.3	49.0	54.1	61.7	69.0	77.4	85.7	99.6	
...	14.4	17.9	20.2	24.4	28.7	31.5	34.3	38.5	45.4	49.6	52.3	59.3	68.7	73.6	81.1	88.3	96.6	104.9	118.7	
...	22.5	29.9	34.3	37.1	44.2	53.8	58.9	66.4	73.7	82.0	90.3	104.2	
...	20.5	23.4	27.8	35.0	39.2	42.0	49.1	58.6	63.6	71.1	78.3	86.6	94.9	108.8	
...	15.4	20.0	24.4	27.2	30.0	34.3	41.3	45.5	48.3	55.2	64.7	69.6	77.1	84.3	92.6	100.9	114.7	
...	27.1	34.6	44.5	49.7	57.4	64.7	73.1	81.5	95.5	
...	25.1	29.6	32.5	39.8	49.5	54.6	62.2	69.5	77.9	86.2	100.1	
...	15.8	20.3	24.6	27.5	30.3	34.5	41.5	45.7	48.5	55.5	64.9	69.9	77.4	84.6	92.9	101.2	115.0	
...	23.0	30.4	34.7	37.6	44.7	54.3	59.4	66.9	74.2	82.5	90.9	104.7	
...	17.9	20.9	23.9	28.3	35.4	39.7	42.5	49.5	59.1	64.1	71.6	78.8	87.1	95.4	109.3	
...	24.6	35.1	45.0	50.1	57.8	65.2	73.6	82.0	96.0	
...	25.5	30.0	33.0	40.2	50.0	55.1	62.7	70.0	78.4	86.7	100.6	
...	41.8	46.0	48.8	55.7	65.2	70.2	77.6	84.8	93.1	101.4	115.2	
...	18.1	21.1	24.1	28.5	35.7	39.9	42.8	49.8	59.3	64.3	71.8	79.1	87.4	95.7	109.5	
...	23.4	30.8	35.2	38.1	45.2	54.8	59.9	67.4	74.7	83.0	91.4	105.2	
...	28.0	35.5	45.4	50.6	58.3	65.7	74.1	82.5	96.5	
...	41.9	46.1	48.9	55.9	65.3	70.3	77.8	85.0	93.3	101.6	115.4	
...	13.7	16.2	20.6	24.6	27.8	30.6	34.9	41.9	46.1	48.9	55.9	65.3	70.3	77.8	85.0	93.3	101.6	115.4	
...	13.8	16.3	20.7	25.1	27.9	30.8	35.0	42.0	46.2	49.0	56.0	65.4	70.4	77.9	85.1	93.4	101.7	115.5	
...	18.3	21.4	24.3	28.7	35.9	40.2	43.0	50.0	59.6	64.6	72.1	79.3	87.6	96.0	109.8	
...	26.0	30.5	33.4	40.7	50.4	55.5	63.2	70.5	78.9	87.2	101.1	
...	25.4	28.5	36.0	45.9	51.1	58.8	66.2	74.6	83.0	97.0
...	31.3	35.7	38.5	45.7	55.3	60.4	67.9	75.2	83.5	91.9	105.7	
...	18.5	21.6	24.6	28.9	36.1	40.4	43.2	50.3	59.8	64.8	72.3	79.6	87.9	96.2	110.1	
...	26.4	30.9	33.9	41.2	50.9	56.0	63.6	70.9	79.3	87.7	101.6	
...	19.5	24.1	35.9	38.8	45.9	55.5	60.6	68.2	75.4	83.8	92.1	106.0	
...	18.8	21.8	24.8	29.2	36.4	40.6	43.5	50.5	60.1	65.1	72.6	79.8	88.2	96.5	110.3	
...	25.8	28.9	36.4	46.4	51.6	59.3	66.6	75.1	83.5	97.5
...	31.8	36.1	39.0	46.2	55.8	60.8	68.4	75.7	84.0	92.4	106.3	
...	19.0	22.0	25.0	29.4	36.6	40.9	43.7	50.8	60.3	65.3	72.9	80.1	88.4	96.7	110.6	
...	26.8	31.4	34.3	41.6	51.4	56.5	64.1	71.4	79.8	88.2	102.1	
...	26.2	29.3	36.9	46.8	52.0	59.7	67.1	75.6	84.0	98.0
...	32.0	36.4	39.2	46.4	56.0	61.1	68.7	75.9	84.3	92.6	106.5	
...	19.1	22.1	25.1	29.5	36.7	41.0	43.8	50.9	60.4	65.5	73.0	80.2	88.5	96.9	110.7	
...	27.1	31.6	34.5	41.9	51.6	56.7	64.4	71.7	80.1	88.5	102.4	
...	19.2	22.2	25.2	29.6	36.8	41.1	44.0	51.0	60.6	65.6	73.1	80.3	88.7	97.0	110.8	
...	20.1	24.8	36.6	39.5	46.69	56.3	61.3	68.8	76.2	84.5	92.9	106.8	
...	31.8	34.8	42.1	51.9	57.0	64.6	71.9	80.3	88.7	102.7
...	26.7	29.8	37.3	47.3	52.5	60.2	67.6	76.1	84.5	98.5
...	20.3	25.0	32.4	36.8	39.7	46.9	56.5	61.6	69.2	76.4	84.8	93.1	107.0	
...	27.5	32.0	35.0	42.3	52.1	57.2	64.9	72.2	80.6	89.0	102.9	
...	26.9	30.0	37.5	47.5	52.7	60.5	67.8	76.3	84.7	98.7
...	20.5	25.1	32.6	36.9	39.8	47.0	56.6	61.7	69.3	76.5	84.9	93.3	107.2	
...	20.6	25.2	32.7	37.0	39.9	47.1	56.7	61.8	69.4	76.7	85.0	93.4	107.3	
...	27.7	32.2	35.2	42.5	52.3	57.5	65.1	72.4	80.8	89.2	103.2	
...	27.1	30.2	37.8	47.8	53.0	60.7	68.1	76.5	85.0	99.0
...	27.3	30.4	38.0	48.0	53.2	60.9	68.3	76.8	85.2	99.2
...	32.5	35.5	42.8	52.6	57.7	65.3	72.7	81.1	89.5	103.4
...	28.0	32.6	35.6	42.9	52.7	57.8	65.2	73.6	82.0	96.0
...	27.5	30.7	38.2	48.2	53.4	61.2	68.6	77.0	85.5	99.5
...	28.2	32.7	35.7	43.0	52.8	57.9	65.6	72.9	81.3	89.7	103.7	
...	23.0	27.8	30.9	38.4	48.4	53.7	61.4	68.8	77.3	85.7	99.7	
...	27.9	31.0	38.6	48.6	53.8	61.5	68.9	77.4	85.8	99.8
...	23.2	28.0	31.1	38.7	48.7	53.9	61.6	69.0	77.5	86.0	100.0	
.8	.9	.95	1.0			1.05			1.1							.9						

* These belts are not available in RPP construction.

HTS 20 mm Drive Selection Tables



Drive Ratio	Sprocket Combination				Driven Speeds and Horsepower Ratings											
	Driver		Driven		Driven Speed*	1160 RPM Driver					1750 RPM Driver					
	No. Teeth	P.D.	No. Teeth	P.D.		RPP™ for Belt Widths					RPP™ for Belt Widths					
					115	170	230	290	340	115	170	230	290	340		
Multiply hp rating by belt length factor to determine drive width →																
1.00	34	8.522	34	8.522	1160	245	380	...	...	...	1750	311	486	...	...	...
1.00	36	9.023	36	9.023	1160	257	400	...	...	...	1750	322	504	...	...	...
1.00	38	9.524	38	9.524	1160	269	418	584	...	...	1750	333	521	730	...	...
1.00	40	10.026	40	10.026	1160	281	437	610	...	...	1750	342	536	752	...	...
1.00	44	11.028	44	11.028	1160	303	472	659	...	...	1750	356	560	787	...	...
1.00	48	12.031	48	12.031	1160	323	504	705	902	...	1750	365	576	812	1042	...
1.00	52	13.033	52	13.033	1160	342	534	747	956	...	1750	368	583	824	1059	...
1.00	56	14.036	56	14.036	1160	359	561	785	1006	1190	1750	364	581	823	1059	1256
1.00	60	15.038	60	15.038	1160	373	585	820	1050	1242	1750	...	...	...	...	...
1.00	64	16.041	64	16.041	1160	386	605	849	1089	1288	1750	...	...	...	...	...
1.00	68	17.043	68	17.043	1160	396	622	874	1121	1327	1750	...	...	...	...	...
1.00	72	18.046	72	18.046	1160	404	636	894	1148	1359	1750	...	...	...	...	...
1.00	80	20.051	80	20.051	1160	411	651	918	1180	1398	1750	...	...	...	...	...
1.00	90	22.557	90	22.557	1160	...	...	...	...	...	1750	...	...	...	...	...
1.05	38	9.524	40	10.026	1102	269	418	584	...	...	1663	333	521	730	...	...
1.06	36	9.023	38	9.524	1099	257	400	...	...	...	1658	322	504	...	...	...
1.06	34	8.522	36	9.023	1096	245	380	...	...	...	1653	311	486	...	...	...
1.06	68	17.043	72	18.046	1096	396	622	874	1121	1327	1653	...	...	...	...	...
1.06	64	16.041	68	17.043	1092	286	605	849	1089	1288	1647	...	...	...	...	...
1.07	60	15.038	64	16.041	1088	373	585	820	1050	1242	1641	...	...	...	...	...
1.07	56	14.036	60	15.038	1083	359	561	785	1006	1190	1633	364	581	823	...	1256
1.08	52	13.033	56	14.036	1077	342	534	747	956	...	1625	368	583	824	1059	...
1.08	48	12.031	52	13.033	1071	323	504	705	902	...	1615	365	576	812	1059	...
1.09	44	11.028	48	12.031	1063	303	472	659	...	...	1604	356	560	787	1042	...
1.10	40	10.026	44	11.028	1055	281	437	610	...	...	1591	342	536	752	...	...
1.11	36	9.023	40	10.026	1044	257	400	...	...	...	1575	322	504	...	...	...
1.11	72	18.046	80	20.051	1044	404	636	894	1148	1359	1575	...	...	...	...	...
1.12	34	8.522	38	9.524	1038	245	380	...	...	...	1566	311	486	...	...	...
1.13	64	16.041	72	18.046	1031	386	605	849	1089	1288	1556	...	...	...	...	...
1.13	80	20.051	90	22.557	1031	411	651	918	1180	1398	1556	...	...	...	...	...
1.13	60	15.038	68	17.043	1024	373	585	820	1050	1242	1544	...	...	...	...	...
1.14	56	14.036	64	16.041	1015	359	561	785	1006	1190	1531	364	581	823	1059	1256
1.15	52	13.033	60	15.038	1005	342	534	747	956	...	1517	368	583	824	1059	...
1.16	38	9.524	44	11.028	1002	269	418	584	...	...	1511	333	521	730	...	...
1.17	48	12.031	56	14.036	994	323	504	705	902	...	1500	365	576	812	1042	...
1.18	34	8.522	40	10.026	986	245	380	...	...	...	1488	311	486	...	...	...
1.18	68	17.043	80	20.051	986	396	622	874	1121	1327	1488	...	...	...	...	...
1.18	44	11.028	52	13.033	982	303	472	659	...	...	1481	356	560	787	...	...
1.20	40	10.026	48	12.031	967	281	437	610	...	...	1458	342	536	752	...	...
1.20	60	15.038	72	18.046	967	373	585	820	1050	1242	1458	...	...	...	...	...
1.21	56	14.036	68	17.043	955	359	561	785	1006	1190	1441	364	581	823	1059	1256
1.22	36	9.023	44	11.028	949	257	400	...	...	...	1432	322	504	...	...	...
1.23	52	13.033	64	16.041	943	342	534	747	956	...	1422	368	583	824	1059	...
1.24	90	22.557	112	28.072	932	...	...	...	...	...	1406	...	...	...	...	...
1.25	48	12.031	60	15.038	928	323	504	705	902	...	1400	365	576	812	1042	...
1.25	64	16.041	80	20.051	928	386	605	849	1089	1288	1400	...	...	...	...	...
1.25	72	18.046	90	22.557	928	404	636	894	1148	1359	1400	...	...	...	...	...
1.26	38	9.524	48	12.031	918	269	418	584	...	...	1385	333	521	730	...	...
1.27	44	11.028	56	14.036	911	303	472	659	...	...	1375	356	560	787	...	...
1.29	56	14.036	72	18.046	902	359	561	785	1006	1190	1361	364	581	823	1059	1256
Multiply hp rating by belt length factor to determine drive width →																

* All 20M RPP drives operating above 1000 RPM may require a sound dampening belt guard to reduce noise emission.



HTS 20 mm Drive Selection Tables

Drive Ratio	Sprocket Combination				Nominal Center Distance										
	Driver		Driven		Belt Length Code Designation										
	No. Teeth	P.D.	No. Teeth	P.D.	2000	2500	3400	3800	4200	4600	5000	5400	5800	6200	6600
BELT LENGTH FACTOR →					.8	.85	.95	1.0		1.05	.85		.9		
1.00	34	8.522	34	8.522	26.0	35.8	53.6	61.4	69.3	77.2	85.0	92.9	100.8	108.7	116.5
1.00	36	9.023	36	9.023	25.2	35.0	52.8	60.6	68.5	76.4	84.3	92.1	100.0	107.9	115.8
1.00	38	9.524	38	9.524	24.4	34.3	52.0	59.1	67.7	75.6	83.5	91.3	99.2	107.1	115.0
1.00	40	10.026	40	10.026	23.6	33.5	51.2	59.1	66.9	74.8	82.7	90.6	98.4	106.3	114.2
1.00	44	11.028	44	11.028	22.1	31.9	49.6	57.5	65.4	73.2	81.1	89.0	96.9	104.7	112.6
1.00	48	12.031	48	12.031	20.5	30.3	48.0	55.9	63.8	71.7	79.5	87.4	95.3	103.2	111.0
1.00	52	13.033	52	13.033	18.9	28.8	46.5	54.3	62.2	70.1	78.0	85.8	93.7	101.6	109.5
1.00	56	14.036	56	14.036	17.3	27.2	44.9	52.8	60.6	68.5	76.4	84.3	92.1	100.0	107.9
1.00	60	15.038	60	15.038	...	25.6	43.3	51.2	59.1	66.9	74.8	82.7	90.6	98.4	106.3
1.00	64	16.041	64	16.041	...	24.0	41.7	49.6	57.5	65.4	73.2	81.1	89.0	96.9	104.7
1.00	68	17.043	68	17.043	...	22.5	40.2	48.0	55.9	63.8	71.1	79.5	87.4	95.3	103.2
1.00	72	18.046	72	18.046	...	20.9	38.6	46.5	54.3	62.2	70.1	78.0	85.8	93.7	101.6
1.00	80	20.051	80	20.051	...	...	35.4	43.3	51.2	59.1	66.9	74.8	82.7	90.6	98.4
1.00	90	22.557	90	22.557	...	...	31.5	39.4	47.3	55.1	63.0	70.9	78.8	86.6	94.5
1.05	38	9.524	40	10.026	24.0	33.9	51.6	59.5	67.3	75.2	83.1	91.0	98.8	106.7	114.6
1.06	36	9.023	38	9.524	24.8	34.7	52.4	60.2	68.1	76.0	83.9	91.7	99.6	107.5	115.4
1.06	34	8.522	36	9.023	25.6	35.4	53.2	61.0	68.9	76.8	84.7	92.5	100.4	108.3	116.1
1.06	68	17.043	72	18.046	...	21.7	39.4	47.3	55.1	64.6	70.9	78.8	86.6	94.5	102.4
1.06	64	16.041	68	17.043	...	23.2	41.0	48.8	56.7	66.2	72.5	80.3	88.2	96.1	103.9
1.07	60	15.038	64	16.041	...	24.8	42.5	50.4	58.3	67.7	74.0	81.9	89.8	97.6	105.5
1.07	56	14.036	60	15.038	16.5	26.4	44.1	52.0	59.9	69.3	75.6	83.5	91.3	99.2	107.1
1.08	52	13.033	56	14.036	18.1	28.0	45.7	53.6	61.4	70.9	77.2	85.0	92.9	100.8	108.7
1.08	48	12.031	52	13.033	19.7	29.5	47.3	55.1	63.0	72.4	78.7	86.6	94.5	102.4	110.2
1.09	44	11.028	48	12.031	21.3	31.1	48.8	56.7	64.6	74.0	80.3	88.2	96.1	103.9	111.8
1.10	40	10.026	44	11.028	22.8	32.7	50.4	58.3	66.1	75.6	81.9	89.8	97.6	105.5	113.4
1.11	36	9.023	40	10.026	24.4	34.3	52.0	59.8	67.7	76.6	83.5	91.3	99.2	107.1	115.0
1.11	72	18.046	80	20.051	...	...	37.0	44.9	52.8	61.4	68.5	76.4	84.3	92.1	100.0
1.12	34	8.522	38	9.524	25.2	35.0	52.8	60.6	68.5	76.8	84.3	92.1	100.0	107.9	115.8
1.13	64	16.041	72	18.046	...	22.4	40.2	48.0	55.9	65.1	71.7	79.5	87.4	95.3	103.2
1.13	80	20.051	90	22.557	...	...	33.5	41.3	49.2	58.4	65.0	72.8	80.7	88.6	96.5
1.13	60	15.038	68	17.043	...	24.0	41.7	49.6	57.5	65.4	73.2	81.1	89.0	96.9	104.7
1.14	56	14.036	64	16.041	...	25.6	43.3	51.2	59.1	66.9	74.8	82.7	90.6	98.4	106.3
1.15	52	13.033	60	15.038	17.3	27.2	44.9	52.8	60.6	68.5	76.4	84.3	92.1	100.0	107.9
1.16	38	9.524	44	11.028	23.2	33.1	50.8	58.7	66.5	74.4	82.3	90.2	98.0	105.9	113.8
1.17	48	12.031	56	14.036	18.9	28.7	46.5	54.3	62.2	70.1	78.0	85.8	93.7	101.6	109.5
1.18	34	8.522	40	10.026	24.8	34.6	52.4	60.2	68.1	76.0	83.9	91.7	99.6	107.5	115.4
1.18	68	17.043	80	20.051	...	...	37.8	45.7	53.5	61.4	69.3	77.2	85.0	92.9	100.8
1.18	44	11.028	52	13.033	20.5	30.3	48.0	55.9	63.8	71.7	79.5	87.4	95.3	103.2	111.0
1.20	40	10.026	48	12.031	22.0	31.9	49.6	57.5	65.4	73.2	81.1	89.0	96.9	104.7	112.6
1.20	60	15.038	72	18.046	...	23.2	40.9	48.8	56.7	64.6	72.4	80.3	88.2	96.1	103.9
1.21	56	14.036	68	17.043	...	24.8	42.5	50.4	58.3	66.1	74.0	81.9	89.8	97.6	105.5
1.22	36	9.023	44	11.028	23.6	33.5	51.2	59.1	66.9	74.8	82.7	90.6	98.4	106.3	114.2
1.23	52	13.033	64	16.041	...	26.3	44.1	52.0	59.8	67.7	75.6	83.5	91.3	99.2	107.1
1.24	90	22.557	112	28.072	...	...	...	34.9	42.8	50.7	58.6	66.5	74.4	82.3	90.1
1.25	48	12.031	60	15.038	18.1	27.9	45.7	53.5	61.4	69.3	77.2	85.0	92.9	100.8	108.7
1.25	64	16.041	80	20.051	...	20.8	38.5	46.4	54.3	62.2	70.1	77.9	85.8	93.7	101.6
1.25	72	18.046	90	22.557	...	...	35.0	42.9	50.7	58.6	66.5	74.4	82.3	90.1	98.0
1.26	38	9.524	48	12.031	22.4	32.3	50.0	57.9	65.7	73.6	81.5	89.4	97.2	105.1	113.0
1.27	44	11.028	56	14.036	19.6	29.5	47.2	55.1	63.0	70.9	78.7	86.6	94.5	102.4	110.2
1.29	56	14.036	72	18.046	...	23.9	41.7	49.6	57.5	65.3	73.2	81.1	89.0	96.8	104.7
BELT LENGTH FACTOR →					.8	.85	.95	1.0		1.05	.85		.9		

HTS 20 mm Drive Selection Tables



Drive Ratio	Sprocket Combination				Driven Speeds and Horsepower Ratings											
	Driver		Driven		Driven Speed*	1160 RPM Driver RPP™ for Belt Widths					Driven Speed*	1750 RPM Driver RPP™ for Belt Widths				
	No. Teeth	P.D.	No. Teeth	P.D.		115	170	230	290	340		115	170	230	290	340
	Multiply hp rating by belt length factor to determine drive width →															
1.29	34	8.522	44	11.028	896	245	380	...	...	...	1352	311	486	...	...	...
1.30	40	10.026	52	13.033	892	281	437	610	...	...	1346	342	536	752	...	...
1.31	52	13.033	68	17.043	887	342	534	747	956	...	1338	368	583	824	1059	...
1.32	68	17.043	90	22.557	876	396	622	874	1121	1327	1322	...	...	...	...	...
1.33	36	9.023	48	12.031	870	257	400	...	...	...	1313	322	504	...	...	...
1.33	48	12.031	64	16.041	870	323	504	705	902	...	1313	365	576	812	1042	...
1.33	60	15.038	80	20.051	870	373	585	820	1050	1242	1313	...	...	...	...	...
1.36	44	11.028	60	15.038	851	303	472	659	...	...	1283	356	560	787	...	...
1.37	38	9.524	52	13.033	848	269	418	584	...	...	1279	333	521	730	...	...
1.38	52	13.033	72	18.046	838	342	534	747	956	...	1264	368	583	824	1059	...
1.40	40	10.026	56	14.036	829	281	437	610	...	...	1250	342	536	752	...	...
1.40	80	20.051	112	28.072	829	411	651	918	1180	1398	1250	...	...	...	...	...
1.41	64	16.041	90	22.557	825	386	605	849	1089	1288	1244	...	...	...	...	...
1.41	34	8.522	48	12.031	822	245	380	...	...	...	1240	311	486	...	...	...
1.42	48	12.031	68	17.043	819	323	504	705	902	...	1235	365	576	812	1042	...
1.43	56	14.036	80	20.051	812	359	561	785	1006	1190	1225	364	581	823	1059	1256
1.44	36	9.023	52	13.033	803	257	400	...	...	...	1212	322	504	...	...	...
1.45	44	11.028	64	16.041	798	303	472	659	...	...	1203	356	560	787	...	...
1.47	38	9.524	56	14.036	787	269	418	584	...	...	1188	333	521	730	...	...
1.50	40	10.026	60	15.038	773	281	437	610	...	...	1167	342	536	752	...	...
1.50	48	12.031	72	18.046	773	323	504	705	902	...	1167	365	576	812	1042	...
1.50	60	15.038	90	22.557	773	373	585	820	1050	1242	1167	...	...	...	...	...
1.53	34	8.522	52	13.033	758	245	380	...	...	...	1144	311	486	...	...	...
1.54	52	13.033	80	20.051	754	342	534	747	956	...	1138	368	583	824	1059	...
1.55	44	11.028	68	17.043	751	303	472	659	...	...	1132	356	560	787	...	...
1.56	36	9.023	56	14.036	746	257	400	...	...	...	1125	322	504	...	...	...
1.56	72	18.046	112	28.072	746	404	636	894	1148	1359	1125	...	...	...	...	...
1.58	38	9.524	60	15.038	735	269	418	584	...	...	1108	333	521	730	...	...
1.60	40	10.026	64	16.041	725	281	437	610	...	...	1094	342	536	752	...	...
1.60	90	22.557	144	36.092	725	...	...	...	...	...	1094	...	...	...	...	...
1.61	56	14.036	90	22.557	722	359	561	785	1006	1190	1089	364	581	823	1059	1256
1.64	44	11.028	72	18.046	709	303	472	659	...	...	1069	356	560	787	...	...
1.65	34	8.522	56	14.036	704	245	380	...	...	...	1063	311	486	...	...	...
1.65	68	17.043	112	28.072	704	396	622	874	1121	1327	1063	...	...	...	...	...
1.67	36	9.023	60	15.038	696	257	400	...	...	...	1050	322	504	...	...	...
1.67	48	12.031	80	20.051	696	323	504	705	902	...	1050	365	576	812	1042	...
1.68	38	9.524	64	16.041	689	269	418	584	...	...	1039	333	521	730	...	...
1.70	40	10.026	68	17.043	682	281	437	610	...	...	1029	342	536	752	...	...
1.73	52	13.033	90	22.557	670	342	534	747	956	...	1011	368	583	824	1059	...
1.75	64	16.041	112	28.072	663	386	605	849	1089	1288	1000	...	...	...	...	...
1.76	34	9.023	60	15.038	657	245	380	...	...	...	992	311	486	...	...	...
1.78	36	9.023	64	16.041	653	257	400	...	...	...	984	322	504	...	...	...
1.79	38	9.524	68	17.043	648	269	418	584	...	...	978	333	521	730	...	...
1.80	40	10.026	72	18.046	644	281	437	610	...	...	972	342	536	752	...	...
1.80	80	20.051	144	36.092	644	411	651	918	1180	1398	972	...	...	...	...	...
1.82	44	11.028	80	20.051	638	303	472	659	...	...	963	356	560	787	...	...
1.87	60	15.038	112	28.072	621	373	585	820	1050	1242	938	...	...	...	...	...
1.87	90	22.557	168	42.108	621	...	...	...	...	...	938	...	...	...	...	...
1.88	48	12.031	90	22.557	619	323	504	705	902	...	933	365	576	812	1042	...
1.88	34	8.522	64	16.041	616	245	380	...	...	...	930	311	486	...	...	...
Multiply hp rating by belt length factor to determine drive width →																

* All 20M RPP drives operating above 1000 RPM may require a sound dampening belt guard to reduce noise emission.

PULLEYS



HTS 20 mm Drive Selection Tables

Drive Ratio	Sprocket Combination				Nominal Center Distance										
	Driver		Driven		Belt Length Code Designation										
	No. Teeth	P.D.	No. Teeth	P.D.	2000	2500	3400	3800	4200	4600	5000	5400	5800	6200	6600
BELT LENGTH FACTOR →					.8	.85	.95	1.0		1.05	.85		.9		
1.29	34	8.522	44	11.028	24.0	33.8	51.6	59.4	67.3	75.2	83.1	90.9	98.8	106.7	114.6
1.30	40	10.026	52	13.033	21.2	31.1	48.8	56.7	64.6	72.4	80.3	88.2	96.1	103.9	111.8
1.31	52	13.033	68	17.043	...	25.5	43.3	51.2	59.0	66.9	74.8	82.7	90.5	98.4	106.3
1.32	68	17.043	90	22.557	..	...	35.7	43.6	51.5	59.4	67.3	75.2	83.0	90.9	98.8
1.33	36	9.023	48	12.031	22.8	32.6	50.4	58.3	66.1	74.0	81.9	89.8	97.6	105.5	113.4
1.33	48	12.031	64	16.041	17.2	27.1	44.8	52.7	60.6	68.5	76.4	84.2	92.1	100.0	107.9
1.33	60	15.038	80	20.051	...	21.5	39.3	47.2	55.1	63.0	70.8	78.7	86.6	94.5	102.3
1.36	44	11.028	60	15.038	18.8	28.7	46.4	54.3	62.2	70.1	77.9	85.8	93.7	101.6	109.4
1.37	38	9.824	52	13.033	21.6	31.5	49.2	57.1	64.9	72.8	80.7	88.6	96.4	104.3	112.2
1.38	52	13.033	72	18.046	...	24.7	42.5	50.3	58.2	66.1	74.0	81.9	89.7	97.6	105.5
1.40	40	10.026	56	14.036	20.4	30.3	48.0	55.9	63.8	71.6	79.5	87.4	95.3	103.1	111.0
1.40	80	20.051	112	28.072	...	...	28.9	36.8	44.7	52.6	60.5	68.4	76.3	84.2	92.1
1.41	64	16.041	90	22.557	...	...	36.5	44.4	52.3	60.2	68.0	75.9	83.8	91.7	99.6
1.41	34	8.522	48	12.031	23.2	33.0	50.8	58.6	66.5	74.4	82.3	90.1	98.0	105.9	113.8
1.42	48	12.031	68	17.043	...	26.3	44.0	51.9	59.8	67.7	75.6	83.4	91.3	99.2	107.1
1.43	56	14.036	80	20.051	...	22.2	40.0	47.9	55.8	63.7	71.6	79.5	87.4	95.2	103.1
1.44	36	9.023	52	13.033	22.0	31.8	49.6	57.5	65.3	73.2	81.1	89.0	96.8	104.7	112.6
1.45	44	11.028	64	16.041	17.9	27.8	45.6	53.5	61.4	69.3	77.1	85.0	92.9	100.8	108.6
1.47	38	9.524	56	14.036	20.7	30.6	48.4	56.3	64.1	72.0	79.9	87.8	95.6	103.5	111.4
1.50	40	10.026	60	15.038	19.5	29.4	47.2	55.1	62.9	70.8	78.7	86.6	94.5	102.3	110.2
1.50	48	12.031	72	18.046	...	25.4	43.2	51.1	59.0	66.9	74.7	82.6	90.5	98.4	106.3
1.50	60	15.038	90	22.557	...	...	37.2	45.1	53.0	60.9	68.8	76.7	84.6	92.5	100.3
1.53	34	8.522	52	13.033	22.3	32.2	50.0	57.8	65.7	73.6	81.5	89.3	97.2	105.1	113.0
1.54	52	13.033	80	20.051	...	23.0	40.8	48.7	56.6	64.5	72.4	80.2	88.1	96.0	103.9
1.55	44	11.028	68	17.043	17.0	27.0	44.8	52.7	60.6	68.4	76.3	84.2	92.1	100.0	107.8
1.56	36	9.023	56	14.036	21.1	31.0	48.8	56.6	64.5	72.4	80.3	88.2	96.0	103.9	111.8
1.56	72	18.046	112	28.072	...	...	30.3	38.2	46.2	54.1	62.0	69.9	77.8	85.7	93.6
1.58	38	9.524	60	15.038	19.9	29.8	47.6	55.4	63.3	71.2	79.1	87.0	94.8	102.7	110.6
1.60	40	10.026	64	16.041	18.6	28.6	46.4	54.3	62.1	70.0	77.9	85.8	93.7	101.5	109.4
1.60	90	22.557	144	36.092	...	...	...	...	36.0	44.0	51.9	59.8	67.8	75.7	83.6
1.61	56	14.036	90	22.557	...	...	37.9	45.9	53.8	61.7	69.6	77.4	85.3	93.2	101.1
1.64	44	11.028	72	18.046	...	26.1	44.0	51.9	59.7	67.6	75.5	83.4	91.3	99.2	107.0
1.65	34	8.522	56	14.036	21.5	31.4	49.1	57.0	64.9	72.8	80.7	88.5	96.4	104.3	112.2
1.65	68	17.043	112	28.072	...	...	31.0	39.0	46.9	54.8	62.7	70.7	78.5	86.4	94.3
1.67	36	9.023	60	15.038	20.2	30.2	47.9	55.8	63.7	71.6	79.5	87.4	95.2	103.1	111.0
1.67	48	12.031	80	20.051	...	23.7	41.5	49.4	57.3	65.2	73.1	81.0	88.9	96.8	104.7
1.68	38	9.524	64	16.041	19.0	28.9	46.7	54.6	62.5	70.4	78.3	86.2	94.0	101.9	109.8
1.70	40	10.026	68	17.043	17.8	27.7	45.5	53.4	61.3	69.2	77.1	85.0	92.9	100.7	108.6
1.73	52	13.033	90	22.557	...	20.7	38.7	46.6	54.5	62.4	70.3	78.2	86.1	94.0	101.9
1.75	64	16.041	112	2.072	...	...	31.7	39.7	47.6	55.6	63.5	71.4	79.3	87.2	95.1
1.76	34	9.023	60	15.038	20.6	30.5	48.3	56.2	64.1	72.0	79.9	87.7	95.6	103.5	111.4
1.78	36	9.023	64	16.041	19.4	29.3	47.1	55.0	62.9	70.8	78.7	86.5	94.4	102.3	110.2
1.79	38	9.524	68	17.043	18.1	28.1	45.9	53.8	61.7	69.6	77.5	85.4	93.2	101.1	109.0
1.80	40	10.026	72	18.046	16.8	26.9	44.7	52.6	60.5	68.4	76.3	84.2	92.0	99.9	107.8
1.80	80	20.051	144	36.092	...	...	...	...	37.7	45.7	53.7	61.7	69.6	77.5	85.4
1.82	44	11.028	80	20.051	...	24.4	42.3	50.2	58.1	66.0	73.9	81.8	89.7	97.5	105.4
1.87	60	15.038	112	28.072	...	...	32.4	40.4	48.4	56.3	64.2	72.1	80.0	87.9	95.8
1.87	90	22.557	168	42.108	...	...	...	...	...	38.5	46.6	54.6	62.6	70.6	78.5
1.88	48	12.031	90	22.557	...	21.4	39.4	47.3	55.3	63.2	71.1	79.0	86.8	94.7	102.6
1.88	34	8.522	64	16.041	19.7	29.7	47.5	55.4	63.3	71.2	79.0	86.9	94.8	102.7	110.6
BELT LENGTH FACTOR →					.8	.85	.95	1.0		1.05	.85		.9		

HTS 20 mm Drive Selection Tables



Drive Ratio	Sprocket Combination				Driven Speeds and Horsepower Ratings											
	Driver		Driven		Driven Speed*	1160 RPM Driver					1750 RPM Driver					
	No. Teeth	P.D.	No. Teeth	P.D.		RPP™ for Belt Widths					RPP™ for Belt Widths					
						115	170	230	290	340		115	170	230	290	340
Multiply hp rating by belt length factor to determine drive width →																
1.89	36	9.023	68	17.043	614	257	400	...	...	...	926	322	504	...	...	...
1.89	38	9.524	72	18.046	612	269	418	584	...	...	924	333	521	730	...	...
2.00	34	8.522	68	17.043	580	245	380	...	...	...	875	311	486	...	...	...
2.00	36	9.023	72	18.046	580	257	400	...	...	...	875	322	504	...	...	...
2.00	40	10.026	80	20.051	580	281	437	610	...	...	875	342	536	752	...	...
2.00	56	14.036	112	28.072	580	359	561	785	1006	1190	875	364	581	823	1059	1256
2.00	72	18.046	144	36.092	580	404	636	894	1148	1359	875	...	...	...	...	...
2.05	44	11.028	90	22.557	567	303	472	659	...	...	856	356	560	787	...	...
2.10	80	20.051	168	42.108	552	411	651	918	1180	1398	833	...	...	...	...	...
2.11	38	9.524	80	20.051	551	269	418	584	...	...	831	333	521	730	...	...
2.12	34	8.522	72	18.046	548	245	380	...	...	...	826	311	486	...	...	...
2.12	68	17.043	144	36.092	548	396	622	874	1121	1327	826	...	...	...	...	...
2.13	90	22.557	192	48.123	544	...	...	...	...	...	820	...	...	...	...	...
2.15	52	13.033	112	28.072	539	342	534	747	956	...	813	368	583	824	...	...
2.22	36	9.023	80	20.051	522	257	400	...	...	...	788	322	504	...	1059	...
2.25	40	10.026	90	22.557	516	281	437	610	...	...	778	342	536	752	...	...
2.25	64	16.041	144	36.092	516	386	605	849	1089	1288	778	...	...	...	...	...
2.33	48	12.031	112	28.072	497	323	504	705	902	...	750	365	576	812	...	...
2.33	72	18.046	168	42.108	497	404	636	894	1148	1359	750	...	...	...	1042	...
2.35	34	8.522	80	20.051	493	245	380	...	...	...	744	311	486	...	...	...
2.37	38	9.524	90	22.557	490	269	418	584	...	...	739	333	521	730	...	...
2.40	60	15.038	144	36.092	483	373	585	820	1050	1242	729	...	...	...	...	...
2.40	80	20.051	192	48.123	483	411	651	918	1180	1398	729	...	...	...	...	...
2.40	90	22.557	216	54.139	483	...	...	...	...	...	729	...	...	...	...	...
2.47	68	17.043	168	42.108	470	396	622	874	1121	1327	708	...	...	...	...	...
2.50	36	9.023	90	22.557	464	257	400	...	...	...	700	322	504	...	...	...
2.55	44	11.028	112	28.072	456	303	472	659	...	...	688	356	560	787	...	...
2.57	56	14.036	144	36.092	451	359	561	785	1006	1190	681	364	581	823	1059	1256
2.63	64	16.041	168	42.108	442	386	605	849	1089	1288	667	...	...	...	...	...
2.65	34	8.522	90	22.557	438	245	380	...	...	...	661	311	486	...	...	...
2.67	72	18.046	192	48.123	435	404	636	894	1148	1359	656	...	...	...	...	...
2.70	80	20.051	216	54.139	430	411	651	918	1180	1398	648	...	...	...	...	...
2.77	52	13.033	144	36.092	419	342	534	747	956	...	632	368	583	824	1059	...
2.80	40	10.026	112	28.072	414	281	437	610	...	...	625	342	536	752	...	...
2.80	60	15.038	168	42.108	414	373	585	820	1050	1242	625	...	...	...	...	...
2.82	68	17.043	192	48.123	411	396	622	874	1121	1327	620	...	...	...	...	...
2.95	38	9.524	112	54.139	394	269	418	584	...	...	594	333	521	730	...	...
3.00	48	12.031	144	28.072	387	323	504	705	902	...	583	365	576	812	1042	...
3.00	56	14.036	168	54.139	387	359	561	785	1006	1190	583	364	581	823	1059	1256
3.00	64	16.041	192	48.123	387	386	605	849	1089	1288	583	...	...	...	...	...
3.00	72	18.046	216	54.139	387	404	636	894	1148	1359	583	...	...	...	...	...
3.11	36	9.023	112	28.072	373	257	400	...	...	...	563	322	504	...	...	...
3.18	68	17.043	216	54.139	365	396	622	874	1121	1327	551	...	...	...	...	...
3.20	60	15.038	192	48.123	363	373	585	820	1050	1242	547	...	...	...	...	...
3.23	52	13.033	168	42.108	359	342	534	747	956	...	542	368	583	824	1059	...
3.27	44	11.028	144	36.092	354	303	472	659	...	...	535	356	560	787	...	...
3.29	34	8.522	112	28.072	352	245	380	...	...	...	531	311	486	...	...	...
3.38	64	16.041	216	54.139	344	386	605	849	1089	1288	519	...	...	...	...	...
3.43	56	14.036	192	48.123	338	359	561	785	1006	1190	510	364	581	823	1059	1256
3.50	48	12.031	168	42.108	331	323	504	705	902	...	500	365	576	812	1042	...
Multiply hp rating by belt length factor to determine drive width →																

* All 20M RPP drives operating above 1000 RPM may require a sound dampening belt guard to reduce noise emission.



HTS 20 mm Drive Selection Tables

Drive Ratio	Sprocket Combination				Nominal Center Distance										
	Driver		Driven		Belt Length Code Designation										
	No. Teeth	P.D.	No. Teeth	P.D.	2000	2500	3400	3800	4200	4600	5000	5400	5800	6200	6600
BELT LENGTH FACTOR →					.8	.85	.95	1.0		1.05	.85		.9		
1.89	36	9.023	68	17.043	18.4	28.4	46.3	54.2	62.1	70.0	77.9	85.7	93.6	101.5	109.4
1.89	38	9.524	72	18.046	17.2	27.2	45.1	53.0	60.9	68.8	76.7	84.5	92.4	100.3	108.2
2.00	34	8.522	68	17.043	18.8	28.8	46.6	54.6	62.5	70.3	78.2	86.1	94.0	101.9	109.8
2.00	36	9.023	72	18.046	17.5	27.6	45.4	53.3	61.2	69.1	77.0	84.9	92.8	100.7	108.6
2.00	40	10.026	80	20.051	...	25.1	43.0	50.9	58.8	66.7	74.6	82.5	90.4	98.3	106.2
2.00	56	14.036	112	28.072	...	...	33.1	41.1	49.1	57.0	65.0	72.9	80.8	88.7	96.6
2.00	72	18.046	144	36.092	...	...	...	30.9	39.1	47.1	55.1	63.1	71.1	79.0	86.9
2.05	44	11.028	90	22.557	...	22.1	40.1	48.1	56.0	63.9	71.8	79.7	87.6	95.5	103.4
2.10	80	20.051	168	42.108	...	...	...	...	...	40.2	48.3	56.4	64.4	72.3	80.3
2.11	38	9.524	80	20.051	...	25.4	43.4	51.3	59.2	67.1	75.0	82.9	90.8	98.7	106.6
2.12	34	8.522	72	18.046	17.8	27.9	45.8	53.7	61.6	69.5	77.4	85.3	93.2	101.1	109.0
2.12	68	17.043	144	36.092	...	...	...	31.6	39.8	47.8	55.8	63.8	71.8	79.7	87.6
2.13	90	22.557	192	48.123	...	...	...	...	...	...	40.9	49.1	57.2	65.2	73.2
2.15	52	13.033	112	28.072	...	...	33.8	41.8	49.8	57.8	65.7	73.6	81.5	89.4	97.3
2.22	36	9.023	80	20.051	...	25.8	43.7	51.7	59.6	67.5	75.4	83.3	91.2	99.1	106.9
2.25	40	10.026	90	22.557	...	22.7	40.8	48.8	56.7	64.6	72.6	80.5	88.4	96.2	104.1
2.25	64	16.041	144	36.092	...	...	...	32.3	40.4	48.5	56.5	64.5	72.5	80.4	88.4
2.33	48	12.031	112	28.072	...	...	34.5	42.5	50.5	58.5	66.4	74.4	82.3	90.2	98.1
2.33	72	18.046	168	42.108	...	...	...	...	33.2	41.5	49.7	57.7	65.8	73.8	81.7
2.35	34	8.522	80	20.051	...	26.1	44.1	52.0	59.9	67.9	75.8	83.7	91.5	99.4	107.3
2.37	38	9.524	90	18.046	...	23.1	41.2	49.2	57.1	65.0	72.9	80.8	88.7	96.6	104.5
2.40	60	15.038	144	36.092	...	...	...	32.9	41.1	49.2	57.3	65.2	73.2	81.2	89.1
2.40	80	20.051	192	48.123	...	...	...	...	...	...	42.5	50.7	58.9	67.0	75.0
2.40	90	22.557	216	28.072	...	...	...	...	...	...	...	43.1	51.4	59.6	67.8
2.47	68	17.043	168	20.051	...	...	...	...	33.9	42.2	50.3	58.4	66.5	74.5	82.5
2.50	36	9.023	90	22.557	...	23.4	41.5	49.5	57.5	65.4	73.3	81.2	89.1	97.0	104.9
2.55	44	11.028	112	36.092	...	...	35.1	43.2	51.2	59.2	67.1	75.1	83.0	90.9	98.8
2.57	56	14.036	144	28.072	...	...	...	33.6	41.8	49.9	58.0	66.0	73.9	81.9	89.8
2.63	64	16.041	168	42.108	...	...	...	...	34.5	42.9	51.0	59.1	67.2	75.2	83.2
2.65	34	8.522	90	20.051	...	23.7	41.9	49.9	57.8	65.7	73.7	81.6	89.5	97.4	105.3
2.67	72	18.046	192	22.557	...	...	...	...	...	35.4	43.8	52.1	60.3	68.3	76.4
2.70	80	20.051	216	36.092	...	...	...	...	...	...	...	44.8	53.1	61.3	69.5
2.77	52	13.033	144	28.072	...	...	...	34.2	42.5	50.6	58.7	66.7	74.7	82.6	90.6
2.80	40	10.026	112	42.108	...	...	35.8	43.9	51.9	59.9	67.9	75.8	83.7	91.7	99.6
2.80	60	15.038	168	20.051	...	...	...	...	35.2	43.5	51.7	59.8	67.9	75.9	83.9
2.82	68	17.043	192	22.557	...	...	...	...	...	36.1	44.5	52.8	60.9	69.0	77.1
2.95	38	9.524	112	36.092	...	...	36.2	44.3	52.3	60.3	68.2	76.2	84.1	92.0	99.9
3.00	48	12.031	144	48.123	...	...	26.4	34.9	43.1	51.3	59.3	67.4	75.4	83.3	91.3
3.00	56	14.036	168	54.139	...	...	...	...	35.8	44.2	52.4	60.5	68.6	76.6	84.6
3.00	64	16.041	192	42.108	...	...	...	...	...	36.7	45.1	53.4	61.6	69.7	77.8
3.00	72	18.046	216	22.557	...	...	...	...	...	...	...	46.1	54.4	62.7	70.8
3.11	36	9.023	112	28.072	...	...	36.5	44.6	52.6	60.6	68.6	76.5	84.5	92.4	100.3
3.18	68	17.043	216	36.092	...	...	...	...	...	...	38.1	46.7	55.1	63.3	71.5
3.20	60	15.038	192	42.108	...	...	...	...	...	37.3	45.8	54.1	62.3	70.4	78.5
3.23	52	13.033	168	22.557	...	...	...	...	36.5	44.8	53.1	61.2	69.3	77.3	85.3
3.27	44	11.028	144	48.123	...	...	27.1	35.6	43.8	52.0	60.0	68.1	76.1	84.1	92.0
3.29	34	8.522	112	54.139	...	...	36.8	44.9	53.0	61.0	69.0	76.9	84.8	92.8	100.7
3.38	64	16.041	216	36.092	...	...	...	...	...	...	38.8	47.3	55.7	64.0	72.2
3.43	56	14.036	192	28.072	...	...	...	...	...	38.0	46.4	54.8	63.0	71.1	79.2
3.50	48	12.031	168	42.108	...	...	...	...	37.1	45.5	53.7	61.9	70.0	78.0	86.0
BELT LENGTH FACTOR →					.8	.85	.95	1.0		1.05	.85		.9		

HTS 20 mm Drive Selection Tables



Drive Ratio	Sprocket Combination				Driven Speeds and Horsepower Ratings											
	Driver		Driven		Driven Speed*	1160 RPM Driver					1750 RPM Driver					
	No. Teeth	P.D.	No. Teeth	P.D.		RPP™ for Belt Widths					RPP™ for Belt Widths					
						115	170	230	290	340	115	170	230	290	340	
Multiply hp rating by belt length factor to determine drive width →																
3.60	40	10.026	144	36.092	322	281	437	610	...	...	486	342	536	752	...	...
3.60	60	15.038	216	54.139	322	373	585	820	1050	1242	486	...	...	...	...	...
3.69	52	13.033	192	48.123	314	342	534	747	956	...	474	368	583	824	1059	...
3.79	38	9.524	144	36.092	306	269	418	584	...	...	462	333	521	730	...	...
3.82	44	11.028	168	42.108	304	303	472	659	...	...	458	356	560	787	...	...
3.86	56	14.036	216	54.139	301	359	561	785	1006	1190	454	364	581	823	1059	1256
4.00	36	9.023	144	36.092	290	257	400	...	...	...	438	322	504	...	...	...
4.00	48	12.031	192	48.123	290	323	504	705	902	...	438	365	576	812	1042	...
4.15	52	13.033	216	54.139	279	342	534	747	956	...	421	368	583	824	1059	...
4.20	40	10.026	168	42.108	276	281	437	610	...	...	417	342	536	752	...	...
4.24	34	8.522	144	36.092	274	245	380	...	...	...	413	311	486	...	...	...
4.36	44	11.028	192	48.123	266	303	472	659	...	...	401	356	560	787	...	...
4.42	38	9.524	168	42.108	262	269	418	584	...	...	396	333	521	730	...	...
4.50	48	12.031	216	54.139	258	323	504	705	902	...	389	365	576	812	1042	...
4.67	36	9.023	168	42.108	249	257	400	...	...	...	375	322	504	...	...	...
4.80	40	10.026	192	48.123	242	281	437	610	...	...	365	342	536	752	...	...
4.91	44	11.028	216	54.139	236	303	472	659	...	...	356	356	560	787	...	...
4.94	34	8.522	168	42.108	235	245	380	...	...	...	354	311	486	...	...	...
5.05	38	9.524	192	48.123	230	269	418	584	...	...	346	333	521	730	...	...
5.33	36	9.023	192	48.123	218	257	400	...	...	...	328	322	504	...	...	...
5.40	40	10.026	216	54.139	215	281	437	610	...	...	324	342	536	752	...	...
5.65	34	8.522	192	48.123	205	245	380	...	...	...	310	311	486	...	...	...
5.68	38	9.524	216	54.139	204	269	418	584	...	...	308	333	521	730	...	...
6.00	36	9.023	216	54.139	193	257	400	...	...	...	292	322	504	...	...	...
6.35	34	8.522	216	54.139	183	245	380	...	...	..	275	311	486	...	...	...
Multiply hp rating by belt length factor to determine drive width →																

* All 20M RPP drives operating above 1000 RPM may require a sound dampening belt guard to reduce noise emission.



HTS 20 mm Drive Selection Tables

Drive Ratio	Sprocket Combination				Nominal Center Distance										
	Driver		Driven		Belt Length Code Designation										
	No. Teeth	P.D.	No. Teeth	P.D.	2000	2500	3400	3800	4200	4600	5000	5400	5800	6200	6600
BELT LENGTH FACTOR →					.8	.85	.95	1.0		1.05	.85		.9		
3.60	40	10.026	144	36.092	...	...	27.7	36.2	44.5	52.6	60.7	68.8	76.8	84.8	92.7
3.60	60	15.038	216	54.139	...	...	...	...	...	...	39.4	48.0	56.4	64.7	72.9
3.69	52	13.033	192	48.123	...	...	...	...	...	38.6	47.1	55.4	63.6	71.8	79.9
3.79	38	9.524	144	36.092	...	...	28.0	36.5	44.8	53.0	61.1	69.1	77.1	85.1	93.1
3.82	44	11.028	168	42.108	...	...	...	29.1	37.8	46.1	54.4	62.6	70.6	78.7	86.7
3.86	56	14.036	216	54.139	...	...	...	...	...	...	40.0	48.6	57.0	65.3	73.5
4.00	36	9.023	144	36.092	...	...	28.3	36.9	45.1	53.3	61.4	69.5	77.5	85.5	93.4
4.00	48	12.031	192	48.123	...	...	...	...	...	39.2	47.7	56.1	64.3	72.5	80.6
4.15	52	13.033	216	54.139	...	...	...	...	...	...	40.7	49.3	57.7	66.0	74.2
4.20	40	10.026	168	42.108	...	...	...	29.7	38.4	46.8	55.1	63.2	71.3	79.4	87.4
4.24	34	8.522	144	36.092	...	...	28.7	37.2	45.5	53.7	61.8	69.8	77.8	85.8	93.8
4.36	44	11.028	192	48.123	...	...	...	...	...	39.9	48.4	56.7	65.0	73.1	81.2
4.42	38	9.524	168	42.108	...	...	...	30.1	38.7	47.1	55.4	63.6	71.7	79.7	87.8
4.50	48	12.031	216	54.139	...	...	...	...	...	...	41.3	49.9	58.3	66.7	74.9
4.67	36	9.023	168	42.108	...	...	...	30.4	39.0	47.5	55.7	63.9	72.0	80.1	88.1
4.80	40	10.026	192	48.123	...	...	...	...	31.7	40.5	49.0	57.4	65.6	73.8	81.9
4.91	44	11.028	216	54.139	...	...	...	...	...	...	41.9	50.6	59.0	67.3	75.6
4.94	34	8.522	168	4.108	...	...	...	30.7	39.4	47.8	56.1	64.2	72.4	80.4	88.5
5.05	38	9.524	192	48.123	...	...	...	...	32.0	40.8	49.4	57.7	66.0	74.2	82.3
5.33	36	9.023	192	48.123	...	...	...	...	32.3	41.1	49.7	58.0	66.3	74.5	82.6
5.40	40	10.026	216	54.139	...	...	...	...	...	...	42.5	51.2	59.6	68.0	76.2
5.65	34	8.522	192	48.123	...	...	...	...	32.6	41.4	50.0	58.4	66.6	74.8	83.0
5.68	38	9.524	216	54.139	...	...	...	...	...	33.9	42.9	51.5	60.0	68.3	76.6
6.00	36	9.023	216	54.139	...	...	...	...	...	34.2	43.2	51.8	60.3	68.6	76.9
6.35	34	8.522	216	54.139	...	...	...	...	...	34.5	43.5	52.1	60.6	69.0	77.2
BELT LENGTH FACTOR →					.8	.85	.95	1.0		1.05	.85		.9		

5 mm RPP™ Belt Horsepower Ratings



The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

		15mm (.59 in.) wide belt (5M-15)																		
No. of Teeth	PD	14	16	18	20	24	28	32	34	36	38	40	44	48	52	56	60	64	68	72
		mm .878	25.48 1.003	28.65 1.128	31.84 1.253	38.21 1.504	44.58 1.755	50.93 2.005	54.11 2.130	57.30 2.256	60.48 2.381	63.66 2.506	70.03 2.757	76.39 3.008	82.76 3.258	89.13 3.509	95.49 3.760	101.86 4.010	108.23 4.261	114.59 4.511
Smallest Sprocket RPM	1160	0.47	0.55	0.63	0.72	0.89	1.07	1.26	1.35	1.45	1.54	1.64	1.84	2.04	2.25	2.45	2.66	2.88	3.09	3.31
	1460	0.55	0.64	0.74	0.84	1.05	1.26	1.48	1.59	1.70	1.81	1.93	2.16	2.39	2.63	2.87	3.11	3.36	3.61	3.86
	1750	0.62	0.73	0.84	0.95	1.19	1.43	1.67	1.80	1.92	2.05	2.18	2.44	2.70	2.97	3.24	3.52	3.79	4.07	4.35
	2900	0.88	1.04	1.19	1.35	1.68	2.01	2.35	2.53	2.70	2.87	3.05	3.40	3.76	4.11	4.47	4.82	5.18	5.53	5.87
	3500	1.01	1.18	1.36	1.54	1.90	2.28	2.66	2.85	3.04	3.24	3.43	3.82	4.20	4.58	4.96	5.34	5.70	6.06	6.42
	10	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05
	20	0.01	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10
	40	0.03	0.03	0.04	0.04	0.05	0.06	0.08	0.08	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	60	0.04	0.05	0.06	0.06	0.08	0.10	0.11	0.12	0.13	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29
	100	0.08	0.10	0.11	0.13	0.13	0.16	0.19	0.20	0.22	0.23	0.25	0.28	0.32	0.35	0.37	0.40	0.43	0.45	0.48
	200	0.14	0.16	0.18	0.21	0.26	0.31	0.37	0.40	0.42	0.45	0.48	0.54	0.60	0.66	0.72	0.78	0.85	0.91	0.96
	300	0.18	0.21	0.25	0.28	0.35	0.42	0.49	0.53	0.56	0.60	0.64	0.72	0.80	0.88	0.96	1.04	1.12	1.21	1.29
	400	0.22	0.26	0.30	0.34	0.42	0.51	0.60	0.64	0.69	0.74	0.78	0.88	0.97	1.07	1.17	1.27	1.37	1.48	1.58
	500	0.26	0.30	0.35	0.40	0.50	0.60	0.70	0.75	0.81	0.86	0.91	1.02	1.14	1.25	1.37	1.49	1.61	1.73	1.85
	600	0.29	0.35	0.40	0.45	0.56	0.68	0.79	0.85	0.91	0.98	1.04	1.16	1.29	1.42	1.55	1.69	1.82	1.96	2.10
	800	0.36	0.42	0.49	0.55	0.69	0.83	0.97	1.04	1.12	1.19	1.27	1.42	1.58	1.74	1.90	2.06	2.23	2.39	2.56
	1000	0.42	0.49	0.57	0.65	0.80	0.97	1.13	1.22	1.31	1.39	1.48	1.66	1.84	2.03	2.21	2.40	2.60	2.79	2.99
	1600	0.58	0.69	0.79	0.90	1.11	1.34	1.57	1.69	1.81	1.93	2.05	2.30	2.55	2.80	3.05	3.31	3.57	3.84	4.10
	2000	0.68	0.80	0.92	1.05	1.30	1.56	1.83	1.97	2.11	2.25	2.39	2.67	2.96	3.25	3.54	3.84	4.13	4.43	4.73
	2500	0.80	0.94	1.08	1.22	1.52	1.82	2.13	2.29	2.45	2.61	2.77	3.09	3.42	3.75	4.08	4.42	4.75	5.08	5.41
4000	1.10	1.29	1.48	1.68	2.08	2.48	2.89	3.10	3.30	3.51	3.71	4.12	4.52	4.91	5.30	5.68	6.04	6.39	6.73	
6000	1.45	1.69	1.93	2.18	2.67	3.15	3.62	3.85	4.08	4.29	4.51	4.90	5.27	5.59	5.88	6.11	6.28	...	...
8000	1.74	2.01	2.29	2.56	3.09	3.58	4.02	4.22	4.40	4.57	4.71	4.93	5.06	...	...	...	...	...	...
10000	1.97	2.27	2.56	2.83	3.33	3.74	4.04	4.14	4.20	4.22	...	...	...	...	...	...	...	...	...
12000	2.16	2.46	2.73	2.98	3.37	3.59	3.61	...	...	...	...	...	...	...	...	...	...	...	...
		25mm (.98 in.) wide belt (5M-25)																		
Smallest Sprocket RPM	1160	0.84	0.99	1.14	1.29	1.61	1.93	2.27	2.44	2.61	2.79	2.96	3.32	3.68	4.05	4.42	4.80	5.18	5.57	5.96
	1460	0.99	1.16	1.34	1.52	1.89	2.27	2.66	2.86	3.06	3.27	3.47	3.89	4.31	4.74	5.18	5.62	6.06	6.51	6.96
	1750	1.12	1.32	1.52	1.72	2.14	2.57	3.01	3.24	3.47	3.70	3.93	4.40	4.88	5.36	5.85	6.34	6.83	7.33	7.84
	2900	1.59	1.87	2.15	2.44	3.03	3.63	4.24	4.55	4.87	5.18	5.50	6.14	6.78	7.42	8.06	8.70	9.33	9.97	10.59
	3500	1.82	2.13	2.45	2.77	3.43	4.11	4.80	5.14	5.49	5.84	6.19	6.88	7.58	8.27	8.95	9.62	10.29	10.94	11.57
	10	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09
	20	0.03	0.03	0.03	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.13	0.14	0.14	0.15	0.16	0.17
	40	0.05	0.06	0.07	0.08	0.10	0.12	0.14	0.15	0.16	0.17	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35
	60	0.08	0.09	0.10	0.12	0.14	0.17	0.20	0.22	0.24	0.25	0.27	0.31	0.34	0.38	0.41	0.43	0.46	0.49	0.52
	100	0.15	0.18	0.20	0.23	0.24	0.29	0.34	0.37	0.39	0.42	0.45	0.51	0.57	0.63	0.68	0.72	0.77	0.82	0.87
	200	0.25	0.29	0.33	0.38	0.47	0.57	0.66	0.71	0.76	0.82	0.87	0.97	1.08	1.19	1.30	1.41	1.53	1.64	1.74
	300	0.33	0.38	0.44	0.50	0.62	0.75	0.88	0.95	1.02	1.08	1.15	1.29	1.43	1.58	1.73	1.87	2.03	2.18	2.33
	400	0.40	0.47	0.54	0.61	0.76	0.92	1.08	1.16	1.24	1.33	1.41	1.58	1.75	1.93	2.11	2.29	2.48	2.66	2.85
	500	0.47	0.55	0.63	0.72	0.89	1.07	1.26	1.36	1.45	1.55	1.65	1.85	2.05	2.26	2.47	2.68	2.89	3.11	3.33
	600	0.53	0.62	0.72	0.81	1.01	1.22	1.43	1.54	1.65	1.76	1.87	2.10	2.33	2.56	2.80	3.04	3.29	3.53	3.78
	800	0.65	0.76	0.88	1.00	1.24	1.49	1.75	1.88	2.02	2.15	2.29	2.56	2.85	3.13	3.42	3.72	4.01	4.31	4.62
	1000	0.76	0.89	1.03	1.16	1.45	1.74	2.05	2.20	2.36	2.51	2.67	2.99	3.32	3.66	3.99	4.34	4.68	5.03	5.39
	1600	1.05	1.24	1.42	1.62	2.01	2.42	2.83	3.05	3.26	3.48	3.70	4.14	4.59	5.04	5.51	5.97	6.44	6.92	7.39
	2000	1.23	1.45	1.66	1.89	2.35	2.82	3.30	3.55	3.80	4.05	4.30	4.81	5.33	5.86	6.39	6.92	7.45	7.99	8.53
	2500	1.44	1.69	1.94	2.20	2.73	3.28	3.84	4.13	4.41	4.70	4.99	5.58	6.17	6.77	7.36	7.96	8.56	9.16	9.76
4000	1.99	2.33	2.68	3.03	3.75	4.48	5.21	5.58	5.95	6.32	6.69	7.42	8.15	8.86	9.56	10.23	10.89	11.52	12.13	
6000	2.61	3.04	3.48	3.93	4.81	5.68	6.53	6.95	7.35	7.74	8.12	8.84	9.50	10.09	10.59	11.01	11.33	...	...
8000	3.13	3.63	4.13	4.62	5.57	6.46	7.25	7.61	7.94	8.23	8.49	8.89	9.12	...	...	...	...	...	...
10000	3.56	4.10	4.62	5.11	6.01	6.74	7.28	7.46	7.57	7.61	...	...	...	...	...	...	...	...	...
12000	3.89	4.43	4.93	5.38	6.08	6.48	6.50	...	...	...	...	...	...	...	...	...	...	...	...

Drives falling within the shaded area may be considered noisy and require a sound dampening guard to reduce noise emission.



8 mm RPP™ Belt Horsepower Ratings

The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

		20mm (.79 in.) wide belt (8M-20)																
No. of Teeth	PD	22	24	26	28	30	32	34	36	38	40	44	48	56	64	72	80	
		mm in.	56.02 2.206	61.12 2.406	66.21 2.607	71.30 2.807	76.39 3.008	81.49 3.208	86.58 3.409	91.67 3.609	96.77 3.810	101.86 4.010	112.05 4.411	122.23 4.812	142.60 5.614	162.97 6.416	183.35 7.218	203.72 8.020
Smallest Sprocket RPM	1160	2.65	2.89	3.13	3.73	4.07	4.68	5.35	6.87	7.22	7.56	8.25	8.92	10.23	11.48	12.67	13.80	
	1460	3.33	3.63	3.93	4.69	5.10	5.74	6.55	8.41	8.83	9.26	10.09	10.90	12.48	13.98	15.40	16.74	
	1750	3.99	4.35	4.71	5.61	6.10	6.72	7.67	9.85	10.34	10.84	11.80	12.75	14.56	16.28	17.89	19.39	
	2900	6.57	7.15	7.73	9.22	10.01	10.81	11.82	13.19	13.81	14.43	15.62	16.75	18.85	20.70	22.29	23.59	
	3500	7.89	8.59	9.28	11.05	11.99	12.94	13.91	15.50	16.22	16.92	18.25	19.51	21.78	23.67	...	...
	10	0.02	0.03	0.03	0.04	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.11	0.12	0.14	0.16	
	20	0.05	0.05	0.06	0.07	0.09	0.10	0.11	0.13	0.15	0.16	0.17	0.19	0.22	0.25	0.28	0.31	
	40	0.09	0.10	0.12	0.15	0.17	0.20	0.23	0.26	0.30	0.31	0.34	0.37	0.44	0.50	0.56	0.62	
	60	0.14	0.15	0.19	0.22	0.26	0.30	0.34	0.39	0.44	0.47	0.51	0.56	0.65	0.75	0.84	0.94	
	100	0.23	0.26	0.31	0.37	0.43	0.50	0.57	0.64	0.74	0.78	0.86	0.94	1.09	1.25	1.40	1.56	
	200	0.46	0.51	0.61	0.72	0.84	0.97	1.10	1.29	1.48	1.56	1.71	1.86	2.14	2.41	2.67	2.93	
	300	0.69	0.75	0.88	1.04	1.21	1.39	1.59	1.93	2.15	2.26	2.47	2.68	3.08	3.47	3.85	4.21	
	400	0.91	1.00	1.14	1.34	1.57	1.81	2.06	2.58	2.79	2.93	3.20	3.47	3.99	4.49	4.97	5.44	
	500	1.14	1.25	1.39	1.64	1.92	2.21	2.52	3.22	3.41	3.58	3.91	4.23	4.86	5.48	6.07	6.64	
	600	1.37	1.50	1.64	1.94	2.26	2.60	2.97	3.82	4.02	4.21	4.60	4.98	5.72	6.44	7.13	7.79	
	800	1.83	1.99	2.16	2.58	2.92	3.37	3.84	4.94	5.19	5.44	5.94	6.43	7.38	8.30	9.18	10.03	
	1000	2.28	2.49	2.70	3.22	3.56	4.11	4.69	6.02	6.33	6.64	7.24	7.83	8.98	10.09	11.15	12.16	
	1200	2.74	2.99	3.24	3.86	4.19	4.83	5.51	7.07	7.44	7.79	8.50	9.19	10.53	11.82	13.04	14.20	
	1400	3.19	3.48	3.77	4.50	4.86	5.53	6.31	8.10	8.51	8.92	9.73	10.51	12.04	13.49	14.86	16.16	
	1600	3.65	3.98	4.31	5.13	5.58	6.22	7.09	9.11	9.57	10.03	10.92	11.80	13.49	15.10	16.62	18.04	
	2000	4.55	4.96	5.37	6.40	6.96	7.55	8.61	11.06	11.61	12.16	13.23	14.28	16.29	18.17	19.92	21.54	
	2500	5.68	6.18	6.69	7.97	8.66	9.36	10.43	11.55	12.11	12.66	13.73	14.75	16.67	18.41	19.95	21.28	
	4000	8.98	9.77	10.54	12.55	13.60	14.67	15.75	17.30	18.07	18.82	20.25	21.57	23.86	...	...	...
	6000	12.48	13.50	14.49	15.45	16.37	17.26	18.10	18.91	19.67	24.72	...	...	...	...	...	...
	8000	14.24	15.26	16.21	17.09	17.88	...	...	...	...	...	...	...	...	...	...	...
			30mm (1.18 in.) wide belt (8M-30)															
	Smallest Sprocket RPM	1160	4.21	4.59	4.97	5.93	6.46	7.45	8.50	10.92	11.47	12.03	13.12	14.19	16.26	18.25	20.14	21.95
		1460	5.30	5.77	6.25	7.46	8.10	9.12	10.41	13.36	14.04	14.72	16.04	17.34	19.84	22.22	24.48	26.61
1750		6.34	6.91	7.48	8.92	9.70	10.69	12.20	15.66	16.45	17.23	18.77	20.27	23.15	25.88	28.44	30.84	
2900		10.44	11.37	12.30	14.66	15.91	17.19	18.80	20.97	21.96	22.94	24.83	26.64	29.98	32.92	35.44	37.51	
3500		12.55	13.66	14.75	17.58	19.06	20.57	22.11	24.64	25.78	26.89	29.02	31.03	34.62	...	...	...
10		0.04	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.12	0.12	0.14	0.15	0.17	0.20	0.22	0.25	
20		0.07	0.08	0.10	0.12	0.14	0.16	0.18	0.21	0.24	0.25	0.27	0.30	0.35	0.40	0.45	0.50	
40		0.15	0.16	0.20	0.23	0.27	0.32	0.36	0.41	0.47	0.50	0.55	0.59	0.69	0.79	0.89	0.99	
60		0.22	0.24	0.29	0.35	0.41	0.47	0.54	0.62	0.71	0.74	0.82	0.89	1.04	1.19	1.34	1.49	
100		0.36	0.41	0.49	0.58	0.68	0.79	0.90	1.03	1.18	1.24	1.36	1.49	1.74	1.98	2.23	2.48	
200		0.73	0.80	0.97	1.14	1.33	1.54	1.75	2.05	2.35	2.48	2.72	2.95	3.40	3.83	4.25	4.66	
300		1.09	1.19	1.40	1.65	1.92	2.22	2.53	3.07	3.43	3.59	3.93	4.25	4.90	5.52	6.12	6.70	
400		1.45	1.59	1.81	2.14	2.49	2.87	3.28	4.10	4.44	4.66	5.09	5.51	6.34	7.14	7.91	8.66	
500		1.82	1.98	2.21	2.61	3.05	3.51	4.01	5.12	5.42	5.69	6.21	6.73	7.73	8.71	9.65	10.55	
600		2.18	2.38	2.61	3.08	3.59	4.14	4.73	6.07	6.39	6.70	7.31	7.92	9.10	10.24	11.34	12.39	
800		2.91	3.17	3.43	4.10	4.65	5.35	6.11	7.85	8.26	8.66	9.45	10.23	11.74	13.20	14.60	15.94	
1000		3.63	3.96	4.29	5.12	5.67	6.53	7.45	9.57	10.06	10.55	11.51	12.45	14.28	16.04	17.73	19.33	
1200		4.36	4.75	5.14	6.13	6.67	7.68	8.76	11.25	11.82	12.39	13.51	14.61	16.75	18.79	20.73	22.58	
1400		5.08	5.54	6.00	7.15	7.77	8.79	10.03	12.88	13.54	14.19	15.46	16.72	19.14	21.44	23.63	25.70	
1600		5.80	6.32	6.85	8.16	8.87	9.89	11.28	14.48	15.21	15.94	17.37	18.76	21.46	24.01	26.42	28.69	
2000		7.24	7.89	8.54	10.18	11.06	12.01	13.70	17.58	18.46	19.33	21.04	22.71	25.89	28.89	31.68	34.25	
2500		9.03	9.83	10.64	12.68	13.77	14.88	16.58	18.37	19.26	20.13	21.83	23.46	26.51	29.27	31.72	33.84	
4000		14.28	15.53	16.76	19.96	21.63	23.33	25.05	27.50	28.73	29.93	32.20	34.29	37.94	...	...	...
6000		19.85	21.47	23.04	24.56	26.03	27.44	28.78	30.06	31.27	39.30	...	...	...	...	...	...
8000		22.64	24.27	25.78	27.17	28.43	...	...	...	...	...	...	...	...	...	...	...

Drives falling within the shaded area may be considered noisy and require a sound dampening guard to reduce noise emission.

8 mm RPP™ Belt Horsepower Ratings



The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

		50mm (1.97 in.) wide belt (8M-50)													
Smallest Sprocket RPM	No. of Teeth	28	30	32	34	36	38	40	44	48	56	64	72	80	
	PD	mm	71.30	76.39	81.49	86.58	91.67	96.77	101.86	112.05	122.23	142.60	162.97	183.35	203.72
	in.	2.807	3.008	3.208	3.409	3.609	3.810	4.010	4.411	4.812	5.614	6.416	7.218	8.020	
Smallest Sprocket RPM	1160	10.26	11.18	12.88	14.70	18.88	19.85	20.80	22.69	24.54	28.12	31.56	34.84	37.96	
	1460	12.89	14.02	15.78	18.01	23.11	24.29	25.45	27.74	29.98	34.31	38.43	42.34	46.02	
	1750	15.43	16.77	18.49	21.10	27.08	28.45	29.80	32.46	35.05	40.04	44.76	49.19	53.33	
	2900	25.35	27.52	29.73	32.51	36.26	37.99	39.68	42.95	46.08	51.84	56.93	61.30	64.88	
	3500	30.40	32.97	35.59	38.25	42.62	44.60	46.52	50.20	53.66	59.88	65.10	...	...
	10	0.10	0.12	0.14	0.16	0.18	0.20	0.21	0.24	0.26	0.30	0.34	0.39	0.43	
	20	0.20	0.24	0.27	0.31	0.35	0.41	0.43	0.47	0.51	0.60	0.69	0.77	0.86	
	40	0.40	0.47	0.55	0.62	0.71	0.81	0.86	0.94	1.03	1.20	1.37	1.54	1.71	
	60	0.60	0.71	0.82	0.94	1.06	1.22	1.29	1.41	1.54	1.80	2.06	2.32	2.57	
	100	1.01	1.18	1.36	1.56	1.77	2.04	2.14	2.36	2.57	3.00	3.43	3.86	4.29	
	200	1.97	2.30	2.66	3.03	3.55	4.07	4.29	4.71	5.10	5.88	6.62	7.35	8.06	
	300	2.85	3.32	3.83	4.38	5.32	5.93	6.22	6.79	7.36	8.47	9.54	10.58	11.59	
	400	3.70	4.31	4.97	5.68	7.09	7.68	8.05	8.80	9.53	10.96	12.34	13.68	14.97	
	500	4.52	5.27	6.08	6.94	8.86	9.38	9.84	10.75	11.64	13.38	15.06	16.68	18.25	
600	5.33	6.21	7.16	8.17	10.50	11.05	11.59	12.65	13.70	15.74	17.71	19.61	21.43		
800	7.08	8.03	9.26	10.57	13.58	14.28	14.97	16.34	17.69	20.30	22.82	25.25	27.57		
1000	8.85	9.80	11.29	12.89	16.56	17.41	18.25	19.91	21.54	24.70	27.75	30.66	33.44		
1200	10.61	11.53	13.28	15.15	19.45	20.45	21.43	23.37	25.28	28.96	32.49	35.86	39.06		
1400	12.37	13.44	15.21	17.36	22.28	23.41	24.54	26.75	28.91	33.10	37.09	40.87	44.45		
1600	14.12	15.35	17.10	19.51	25.04	26.31	27.57	30.04	32.45	37.11	41.52	45.70	49.61		
2000	17.61	19.13	20.77	23.69	30.40	31.93	33.44	36.39	39.27	44.79	49.96	54.78	59.24		
2500	21.93	23.82	25.74	28.68	31.77	33.31	34.82	37.75	40.59	45.86	50.63	54.86	58.53		
4000	34.52	37.41	40.34	43.32	47.56	49.70	51.76	55.68	59.31	65.63	...	...	...
6000	42.49	45.02	47.46	49.78	51.99	54.08	67.97	...	...	...	...	...	...
8000	47.00	49.17	...	...	...	...	...	...	...	...	...	...	...
		85mm (3.35 in.) wide belt (8M-85)													
Smallest Sprocket RPM	1160	...	...	...	25.56	32.82	34.49	36.16	39.44	42.65	48.88	54.85	60.55	65.97
	1460	...	...	...	31.30	40.18	42.22	44.24	48.22	52.12	59.64	66.80	73.59	80.00
	1750	...	...	...	36.67	47.07	49.45	51.80	56.42	60.92	69.60	77.80	85.50	92.70
	2900	...	...	...	56.51	63.03	66.03	68.97	74.66	80.09	90.11	98.96	106.54	112.78
	3500	...	...	...	66.48	74.09	77.52	80.85	87.25	93.27	104.09	113.15	...	...
	10	...	...	...	0.27	0.31	0.35	0.37	0.41	0.45	0.52	0.60	0.67	0.75
	20	...	...	...	0.54	0.62	0.71	0.75	0.82	0.89	1.04	1.19	1.34	1.49
	40	...	...	...	1.09	1.23	1.42	1.49	1.64	1.79	2.09	2.38	2.68	2.98
	60	...	...	...	1.63	1.85	2.12	2.24	2.46	2.68	3.13	3.58	4.02	4.47
	100	...	...	...	2.71	3.08	3.54	3.73	4.10	4.47	5.22	5.96	6.71	7.45
	200	...	...	...	5.27	6.16	7.08	7.45	8.19	8.87	10.21	11.51	12.78	14.00
	300	...	...	...	7.61	9.24	10.30	10.81	11.81	12.79	14.72	16.58	18.39	20.14
	400	...	...	...	9.87	12.32	13.35	14.00	15.29	16.56	19.05	21.45	23.78	26.02
	500	...	...	...	12.06	15.40	16.31	17.11	18.68	20.23	23.25	26.18	29.00	31.72
600	...	...	...	14.21	18.26	19.20	20.14	21.99	23.81	27.35	30.78	34.08	37.26	
800	...	...	...	18.37	23.60	24.82	26.02	28.40	30.74	35.29	39.67	43.88	47.92	
1000	...	...	...	22.41	28.78	30.25	31.72	34.60	37.44	42.94	48.23	53.29	58.12	
1200	...	...	...	26.33	33.81	35.54	37.25	40.63	43.93	50.35	56.48	62.33	67.90	
1400	...	...	...	30.17	38.73	40.70	42.65	46.49	50.25	57.53	64.46	71.04	77.27	
1600	...	...	...	33.91	43.53	45.74	47.92	52.21	56.41	64.50	72.18	79.43	86.24	
2000	...	...	...	41.18	52.85	55.50	58.12	63.26	68.26	77.85	86.84	95.22	102.96	
2500	...	...	...	49.86	55.22	57.90	60.52	65.62	70.53	79.71	88.00	95.36	101.73	
4000	...	...	...	75.30	82.67	86.38	89.97	96.79	103.10	114.07	...	...	...
6000	...	...	...	86.53	90.37	94.00	118.15	...	...	...	...	...	...
8000	...	...	...	...	...	...	...	...	...	...	...	...	...

Drives falling within the shaded area may be considered noisy and require a sound dampening guard to reduce noise emission.



14 mm RPP™ Belt Horsepower Ratings

The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

40mm (1.57 in.) wide belt (14M-40)																		
No. of Teeth																		
	28	29	30	32	34	36	38	40	44	48	52	56	60	64	68	72	80	
PD	mm	124.78	129.23	133.69	142.60	151.51	160.43	169.34	178.25	196.08	213.90	231.73	249.55	267.38	285.21	303.03	320.86	356.51
	in.	4.912	5.088	5.263	5.614	5.965	6.316	6.667	7.018	7.720	8.421	9.123	9.825	10.527	11.229	11.930	12.632	14.036
Smallest Sprocket RPM	1160	18.24	19.55	20.91	23.77	26.81	30.02	32.56	34.13	37.22	40.24	43.17	46.01	48.77	51.42	53.97	56.42	60.98
	1460	20.70	22.18	23.72	26.93	30.35	33.96	36.72	38.35	41.50	44.48	47.29	49.92	52.35	54.58	56.60	58.39	61.29
	1750	22.58	24.19	25.85	29.32	33.00	36.89	39.76	41.35	44.32	47.02	49.42	51.51	53.27	54.70	55.76	56.44	56.61
	2900	33.08	33.94	34.76	36.30	37.69	40.50	42.71	43.04	42.92	42.39	...	...	...	...	...	...	...
	3500	37.55	38.32	39.04	40.27	41.24	41.92	42.31	42.39	...	...	...	...	...	...	...	...	...
	10	0.26	0.28	0.30	0.35	0.40	0.45	0.47	0.49	0.55	0.62	0.68	0.75	0.80	0.86	0.91	0.96	1.07
	20	0.52	0.56	0.60	0.69	0.79	0.89	0.93	0.99	1.11	1.23	1.36	1.49	1.60	1.71	1.82	1.93	2.14
	40	1.04	1.12	1.21	1.39	1.58	1.79	1.86	1.98	2.22	2.47	2.72	2.98	3.21	3.42	3.64	3.85	4.28
	60	1.55	1.68	1.81	2.08	2.37	2.68	2.79	2.97	3.33	3.70	4.08	4.47	4.81	5.13	5.45	5.77	6.42
	100	2.59	2.80	3.01	3.47	3.96	4.47	4.66	4.95	5.55	6.16	6.80	7.45	8.02	8.55	9.09	9.62	10.69
	200	5.18	5.59	6.03	6.94	7.87	8.83	9.31	9.89	11.09	12.32	13.59	14.90	16.03	17.10	18.16	19.23	21.36
	300	7.26	7.79	8.34	9.49	10.71	12.01	13.11	13.87	15.39	16.95	18.53	20.13	21.76	23.42	25.10	26.81	30.29
	400	8.98	9.63	10.30	11.72	13.23	14.83	16.19	17.10	18.94	20.81	22.71	24.62	26.56	28.52	30.51	32.51	36.59
	500	10.53	11.30	12.09	13.75	15.52	17.40	18.97	20.02	22.13	24.27	26.42	28.59	30.78	32.99	35.22	37.46	41.99
	600	11.96	12.82	13.72	15.61	17.62	19.75	21.51	22.68	25.03	27.39	29.76	32.14	34.54	36.94	39.35	41.76	46.62
	800	14.50	15.55	16.63	18.92	21.35	23.92	26.02	27.38	30.09	32.80	35.49	38.17	40.84	43.49	46.12	48.73	53.88
	1000	16.69	17.90	19.15	21.77	24.56	27.51	29.87	31.37	34.34	37.26	40.14	42.97	45.75	48.47	51.13	53.73	58.74
	1200	18.60	19.94	21.33	24.24	27.33	30.60	33.17	34.76	37.87	40.90	43.83	46.67	49.40	52.02	54.53	56.92	61.31
1400	20.25	21.70	23.21	26.36	29.71	33.25	35.97	37.60	40.76	43.77	46.62	49.32	51.85	54.19	56.35	58.32	61.63	
1600	21.67	23.22	24.81	28.17	31.72	35.48	38.31	39.93	43.02	45.90	48.54	50.95	53.11	55.00	56.61	57.93	59.65	
1800	22.86	24.49	26.16	29.67	33.39	37.31	40.19	41.76	44.68	47.30	49.60	51.57	53.18	54.42	55.27	55.71	...	
2000	24.37	25.53	27.26	30.88	34.72	38.75	41.63	43.10	45.74	47.98	49.79	51.15	52.03	52.41	52.27	...	...
2500	29.47	30.32	31.14	32.72	36.59	40.69	43.34	44.31	45.74	46.43	46.33	45.40	...	...	...	...	...
3000	33.91	34.76	35.58	37.09	38.43	40.20	42.26	42.40	42.28	...	...	...	...	...	...	...	...
4000	40.27	40.86	41.35	42.07	42.38	...	...	...	...	...	...	...	...	...	...	...	...
55mm (2.17in.) wide belt (14M-55)																		
Smallest Sprocket RPM	1160	26.67	28.59	30.58	34.75	39.19	43.89	47.60	49.90	54.42	58.82	63.11	67.27	71.29	75.18	78.91	82.49	89.15
	1460	30.26	32.43	34.67	39.38	44.37	49.65	53.69	56.07	60.67	65.03	69.14	72.98	76.53	79.79	82.75	85.37	89.60
	1750	33.02	35.37	37.79	42.87	48.25	53.93	58.13	60.45	64.80	68.74	72.25	75.31	77.89	79.96	81.52	82.52	82.77
	2900	48.37	49.62	50.82	53.07	55.10	59.21	62.43	62.92	62.75	61.98	...	...	...	...	...	...	...
	3500	54.90	56.03	57.07	58.87	60.29	61.29	61.86	61.97	...	...	...	...	...	...	...	...	...
	10	0.38	0.41	0.44	0.51	0.58	0.65	0.68	0.72	0.81	0.90	0.99	1.09	1.17	1.25	1.33	1.41	1.56
	20	0.76	0.82	0.88	1.01	1.16	1.31	1.36	1.45	1.62	1.80	1.99	2.18	2.35	2.50	2.66	2.81	3.13
	40	1.51	1.64	1.76	2.03	2.31	2.62	2.72	2.89	3.24	3.61	3.98	4.36	4.69	5.00	5.32	5.63	6.25
	60	2.27	2.45	2.64	3.04	3.47	3.92	4.09	4.34	4.87	5.41	5.97	6.54	7.04	7.50	7.97	8.44	9.38
	100	3.79	4.09	4.41	5.07	5.78	6.54	6.81	7.24	8.11	9.01	9.94	10.90	11.72	12.51	13.29	14.07	15.63
	200	7.57	8.18	8.81	10.14	11.51	12.91	13.61	14.47	16.21	18.02	19.87	21.78	23.43	24.99	26.55	28.11	31.22
	300	10.62	11.39	12.19	13.87	15.66	17.55	19.17	20.27	22.51	24.78	27.09	29.44	31.82	34.24	36.70	39.19	44.29
	400	13.12	14.08	15.06	17.14	19.35	21.69	23.66	25.00	27.70	30.43	33.19	36.00	38.83	41.70	44.60	47.53	53.50
	500	15.40	16.51	17.67	20.10	22.69	25.44	27.73	29.27	32.36	35.48	38.63	41.81	45.01	48.23	51.49	54.76	61.39
	600	17.48	18.75	20.06	22.82	25.76	28.87	31.45	33.16	36.59	40.04	43.51	46.99	50.49	54.00	57.52	61.06	68.16
	800	21.19	22.73	24.32	27.66	31.21	34.97	38.04	40.03	44.00	47.95	51.89	55.81	59.71	63.58	67.42	71.24	78.78
	1000	24.40	26.17	27.99	31.83	35.90	40.22	43.67	45.87	50.20	54.48	58.69	62.82	66.88	70.86	74.75	78.56	85.87
	1200	27.19	29.15	31.18	35.43	39.95	44.74	48.50	50.82	55.37	59.80	64.08	68.23	72.22	76.05	79.72	83.21	89.64
1400	29.61	31.73	33.93	38.54	43.43	48.61	52.60	54.98	59.59	63.99	68.16	72.10	75.80	79.23	82.39	85.27	90.11	
1600	31.68	33.94	36.28	41.18	46.38	51.87	56.01	58.38	62.89	67.10	70.97	74.49	77.64	80.41	82.77	84.70	87.22	
1800	33.43	35.80	38.25	43.38	48.81	54.55	58.76	61.05	65.32	69.15	72.52	75.90	77.75	79.56	80.80	81.44	...	
2000	35.63	37.32	39.85	45.15	50.75	56.66	60.87	63.01	66.87	70.14	72.79	74.78	76.07	76.63	76.42	...	...
2500	43.09	44.33	45.53	47.83	53.49	59.49	63.36	64.79	66.87	67.88	67.74	66.37	...	...	...	...	...
3000	49.58	50.82	52.01	54.22	56.18	58.78	61.79	61.98	61.81	...	...	...	...	...	...	...	...
4000	58.87	59.73	60.46	61.50	61.96	...	...	...	...	...	...	...	...	...	...	...	...

Drives falling within the shaded area may be considered noisy and require a sound dampening guard to reduce noise emission.

14 mm RPP™ Belt Horsepower Ratings



The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

		85mm (3.35 in.) wide belt (14M-85)																	
No. of Teeth	PD	28	29	30	32	34	36	38	40	44	48	52	56	60	64	68	72	80	
		mm in.	124.78 4.912	129.23 5.088	133.69 5.263	142.60 5.614	151.51 5.965	160.43 6.316	169.34 6.667	178.25 7.018	196.08 7.720	213.90 8.421	231.73 9.123	249.55 9.825	267.38 10.527	285.21 11.229	303.03 11.930	320.86 12.632	356.51 14.036
Smallest Sprocket RPM	1160	43.50	46.64	49.88	56.69	63.93	71.60	77.64	81.40	88.77	95.96	102.96	109.74	116.31	122.64	128.73	134.57	145.43	
	1460	49.37	52.91	56.57	64.24	72.38	80.99	87.58	91.47	98.98	106.09	112.79	119.05	124.85	130.17	134.99	139.27	146.17	
	1750	53.87	57.69	61.65	69.93	78.71	87.98	94.83	98.61	105.70	112.13	117.86	122.85	127.06	130.45	132.98	134.61	135.02	
	2900	78.90	80.95	82.91	86.58	89.89	96.59	101.85	102.64	102.37	101.11	...	...	...	...	...	...	...
	3500	89.57	91.40	93.10	96.04	98.35	99.99	100.91	101.09
	10	0.62	0.67	0.72	0.83	0.94	1.07	1.11	1.18	1.32	1.47	1.62	1.78	1.91	2.04	2.17	2.30	2.55	
	20	1.24	1.33	1.44	1.65	1.89	2.22	2.36	2.65	2.94	3.24	3.56	3.83	4.08	4.34	4.59	5.10	5.10	
	40	2.47	2.67	2.87	3.31	3.77	4.27	4.44	4.72	5.29	5.88	6.49	7.11	7.65	8.16	8.67	9.18	10.20	
	60	3.71	4.00	4.31	4.96	5.66	6.40	6.66	7.08	7.94	8.82	9.73	10.67	11.48	12.24	13.01	13.77	15.30	
	100	6.18	6.67	7.19	8.27	9.43	10.67	11.11	11.80	13.23	14.70	16.22	17.78	19.13	20.40	21.68	22.95	25.50	
	200	12.35	13.34	14.37	16.54	18.78	21.05	22.21	23.60	26.45	29.39	32.42	35.53	38.23	40.77	43.32	45.86	50.94	
	300	17.32	18.58	19.89	22.63	25.54	28.63	31.27	33.07	36.72	40.42	44.19	48.02	51.91	55.85	59.86	63.93	72.24	
	400	21.41	22.97	24.58	27.96	31.56	35.38	38.60	40.78	45.18	49.64	54.15	58.72	63.34	68.02	72.76	77.54	87.28	
	500	25.12	26.94	28.83	32.80	37.02	41.49	45.24	47.74	52.79	57.88	63.02	68.20	73.42	78.69	83.99	89.34	100.15	
	600	28.52	30.59	32.73	37.23	42.02	47.10	51.31	54.10	59.70	65.33	70.98	76.66	81.37	86.09	93.84	99.61	111.19	
	800	34.57	37.08	39.67	45.12	50.91	57.05	62.05	65.30	71.77	78.23	84.65	91.04	97.40	103.71	109.99	116.21	128.51	
	1000	39.81	42.69	45.67	51.92	58.57	65.61	71.25	74.82	81.90	88.88	95.74	102.49	109.11	115.60	121.95	128.15	140.09	
	1200	44.36	47.56	50.86	57.80	65.18	72.98	79.12	82.91	90.33	97.55	104.54	111.30	117.81	124.07	130.05	135.75	146.23	
	1400	48.30	51.77	55.35	62.87	70.85	79.29	85.80	89.68	97.21	104.38	111.20	117.63	123.65	129.25	134.41	139.10	147.00	
	1600	51.68	55.37	59.18	67.18	75.65	84.61	91.36	95.23	102.60	109.46	115.78	121.52	126.66	131.17	135.02	138.17	142.28	
1800	54.53	58.40	62.40	70.76	79.63	88.98	95.85	99.59	106.56	112.81	118.30	122.99	126.83	129.79	131.81	132.86	...		
2000	58.13	60.88	65.01	73.66	82.80	92.43	99.30	102.79	109.09	114.43	118.75	121.99	124.10	125.01	124.67	...	...
2500	70.30	72.31	74.27	78.03	87.26	97.05	103.36	105.69	109.09	110.74	110.50	108.27	...	...	...	...	...
3000	80.88	82.91	84.85	88.45	91.66	95.89	100.79	101.11	100.83	...	...	...	...	...	...	...	...
4000	96.04	97.44	98.63	100.33	101.08	...	...	...	...	...	...	...	...	...	...	...	...
		115mm (4.53in.) wide belt (14M-115)																	
Smallest Sprocket RPM	1160	60.33	64.69	69.19	78.63	88.67	99.30	107.69	112.90	123.13	133.10	142.80	152.21	161.32	170.10	178.55	186.65	201.72	
	1460	68.47	73.38	78.46	89.10	100.39	112.33	121.48	126.88	137.28	147.15	156.44	165.12	173.17	180.55	187.23	193.17	202.73	
	1750	74.71	80.02	85.51	97.00	109.17	122.02	131.53	136.78	146.61	155.53	163.48	170.39	176.23	180.93	184.44	186.70	187.27	
	2900	109.44	112.27	115.00	120.09	124.68	133.98	141.27	142.37	141.98	140.24	...	...	...	...	...	...	...
	3500	124.23	126.78	129.13	133.21	136.41	138.68	139.97	140.21	...	...	...	...	...	...	...	...	...
	10	0.86	0.93	1.00	1.15	1.31	1.48	1.54	1.64	1.84	2.04	2.25	2.47	2.65	2.83	3.01	3.18	3.54	
	20	1.71	1.85	1.99	2.29	2.62	2.96	3.08	3.27	3.67	4.08	4.50	4.93	5.31	5.66	6.01	6.37	7.08	
	40	3.43	3.70	3.99	4.59	5.23	5.92	6.16	6.55	7.34	8.16	9.00	9.86	10.61	11.32	12.03	12.74	14.15	
	60	5.14	5.55	5.98	6.88	7.85	8.88	9.24	9.82	11.01	12.24	13.50	14.80	15.92	16.98	18.04	19.10	21.22	
	100	8.57	9.25	9.97	11.47	13.08	14.80	15.41	16.37	18.35	20.39	22.49	24.66	26.53	28.30	30.06	31.83	35.37	
	200	17.13	18.50	19.93	22.94	26.05	29.20	30.80	32.73	36.69	40.76	44.96	49.29	53.02	56.55	60.08	63.60	70.65	
	300	24.03	25.78	27.58	31.38	35.43	39.71	43.37	45.87	50.93	56.07	61.29	66.60	71.99	77.47	83.03	88.67	100.20	
	400	29.70	31.85	34.09	38.78	43.77	49.07	53.54	56.56	62.67	68.85	75.11	81.45	87.86	94.35	100.91	107.55	121.06	
	500	34.84	37.37	39.99	45.49	51.34	57.55	62.74	66.22	73.22	80.28	87.41	94.59	101.84	109.14	116.50	123.91	138.91	
	600	39.55	42.42	45.39	51.64	58.28	65.32	71.16	75.03	82.80	90.61	98.45	106.33	114.24	122.19	130.16	138.16	154.22	
	800	47.95	51.43	55.02	62.57	70.61	79.13	86.06	90.57	99.55	108.50	117.41	126.28	135.09	143.85	152.55	161.19	178.24	
	1000	55.22	59.21	63.34	72.01	81.23	91.00	98.82	103.78	113.60	123.27	132.79	142.15	151.34	160.34	169.14	177.75	194.30	
	1200	61.53	65.96	70.55	80.17	90.40	101.23	109.74	114.99	125.29	135.30	145.00	154.37	163.41	172.08	180.38	188.28	202.83	
	1400	66.99	71.80	76.77	87.20	98.27	109.98	119.01	124.39	134.82	144.78	154.23	163.15	171.50	179.27	186.42	192.93	203.89	
	1600	71.68	76.80	82.09	93.17	104.93	117.36	126.72	132.09	142.31	151.82	160.58	168.55	175.68	181.94	187.27	191.64	197.34	
1800	75.63	81.00	86.54	98.15	110.44	123.42	132.95	138.14	147.80	156.47	164.08	170.59	175.92	180.02	182.82	184.28	...		
2000	80.63	84.44	90.18	102.16	114.84	128.20	137.73	142.57	151.31	158.71	164.70	169.20	172.12	173.39	172.91	...	...
2500	97.50	100.29	103.02	108.23	121.03	134.61	143.36	146.59	151.31	153.59	153.27	150.18	...	...	...	...	...
3000	112.18	115.00	117.69	122.68	127.13	133.00	139.80	140.24	139.85	...	...	...	...	...	...	...	...
4000	133.21	135.15	136.79	139.15	140.20	...	...	...	...	...	...	...	...	...	...	...	...

Drives falling within the shaded area may be considered noisy and require a sound dampening guard to reduce noise emission.



14 mm & 20 mm RPP™ Belt Horsepower Ratings

The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

170mm (6.69in.) wide belt (14M-170)													
No. of Teeth													
	36	38	40	44	48	52	56	66	64	68	72	80	
PD	mm	160.43	169.34	178.25	196.08	213.90	231.73	249.55	267.38	285.21	303.03	320.86	356.51
	in.	6.316	6.667	7.018	7.720	8.421	9.123	9.825	10.527	11.229	11.930	12.632	14.036
Smallest Sprocket RPM	1160	150.10	162.78	170.65	186.11	201.18	215.84	230.06	243.83	257.10	269.87	282.11	304.89
	1460	169.79	183.61	191.77	207.50	222.41	236.45	249.59	261.74	272.90	282.99	291.97	306.43
	1750	184.44	198.81	206.73	221.60	235.08	247.09	257.55	266.37	273.48	278.78	282.20	283.06
	2900	202.50	213.53	215.19	214.60	211.97	...	...	...	...	...	...	...
	3500	209.62	211.56	211.93	...	...	...	...	...	...	...	...	...
	10	2.24	2.33	2.47	2.77	3.08	3.40	3.73	4.01	4.28	4.55	4.81	5.35
	20	4.47	4.66	4.95	5.55	6.16	6.80	7.45	8.02	8.56	9.09	9.63	10.70
	40	8.95	9.31	9.90	11.10	12.33	13.60	14.91	16.04	17.11	18.18	19.25	21.39
	60	13.42	13.97	14.85	16.64	18.49	20.40	22.36	24.06	25.67	27.27	28.87	32.08
	100	22.37	23.29	24.74	27.74	30.82	34.00	37.27	40.10	42.77	45.44	48.11	53.46
	200	44.14	46.56	49.47	55.45	61.61	67.96	74.49	80.14	85.48	90.81	96.14	106.79
	300	60.03	65.55	69.33	76.97	84.74	92.64	100.67	108.82	117.10	125.50	134.03	151.46
	400	74.17	80.93	85.50	94.72	104.06	113.53	123.10	132.80	142.61	152.53	162.57	182.97
	500	86.99	94.84	100.09	110.67	121.34	132.11	142.97	153.92	164.96	176.09	187.29	209.96
	600	98.74	107.56	113.41	125.15	136.95	148.81	160.72	172.68	184.68	196.73	208.82	233.11
	800	119.60	130.08	136.89	150.47	164.00	177.46	190.86	204.19	217.43	230.58	243.63	269.41
	1000	137.54	149.37	156.86	171.70	186.32	200.71	214.86	228.74	242.35	255.66	268.66	293.68
	1200	153.01	165.87	173.81	189.37	204.50	219.16	233.33	246.99	260.10	272.64	284.58	306.57
	1400	166.23	179.87	188.02	203.79	218.83	233.12	246.60	259.23	270.97	281.77	291.61	308.17
	1600	177.38	191.54	199.65	215.10	229.48	242.72	254.76	265.54	275.00	283.06	289.67	298.27
	1800	186.54	200.95	208.79	223.39	236.50	248.01	257.84	265.90	272.09	276.34	278.54	...
	2000	193.77	208.17	215.49	228.70	239.89	248.95	255.75	260.16	262.07	261.35	...	...
	2500	203.46	216.69	221.57	228.71	232.15	231.66	226.99	...	...	...	...	...
	3000	201.02	211.31	211.98	211.38	...	...	...	...	...	...	...	...
	4000	...	...	...	...	...	...	...	...	...	...	...	...

115mm (4.53 in.) wide belt (20M-115)															
No. of Teeth															
	34	36	38	40	44	48	52	56	60	64	68	72	80	90	
PD	mm	216.46	229.18	241.91	254.66	280.11	305.59	331.04	356.51	381.97	407.44	432.89	458.37	509.30	572.95
	in.	8.522	9.023	9.524	10.026	11.028	12.031	13.033	14.036	15.038	16.041	17.043	18.046	20.051	22.557
Smallest Sprocket RPM	870	199.41	210.20	220.85	231.35	251.85	271.65	290.69	308.91	326.25	342.64	358.04	372.36	397.58	422.03
	960	214.31	225.69	236.88	247.87	269.18	289.56	308.93	327.19	344.28	360.10	374.57	387.63	409.12	426.50
	1160	244.73	257.05	269.02	280.65	302.76	323.22	341.91	358.67	373.36	385.83	395.94	403.55	410.65	...
	1460	283.02	295.65	307.61	318.87	339.13	356.15	369.63	379.29	384.84	385.98	382.43	...	...	...
	1750	310.91	322.38	332.71	341.83	356.21	365.02	367.76	363.94	...	...	...	...	...	...
	10	2.82	2.98	3.15	3.32	3.65	3.98	4.31	4.64	4.97	5.31	5.64	5.97	6.63	7.46
	20	5.64	5.97	6.30	6.63	7.30	7.96	8.62	9.29	9.95	10.61	11.28	11.94	13.27	14.92
	40	11.28	11.94	12.60	13.27	14.59	15.92	17.24	18.57	19.90	21.22	22.55	23.87	26.52	29.84
	60	16.91	17.91	18.90	19.90	21.88	23.87	25.86	27.85	29.84	31.82	33.81	35.80	39.77	44.73
	100	28.18	29.84	31.49	33.15	36.46	39.77	43.08	46.39	49.69	53.00	56.30	59.61	66.21	74.44
	200	56.30	59.61	62.91	66.21	72.80	79.38	85.95	92.52	99.07	105.62	112.15	118.66	131.66	147.82
	300	84.31	89.24	94.15	99.07	108.88	118.66	128.42	138.14	147.82	157.46	167.07	176.63	195.61	219.06
	400	109.02	115.29	121.54	127.77	140.19	152.52	164.77	176.93	189.00	200.98	212.84	224.60	247.77	276.01
	500	130.16	137.58	144.97	152.33	166.95	181.43	195.75	209.91	223.90	237.70	251.30	264.69	290.81	322.08
	600	150.19	158.66	167.09	175.46	192.04	208.38	224.46	240.27	255.78	270.97	285.83	300.33	328.19	360.67
	700	169.22	178.65	187.99	197.26	215.54	233.44	250.94	268.01	284.61	300.71	316.29	331.31	359.55	391.14
	800	187.30	197.57	207.73	217.77	237.46	256.60	275.15	293.05	310.27	326.75	342.45	357.32	384.38	412.70
	900	204.46	215.46	226.30	236.97	257.78	277.81	296.99	315.27	332.58	348.84	364.00	377.97	402.13	424.49
	1000	220.70	232.31	243.70	254.86	276.45	296.99	316.38	334.52	351.34	366.73	380.60	392.86	412.18	425.61
	1100	236.00	248.09	259.90	271.40	293.42	314.05	333.15	350.61	366.30	380.10	391.88	401.53	413.90	415.11
	1200	250.36	262.79	274.86	286.53	308.61	328.88	347.18	363.35	377.23	388.66	397.47	403.51	406.62	...
	1400	276.10	288.78	300.87	312.34	333.29	351.38	366.35	377.95	385.91	390.00	389.94	...	...	...
	1600	297.67	309.93	312.32	331.78	349.75	363.46	372.52	376.56	375.19	...	...	...	...	...
	1800	314.73	325.84	335.71	344.26	357.17	364.02	364.26	...	...	...	...	...	...	...
	2000	326.94	336.08	343.52	349.16	354.68	351.91	...	...	...	...	...	...	...	...

Drives falling within the shaded area may be considered noisy and require a sound dampening guard to reduce noise emission.

20 mm RPP™ Belt Horsepower Ratings



The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

170mm (6.69 in.) wide belt (20M-170)															
No. of Teeth															
	34	36	38	40	44	48	52	56	60	64	68	72	80	90	
PD	mm	216.46	229.18	241.91	254.66	280.11	305.59	331.04	356.51	381.97	407.44	432.89	458.37	509.30	572.95
	in.	8.522	9.023	9.524	10.026	11.028	12.031	13.033	14.036	15.038	16.041	17.043	18.046	20.051	22.557
870	309.54	326.35	342.95	359.33	391.35	422.34	452.20	480.84	508.18	534.12	558.58	581.47	622.16	662.56	
960	332.79	350.55	368.02	385.19	418.56	450.54	481.02	509.87	536.98	562.21	585.47	606.61	642.08	672.38	
1160	380.41	399.70	418.49	436.76	471.60	504.02	533.81	560.75	584.62	605.21	622.31	635.71	650.52	...	
1460	440.83	460.80	479.79	497.74	530.30	558.06	580.60	597.48	608.28	612.57	609.92	...	...	...
1750	485.60	504.07	520.85	535.84	560.12	576.17	583.24	580.60	...	...	...	...	...	...
10	4.37	4.63	4.88	5.14	5.65	6.17	6.68	7.20	7.71	8.22	8.74	9.25	10.28	11.57	
20	8.74	9.25	9.77	10.28	11.31	12.34	13.37	14.39	15.42	16.45	17.48	18.51	20.56	23.13	
40	17.48	18.51	19.53	20.56	22.62	24.67	26.73	28.78	30.84	32.89	34.95	37.00	41.11	46.25	
60	26.21	27.76	29.30	30.84	33.92	37.00	40.09	43.17	46.25	49.33	52.41	55.49	61.65	69.34	
100	43.68	46.25	48.82	51.38	56.52	61.65	66.78	71.90	77.03	82.15	87.28	92.40	102.63	115.40	
200	87.28	92.40	97.51	102.63	112.85	123.05	133.25	143.43	153.59	163.74	173.87	183.98	204.14	229.22	
300	130.70	138.34	145.97	153.59	168.81	183.98	199.11	214.19	229.22	244.19	259.10	273.95	303.44	339.88	
400	169.03	178.75	188.45	198.12	217.38	236.53	255.55	274.44	293.20	311.81	330.26	348.55	384.61	428.63	
500	201.83	213.35	224.83	236.26	258.96	281.46	303.73	325.75	347.52	369.00	390.20	411.09	451.87	500.82	
600	232.94	246.11	259.20	272.21	297.99	323.41	348.45	373.08	397.27	421.00	444.22	466.93	510.64	561.80	
700	262.52	277.18	291.72	306.14	334.60	362.50	389.80	416.47	442.44	467.68	492.14	515.78	560.38	610.65	
800	290.67	306.65	322.47	338.11	368.82	398.72	427.74	455.80	482.85	508.81	533.62	557.19	600.38	646.22	
900	317.41	334.56	351.47	368.13	400.64	432.01	462.14	490.92	518.26	544.06	568.21	590.63	629.84	667.27	
1000	342.77	360.89	378.70	396.16	430.00	462.27	492.85	521.59	548.36	573.02	595.44	615.47	647.85	672.47	
1100	366.72	385.63	404.12	422.16	456.79	489.36	519.67	547.55	572.81	595.27	614.75	631.07	653.48	660.43	
1200	389.24	408.74	427.69	446.06	480.93	513.12	542.39	568.52	591.25	610.36	62	...	...	...
1400	429.85	449.85	468.99	487.21	520.70	549.96	574.61	594.26	608.55	617.10	619.32	...	...	...
1600	464.21	483.74	501.98	518.86	548.23	571.30	587.50	596.28	597.05	...	...	...	...	...
1800	491.85	509.82	525.95	540.15	562.32	575.53	578.98	...	...	...	...	...	...	...
2000	512.27	527.47	540.15	550.17	561.70	560.97	...	...	...	...	...	...	...	...

230mm (9.06 in.) wide belt (20M-230)															
No. of Teeth															
	38	40	44	48	52	56	60	64	68	72	80	90			
PD	mm	241.91	254.66	280.11	305.59	331.04	356.51	381.97	407.44	432.89	458.37	509.30	572.95		
	in.	9.524	10.026	11.028	12.031	13.033	14.036	15.038	16.041	17.043	18.046	20.051	22.557		
870	478.45	501.36	546.19	589.62	631.52	671.77	710.26	746.86	781.45	813.91	871.96	930.35			
960	513.56	537.61	584.38	629.28	672.15	712.81	751.10	786.87	819.95	850.18	901.41	946.46			
1160	584.44	610.10	659.15	704.91	747.11	785.45	819.64	849.39	874.42	894.44	918.25	...			
1460	671.12	696.54	742.88	782.73	815.51	840.63	857.52	865.61	864.30	...	...	...
1750	730.14	751.76	787.25	811.61	823.82	822.89	...	...	...	...	...	...
10	6.81	7.16	7.88	8.60	9.31	10.03	10.75	11.46	12.18	12.89	14.33	16.12			
20	13.61	14.33	15.76	17.19	18.62	20.06	21.49	22.92	24.36	25.79	28.65	32.23			
40	27.22	28.65	31.52	34.38	37.25	40.11	42.98	45.84	48.70	51.57	57.29	64.45			
60	40.83	42.98	47.27	51.57	55.86	60.16	64.45	68.74	73.04	77.33	85.91	96.63			
100	68.03	71.61	78.76	85.91	93.06	100.21	107.35	114.49	121.63	128.76	143.02	160.83			
200	135.90	143.02	157.27	171.50	185.71	199.90	214.07	228.21	242.34	256.43	284.55	319.52			
300	203.44	214.07	235.28	256.43	277.53	298.56	319.52	340.40	361.20	381.91	423.07	473.93			
400	262.67	276.15	303.02	329.42	356.26	382.62	408.79	434.76	460.53	486.07	536.46	598.00			
500	313.41	329.35	361.03	392.43	423.52	454.27	484.68	514.71	544.34	573.56	630.65	699.26			
600	361.38	379.54	415.53	451.04	486.03	520.46	554.30	587.51	620.04	651.87	713.22	785.21			
700	406.80	426.94	466.70	505.71	543.92	581.25	617.65	653.06	687.41	720.64	783.49	854.63			
800	449.79	471.65	514.61	556.46	597.13	636.50	674.50	711.03	745.98	779.28	840.51	906.01			
900	490.37	513.68	559.23	603.21	645.51	686.00	724.53	760.97	795.19	827.06	883.18	937.67			
1000	528.54	553.01	600.47	645.82	688.87	729.43	767.33	802.37	834.38	863.16	910.32	947.81			
1100	564.23	589.55	638.23	684.10	726.93	766.46	802.45	834.66	862.83	886.71	920.65	934.57			
1200	597.40	632.22	672.35	717.86	759.41	796.70	829.41	857.20	879.77	896.79	912.88	...			
1400	655.77	681.52	729.05	770.84	806.40	835.20	856.74	870.51	875.99	...	...	...
1600	702.83	726.89	769.10	802.78	827.16	841.49	845.00	...	...	...	...	...
1800	737.64	758.20	790.90	811.49	818.87	...	...	...	...	...	...	...
2000	759.16	774.20	792.75	794.71	...	...	...	...	...	...	...	...

Drives falling within the shaded area may be considered noisy and require a sound dampening guard to reduce noise emission.



20 mm RPP™ Belt Horsepower Ratings

The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

290mm (11.42 in.) wide belt (20M-290)										
No. of Teeth			52	56	60	64	68	72	80	90
	PD	mm in.	331.04 13.033	356.51 14.036	381.97 15.938	407.44 16.041	432.89 17.043	458.37 18.046	509.30 20.051	572.95 22.557
Smallest Sprocket RPM	870		807.70	859.33	908.73	955.75	1000.23	1042.03	1116.95	1192.75
	960		859.88	912.09	961.32	1007.37	1050.02	1089.07	1155.54	1214.69
	1160		956.45	1005.89	1050.10	1088.72	1121.37	1147.70	1179.92	...
	1460		1045.65	1078.65	1101.28	1112.79	1112.46	...	...	...
	1750		1058.89	1059.25	...	...	...	...	...	...
	10		11.90	12.81	13.73	14.65	15.56	16.48	18.31	20.60
	20		23.80	25.63	27.46	29.29	31.12	32.95	36.61	41.19
	40		47.59	51.25	54.91	58.57	62.23	65.89	73.21	82.35
	60		71.38	76.87	82.35	87.84	93.32	98.81	109.77	123.48
	100		118.91	128.04	137.17	146.30	155.42	164.53	182.76	205.51
	200		237.30	255.43	273.54	291.62	309.67	327.59	363.62	408.32
	300		354.65	381.53	408.32	435.01	461.60	488.08	540.70	605.74
	400		455.29	488.99	522.46	555.67	588.62	621.29	685.74	764.49
	500		541.30	580.64	619.53	657.95	695.87	733.26	806.35	894.25
	600		621.29	665.35	708.66	751.17	792.84	833.61	912.25	1004.62
	700		695.40	743.20	789.83	835.20	879.24	921.87	1002.58	1094.10
	800		763.59	814.05	862.78	909.64	954.53	997.32	1076.15	1160.77
	900		825.67	877.61	927.09	973.93	1017.97	1059.05	1131.59	1202.53
	1000		881.38	933.50	982.26	1027.42	1068.75	1106.01	1167.41	1217.12
	1100		930.40	981.30	1027.73	1069.39	1105.96	1137.13	1182.02	1202.19
1200		972.37	1020.52	1062.88	1099.06	1128.64	1151.22	1173.77	...	
1400		1033.58	1071.18	1099.62	1118.26	1162.45	...	...	...
1600		1061.68	1081.18	1087.03	...	...	...	...	...
1800		1053.10	...	...	...	...	...	...	...
2000		...	...	...	...	...	...	...	...
340mm (13.39 in.) wide belt (20M-340)										
No. of Teeth			52	56	60	64	68	72	80	90
PD	mm in.		331.04 13.033	356.51 14.036	381.97 15.938	407.44 16.041	432.89 17.043	458.37 18.046	509.30 20.051	572.95 22.557
Smallest Sprocket RPM	870		954.52	1015.63	1074.12	1129.82	1182.55	1232.13	1321.11	1411.41
	960		1016.33	1078.16	1136.51	1191.11	1241.74	1288.14	1367.32	1438.22
	1160		1130.90	1189.59	1242.15	1288.15	1327.16	1358.76	1397.98	...
	1460		1237.44	1277.01	1304.41	1318.78	1319.27	...	...	...
	1750		1254.78	1256.21	...	...	...	...	...	...
	10		14.06	15.14	16.22	17.30	18.38	19.46	21.62	24.33
	20		28.11	30.27	32.43	34.60	36.76	38.92	43.24	48.65
	40		56.22	60.54	64.86	69.18	73.51	77.83	86.47	97.27
	60		84.31	90.79	97.27	103.75	110.23	116.71	129.66	145.85
	100		140.45	151.24	162.02	172.80	183.57	194.34	215.87	242.74
	200		280.30	301.72	323.11	344.46	365.79	387.07	429.51	482.32
	300		418.92	450.67	482.32	513.86	545.27	576.56	638.72	715.58
	400		537.82	577.64	617.18	656.42	695.36	733.97	810.15	903.24
	500		639.46	685.95	731.91	777.32	822.15	866.35	952.78	1056.74
	600		734.00	786.09	837.29	887.56	936.84	985.06	1078.11	1187.47
	700		821.64	878.17	933.32	986.99	1039.11	1089.57	1185.15	1293.65
	800		902.31	962.01	1019.67	1075.15	1128.32	1179.03	1272.51	1373.06
	900		975.80	1037.29	1095.89	1151.40	1203.63	1252.37	1338.60	1423.24
	1000		1041.81	1103.56	1161.37	1214.96	1264.06	1308.39	1381.66	1441.54
	1100		1099.96	1160.63	1215.46	1265.00	1308.57	1345.80	1399.82	1425.21
1200		1149.83	1207.03	1257.45	1300.60	1336.03	1363.25	1391.17	...	
1400		1222.91	1267.83	1302.02	1324.72	1335.16	...	...	...
1600		1257.12	1280.92	1288.72	...	...	...	...	...
1800		1248.30	...	...	...	...	...	...	...
2000		...	...	...	...	...	...	...	...

Drives falling within the shaded area may be considered noisy and require a sound dampening guard to reduce noise emission.

8 mm RPP™ Plus Belt Horsepower Ratings



The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

		20mm (.79 in.) wide belt (8M-20)																
No. of Teeth	PD	22	24	26	28	30	32	34	36	38	40	44	48	56	64	72	80	
	mm in.	56.02 2.206	61.12 2.406	66.21 2.607	71.30 2.807	76.39 3.008	81.49 3.208	86.58 3.409	91.67 3.609	96.77 3.810	101.86 4.010	112.05 4.411	122.23 4.812	142.60 5.614	162.97 6.416	183.35 7.218	203.72 8.020	
Smallest Sprocket RPM	1160	4.41	4.86	5.32	5.78	6.24	6.70	7.17	7.64	8.12	8.59	9.55	10.52	12.47	14.45	16.44	18.44	
	1460	5.24	5.77	6.31	6.85	7.40	7.95	8.50	9.06	9.62	10.18	11.31	12.44	14.73	17.04	19.35	21.66	
	1750	5.99	6.60	7.22	7.83	8.46	9.08	9.71	10.34	10.98	11.61	12.89	14.18	16.75	19.33	21.90	24.45	
	2900	8.68	9.55	10.42	11.30	12.17	13.05	13.92	14.80	15.67	16.54	18.27	19.98	23.31	26.51	29.53	32.33	
	3500	9.93	10.92	11.90	12.88	13.86	14.83	15.80	16.77	17.72	18.67	20.53	22.35	25.81	28.98	...	...
	10	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.21	0.23	0.26	
	20	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.26	0.28	0.31	0.36	0.41	0.46	0.51	
	40	0.28	0.31	0.33	0.36	0.39	0.41	0.44	0.46	0.49	0.51	0.57	0.62	0.72	0.82	0.93	1.03	
	60	0.42	0.46	0.50	0.54	0.58	0.62	0.66	0.70	0.73	0.77	0.85	0.93	1.08	1.24	1.39	1.54	
	100	0.70	0.77	0.84	0.90	0.97	1.03	1.09	1.16	1.22	1.29	1.42	1.54	1.80	2.06	2.32	2.57	
	200	1.18	1.30	1.43	1.55	1.67	1.80	1.93	2.05	2.18	2.31	2.57	2.83	3.37	3.91	4.46	5.02	
	300	1.60	1.77	1.93	2.10	2.27	2.44	2.61	2.78	2.96	3.13	3.48	3.84	4.56	5.30	6.04	6.80	
	400	1.99	2.19	2.40	2.60	2.81	3.02	3.24	3.45	3.67	3.88	4.32	4.76	5.66	6.57	7.49	8.43	
	500	2.35	2.59	2.83	3.08	3.33	3.57	3.83	4.08	4.33	4.59	5.11	5.63	6.69	7.76	8.85	9.96	
	600	2.69	2.97	3.25	3.53	3.81	4.10	4.39	4.67	4.97	5.26	5.85	6.45	7.66	8.89	10.14	11.40	
	800	3.34	3.68	4.03	4.38	4.73	5.08	5.44	5.80	6.16	6.52	7.25	7.99	9.49	11.01	12.54	14.09	
	1000	3.95	4.35	4.76	5.17	5.58	6.00	6.42	6.84	7.27	7.70	8.56	9.43	11.19	12.97	14.77	16.58	
	1200	4.53	4.99	5.45	5.92	6.40	6.87	7.35	7.84	8.32	8.81	9.79	10.78	12.79	14.81	16.85	18.89	
	1400	5.08	5.59	6.12	6.64	7.17	7.71	8.24	8.78	9.32	9.87	10.97	12.07	14.30	16.54	18.79	21.04	
	1600	5.61	6.18	6.75	7.33	7.92	8.50	9.09	9.69	10.28	10.88	12.09	13.30	15.73	18.17	20.61	23.04	
	2000	6.62	7.29	7.96	8.64	9.32	10.01	10.70	11.39	12.09	12.78	14.18	15.58	18.37	21.15	23.90	26.60	
	2500	7.79	8.58	9.37	10.16	10.96	11.76	12.55	13.36	14.16	14.96	16.55	18.15	21.29	24.36	27.34	30.19	
	4000	10.91	11.97	13.04	14.09	15.14	16.18	17.21	18.22	19.23	20.21	22.13	23.97	27.37	...	...	...
	6000	14.24	15.52	16.76	17.97	19.13	20.24	21.30	22.30	23.24	24.10	...	...	...	...	...	...
	8000	16.71	17.91	19.09	20.16	21.11	...	...	...	...	...	...	...	...	...	...	...
			30mm (1.18 in.) wide belt (8M-30)															
	Smallest Sprocket RPM	1160	6.97	7.68	8.40	9.13	9.86	10.59	11.33	12.08	12.83	13.58	15.10	16.63	19.72	22.84	26.00	29.17
		1460	8.28	9.12	9.97	10.83	11.69	12.56	13.44	14.32	15.20	16.09	17.87	19.67	23.30	26.95	30.61	34.27
1750		9.47	10.43	11.40	12.38	13.37	14.36	15.35	16.35	17.35	18.36	20.38	22.42	26.50	30.59	34.67	38.71	
2900		13.73	15.10	16.48	17.87	19.25	20.64	22.03	23.42	24.80	26.18	28.93	31.65	36.97	42.09	46.94	51.48	
3500		15.71	17.27	18.82	20.38	21.93	23.48	25.02	26.55	28.08	29.59	32.56	35.47	41.02	46.15	...	...
10		0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.24	0.28	0.33	0.37	0.41	
20		0.22	0.24	0.26	0.28	0.31	0.33	0.35	0.37	0.39	0.41	0.45	0.49	0.57	0.65	0.73	0.81	
40		0.45	0.49	0.53	0.57	0.61	0.65	0.69	0.73	0.77	0.81	0.89	0.98	1.14	1.30	1.46	1.63	
60		0.67	0.73	0.79	0.85	0.92	0.98	1.04	1.10	1.16	1.22	1.34	1.46	1.71	1.95	2.20	2.44	
100		1.11	1.22	1.32	1.42	1.53	1.63	1.73	1.83	1.93	2.03	2.24	2.44	2.85	3.25	3.66	4.07	
200		1.87	2.06	2.25	2.45	2.64	2.84	3.04	3.24	3.45	3.65	4.06	4.48	5.32	6.18	7.05	7.93	
300		2.53	2.79	3.05	3.32	3.58	3.85	4.12	4.39	4.67	4.95	5.50	6.07	7.21	8.37	9.55	10.74	
400		3.14	3.46	3.79	4.12	4.45	4.78	5.11	5.45	5.79	6.13	6.83	7.52	8.94	10.38	11.84	13.32	
500		3.71	4.09	4.48	4.86	5.25	5.65	6.05	6.44	6.85	7.25	8.07	8.89	10.56	12.26	13.99	15.73	
600		4.26	4.69	5.13	5.58	6.02	6.47	6.93	7.39	7.85	8.31	9.24	10.19	12.10	14.05	16.02	18.01	
800		5.28	5.82	6.37	6.92	7.47	8.03	8.59	9.16	9.73	10.30	11.46	12.63	14.99	17.39	19.82	22.28	
1000		6.24	6.88	7.52	8.17	8.82	9.48	10.15	10.82	11.49	12.16	13.53	14.90	17.68	20.50	23.35	26.22	
1200		7.15	7.88	8.62	9.36	10.11	10.86	11.62	12.38	13.15	13.92	15.48	17.05	20.21	23.41	26.64	29.88	
1400		8.02	8.84	9.67	10.50	11.33	12.18	13.03	13.88	14.74	15.60	17.33	19.08	22.60	26.16	29.72	33.30	
1600		8.86	9.76	10.67	11.59	12.51	13.44	14.37	15.31	16.26	17.20	19.11	21.02	24.87	28.74	32.62	36.48	
2000		10.45	11.51	12.58	13.66	14.74	15.83	16.92	18.01	19.11	20.22	22.43	24.64	29.07	33.49	37.86	42.16	
2500		12.32	13.56	14.81	16.07	17.33	18.59	19.86	21.12	22.39	23.66	26.20	28.72	33.72	38.62	43.38	47.95	
4000		17.26	18.95	20.63	22.31	23.97	25.63	27.27	28.89	30.49	32.07	35.15	38.10	43.60	...	...	...
6000		22.57	24.62	26.61	28.54	30.41	32.21	33.92	35.55	37.09	38.52	...	...	...	...	...	...
8000		26.58	28.53	30.45	32.22	33.80	...	...	...	...	...	...	...	...	...	...	...

Drives falling within the shaded area may be considered noisy and require a sound dampening guard to reduce noise emission.



8 mm RPP™ Plus Belt Horsepower Ratings

The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

50mm (1.97 in.) wide belt (8M-50)															
No. of Teeth	PD	28	30	32	34	36	38	40	44	48	56	64	72	80	
		mm in.	71.30 2.807	76.39 3.008	81.49 3.208	86.58 3.409	91.67 3.609	96.77 3.810	101.86 4.010	112.05 4.411	122.23 4.812	142.60 5.614	162.97 6.416	183.35 7.218	203.72 8.020
Smallest Sprocket RPM	1160	15.83	17.10	18.37	19.66	20.95	22.25	23.55	26.18	28.84	34.20	39.63	45.11	50.61	
	1460	18.78	20.28	21.79	23.31	24.83	26.37	27.91	31.01	34.13	40.43	46.77	53.13	59.50	
	1750	21.48	23.18	24.90	26.63	28.36	30.11	31.86	35.37	38.90	46.00	53.11	60.20	67.25	
	2900	31.01	33.42	35.83	38.25	40.66	43.07	45.47	50.25	54.99	64.28	73.24	81.77	89.78	
	3500	35.38	38.08	40.78	43.46	46.13	48.78	51.42	56.61	61.70	71.44	80.48	...	...
	10	0.25	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.42	0.49	0.56	0.63	0.71	
	20	0.49	0.53	0.56	0.60	0.63	0.67	0.71	0.78	0.85	0.99	1.13	1.27	1.41	
	40	0.99	1.06	1.13	1.20	1.27	1.34	1.41	1.55	1.69	1.98	2.26	2.57	2.82	
	60	1.48	1.59	1.69	1.80	1.90	2.01	2.12	2.33	2.54	2.96	3.39	3.81	4.23	
	100	2.47	2.65	2.82	3.00	3.17	3.35	3.53	3.88	4.23	4.94	5.64	6.35	7.05	
	200	4.24	4.59	4.93	5.28	5.62	5.97	6.33	7.04	7.76	9.22	10.71	12.22	13.75	
	300	5.75	6.21	6.68	7.15	7.62	8.10	8.58	9.54	10.52	12.50	14.51	16.56	18.63	
	400	7.14	7.71	8.29	8.87	9.46	10.05	10.64	11.84	13.05	15.50	18.00	20.53	23.10	
	500	8.44	9.11	9.80	10.48	11.18	11.87	12.57	13.99	15.42	18.32	21.27	24.26	27.28	
	600	9.67	10.45	11.23	12.02	12.81	13.61	14.41	16.03	17.67	20.99	24.36	27.78	31.24	
	800	11.99	12.96	13.92	14.90	15.88	16.87	17.87	19.87	21.90	26.00	30.17	34.38	38.64	
	1000	14.17	15.31	16.45	17.60	18.76	19.92	21.10	23.46	25.84	30.67	35.56	40.50	45.48	
	1200	16.23	17.53	18.84	20.16	21.48	22.81	24.15	26.85	29.57	35.06	40.62	46.22	51.85	
	1400	18.21	19.66	21.12	22.60	24.08	25.56	27.06	30.07	33.10	39.22	45.39	51.59	57.80	
	1600	20.10	21.70	23.31	24.93	26.56	28.20	29.84	33.15	36.47	43.17	49.89	56.63	63.34	
	2000	23.69	25.57	27.46	29.35	31.26	33.16	35.08	38.92	42.77	50.48	58.16	65.77	73.27	
	2500	27.87	30.06	32.26	34.46	36.66	38.87	41.08	45.49	49.88	58.60	67.14	75.46	83.48	
	4000	38.74	41.65	44.53	47.39	50.22	53.01	55.77	61.17	66.37	76.06	...	...	...
	6000	49.69	52.97	56.14	59.17	62.06	64.80	67.36	...	...	...	...	...	...
	8000	56.32	59.17	...	...	...	...	...	...	...	...	...	...	...
	85mm (3.35 in.) wide belt (8M-85)														
	Smallest Sprocket RPM	1160	34.22	36.47	38.73	41.01	45.59	50.21	59.56	69.01	78.55	88.14
		1460	40.58	43.24	45.91	48.59	53.99	59.43	70.40	81.45	92.54	103.65
1750		...	...	...	46.37	49.39	52.42	55.47	61.59	67.75	80.11	92.51	104.88	117.18
2900		...	...	...	66.62	70.83	75.03	79.22	87.57	95.85	112.09	127.77	142.72	156.80
3500		...	...	...	75.73	80.39	85.02	89.62	98.70	107.60	124.67	140.56	...	...
10		...	...	...	0.52	0.55	0.58	0.61	0.68	0.74	0.86	0.98	1.11	1.23
20		...	...	...	1.04	1.11	1.17	1.23	1.35	1.47	1.72	1.97	2.21	2.46
40		...	...	...	2.09	2.21	2.33	2.46	2.70	2.95	3.44	3.93	4.42	4.91
60		...	...	...	3.13	3.32	3.50	3.68	4.05	4.42	5.16	5.90	6.63	7.37
100		...	...	...	5.22	5.53	5.83	6.14	6.76	7.37	8.60	9.83	11.05	12.28
200		...	...	...	9.18	9.79	10.40	11.02	12.26	13.51	16.06	18.65	21.28	23.94
300		...	...	...	12.45	13.27	14.10	14.93	16.61	18.31	21.76	25.27	28.83	32.43
400		...	...	...	15.44	16.46	17.49	18.52	20.61	22.71	26.99	31.34	35.75	40.22
500		...	...	...	18.25	19.46	20.67	21.89	24.35	26.84	31.89	37.02	42.23	47.50
600		...	...	...	20.92	22.30	23.69	25.09	27.91	30.76	36.54	42.42	48.37	54.40
800		...	...	...	25.94	27.65	29.37	31.11	34.60	38.12	45.27	52.52	59.87	67.28
1000		...	...	...	30.64	32.66	34.69	36.73	40.84	45.00	53.40	61.92	70.52	79.20
1200		...	...	...	35.09	37.40	39.72	42.05	46.75	51.48	61.05	70.73	80.49	90.30
1400		...	...	...	39.34	41.92	44.51	47.12	52.36	57.64	68.30	79.04	89.85	100.67
1600		...	...	...	43.41	46.25	49.10	51.96	57.72	63.51	75.18	86.90	98.64	110.36
2000		...	...	...	51.11	54.43	57.75	61.09	67.78	74.49	87.93	101.33	114.62	127.73
2500		...	...	...	60.01	63.86	67.70	71.55	79.24	86.91	102.12	117.05	131.60	145.65
4000		...	...	...	82.60	87.54	92.44	97.26	106.71	115.82	132.86	...	...	...
6000		...	...	...	103.36	108.45	113.29	117.83	...	...	...	...	...	...
8000		...	...	...	...	...	...	...	...	...	...	...	...	...

Drives falling within the shaded area may be considered noisy and require a sound dampening guard to reduce noise emission.

14 mm RPP™ Plus Belt Horsepower Ratings



The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

		40mm (1.57 in.) wide belt (14M-40)																
No. of Teeth	PD mm in.	28	29	30	32	34	36	38	40	44	48	52	56	60	64	68	72	80
		4.912	5.088	5.263	5.614	5.965	6.316	6.667	7.018	7.720	8.421	9.123	9.825	10.527	11.229	11.930	12.632	14.036
Smallest Sprocket RPM	1160	28.94	30.14	31.36	33.80	36.26	38.73	41.23	43.74	48.79	53.89	59.01	64.16	69.31	74.47	79.63	84.77	94.99
	1460	34.19	35.60	37.02	39.86	42.73	45.61	48.50	51.40	57.21	63.04	68.85	74.65	80.42	86.13	91.78	97.37	108.26
	1750	38.88	40.47	42.06	45.24	48.44	51.65	54.85	58.05	64.44	70.79	77.07	83.26	89.34	95.29	101.10	106.74	117.43
	2900	54.18	56.21	58.22	62.19	66.09	69.89	73.60	77.19	84.01	90.26	...	...	...	...	...	...	...
	3500	60.06	62.14	64.18	68.14	71.93	75.53	78.93	82.10	...	...	...	...	...	...	...	...	...
	10	0.53	0.54	0.56	0.60	0.64	0.68	0.71	0.75	0.83	0.90	0.98	1.05	1.13	1.20	1.28	1.35	1.50
	20	1.05	1.09	1.13	1.20	1.28	1.35	1.43	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	3.00
	40	2.10	2.18	2.25	2.40	2.55	2.70	2.85	3.00	3.30	3.60	3.90	4.21	4.51	4.81	5.11	5.41	6.01
	60	3.15	3.27	3.38	3.60	3.83	4.06	4.28	4.51	4.96	5.41	5.86	6.31	6.76	7.21	7.66	8.11	9.01
	100	4.64	4.84	5.04	5.43	5.84	6.25	6.66	7.07	7.91	8.77	9.64	10.51	11.26	12.01	12.76	13.51	15.02
	200	7.81	8.14	8.47	9.14	9.82	10.50	11.19	11.89	13.31	14.74	16.20	17.68	19.18	20.70	22.23	23.78	26.92
	300	10.58	11.03	11.48	12.38	13.30	14.23	15.16	16.11	18.02	19.97	21.94	23.95	25.97	28.02	30.09	32.18	36.43
	400	13.12	13.68	14.23	15.36	16.49	17.64	18.80	19.97	22.35	24.75	27.20	29.67	32.18	34.71	37.27	39.85	45.09
	500	15.50	16.16	16.82	18.14	19.49	20.84	22.21	23.59	26.39	29.23	32.10	35.02	37.96	40.94	43.95	46.98	53.12
	600	17.76	18.51	19.27	20.79	22.32	23.87	25.44	27.01	30.21	33.45	36.73	40.06	43.41	46.80	50.22	53.67	60.64
	800	22.00	22.93	23.86	25.73	27.63	29.54	31.46	33.41	37.33	41.31	45.33	49.39	53.49	57.62	61.77	65.94	74.35
	1000	25.95	27.04	28.13	30.33	32.55	34.79	37.04	39.31	43.89	48.52	53.19	57.90	62.62	67.37	72.13	76.90	86.44
	1200	29.66	30.90	32.14	34.64	37.15	39.69	42.24	44.81	49.97	55.17	60.40	65.65	70.90	76.15	81.39	86.61	96.97
	1400	33.17	34.54	35.92	38.69	41.48	44.29	47.10	49.93	55.60	61.30	66.99	72.68	78.34	83.97	89.55	95.08	105.91
	1600	36.50	38.00	39.50	42.52	45.55	48.59	51.64	54.70	60.81	66.91	72.98	79.00	84.95	90.82	96.59	102.25	113.16
1800	39.65	41.27	42.89	46.13	49.38	52.63	55.88	59.13	65.60	72.02	78.35	84.59	90.69	96.66	102.45	108.06	...	
2000	42.65	44.37	46.08	49.52	52.96	56.39	59.81	63.22	69.96	76.60	83.09	89.42	95.54	101.43	107.07	...	...
2500	49.45	51.37	53.29	57.10	60.87	64.60	68.28	71.90	78.94	85.66	92.01	97.94	...	...	...	...	...
3000	55.26	57.31	59.34	63.33	67.23	71.03	74.71	78.27	84.96	...	...	...	...	...	...	...	...
4000	63.77	65.78	67.72	71.41	74.82	...	...	...	...	...	...	...	...	...	...	...	...
		55mm (2.17 in.) wide belt (14M-55)																
Smallest Sprocket RPM	1160	42.33	44.09	45.87	49.44	53.05	56.68	60.33	64.01	71.42	78.89	86.41	93.97	101.54	109.13	116.72	124.30	139.38
	1460	50.02	52.09	54.17	58.34	62.55	66.77	71.01	75.26	83.81	92.37	100.94	109.48	117.99	126.43	134.80	143.07	159.27
	1750	56.92	59.24	61.58	66.26	70.95	75.66	80.37	85.09	94.50	103.86	113.14	122.31	131.34	140.20	148.86	157.30	173.40
	2900	79.55	82.55	85.53	91.42	97.22	102.89	108.43	113.83	124.12	133.64	...	...	...	...	...	...	...
	3500	88.40	91.50	94.55	100.49	106.21	111.67	116.86	121.74	...	...	...	...	...	...	...	...	...
	10	0.77	0.80	0.82	0.88	0.93	0.99	1.04	1.10	1.21	1.32	1.43	1.54	1.65	1.76	1.87	1.98	2.20
	20	1.54	1.59	1.65	1.76	1.87	1.98	2.09	2.20	2.42	2.63	2.85	3.07	3.29	3.51	3.73	3.95	4.39
	40	3.07	3.18	3.29	3.51	3.73	3.95	4.17	4.39	4.83	5.27	5.71	6.15	6.59	7.03	7.47	7.90	8.78
	60	4.61	4.78	4.94	5.27	5.60	5.93	6.26	6.59	7.25	7.90	8.56	9.22	9.88	10.54	11.20	11.86	13.17
	100	6.79	7.07	7.36	7.95	8.54	9.13	9.73	10.34	11.57	12.82	14.09	15.37	16.47	17.56	18.66	19.76	21.95
	200	11.41	11.90	12.38	13.36	14.35	15.35	16.36	17.38	19.45	21.55	23.69	25.85	28.04	30.26	32.50	34.76	39.36
	300	15.47	16.12	16.78	18.10	19.45	20.80	22.17	23.55	26.35	29.20	32.08	35.01	37.97	40.97	44.00	47.06	53.27
	400	19.18	19.99	20.81	22.45	24.12	25.80	27.49	29.20	32.67	36.20	39.77	43.39	47.05	50.76	54.50	58.28	65.94
	500	22.67	23.63	24.59	26.53	28.49	30.47	32.48	34.49	38.58	42.74	46.95	51.21	55.52	59.88	64.28	68.72	77.70
	600	25.98	27.07	28.17	30.39	32.64	34.91	37.19	39.50	44.18	48.92	53.72	58.59	63.50	68.46	73.47	78.52	88.72
	800	32.18	33.53	34.89	37.63	40.40	43.20	46.02	48.86	54.61	60.43	66.32	72.27	78.27	84.32	90.41	96.53	108.86
	1000	37.95	39.54	41.14	44.36	47.61	50.89	54.19	57.51	64.23	71.01	77.86	84.75	91.69	98.66	105.65	112.66	126.70
	1200	43.39	45.20	47.02	50.67	54.36	58.08	61.81	65.57	73.15	80.78	88.46	96.17	103.89	111.61	119.33	127.03	142.33
	1400	48.53	50.54	52.56	56.62	60.71	64.82	68.96	73.10	81.44	89.81	98.19	106.56	114.91	123.22	131.47	139.64	155.71
	1600	53.42	55.61	57.82	62.25	66.70	71.16	75.64	80.13	89.13	98.11	107.06	115.95	124.75	133.45	142.02	150.44	166.75
1800	58.06	60.42	62.80	67.56	72.33	77.11	81.90	86.68	96.22	105.69	115.06	124.30	133.38	142.27	150.93	159.34	...	
2000	62.46	64.99	67.51	72.57	77.62	82.68	87.72	92.74	102.71	112.54	122.18	131.60	140.75	149.60	158.10	...	...
2500	72.51	75.34	78.17	83.79	89.38	94.90	100.36	105.74	116.24	126.32	135.89	144.90	...	...	...	...	...
3000	81.17	84.20	87.20	93.14	98.95	104.63	110.15	115.51	125.65	...	...	...	...	...	...	...	...
4000	94.11	97.14	100.09	105.71	110.96	...	...	...	...	...	...	...	...	...	...	...	...

Drives falling within the shaded area may be considered noisy and require a sound dampening guard to reduce noise emission.



14 mm RPP™ Plus Belt Horsepower Ratings

The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

		85mm (3.35 in.) wide belt (14M-85)																
No. of Teeth		28	29	30	32	34	36	38	40	44	48	52	56	60	64	68	72	80
	PD	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Smallest Sprocket RPM	1160	69.08	71.96	74.86	80.70	86.59	92.52	98.49	104.50	116.62	128.84	141.15	153.52	165.94	178.38	190.82	203.26	228.05
	1460	81.66	85.05	88.44	95.27	102.14	109.04	115.98	122.95	136.94	150.98	165.03	179.06	193.04	206.94	220.73	234.38	261.18
	1750	92.95	96.76	100.57	108.24	115.93	123.64	131.37	139.10	154.55	169.93	185.21	200.33	215.24	229.90	244.26	258.30	285.20
	2900	130.22	135.17	140.08	149.82	159.40	168.81	178.02	187.01	204.23	220.30	...	...	...	...	...	...	...
	3500	145.00	150.14	155.22	165.13	174.69	183.87	192.62	200.91	...	...	...	...	...	...	...	...	...
	10	1.25	1.30	1.34	1.43	1.52	1.61	1.70	1.79	1.97	2.15	2.33	2.51	2.69	2.87	3.04	3.22	3.58
	20	2.51	2.60	2.69	2.87	3.04	3.22	3.40	3.58	3.94	4.30	4.66	5.01	5.37	5.73	6.09	6.45	7.16
	40	5.01	5.19	5.37	5.73	6.09	6.45	6.81	7.16	7.88	8.60	9.31	10.03	10.75	11.46	12.18	12.90	14.33
	60	7.52	7.79	8.06	8.60	9.13	9.67	10.21	10.75	11.82	12.90	13.97	15.04	16.12	17.19	18.27	19.34	21.49
	100	11.07	11.54	12.01	12.96	13.92	14.89	15.88	16.87	18.87	20.91	22.99	25.07	26.86	28.65	30.44	32.23	35.81
	200	18.62	19.41	20.20	21.80	23.41	25.05	26.69	28.36	31.73	35.16	38.64	42.17	45.75	49.36	53.02	56.72	64.21
	300	25.23	26.30	27.37	29.54	31.72	33.94	36.17	38.42	42.99	47.63	52.34	57.12	61.95	66.84	71.79	76.78	86.91
	400	31.30	32.62	33.95	36.63	39.34	42.09	44.85	47.65	53.30	59.05	64.88	70.79	76.77	82.82	88.93	95.10	107.60
	500	36.98	38.54	40.11	43.28	46.48	49.72	52.98	56.28	62.95	69.73	76.60	83.56	90.59	97.71	104.89	112.14	126.81
	600	42.38	44.16	45.96	49.59	53.25	56.95	60.69	64.45	72.08	79.82	87.67	95.60	103.63	111.73	119.91	128.16	144.83
	800	52.50	54.71	56.93	61.41	65.93	70.49	75.10	79.74	89.12	98.63	108.25	117.97	127.78	137.67	147.62	157.63	177.80
	1000	61.93	64.53	67.14	72.40	77.70	83.05	88.45	93.88	104.85	115.94	127.13	138.41	149.76	161.17	172.62	184.10	207.12
	1200	70.81	73.77	76.74	82.71	88.74	94.81	100.92	107.07	119.45	131.95	144.51	157.14	169.79	182.46	195.13	207.77	232.93
	1400	79.23	82.51	85.81	92.45	99.13	105.86	112.62	119.41	133.05	146.76	160.50	174.24	187.96	201.62	215.19	228.67	255.20
	1600	87.21	90.81	94.41	101.66	108.94	116.25	123.59	130.95	145.69	160.43	175.13	189.75	204.26	218.61	232.77	246.71	273.79
1800	94.82	98.69	102.57	110.37	118.19	126.03	133.87	141.72	157.38	172.96	188.40	203.65	218.65	233.37	247.76	261.77	...	
2000	102.05	106.18	110.31	118.60	126.90	135.19	143.47	151.72	168.13	184.34	200.27	215.87	231.08	245.82	260.05	...	...
2500	118.58	123.23	127.87	137.13	146.32	155.43	164.45	173.35	190.76	207.53	223.55	238.70	...	...	...	...	...
3000	132.91	137.91	142.87	152.69	162.32	171.75	180.95	189.89	206.92	...	...	...	...	...	...	...	...
4000	154.72	159.79	164.73	174.23	183.15	...	...	...	...	...	...	...	...	...	...	...	...
		115mm (4.53 in.) wide belt (14M-115)																
Smallest Sprocket RPM	1160	95.83	9.83	103.86	111.96	120.13	128.36	136.65	144.99	161.82	178.79	195.89	213.08	230.33	247.62	264.93	282.23	316.71
	1460	113.30	118.00	122.71	132.19	141.73	151.32	160.96	170.64	190.08	209.59	229.13	248.65	268.10	287.45	306.66	325.69	363.08
	1750	128.98	134.27	139.57	150.21	160.90	171.62	182.36	193.10	214.59	236.01	257.28	278.34	299.13	319.60	339.67	359.29	396.99
	2900	180.90	187.78	194.64	208.21	221.59	234.73	247.61	260.19	284.35	306.95	...	...	...	...	...	...	...
	3500	201.60	208.79	215.89	229.76	243.17	256.06	268.39	280.09	...	...	...	...	...	...	...	...	...
	10	1.74	1.80	1.86	1.99	2.11	2.24	2.36	2.48	2.73	2.98	3.23	3.48	3.73	3.97	4.22	4.47	4.97
	20	3.48	3.60	3.73	3.97	4.22	4.47	4.72	4.97	5.47	5.96	6.46	6.96	7.45	7.95	8.45	8.94	9.94
	40	6.96	7.20	7.45	7.95	8.45	8.94	9.44	9.94	10.93	11.92	12.92	13.91	14.90	15.90	16.89	17.89	19.87
	60	10.43	10.81	11.18	11.92	12.67	13.41	14.16	14.90	16.40	17.89	19.38	20.87	22.36	23.85	25.34	26.83	29.81
	100	15.36	16.01	16.66	17.98	19.31	20.66	22.02	23.39	26.18	29.01	31.88	34.77	37.26	39.74	42.22	44.71	49.67
	200	25.83	26.92	28.02	30.23	32.47	34.74	37.03	39.34	44.02	48.77	53.90	58.49	63.45	68.47	73.54	78.67	89.06
	300	35.00	36.48	37.93	40.97	44.00	47.07	50.17	53.29	59.63	66.07	72.60	79.23	85.93	92.71	99.57	106.50	120.55
	400	43.41	45.24	47.09	50.81	54.57	58.37	62.21	66.09	73.94	81.91	90.00	98.19	106.49	114.88	123.35	131.91	149.26
	500	51.30	53.46	55.64	60.03	64.47	68.96	73.49	78.06	87.32	96.72	106.25	115.90	125.67	135.54	145.50	155.56	175.93
	600	58.78	61.26	63.75	68.78	73.86	79.00	84.18	89.40	99.99	110.73	121.61	132.62	143.76	155.01	166.35	177.80	200.94
	800	72.83	75.89	78.97	85.18	91.45	97.78	104.17	110.61	123.64	136.83	150.19	163.68	177.29	191.01	204.83	218.73	246.75
	1000	85.91	89.52	93.14	100.43	107.79	115.22	122.70	130.24	145.47	160.86	176.40	192.07	207.83	223.68	239.59	255.55	287.54
	1200	98.24	102.34	106.46	114.75	123.12	131.54	140.03	148.56	165.76	183.11	200.57	218.11	235.70	253.31	270.93	288.52	323.53
	1400	109.92	114.48	119.06	128.27	137.56	146.89	156.28	165.71	184.66	203.72	222.82	241.93	261.00	280.01	298.92	317.69	354.70
	1600	121.01	126.00	131.01	141.07	151.18	161.34	171.54	181.76	202.25	222.75	243.21	263.56	283.76	303.77	323.52	342.98	380.84
1800	131.58	136.96	142.35	153.18	164.05	174.94	185.58	196.76	218.55	240.23	261.73	282.99	303.93	324.48	344.60	364.21	...	
2000	141.63	147.37	153.12	164.64	176.17	187.70	199.22	210.71	233.55	256.13	278.36	300.15	321.40	342.04	361.99	...	...
2500	164.64	171.12	177.58	190.46	203.26	215.96	228.53	240.96	265.27	288.74	311.20	332.50	...	...	...	...	...
3000	184.66	191.62	198.55	212.24	225.69	238.87	251.75	264.28	288.19	...	...	...	...	...	...	...	...
4000	215.32	222.44	229.38	242.74	255.33	...	...	...	...	...	...	...	...	...	...	...	...

Drives falling within the shaded area may be considered noisy and require a sound dampening guard to reduce noise emission.

14 mm RPP™ Plus Belt Horsepower Ratings



The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

		170mm (6.69 in.) wide belt (14M-170)											
No. of Teeth		36	38	40	44	48	52	56	60	64	68	72	80
	PD	mm	160.43	169.34	178.25	196.08	213.90	231.73	249.55	267.38	285.21	303.03	320.86	356.51
	in.	6.316	6.667	7.018	7.720	8.421	9.123	9.825	10.527	11.229	11.930	12.632	14.036
Smallest Sprocket RPM	1160	194.06	206.60	219.22	244.67	270.36	296.23	322.25	348.37	374.56	400.77	426.98	479.26
	1460	228.82	243.40	258.05	287.48	317.03	346.62	376.20	405.69	435.04	464.19	493.08	549.88
	1750	259.57	275.83	292.11	324.67	357.13	389.39	421.35	452.93	484.03	514.56	544.44	601.92
	2900	355.58	375.18	394.35	431.21	465.80	...	...	...	...	...	...	...
	3500	388.41	407.28	425.24	...	...	...	...	...	...	...	...	...
	10	3.38	3.57	3.75	4.13	4.51	4.88	5.26	5.63	6.01	6.38	6.76	7.51
	20	6.76	7.13	7.51	8.26	9.01	9.76	10.51	11.26	12.02	12.77	13.52	15.02
	40	13.52	14.27	15.02	16.52	18.02	19.52	21.03	22.53	24.03	25.53	27.03	30.04
	60	20.28	21.40	22.53	24.78	27.03	29.29	31.54	33.79	36.04	38.30	40.55	45.05
	100	31.23	33.28	35.36	39.57	43.85	48.19	52.56	56.32	60.07	63.82	67.58	75.08
	200	52.51	55.96	59.46	66.53	72.72	81.02	88.42	95.91	103.49	111.16	118.90	134.62
	300	71.15	75.83	80.55	90.13	99.86	109.74	119.75	129.89	140.14	150.51	160.98	182.22
	400	88.23	94.04	99.89	111.76	123.81	136.04	148.43	160.97	173.65	186.46	199.40	225.62
	500	104.24	111.09	118.00	131.99	146.20	160.61	175.20	189.96	204.89	219.95	235.16	265.95
	600	119.41	127.24	135.14	151.14	167.38	183.83	200.48	217.32	234.33	251.49	268.79	303.79
	800	147.82	157.47	167.21	186.90	206.86	227.05	247.46	268.05	288.81	309.71	330.75	373.14
	1000	174.18	185.50	196.90	219.93	243.22	266.73	290.43	314.28	338.27	362.35	386.51	434.96
	1200	198.88	211.71	224.62	250.65	276.90	303.32	329.87	356.51	383.19	409.88	436.53	489.62
	1400	222.11	236.32	250.58	279.28	308.12	337.05	366.00	394.91	423.73	452.41	480.89	537.08
	1600	244.00	259.43	274.91	305.94	337.00	368.00	398.86	429.51	459.87	489.88	519.46	577.07
	1800	264.60	281.12	297.65	330.67	363.55	396.17	428.44	460.24	491.50	522.11	551.99	...
	2000	283.96	301.41	318.83	353.48	387.75	421.51	454.63	486.98	518.43	548.87	...	...
	2500	326.92	346.01	364.89	401.86	437.61	471.88	504.45	...	...	...	...	...
	3000	361.91	381.53	400.64	437.17	...	...	...	...	...	...	...	...
	4000	...	...	...	...	...	...	...	...	...	...	...	...

Drives falling within the shaded area may be considered noisy and require a sound dampening guard to reduce noise emission.

SPROCKET DIAMETER AND SPEED

Drives that you'll find in the Belt Width Selection Tables on pages K-94 through K-149, use diameters that may reduce belt life. Amount of reduction will depend on speed. The higher the speed, the more reduction. Drives are included for use where speed ratio or space requirements have to be met.

Blank spaces in the lower right-hand portions of the Belt Width Selections Tables are evident because sprocket rim speed is greater than 6,500 feet per minute. Beyond this speed, centrifugal forces may prohibit safe use of stock grey cast iron sprockets. For rim speeds that exceed 6,500 feet per minute, contact *Martin* for other solutions.

USE OF FLANGED SPROCKETS

Guide flanges are necessary to keep the belt on the sprocket. Due to tracking characteristics, even on the best aligned drives, belts can ride off the edge of sprockets. Flanges can prevent this ride-off. On all drives using stock or made-to-order sprockets, you should check the following conditions when selecting flanged sprockets:

1. On all HTS sprocket drives using two sprockets, minimum flanging calls for two flanges on one sprocket or one flange on each sprocket's opposite side.
2. On drives where the center distance is more than eight times the small sprocket diameters, both sides of the sprockets should be flanged.
3. On vertical shaft drives, one sprocket should be flanged on both sides. All other system sprockets should be flanged bottom side only.
4. All drives with more than two sprockets, minimum flanging calls for two flanges on every other sprocket, or one flange on every sprocket at alternating sides.

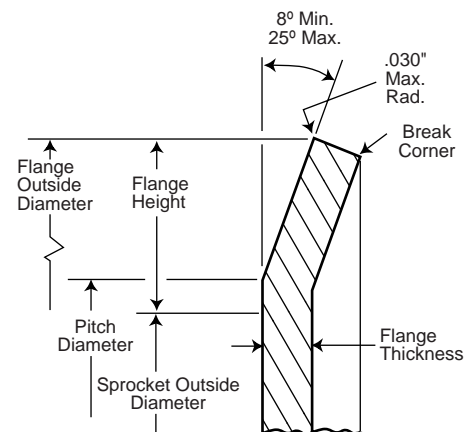
On made-to-order sprockets, flanges should be securely fastened. Use welding, shrink fit, mechanical fasteners, or other accepted methods.

Recommended minimum flange dimensions are shown here:

Flange Dimensions (In.)

Belt Section	Nominal Flange Thickness	Nominal Flange Height*
8mm	$\frac{3}{32}$	$\frac{21}{64}$
14mm	$\frac{1}{8}$	$\frac{5}{8}$

*Consult factory for exact dimensions.

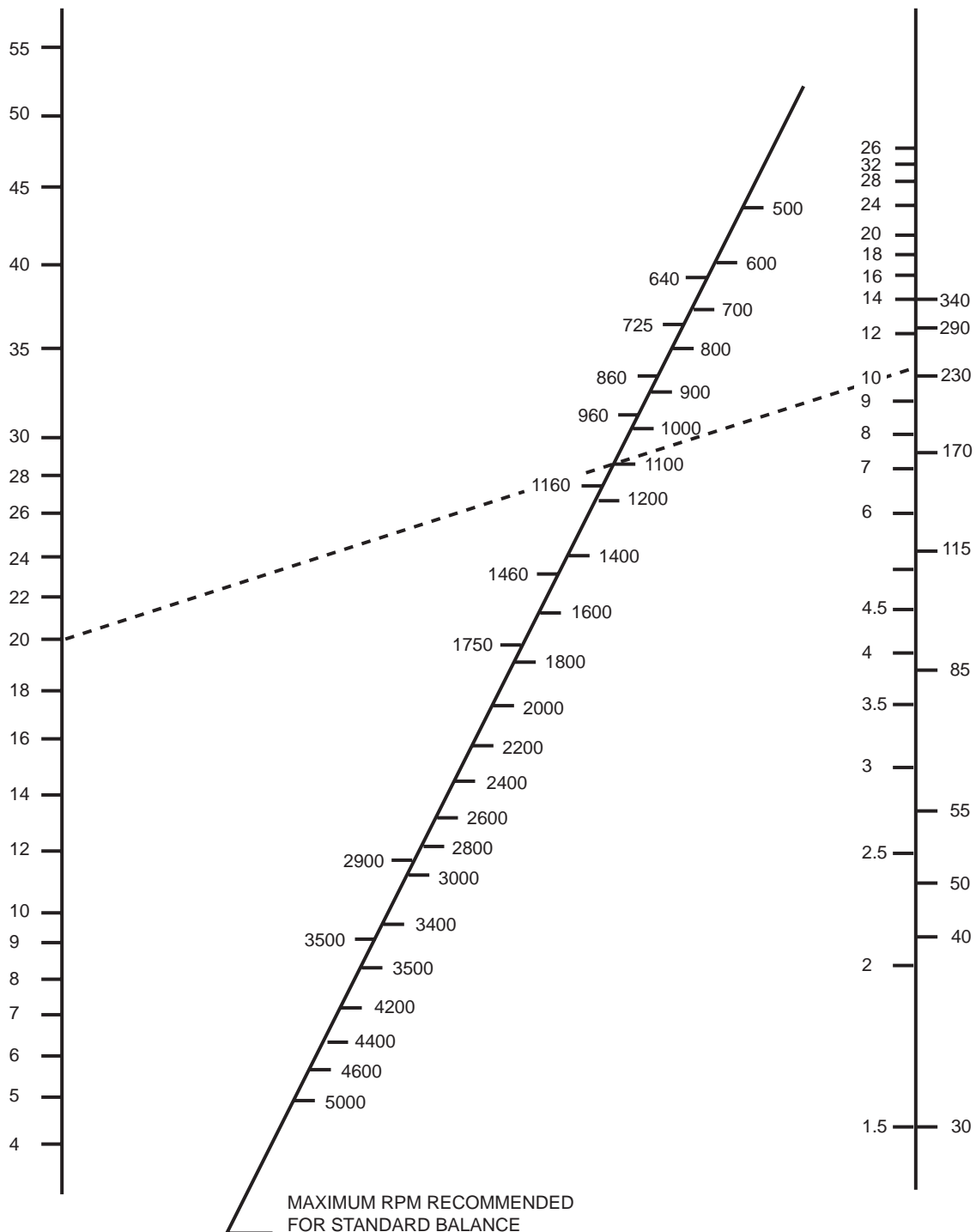


HTS Balancing



This nomograph shows the maximum speed limit (in rpm) for a standard statically balanced sprocket of a given diameter and face width. To use, lay a straight edge between diameter and face width. Read maximum rpm recommended for standard balance where edge crosses slanted line. For faster speeds, dynamic balancing is recommended.

Example: If a 20 in. diameter × 10 in. (230 mm) face width sprocket runs faster than 1100 rpm, dynamic balancing is recommended.



WARNING: When belt speeds exceed 6500 feet per minute, special materials must be used; consult *Martin* for special design requirements.

FIXED (NON-ADJUSTABLE) CENTERS

Positive belt applications with fixed centers are not recommended for any drive other than low or no torque drives (other than motion transfer). Fixed center refers to enacting tolerances. Positive belt length tolerances are usually less than that found in other applications. It is a fact that no belt can be manufactured without some tolerance. There are basic geometric tolerances involved with fixed center drives. There is no allowance for proper tensioning and accepted maintenance procedures cannot be utilized.

Because proper tensioning procedures cannot be followed, improper belt tension can result in reduced performance. By using inside idlers, many of these potential problems can be corrected.

IDLERS

Only use idlers as a necessary function...as a means to apply tension when centers are not adjustable. They should be installed on the belt drive's slack side. For inside idlers, grooved sprockets are recommended up to 40 grooves. On larger diameters, flat, uncrowned idlers can be used. Inside idler diameters should not be smaller than the smallest loaded sprocket in the system. Outside or backside idlers should be flat and uncrowned. Flanges are also recommended with diameters that are not smaller than $\frac{1}{3}$ times the smallest loaded sprocket in the system.

Hold to a minimum the idler arc of contact. All idlers have to be securely locked in place during start-up and operation.

For positive belt applications, in most cases, the use of spring-loaded idlers is not recommended. A positive belt can generate sufficient tension to overcome any reasonable force imposed by a spring-loaded idler. You get belt ratcheting in this situation because the idler is not effective. Any strong spring force that imposes artificially high belt tension could be excessive, reducing belt life. Your one exception, a motion transfer application.

CENTER DISTANCE AND BELT LENGTH

To closely estimate a tentative center distance, consider equal to the large sprocket diameter, or $\frac{1}{2}(D+3d)$, whichever is larger. You can then select a tentative belt length by solving any one of the following formulas:

Formula 1

$$\text{Tentative Belt Length} = 1.57 (D + d) + (\text{Tentative Center Distance} \times 2)$$

Where: D = diameter of large sprocket

d = diameter of small sprocket

Formula 2

$$L_p = 2C + 1.57 (D + d) + \frac{(D - d)^2}{4C}$$

Where: L_p = belt length, inches
 D = diameter of large sprocket, inches
 d = diameter of small sprocket, inches
 C = center distance, inches

Formula 3

$$L_p = 2C = \cos \varnothing + \frac{\pi (D + d)}{2} + \frac{\pi \varnothing (D - d)}{180}$$

Where: L_p = pitch length of belt, inches
 C = center distance, inches
 D = diameter of large sprocket, inches
 d = diameter of small sprocket, inches

Formula 4

$$C = \frac{K + \sqrt{K^2 - 32 (D - d)^2}}{16}$$

Where: $K = 4L_p - 6.28 (D + d)$

TEETH IN MESH

Standard horsepower ratings in this catalog are based on a minimum of six teeth in mesh between the sprocket and the belt. If there are less than six teeth in mesh, your ratings must be corrected for excessive tooth loading (see correction factor table below). For non-stock drives not listed in the Drive Selection Tables, the teeth in mesh can be calculated by using this formula:

Formula 5

$$\text{Teeth in Mesh} = \left[0.5 - \left(\frac{D - d}{6C} \right) \right] N_g$$

Where: D = pitch diameter, large sprocket, inches
 d = pitch diameter, small sprocket, inches
 C = center distance, inches
 N_g = number of grooves in small sprocket

Teeth in Mesh Correction Factor

Teeth in Mesh	Factor K_{tm}
6 or more	1.00
5	.80
4	.60
3	.40
2	.20

DRIVE ALIGNMENT

To assure proper drive alignment, you should refer to the information in this section for center distance alignment. The alternative is to change the idler position, so that the belt can be slipped onto the drive easily. When you install the belt, never force it over the flange. This may cause belt tensile damage.

Positive belts are most sensitive to misalignment, so never use this kind of drive in applications where misalignment is prevalent. Inconsistent belt wear and premature tensile failure may result.

The two most common types of misalignment can be seen in the drawings below. Parallel misalignment is caused when the driver and driven shafts are parallel, but the two sprockets lie in different planes. When the two shafts are not parallel, the drive is angularly misaligned.

A fleeting angle (shown here) shows where the belt enters and exits the sprocket, and equals the sum of the parallel and angular misalignments.

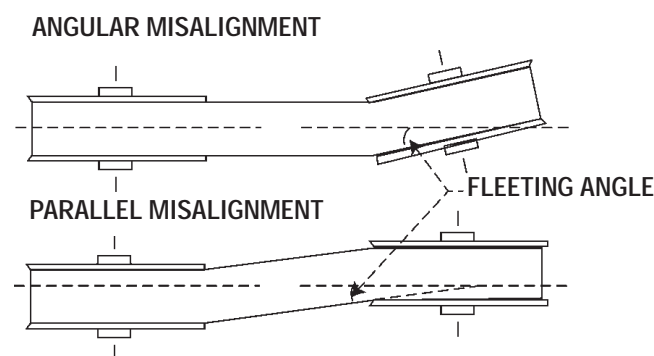
Any degree of sprocket misalignment will result in some belt life reduction. Misalignment of all positive belt drives should not exceed $\frac{1}{4}$ " or $\frac{1}{16}$ " per foot of center distance. Alignment should be checked with a good straight-edge tool applied to their machined side surfaces from driver to driven and from driven to driver shafts. This way the effect of parallel and angular misalignment can be observed.

Drive misalignment can also cause problems of belt tracking. Some tracking is normal and will not affect performance.

However, where center distance is greater than eight times the small sprocket diameter, tracking can be a problem. Special adjustment may be needed. You have to correct the parallel position of the two sprockets until one flange guides the belt in the system and the belt tracks fully on all sprockets. Regardless of the drive's center distance, the best operation will be with the belt contacting only one flange in the system.

You will find the real application problem when the belt contacts flanges on opposite sides of the sprockets. This traps the belt into undesirable parallel misalignment.

Improper bushing installation can result in the entire bushing/sprocket assembly to be "cocked" on the shaft. This leads to angular misalignment. Be sure to follow *Martin's* bushing installation instructions.



INSTALLATION AND TENSIONING ALLOWANCES

We do not recommend fixed center drives. To avoid belt damage and excessive wear, refer to the Distance Allowance Charts (Page K-168). The standard installation allowance is the minimum decrease in the center distance required to install a belt when flanged sprockets are removed from their shafts for belt installation. The charts first column spells this out with more comprehensive information needed for the minimum increase in center distance required for a belt's tension during its normal life.

If a belt is to be installed over flanged sprockets without removing them, the additional installation center distance allowances shown in the second table must be added to the first table data.

Distance Allowance Chart

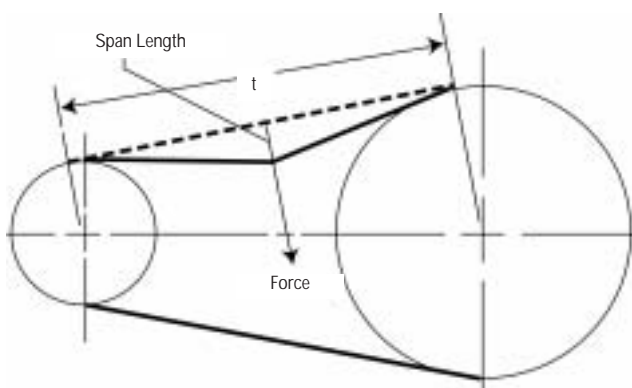
Belt Length (in.)	*Standard Installation Allowance	Tensioning Allowance (Any Drive)
20 and under	0.04"	0.03"
Over 20 to 40	0.05"	0.03"
Over 40 to 60	0.07"	0.04"
Over 60 to 90	0.09"	0.05"
Over 90 to 120	0.11"	0.05"
Over 120 to 160	0.14"	0.05"
Over 160 to 190	0.17"	0.05"
Over 190 to 260	0.21"	0.05"

* Flanged Sprockets Removed for Installation.

HTS BELT TENSIONING AND DEFLECTION FORCE

Lay the belt on the sprockets, adjusting the takeup, so that the belt teeth mesh securely with sprocket grooves. Measure the belt span "t." Then tighten the belt, so that it deflects $\frac{1}{64}$ " for each inch of belt span when a force is applied. (See Table below.)

Example: A 14mm pitch belt, 85mm wide, with a span of 30" and a maximum force of 28 lbs. applied, should deflect $\frac{30}{64}$ inch. Deflection $\frac{1}{64}$ per inch of span. (Measure the span length "t" as shown in the sketch below.)



$$t = \sqrt{C^2 - \left(\frac{D-d}{2}\right)^2}$$

These ranges of deflection forces are applicable for drive installation. Actual operation tension depends on the number of teeth mesh, system rigidity, peak loads, etc.

Belt Pitch	Belt Width	Force*
5mm	9mm	9 to 18 oz.
	15mm	1 to 2 lbs.
	25mm	1-1/2 to 3 lbs.
8mm	20mm	3 to 4 lbs.
	30mm	5 to 6-1/2 lbs.
	50mm	9 to 12 lbs.
	85mm	16 to 20 lbs.
14mm	40mm	10 to 13 lbs.
	55mm	15 to 18 lbs.
	85mm	23 to 28 lbs.
	115mm	32 to 39 lbs.
20mm	170mm	48 to 57 lbs.
	115mm	45 to 55 lbs.
	170mm	70 to 85 lbs.
	230mm	95 to 120 lbs.
	290mm	120 to 150 lbs.
	340mm	145 to 180 lbs.

*Force applies to speeds exceeding 600 rpm.

NOTE: For belts wider than 2", you can avoid belt distortion by placing a $\frac{3}{4}$ " or 1" metal strip across the belt between belt and tension tester.

High HP HTS® sprockets are designed to run with today's higher HP belts.

HTS & High HP HTS® Sprockets allow you more flexibility your design criteria. The expanded line allows you to fit the application with the most cost effective sprockets. The table shows stock sprocket sizes and availability. Due to the unique designs for synchronous drives, *Martin* is extremely versatile in the design and manufacture of MTO sprockets and varying material needs.



FEATURES:

- Positive Engagement
- Wide Speed Range
- Constant Driven Speed
- Higher HP Capability Available

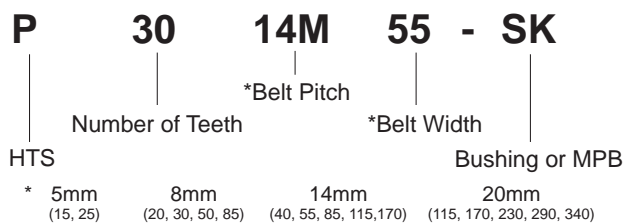
BENEFITS

- Efficiency Gains & No Slip
- New Applications
- Synchronization
- Fits in Smaller Envelope
- Reduced Maintenance

Available in 8mm - 12, 22, 35, 60mm widths and 14mm - 20, 42, 65, 90, 120 mm widths.

Be very careful when choosing HTS or High HP HTS sprockets. While the part numbers are very similar, there are distinct differences between the parts. See the examples below.

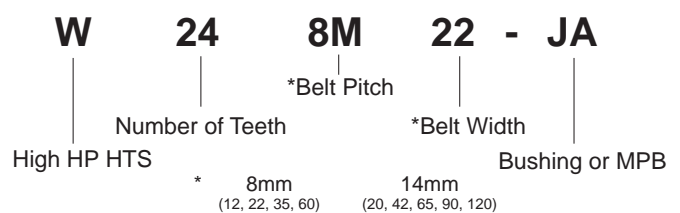
HTS Nomenclature



"P" HTS® Sprockets (RPP Tooth Profile) - Runs with RPP, RPP+, HPPD & Whitehawk belts.

"P" HTS sprockets are designed to run with fiberglass corded belts.

High HP HTS Nomenclature



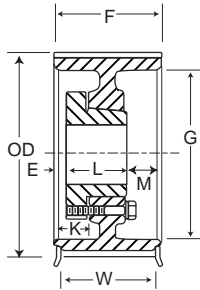
"W" High HP HTS® Sprockets (RPP Tooth Profile) Run with Blackhawk, Panther, QT Powerchain belts.

"W" High HP HTS sprockets are designed to run with latest design, aramid fiber corded belts.

High HP HTS Sprockets 8mm

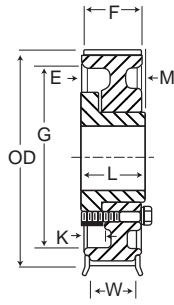


Type A



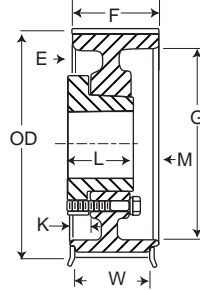
Type AF

Type C



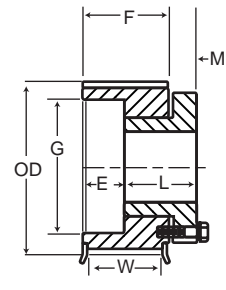
Type CF

Type D



Type DF

Type E•



Type EF•

8mm Pitch, 12 mm (.47 in.) Wide Belts (8M-12)

No. of Teeth	Catalog Number	Bore	Pitch	Diameter (in.)		Type +	Max. Bore	Dimensions (in.)								Weight* Approx. (lbs)
				O.D.	Flange			E	L	M	K	H	F	G	W	
22	W228M12-MPB	MPB	2.206	2.154	2.562	MPB	1.188	0.623	1.452	...	...	1.620	0.827	...	0.577	1.0
24	W248M12-JA	JA	2.406	2.354	2.750	E1F●	1.250	0.265	1.063	0.500	0.000	...	0.827	1.340	0.577	0.5
26	W268M12-JA	JA	2.607	2.554	2.937	E1F●	1.250	0.265	1.063	0.500	0.000	...	0.827	1.340	0.577	0.6
28	W288M12-H	H	2.807	2.755	3.156	E1F●	1.500	-0.048	1.250	0.375	0.000	...	0.827	1.570	0.577	0.7
30	W308M12-H	H	3.008	2.955	3.344	E1F●	1.500	-0.048	1.250	0.375	0.000	...	0.827	1.570	0.577	0.9
32	W328M12-H	H	3.208	3.155	3.562	E1F●	1.500	-0.048	1.250	0.375	0.000	...	0.827	1.570	0.577	1.1
34	W348M12-SH	SH	3.409	3.355	3.750	D1F	1.688	0.500	1.313	0.014	0.000	...	0.827	2.750	0.577	1.1
36	W368M12-SH	SH	3.609	3.556	3.937	D1F	1.688	0.500	1.313	0.014	0.000	...	0.827	2.820	0.577	1.3
38	W388M12-SH	SH	3.810	3.756	4.156	D1F	1.688	0.500	1.313	0.014	0.000	...	0.827	3.000	0.577	1.6
40	W408M12-SH	SH	4.010	3.956	4.344	D1F	1.688	0.500	1.313	0.014	0.000	...	0.827	3.000	0.577	1.9
44	W448M12-SDS	SDS	4.411	4.357	4.750	C1F	2.000	0.548	1.375	0.000	0.077	...	0.827	3.500	0.577	2.1
48	W488M12-SDS	SDS	4.812	4.757	5.157	C1F	2.000	0.548	1.375	0.000	0.077	...	0.827	3.800	0.577	2.7
56	W568M12-SDS	SDS	5.614	5.558	5.937	C1F	2.000	0.548	1.375	0.000	0.077	...	0.827	4.600	0.577	4.0
64	W648M12-SDS	SDS	6.416	6.359	6.750	C1F	2.000	0.548	1.375	0.000	0.077	...	0.827	5.400	0.577	5.5
72	W728M12-SDS	SDS	7.218	7.160	7.562	C1F	2.000	0.548	1.375	0.000	0.077	...	0.827	6.200	0.577	7.3
80	W808M12-SDS	SDS	8.020	7.961	8.375	C2F	2.000	0.548	1.375	0.000	0.077	...	0.827	6.900	0.577	9.2
90	W908M12-SDS	SDS	9.023	8.963	...	C2	2.000	0.548	1.375	0.000	0.077	...	0.827	7.625	...	9.5
112	W1128M12-SK	SK	11.229	11.166	...	C3	2.625	0.688	1.938	0.423	0.000	...	0.827	9.875	...	13.3
144	W1448M12-SK	SK	14.447	14.370	...	C3	2.625	0.688	1.938	0.423	0.000	...	0.827	12.875	...	19.1
192	W1928M12-SF	SF	19.249	19.176	...	C3	2.938	0.813	2.063	0.423	0.000	...	0.827	17.625	...	23.0

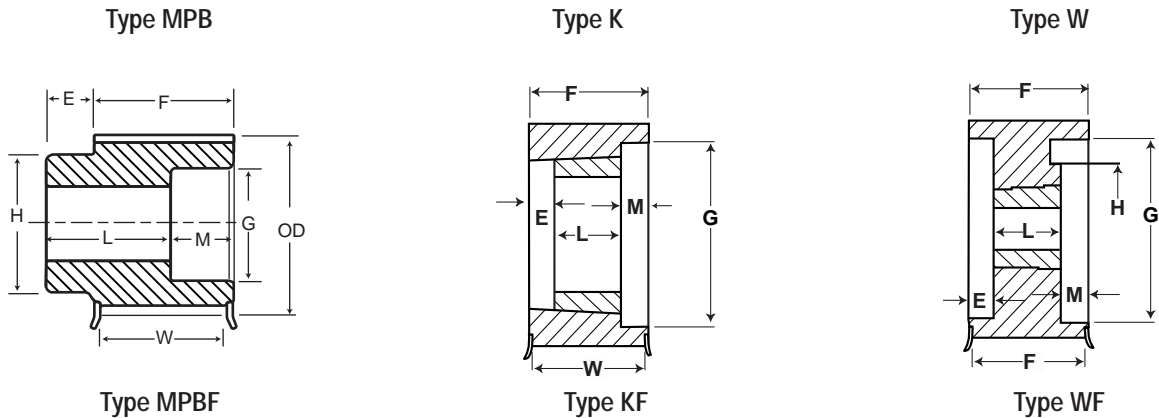
8mm Pitch, 22 mm (.86 in.) Wide Belts (8M-22)

22	W228M22-MPB	MPB	2.206	2.154	2.562	MPB1F	1.188	0.619	1.840	0.000	...	1.625	1.22	...	0.97	1.3
24	W248M22-JA	JA	2.406	2.354	2.750	E1F●	1.250	0.658	1.063	0.500	0.000	...	1.22	1.34	0.97	0.7
26	W268M22-JA	JA	2.607	2.554	2.937	E1F●	1.250	0.658	1.063	0.500	0.000	...	1.22	1.34	0.97	1.0
28	W288M22-H	H	2.807	2.755	3.156	E1F●	1.500	0.345	1.250	0.375	0.000	...	1.22	1.57	0.97	1.1
30	W308M22-H	H	3.008	2.955	3.344	E1F●	1.500	0.345	1.250	0.375	0.000	...	1.22	1.57	0.97	1.3
32	W328M22-H	H	3.208	3.155	3.562	C1F●	1.500	0.030	1.250	0.000	0.345	...	1.22	1.57	0.97	1.7
34	W348M22-SH	SH	3.409	3.355	3.750	D1F	1.688	0.092	1.313	0.000	0.408	...	1.22	2.75	0.97	1.3
36	W368M22-SH	SH	3.609	3.556	3.937	D1F	1.688	0.092	1.313	0.000	0.408	...	1.22	2.82	0.97	1.6
38	W388M22-SH	SH	3.810	3.756	4.156	D1F	1.688	0.092	1.313	0.000	0.408	...	1.22	3.00	0.97	1.9
40	W408M22-SH	SH	4.010	3.956	4.344	D1F	1.688	0.092	1.313	0.000	0.408	...	1.22	3.00	0.97	2.3
44	W448M22-SDS	SDS	4.411	4.357	4.750	D1F	2.000	0.155	1.375	0.000	0.470	...	1.22	3.50	0.97	2.5
48	W488M22-SDS	SDS	4.812	4.757	5.157	D1F	2.000	0.155	1.375	0.000	0.470	...	1.22	3.80	0.97	3.2
56	W568M22-SDS	SDS	5.614	5.558	5.937	D1F	2.000	0.155	1.375	0.000	0.470	...	1.22	4.60	0.97	4.6
64	W648M22-SK	SK	6.416	6.359	6.750	D1F	2.625	0.438	1.938	-0.280	0.250	...	1.22	5.40	0.97	7.7
72	W728M22-SK	SK	7.218	7.160	7.562	D1F	2.625	0.438	1.938	-0.280	0.250	...	1.22	6.20	0.97	9.1
80	W808M22-SK	SK	8.020	7.961	8.375	D2F	2.625	0.438	1.938	-0.280	0.250	...	1.22	6.90	0.97	9.1
90	W908M22-SK	SK	9.023	8.963	...	D2	2.625	0.438	1.938	-0.280	0.250	...	1.22	7.63	...	12.0
112	W1128M22-SK	SK	11.229	11.166	...	D3	2.625	0.438	1.938	-0.280	0.250	...	1.22	9.88	...	15.3
144	W1448M22-SF	SF	14.447	14.370	...	D3	2.938	0.563	2.063	-0.280	0.250	...	1.22	12.88	...	19.1
192	W1928M22-E	E	19.249	19.176	...	C3	3.500	1.202	2.625	0.202	-0.202	...	1.22	17.63	...	38.4

* Weight Shown is for Sprocket Less Bushing.

● Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.



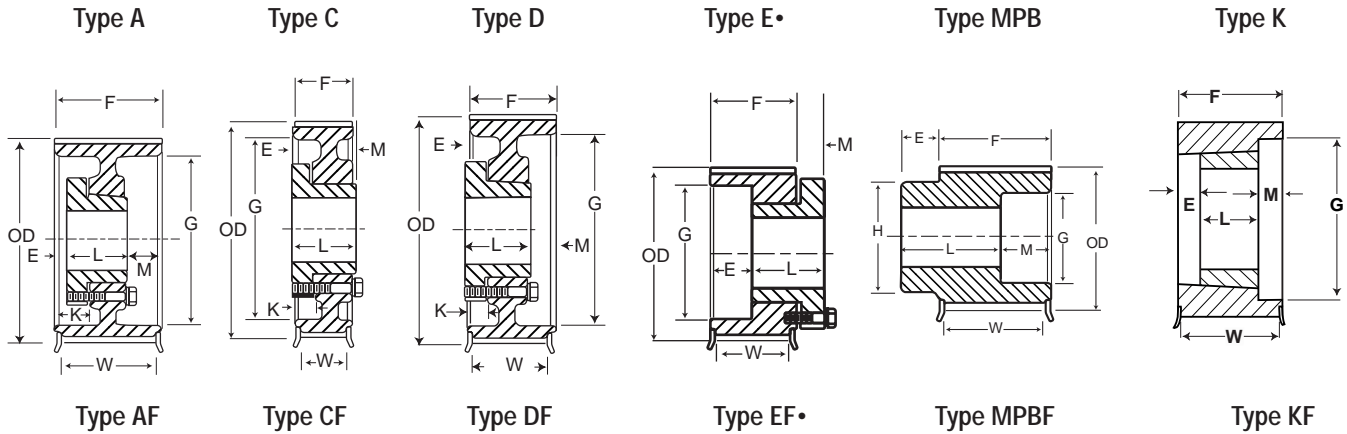
8mm Pitch, 35 mm (1.38in.) Wide Belts (8M - 35)																
No. of Teeth	Catalog Number	Bore	Pitch	Diameter (in.)		Type +	Max. Bore	Dimensions (in.)							Weight* Approx. (lbs)	
				O.D.	Flange			E	L	M	K	H	F	G		W
22	W228M35-MPB	MPB	2.206	2.154	2.56	MBP1F	1.188	0.618	2.3500	...	...	1.6250	1.73	...	1.428	1.6
24	W248M35-MPB	MPB	2.406	2.354	2.75	MBP1F	1.250	0.618	2.3500	...	...	1.8125	1.73	...	1.428	2
26	W268M35-MPB	MPB	2.607	2.554	2.94	MBP1F	1.375	0.618	2.3500	...	...	2.0000	1.73	...	1.428	2.4
28	W288M35-H	H	2.807	2.755	3.16	E1F ●	1.500	0.855	1.2500	0.375	0.000	...	1.73	1.570	1.428	1.5
30	W308M35-H	H	3.008	2.955	3.34	E1F ●	1.500	0.855	1.2500	0.375	0.000	...	1.73	1.570	1.428	1.9
32	W328M35-H	H	3.208	3.155	3.56	A1F ●	1.500	0.245	1.2500	0.235	0.620	...	1.73	1.570	1.428	2.4
34	W348M35-SH	SH	3.409	3.355	3.75	A1F	1.688	0.120	1.3125	0.298	0.620	...	1.73	2.750	1.428	2.4
36	W368M35-SH	SH	3.609	3.556	3.94	A1F	1.688	0.120	1.3125	0.298	0.620	...	1.73	2.820	1.428	2.8
38	W388M35-SH	SH	3.810	3.756	4.16	A1F	1.688	0.120	1.3125	0.298	0.620	...	1.73	3.000	1.428	3.0
40	W408M35-SH	SH	4.010	3.956	4.34	A1F	1.688	0.120	1.3125	0.298	0.620	...	1.73	3.000	1.428	2.8
44	W448M35-SD	SD	4.411	4.357	4.75	D1F	2.000	0.313	1.8125	0.232	0.250	...	1.73	3.500	1.428	3.1
48	W488M35-SD	SD	4.812	4.757	5.16	D1F	2.000	0.313	1.8125	0.232	0.250	...	1.73	3.800	1.428	3.5
56	W568M35-SK	SK	5.614	5.558	5.94	D1F	2.625	0.438	1.9375	0.230	0.250	...	1.73	4.600	1.428	5.3
64	W648M35-SK	SK	6.416	6.359	6.75	D1F	2.625	0.438	1.9375	0.230	0.250	...	1.73	5.400	1.428	8.4
72	W728M35-SK	SK	7.218	7.160	7.56	D1F	2.625	0.438	1.9375	0.230	0.250	...	1.73	6.200	1.428	9.1
80	W808M35-SF	SF	8.020	7.961	8.38	D1F	2.938	0.563	2.0625	0.230	0.250	...	1.73	6.900	1.428	15.1
90	W908M35-SF	SF	9.023	8.963	...	D2	2.938	0.563	2.0625	0.230	0.250	...	1.73	7.625	...	20.7
112	W1128M35-SF	SF	11.229	11.166	...	A3	2.938	0.563	2.0625	0.230	0.250	...	1.73	9.875	...	18.0
144	W1448M35-E	E	14.447	14.370	...	C3	3.500	0.893	2.6250	0.000	0.107	...	1.73	12.875	...	38.0
192	W1928M35-E	E	19.249	19.176	...	C3	3.500	0.893	2.6250	0.000	0.107	...	1.73	17.625	...	53.0
8mm Pitch, 60 mm (2.36 in.) Wide Belts (8M-60)																
22	W228M60-MPB	MPB	2.206	2.154	2.562	MPB1F	1.188	0.619	3.375	...	...	1.625	2.756	...	2.506	2.2
24	W248M60-MPB	MPB	2.406	2.354	2.750	MPB1F	1.250	0.619	3.375	...	...	1.813	2.756	...	2.506	2.7
26	W268M60-MPB	MPB	2.607	2.554	2.937	MPB1F	1.375	0.619	3.375	...	...	2.000	2.756	...	2.506	3.3
28	W288M60-MPB	MPB	2.807	2.755	3.156	MPB1F	1.500	0.619	3.375	...	...	2.281	2.756	...	2.506	4.4
30	W308M60-MPB	MPB	3.008	2.955	3.344	MPB1F	1.563	0.619	3.375	...	...	2.468	2.756	...	2.506	5.1
32	W328M60-MPB	MPB	3.208	3.155	3.562	MPB1F	1.625	0.619	3.375	...	...	2.593	2.756	...	2.506	5.9
34	W348M60-MPB	MPB	3.409	3.355	3.750	MPB1F	1.688	0.619	3.375	...	...	2.796	2.756	...	2.506	6.6
36	W368M60-MPB	MPB	3.609	3.556	3.937	MPB1F	1.750	0.619	3.375	...	...	3.000	2.756	...	2.506	7.8
36	W368M60-2012	2012*	3.609	3.556	3.937	K1F	2.000	1.506	1.250	0.000	...	...	2.756	2.820	2.506	2.3
38	W388M60-MPB	MPB	3.810	3.756	4.156	MPB1F	1.938	0.619	3.375	...	...	3.188	2.756	...	2.506	8.8
38	W388M60-2012	2012*	3.810	3.756	4.156	K1F	2.000	1.506	1.250	0.000	...	...	2.756	3.000	2.506	2.8
40	W408M60-MPB	MPB	4.010	3.956	4.344	MPB1F	2.125	0.619	3.375	...	...	3.813	2.756	...	2.506	9.8
40	W408M60-2012	2012*	4.010	3.956	4.344	W1F	2.000	1.506	1.250	0.000	...	...	2.756	3.000	2.506	2.3
44	W448M60-2517	2517	4.411	4.357	4.750	W1F	2.500	0.503	1.750	0.503	...	...	2.756	3.500	2.506	5.4
48	W488M60-2517	2517	4.812	4.757	5.157	W1F	2.500	0.503	1.750	0.503	...	...	2.756	3.800	2.506	3.2
56	W568M60-3020	3020	5.614	5.558	5.937	W1F	3.000	0.378	2.000	0.378	...	...	2.756	4.600	2.506	6.3
64	W648M60-SF	SF	6.416	6.359	6.750	A1F	2.938	-0.061	2.063	0.754	0.752	...	2.756	5.400	2.506	9.8
72	W728M60-E	E	7.218	7.160	7.562	A1F	3.500	0.000	2.625	0.131	1.000	...	2.756	6.200	2.506	12.8
80	W808M60-E	E	8.020	7.961	8.375	A1F	3.500	0.000	2.625	0.131	1.000	...	2.756	6.900	2.506	19.3
90	W908M60-E	E	9.023	8.963	...	A1	3.500	0.000	2.625	0.131	1.000	...	2.756	7.625	...	20.7
112	W1128M60-F	F	11.229	11.166	...	C3	4.000	0.869	3.625	0.000	0.256	...	2.756	9.875	...	50.3
144	W1448M60-F	F	14.447	14.370	...	C3	4.000	0.869	3.625	0.000	0.256	...	2.756	12.875	...	73.2
192	W1928M60-F	F	19.249	19.176	...	C3	4.000	0.869	3.625	0.000	0.256	...	2.756	17.625	...	81.3

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

* Weight Shown is for Sprocket Less Bushing.

● Reverse Mount Only

High HP HTS Sprockets 14mm



14mm Pitch, 20 mm (.79in.) Wide Belts (14M - 20)

No. of Teeth	Catalog Number	Bore	Pitch	Diameter (in.)		Type +	Max. Bore	Dimensions (in.)								Weight* Approx. (lbs)
				O.D.	Flange			E	L	M	K	H	F	G	W	
28	W2814M20-SK	SK	4.912	4.805	5.56	D1F	2.625	0.688	1.938	-0.030	0.000	..	1.220	2.740	0.908	3.6
29	W2914M20-SK	SK	5.088	4.981	5.56	D1F	2.625	0.688	1.938	-0.030	0.000	..	1.220	2.740	0.908	4.0
30	W3014M20-SK	SK	5.263	5.156	6.13	D1F	2.625	0.688	1.938	-0.030	0.000	..	1.220	2.740	0.908	4.4
32	W3214M20-SK	SK	5.614	5.507	6.13	D1F	2.625	0.688	1.938	-0.030	0.000	..	1.220	2.740	0.908	5.3
34	W3414M20-SK	SK	5.965	5.857	6.5	D1F	2.625	0.688	1.938	-0.030	0.000	..	1.220	2.740	0.908	6.2
36	W3614M20-SF	SF	6.316	6.208	6.81	C1F	2.938	0.813	2.063	-0.030	0.000	..	1.220	3.050	0.908	5.7
38	W3814M20-SF	SF	6.667	6.559	7.16	C1F	2.938	0.813	2.063	-0.030	0.000	..	1.220	3.050	0.908	6.5
40	W4014M20-SF	SF	7.018	6.910	7.5	C1F	2.938	0.813	2.063	-0.030	0.000	..	1.220	3.050	0.908	7.6
44	W4414M20-E	E	7.720	7.611	8.22	C1F	3.500	1.000	2.625	0.405	0.000	..	1.220	...	0.908	10.2
48	W4814M20-E	E	8.421	8.312	8.94	C1F	3.500	1.000	2.625	0.405	0.000	..	1.220	...	0.908	13.0
52	W5214M20-E	E	9.123	9.014	9.69	C1F	3.500	1.000	2.625	0.405	0.000	..	1.220	...	0.908	16.7
56	W5614M20-E	E	9.825	9.715	10.38	C1F	3.500	1.000	2.625	0.405	0.000	..	1.220	...	0.908	20.4
60	W6014M20-E	E	10.527	10.417	11.06	C1F	3.500	1.000	2.625	0.405	0.000	..	1.220	...	0.908	23.6
64	W6414M20-E	E	11.229	11.118	11.75	C1F	3.500	1.000	2.625	0.405	0.000	..	1.220	...	0.908	27.1
68	W6814M20-E	E	11.930	11.820	12.5	C2F	3.500	1.000	2.625	0.405	0.000	..	1.220	...	0.908	26.8
72	W7214M20-E	E	12.632	12.521	13.19	C2F	3.500	1.000	2.625	0.405	0.000	..	1.220	...	0.908	29.6
80	W8014M20-E	E	14.036	13.924	14.63	C2F	3.500	1.000	2.625	0.405	0.000	..	1.220	...	0.908	35.3
90	W9014M20-E	E	15.790	15.677	...	C3	3.500	1.188	2.625	0.218	-0.188	..	1.220	13.563	...	36.6
112	W11214M20-E	E	19.650	19.535	...	C3	3.500	1.188	2.625	0.218	-0.188	..	1.220	17.375	...	48.0
144	W14414M20-E	E	25.264	25.147	...	C3	3.500	1.188	2.625	0.218	-0.188	..	1.220	23.000	...	59.4
168	W16814M20-F	F	29.475	29.355	...	C3	4.000	1.563	3.625	0.842	-0.438	..	1.220	27.250	...	98.4
192	W19214M20-J	J	33.686	33.564	...	C3	4.500	1.938	4.500	1.342	-0.626	..	1.220	31.375	...	147.4
216	W21614M20-J	J	37.896	37.772	...	C3	4.500	1.938	4.500	1.342	-0.626	..	1.220	35.625	...	155.6

14mm Pitch, 42 mm (1.65 in.) Wide Belts (14M-42)

28	W2814M42-SK	SK	4.912	4.805	5.56	E1F•	2.625	0.837	1.938	0.688	...	..	2.087	2.740	1.774	5.5
29	W2914M42-SK	SK	5.088	4.981	5.56	E1F•	2.625	0.837	1.938	0.688	...	..	2.087	2.740	1.774	6.2
30	W3014M42-SK	SK	5.263	5.156	6.13	D1F	2.625	0.267	1.938	0.416	0.421	..	2.087	3.920	1.774	5.9
32	W3214M42-SK	SK	5.614	5.507	6.13	D1F	2.625	0.267	1.938	0.416	0.42	..	2.087	3.920	1.774	7.4
34	W3414M42-SF	SF	5.965	5.857	6.50	D1F	2.938	0.391	2.063	0.415	0.421	..	2.087	3.920	1.774	8.8
36	W3614M42-SF	SF	6.316	6.208	6.81	D1F	2.938	0.391	2.063	0.415	0.421	..	2.087	4.688	1.774	7.8
38	W3814M42-SF	SF	6.667	6.559	7.16	D1F	2.938	0.391	2.063	0.415	0.421	..	2.087	4.938	1.774	9.2
40	W4014M42-SF	SF	7.018	6.910	7.50	D1F	2.938	0.391	2.063	0.415	0.421	..	2.087	5.063	1.774	10.8
44	W4414M42-E	E	7.720	7.611	8.22	D1F	3.500	0.772	2.625	0.234	0.228	..	2.087	6.125	1.774	13.1
48	W4814M42-E	E	8.421	8.312	8.94	D1F	3.500	0.772	2.625	0.234	0.228	..	2.087	6.500	1.774	17.2
52	W5214M42-E	E	9.123	9.014	9.69	D1F	3.500	0.772	2.625	0.234	0.228	..	2.087	7.188	1.774	21.2
56	W5614M42-E	E	9.825	9.715	10.38	D1F	3.500	0.772	2.625	0.234	0.228	..	2.087	7.875	1.774	25.6
60	W6014M42-E	E	10.527	10.417	11.06	D1F	3.500	0.772	2.625	0.234	0.228	..	2.087	8.500	1.774	30.3
64	W6414M42-E	E	11.229	11.118	11.75	D1F	3.500	0.772	2.625	0.234	0.228	..	2.087	9.250	1.774	35.1
68	W6814M42-E	E	11.930	11.820	12.50	D2F	3.500	0.772	2.625	0.234	0.228	..	2.087	10.000	1.774	33.7
72	W7214M42-E	E	12.632	12.521	13.19	D2F	3.500	0.772	2.625	0.234	0.228	..	2.087	10.688	1.774	37.3
80	W8014M42-E	E	14.036	13.924	14.63	D2F	3.500	0.772	2.625	0.234	0.228	..	2.087	12.125	1.774	44.5
90	W9014M42-F	F	15.790	15.677	...	C3	4.000	1.125	3.625	0.413	...	..	2.087	13.563	...	50.8
112	W11214M42-F	F	19.650	19.535	...	C3	4.000	1.125	3.625	0.413	...	..	2.087	17.375	...	77.3
144	W14414M42-F	F	25.264	25.147	...	C3	4.000	1.125	3.625	0.413	...	..	2.087	23.000	...	97.4
168	W16814M42-F	F	29.475	29.355	...	C3	4.000	1.125	3.625	0.413	...	..	2.087	27.250	...	119.3
192	W19214M42-J	J	33.686	33.564	...	C3	4.500	1.505	4.500	0.908	...	-0.192	2.087	31.375	...	173.5
216	W21614M42-J	J	37.896	37.772	...	C3	4.500	1.505	4.500	0.908	...	-0.192	2.087	35.625	...	206.0

* Weight Shown is for Sprocket Less Bushing.

• Reverse Mount Only

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.



High HP HTS Sprockets 14mm

14mm Pitch, 65 mm (2.56in.) Wide Belts (14M - 65)																
No. of Teeth	Catalog Number	Bore	Pitch	Diameter (in.)		Type +	Max. Bore	Dimensions (in.)								Weight* Approx. (lbs)
				O.D.	Flange			E	L	M	K	H	F	G	W	
28	W2814M65-MPB	MPB	4.912	4.805	5.56	MPB1F	2.313	1.000	4.032	0.000	-	3.688	3.032	0.000	2.719	15
29	W2914M65-MPB	MPB	5.088	4.981	5.56	MPB1F	2.313	1.000	4.032	0.000	-	3.688	3.032	0.000	2.719	16
30	W3014M65-MPB	MPB	5.263	5.156	6.13	MPB1F	2.500	1.000	4.032	0.000	-	4.141	3.032	0.000	2.719	18
32	W3214M65-MPB	MPB	5.614	5.507	6.13	MPB1F	2.500	1.000	4.032	0.000	-	4.141	3.032	0.000	2.719	20.2
34	W3414M65-MPB	MPB	5.965	5.857	6.50	MPB1F	2.688	1.000	4.032	0.000	-	4.484	3.032	0.000	2.719	23.4
36	W3614M65-MPB	MPB	6.316	6.208	6.81	MPB1F	3.000	1.000	4.032	0.000	-	4.875	3.032	0.000	2.719	24.5
36	W3614M65-3030	3030*	6.316	6.208	6.81	MPB1F	3.000	0.032	3.000	0.000	-	0.000	3.032	0.000	2.719	10.8
38	W3814M65-MPB	MPB	6.667	6.559	7.16	MPB1F	3.250	1.000	4.032	0.000	-	5.172	3.032	0.000	2.719	27.6
38	W3814M65-3030	3030*	6.667	6.559	7.16	MPB1F	3.000	0.032	3.000	0.000	-	0.000	3.032	0.000	2.719	13.4
40	W4014M65-MPB	MPB	7.018	6.910	7.50	MPB1F	3.438	1.000	4.032	0.000	-	5.563	3.032	0.000	2.719	31.5
40	W4014M65-3535	3535*	7.018	6.910	7.50	C1F	3.500	0.468	3.500	0.000	-	6.125	3.032	3.875	2.719	13.2
44	W4414M65-E	E	7.720	7.611	8.22	D1F	3.500	0.125	2.625	0.532	0.875	...	3.032	6.125	2.719	16.2
48	W4814M65-E	E	8.421	8.312	8.94	D1F	3.500	0.125	2.625	0.532	0.875	...	3.032	6.500	2.719	21.4
52	W5214M65-E	E	9.123	9.014	9.69	D1F	3.500	0.125	2.625	0.532	0.875	...	3.032	7.188	2.719	25.9
56	W5614M65-F	F	9.825	9.715	10.38	C1F	4.000	0.594	3.625	0.000	0.531	...	3.032	7.875	2.719	36.3
60	W6014M65-F	F	10.527	10.417	11.06	C1F	4.000	0.594	3.625	0.000	0.531	...	3.032	8.500	2.719	43.5
64	W6414M65-F	F	11.229	11.118	11.75	C1F	4.000	0.594	3.625	0.000	0.531	...	3.032	9.250	2.719	51.0
68	W6814M65-F	F	11.930	11.820	12.50	C2F	4.000	0.594	3.625	0.000	0.531	7.750	3.032	10.000	2.719	47.9
72	W7214M65-F	F	12.632	12.521	13.19	C2F	4.000	0.594	3.625	0.000	0.531	7.750	3.032	10.688	2.719	52.7
80	W8014M65-F	F	14.036	13.924	14.63	C2F	4.000	0.594	3.625	0.000	0.531	7.750	3.032	12.125	2.719	61.2
90	W9014M65-F	F	15.790	15.677	...	C3	4.000	0.594	3.625	0.000	0.531	7.750	3.032	13.563	...	59.8
112	W11214M65-J	J	19.650	19.535	...	C3	4.500	1.250	4.500	0.219	0.063	9.000	3.032	17.375	...	104.2
144	W14414M65-M	M	25.264	25.147	...	C3	5.500	2.063	6.750	1.657	-0.500	11.375	3.032	23.000	...	197.3
168	W16814M65-M	M	29.475	29.355	...	C3	5.500	2.063	6.750	1.657	-0.500	11.375	3.032	27.250	...	207.0
192	W19214M65-M	M	33.686	33.564	...	C3	5.500	2.063	6.750	1.657	-0.500	11.375	3.032	31.375	...	173.5
216	W21614M65-M	M	37.896	37.772	...	C3	5.500	2.063	6.750	1.657	-0.500	11.375	3.032	35.625	...	253.0
14mm Pitch, 90 mm (3.54 in.) Wide Belts (14M-90)																
28	W2814M90-MPB	MPB	4.912	4.805	5.56	MPB1F	2.313	1.000	5.055	...	...	3.688	4.055	0.000	3.743	18.9
29	W2914M90-MPB	MPB	5.088	4.981	5.56	MPB1F	2.313	1.000	5.055	...	...	3.688	4.055	0.000	3.743	20.2
30	W3014M90-MPB	MPB	5.263	5.156	6.13	MPB1F	2.500	1.000	5.055	...	...	4.141	4.055	0.000	3.743	10.9
32	W3214M90-MPB	MPB	5.614	5.507	6.13	MPB1F	2.500	1.000	5.055	...	...	4.141	4.055	0.000	3.743	13.9
34	W3414M90-MPB	MPB	5.965	5.857	6.50	MPB1F	2.688	1.000	5.055	...	...	4.484	4.055	0.000	3.743	16.7
36	W3614M90-MPB	MPB	6.316	6.208	6.81	MPB1F	3.000	1.000	5.055	...	...	4.875	4.055	0.000	3.743	31.4
38	W3814M90-MPB	MPB	6.667	6.559	7.16	MPB1F	3.250	1.000	5.055	...	...	5.172	4.055	4.938	3.743	35.5
40	W4014M90-3535	3535	7.018	6.910	7.50	K1F	3.500	0.555	3.500	0.000	...	...	4.055	...	3.743	17.1
44	W4414M90-3535	3535	7.720	7.611	8.22	K1F	4.000	0.555	3.500	0.000	...	...	4.055	...	3.743	24.8
48	W4814M90-4040	4040	8.421	8.312	8.94	K1F	4.000	0.555	4.000	0.000	...	...	4.055	...	3.743	27.0
52	W5214M90-F	F	9.123	9.014	9.69	D1F	4.000	0.347	3.625	0.778	0.778	...	4.055	7.188	3.743	34.7
56	W5614M90-F	F	9.825	9.715	10.38	D1F	4.000	0.347	3.625	0.778	0.778	...	4.055	7.875	3.743	36.3
60	W6014M90-F	F	10.527	10.417	11.06	D1F	4.000	0.347	3.625	0.778	0.778	...	4.055	8.500	3.743	49.8
64	W6414M90-F	F	11.229	11.118	11.75	D1F	4.000	0.347	3.625	0.778	0.778	...	4.055	9.250	3.743	57.6
68	W6814M90-F	F	11.930	11.820	12.50	D2F	4.000	0.347	3.625	0.778	0.778	...	4.055	10.000	3.743	54.8
72	W7214M90-F	F	12.632	12.521	13.19	D2F	4.000	0.347	3.625	0.778	0.778	...	4.055	10.688	3.743	60.0
80	W8014M90-J	J	14.036	13.924	14.63	C2F	4.500	0.375	4.500	0.070	0.938	...	4.055	12.125	3.743	81.5
90	W9014M90-J	J	15.790	15.677	0	C3	4.500	0.375	4.500	0.070	0.938	...	4.055	13.563	...	77.4
112	W11214M90-J	J	19.650	19.535	0	C3	4.500	0.375	4.500	0.070	0.938	...	4.055	17.375	...	116.2
144	W14414M90-M	M	25.264	25.147	0	C3	5.500	1.563	6.750	1.132	0.000	11.375	4.055	23.000	...	220.0
168	W16814M90-M	M	29.475	29.355	0	C3	5.500	1.563	6.750	1.132	0.000	11.375	4.055	27.250	...	207.0
192	W19214M90-M	M	33.686	33.564	0	C3	5.500	1.563	6.750	1.132	0.000	11.375	4.055	31.375	...	268.4
216	W21614M90-M	M	37.896	37.772	0	C3	5.500	1.563	6.750	1.132	0.000	11.375	4.055	35.625	...	278.1
14mm Pitch, 120 mm (4.72 in.) Wide Belts (14M-120)																
28	W2814M120-MPB	MPB	4.912	4.805	5.56	MPB1F	2.313	1.000	4.986	1.250	...	3.688	5.236	3.125	4.924	22.0
29	W2914M120-MPB	MPB	5.088	4.981	5.56	MPB1F	2.313	1.000	4.986	1.250	...	3.688	5.236	3.125	4.924	23.8
30	W3014M120-MPB	MPB	5.263	5.156	6.13	MPB1F	2.500	1.000	4.986	1.250	...	4.141	5.236	3.906	4.924	25.1
32	W3214M120-MPB	MPB	5.614	5.507	6.13	MPB1F	2.500	1.000	4.986	1.250	...	4.141	5.236	3.906	4.924	29
34	W3414M120-MPB	MPB	5.965	5.857	6.50	MPB1F	2.688	1.000	4.986	1.250	...	4.484	5.236	4.063	4.924	33.7
36	W3614M120-MPB	MPB	6.316	6.208	6.81	MPB1F	3.000	1.000	4.986	1.250	...	4.875	5.236	4.688	4.924	34.0
38	W3814M120-MPB	MPB	6.667	6.559	7.16	MPB1F	3.250	1.000	4.986	1.250	...	5.172	5.236	4.938	4.924	38.4
40	W4014M120-MPB	MPB	7.018	6.910	7.50	MPB1F	3.438	1.000	4.986	1.250	...	5.563	5.236	5.063	4.924	43.4
44	W4414M120-3535	3535	7.720	7.611	8.22	K1F	4.000	0.868	3.500	0.868	...	...	5.236	5.875	4.924	24.8
48	W4814M120-4040	4040	8.421	8.312	8.94	K1F	4.000	0.618	4.000	0.618	...	...	5.236	6.625	4.924	31.8
52	W5214M120-F	F	9.123	9.014	9.69	A1F	4.000	1.125	3.625	1.361	1.375	...	5.236	7.188	4.924	34.7
56	W5614M120-F	F	9.825	9.715	10.38	A1F	4.000	1.125	3.625	1.361	1.375	...	5.236	7.875	4.924	48.4
60	W6014M120-F	F	10.527	10.417	11.06	A1F	4.000	1.125	3.625	1.361	1.375	...	5.236	8.500	4.924	57.1
64	W6414M120-J	J	11.229	11.118	11.75	D1F	4.500	0.293	4.500	1.029	1.020	...	5.236	9.250	4.924	69.7
68	W6814M120-J	J	11.930	11.820	12.50	D1F	4.500	0.293	4.500	1.029	1.020	...	5.236	10.000	4.924	80.4
72	W7214M120-J	J	12.632	12.521	13.19	D1F	4.500	0.293	4.500	1.029	1.020	...	5.236	10.688	4.924	92.2
80	W8014M120-J	J	14.036	13.924	14.63	D2F	4.500	0.293	4.500	1.029	1.020	...	5.236	12.125	4.924	92.5
90	W9014M120-M	M	15.790	15.677	...	C2	5.500	1.514	6.750	0.000	0.049	10.000	5.236	13.563	...	134.5
112	W11214M120-M	M	19.650	19.535	...	C3	5.500	1.514	6.750	0.000	0.049	11.375	5.236	17.375	...	193.4
144	W14414M120-M	M	25.264	25.147	...	C3	5.500	1.514	6.750	0.000	0.049	11.375	5.236	23.000	...	234.6
168	W16814M120-M	M	29.475	29.355	...	C3	5.500	1.514	6.750	0.000	0.049	11.375	5.236	27.250	...	245.8
192	W19214M120-N	N	33.686	33.564	...	C3	6.000	1.875	8.125	1.014	0.000	12.000	5.236	31.375	...	381.5

+ The numbers (1=Solid, 2=Web, 3=Arms) within the "Type" indicates construction, and the letter F indicates the sprocket has flanges.

* Weight Shown is for Sprocket Less Bushing.
● Reverse Mount Only

PULLEYS

High HP HTS 8mm Drive Selection Tables



Sprocket Combination						HP Ratings @1750 RPM Driver											
Drive	Driver		Driven		DN	RPP Panther Belt Widths (mm)											
Ratio	No. Teeth	P.D.	No. Teeth	P.D.	RPM	12	22	35	60	480	560	600	640	720	800		
Multiply HP rating by the belt length factor to determine drive width - BELT LENGTH FACTOR										0.8	0.8	0.8	0.9	0.9	0.9		
1.00	80	8.02	80	8.02	1750	26.51	48.64	77.42	132.74								
1.00	72	7.22	72	7.22	1750	23.77	43.62	69.42	119.03								
1.00	64	6.42	64	6.42	1750	21.02	38.57	61.39	105.26								
1.00	56	5.61	56	5.61	1750	18.27	33.52	53.35	91.47						6.9		
1.00	48	4.81	48	4.81	1750	15.52	28.47	45.32	77.70				5.0	6.6	8.2		
1.00	44	4.41	44	4.41	1750	14.15	25.96	41.31	70.84			4.9	5.7	7.2	8.8		
1.00	40	4.01	40	4.01	1750	12.78	23.45	37.32	63.99		4.7	5.5	6.3	7.9	9.5		
1.00	38	3.81	38	3.81	1750	12.10	22.20	35.33	60.58		5.0	5.8	6.6	8.2	9.8		
1.00	36	3.61	36	3.61	1750	11.42	20.95	33.35	57.18	3.8	5.4	6.1	6.9	8.5	10.1		
1.00	34	3.41	34	3.41	1750	10.74	19.71	31.37	53.79	4.1	5.7	6.5	7.2	8.8	10.4		
1.00	32	3.21	32	3.21	1750	10.07	18.47	29.40	50.41	4.4	6.0	6.8	7.6	9.1	10.7		
1.00	30	3.01	30	3.01	1750	9.40	17.24	27.43	47.04	4.7	6.3	7.1	7.9	9.5	11.0		
1.00	28	2.81	28	2.81	1750	8.72	16.01	25.47	43.68	5.0	6.6	7.4	8.2	9.8	11.3		
1.00	26	2.61	26	2.61	1750	8.06	14.78	23.53	40.34	5.4	6.9	7.7	8.5	10.1	11.7		
1.00	24	2.41	24	2.41	1750	7.39	13.56	21.59	37.01	5.7	7.2	8.0	8.8	10.4	12.0		
1.00	22	2.21	22	2.21	1750	6.73	12.35	19.66	33.71	6.0	7.6	8.4	9.1	10.7	12.3		
1.05	38	3.81	40	4.01	1663	12.10	22.20	35.33	60.58		4.9	5.7	6.5	8.0	9.6		
1.06	36	3.61	38	3.81	1658	11.42	20.95	33.35	57.18		5.2	6.0	6.8	8.4	9.9		
1.06	34	3.41	36	3.61	1653	10.74	19.71	31.37	53.79	3.9	5.5	6.3	7.1	8.7	10.2		
1.06	32	3.21	34	3.41	1647	10.07	18.47	29.40	50.41	4.3	5.8	6.6	7.4	9.0	10.6		
1.07	30	3.01	32	3.21	1641	9.40	17.24	27.43	47.04	4.6	6.1	6.9	7.7	9.3	10.9		
1.07	28	2.81	30	3.01	1633	8.72	16.01	25.47	43.68	4.9	6.5	7.2	8.0	9.6	11.2		
1.08	26	2.61	28	2.81	1625	8.06	14.78	23.53	40.34	5.2	6.8	7.6	8.4	9.9	11.5		
1.08	24	2.41	26	2.61	1615	7.39	13.56	21.59	37.01	5.5	7.1	7.9	8.7	10.2	11.8		
1.09	44	4.41	48	4.81	1604	14.15	25.96	41.31	70.84				5.4	6.9	8.5		
1.09	22	2.21	24	2.41	1604	6.73	12.35	19.66	33.71	5.8	7.4	8.2	9.0	10.6	12.1		
1.10	40	4.01	44	4.41	1591	12.78	23.45	37.32	63.99		4.4	5.2	6.0	7.6	9.1		
1.11	72	7.22	80	8.02	1575	23.77	43.62	69.42	119.03								
1.11	36	3.61	40	4.01	1575	11.42	20.95	33.35	57.18		5.0	5.8	6.6	8.2	9.8		
1.12	34	3.41	38	3.81	1566	10.74	19.71	31.37	53.79	3.8	5.4	6.1	6.9	8.5	10.1		
1.13	80	8.02	90	9.02	1556	26.51	48.64	77.42	132.74								
1.13	64	6.42	72	7.22	1556	21.02	38.57	61.39	105.26								
1.13	32	3.21	36	3.61	1556	10.07	18.47	29.40	50.41	4.1	5.7	6.5	7.2	8.8	10.4		
1.13	30	3.01	34	3.41	1544	9.40	17.24	27.43	47.04	4.4	6.0	6.8	7.6	9.1	10.7		
1.14	56	5.61	64	6.42	1531	18.27	33.52	53.35	91.47								
1.14	28	2.81	32	3.21	1531	8.72	16.01	25.47	43.68	4.7	6.3	7.1	7.9	9.5	11.0		
1.15	26	2.61	30	3.01	1517	8.06	14.78	23.53	40.34	5.0	6.6	7.4	8.2	9.8	11.3		
1.16	38	3.81	44	4.41	1511	12.10	22.20	35.33	60.58		4.6	5.4	6.1	7.7	9.3		
1.17	48	4.81	56	5.61	1500	15.52	28.47	45.32	77.70					6.0	7.6		
1.17	24	2.41	28	2.81	1500	7.39	13.56	21.59	37.01	5.4	6.9	7.7	8.5	10.1	11.7		
1.18	34	3.41	40	4.01	1488	10.74	19.71	31.37	53.79		5.2	6.0	6.8	8.3	9.9		
1.18	22	2.21	26	2.61	1481	6.73	12.35	19.66	33.71	5.7	7.2	8.0	8.8	10.4	12.0		
1.19	32	3.21	38	3.81	1474	10.07	18.47	29.40	50.41	3.9	5.5	6.3	7.1	8.7	10.2		
1.20	40	4.01	48	4.81	1458	12.78	23.45	37.32	63.99		4.9	5.7	6.5	8.1	9.7		
1.20	30	3.01	36	3.61	1458	9.40	17.24	27.43	47.04	4.2	5.8	6.6	7.4	9.0	10.6		
1.21	28	2.81	34	3.41	1441	8.72	16.01	25.47	43.68	4.6	6.1	6.9	7.7	9.3	10.9		
1.22	36	3.61	44	4.41	1432	11.42	20.95	33.35	57.18		4.7	5.5	6.3	7.9	9.4		
1.23	26	2.61	32	3.21	1422	8.06	14.78	23.53	40.34	4.9	6.5	7.2	8.0	9.6	11.2		
1.25	72	7.22	90	9.02	1400	23.77	43.62	69.42	119.03								
1.25	64	6.42	80	8.02	1400	21.02	38.57	61.39	105.26								
1.25	32	3.21	40	4.01	1400	10.07	18.47	29.40	50.41	3.8	5.3	6.1	6.9	8.5	10.1		
1.25	24	2.41	30	3.01	1400	7.39	13.56	21.59	37.01	5.2	6.8	7.6	8.3	9.9	11.5		
1.26	38	3.81	48	4.81	1385	12.10	22.20	35.33	60.58		5.0	5.8	6.6	8.2	9.8		
1.27	44	4.41	56	5.61	1375	14.15	25.96	41.31	70.84					6.3	7.9		
1.27	30	3.01	38	3.81	1382	9.40	17.24	27.43	47.04	4.1	5.7	6.4	7.2	8.8	10.4		
1.27	22	2.21	28	2.81	1375	6.73	12.35	19.66	33.71	5.5	7.1	7.9	8.7	10.2	11.8		
1.29	56	5.61	72	7.22	1361	18.27	33.52	53.35	91.47								
1.29	34	3.41	44	4.41	1352	10.74	19.71	31.37	53.79		4.9	5.7	6.4	8.0	9.6		
1.29	28	2.81	36	3.61	1361	8.72	16.01	25.47	43.68	4.4	6.0	6.8	7.6	9.1	10.7		
1.31	26	2.61	34	3.41	1338	8.06	14.78	23.53	40.34	4.7	6.3	7.1	7.9	9.4	11.0		
1.33	48	4.81	64	6.42	1313	15.52	28.47	45.32	77.70						6.9		
1.33	36	3.61	48	4.81	1313	11.42	20.95	33.35	57.18		4.4	5.2	6.0	7.5	9.1		
1.33	30	3.01	40	4.01	1313	9.40	17.24	27.43	47.04	3.9	5.5	6.3	7.1	8.7	10.7		
1.33	24	2.41	34	3.21	1313	7.39	13.56	21.59	37.01	5.0	6.6	7.4	8.2	9.8	11.3		
1.36	28	2.81	38	3.81	1289	8.72	16.01	25.47	43.68	4.2	5.8	6.6	7.4	9.0	10.5		
Multiply HP rating by the belt length factor to determine drive width - BELT LENGTH FACTOR										0.8	0.8	0.8	0.9	0.9	0.9		

PULLEYS



High HP HTS 8mm Drive Selection Tables

Theoretical Center Distance in Inches for Various Belt Lengths																				
Belt Length Code (mm)																				
880	960	1040	1120	1200	1224	1280	1440	1600	1760	1800	2000	2200	2400	2600	2800	3048	3280	3600	4400	Drive
0.9	1	1	1	1	1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.5	1.5	Ratio
	7.6	9.1	9.5	11.0	11.5	12.6	15.8	18.9	22.1	22.8	26.8	30.7	34.7	38.6	42.5	47.4	52.0	58.3	74.0	1.00
7.2	8.8	10.4	12.0	13.5	12.8	13.9	17.0	20.2	23.3	24.1	28.0	32.0	35.9	39.8	43.8	48.7	53.2	59.5	75.3	1.00
8.5	10.1	11.7	13.2	14.8	15.3	16.4	19.5	22.7	25.8	26.6	30.6	34.5	38.4	42.4	46.3	51.2	55.8	62.1	77.8	1.00
9.8	11.3	12.9	14.5	16.1	16.5	17.6	20.8	23.9	27.1	27.9	31.8	35.8	39.7	43.6	47.6	52.4	57.0	63.3	79.1	1.00
10.4	12.0	13.5	15.1	16.7	17.2	18.3	21.4	24.6	27.7	28.5	32.4	36.4	40.3	44.3	48.2	53.1	57.6	63.9	79.7	1.00
11.0	12.6	14.2	15.8	17.3	17.8	18.9	22.1	25.2	28.4	29.1	33.1	37.0	40.9	44.9	48.8	53.7	58.3	64.6	80.3	1.00
11.3	12.9	14.5	16.1	17.6	18.1	19.2	22.4	25.5	28.7	29.5	33.4	37.3	41.3	45.2	49.1	54.0	58.6	64.9	80.6	1.00
11.7	13.2	14.8	16.4	18.0	18.4	19.5	22.7	25.8	29.0	29.8	33.7	37.6	41.6	45.5	49.5	54.3	58.9	65.2	80.9	1.00
12.0	13.5	15.1	16.7	18.3	18.7	19.8	23.0	26.1	29.3	30.1	34.0	38.0	41.9	45.8	49.8	54.7	59.2	65.5	81.3	1.00
12.3	13.9	15.4	17.0	18.6	19.1	20.2	23.3	26.5	29.6	30.4	34.3	38.3	42.2	46.1	50.1	55.0	59.5	65.8	81.6	1.00
12.6	14.2	15.8	17.3	18.9	19.4	20.5	23.6	26.8	29.9	30.7	34.7	38.6	42.5	46.5	50.4	55.3	59.8	66.1	81.9	1.00
12.9	14.5	16.1	17.6	19.2	19.7	20.8	23.9	27.1	30.2	31.0	35.0	38.9	42.8	46.8	50.7	55.6	60.2	66.5	82.2	1.00
13.2	14.8	16.4	18.0	19.5	20.0	21.1	24.3	27.4	30.6	31.3	35.3	39.2	43.2	47.1	51.0	55.9	60.5	66.8	82.5	1.00
13.5	15.1	16.7	18.3	19.8	20.3	21.4	24.6	27.7	30.9	31.7	35.6	39.5	43.5	47.4	51.3	56.2	60.8	67.1	82.8	1.00
13.9	15.4	17.0	18.6	20.2	20.6	21.7	24.9	28.0	31.2	32.0	35.9	39.8	43.8	47.7	51.7	56.5	61.1	67.4	83.2	1.00
11.2	12.8	14.3	15.9	17.5	18.0	19.1	22.2	25.4	28.5	29.3	33.2	37.2	41.1	45.0	49.0	53.9	58.4	64.7	80.5	1.05
11.5	13.1	14.7	16.2	17.8	18.3	19.4	22.5	25.7	28.8	29.6	33.5	37.5	41.4	45.4	49.3	54.2	58.7	65.0	80.8	1.06
11.8	13.4	15.0	16.5	18.1	18.6	19.7	22.8	26.0	29.1	29.9	33.9	37.8	41.7	45.7	49.6	54.5	59.1	65.4	81.1	1.06
12.1	13.7	15.3	16.9	18.4	18.9	20.0	23.2	26.3	29.5	30.2	34.2	38.1	42.1	46.0	49.9	54.8	59.4	65.7	81.4	1.06
12.4	14.0	15.6	17.2	18.7	19.2	20.1	23.5	26.6	29.8	30.6	34.5	38.4	42.4	46.3	50.2	55.1	59.7	66.0	81.7	1.07
12.8	14.3	15.9	17.5	19.1	19.5	20.6	23.8	26.9	30.1	30.9	34.8	38.7	42.7	46.6	50.6	55.4	60.0	66.3	82.1	1.07
13.1	14.7	16.2	17.8	19.4	19.8	20.9	24.1	27.2	30.4	31.2	35.1	39.1	43.0	46.9	50.9	55.8	60.3	66.6	82.4	1.08
13.4	15.0	16.5	18.1	19.7	20.2	21.3	24.4	27.6	30.7	31.5	35.4	39.4	43.3	47.2	51.2	56.1	60.6	66.9	82.7	1.08
10.1	11.7	13.2	14.8	16.4	16.9	18.0	21.1	24.3	27.4	28.2	32.1	36.1	40.0	43.9	47.9	52.8	57.3	63.6	79.4	1.09
13.7	15.3	16.9	18.4	20.0	20.5	21.6	24.7	27.9	31.0	31.8	35.8	39.7	43.6	47.6	51.6	56.4	60.5	67.2	83.0	1.09
10.7	12.3	13.9	15.4	17.0	17.5	18.6	21.7	24.9	28.0	28.8	32.8	36.7	40.6	44.6	48.5	53.4	58.0	64.3	80.0	1.10
		8.5	10.1	11.7	12.1	13.2	16.4	19.5	22.7	23.5	27.4	31.3	35.3	39.2	43.2	48.0	52.6	58.9	74.6	1.11
11.3	12.9	14.5	16.1	17.6	18.1	19.2	22.4	25.5	28.7	29.5	33.4	37.3	41.3	45.2	49.1	54.0	58.6	64.9	80.6	1.11
11.7	13.2	14.8	16.4	18.0	18.4	19.5	22.7	25.8	29.0	29.8	33.7	37.6	41.6	45.5	49.5	54.3	58.9	65.2	80.9	1.12
	8.2	9.8	11.3	12.9	13.4	14.5	17.6	20.8	23.9	24.7	28.7	32.6	36.5	40.5	44.4	49.3	53.9	60.2	75.9	1.13
12.0	13.5	15.1	16.7	18.3	18.7	19.8	23.0	26.1	29.3	30.1	34.0	38.0	41.9	45.8	49.8	54.7	59.2	65.5	81.3	1.13
12.3	13.9	15.4	17.0	18.6	19.1	20.2	23.3	26.5	29.6	30.4	34.3	38.3	42.2	46.1	50.1	55.0	59.5	65.8	81.6	1.13
7.9	9.4	11.0	12.6	14.2	14.6	15.7	18.9	22.0	25.2	26.0	29.9	33.9	37.8	41.7	45.7	50.6	55.1	61.4	77.2	1.14
12.6	14.8	15.8	17.3	18.9	19.4	20.5	23.6	26.8	29.9	30.7	34.7	38.6	42.5	46.5	50.4	55.3	59.8	66.1	81.9	1.14
12.9	14.5	16.1	17.6	19.2	19.7	20.8	23.9	27.1	30.2	31.0	35.0	38.9	42.8	46.8	50.7	55.6	60.2	66.5	82.2	1.15
10.9	12.4	14.0	15.6	17.2	17.6	18.7	21.9	25.0	28.2	29.0	32.9	36.9	40.8	44.7	48.7	53.5	58.1	64.4	80.2	1.16
9.1	10.7	12.3	13.9	15.4	15.9	17.0	20.2	23.3	26.5	27.2	31.2	35.1	39.1	43.0	46.9	51.8	56.4	62.7	78.4	1.17
13.2	14.8	16.4	18.0	19.5	20.0	21.1	24.3	27.4	30.6	31.3	35.3	39.2	43.2	47.1	51.0	55.9	60.5	66.8	82.5	1.17
11.5	13.1	14.6	16.2	17.8	18.3	19.4	22.5	25.7	28.8	29.6	33.5	37.5	41.4	45.4	49.3	54.2	58.7	65.0	80.8	1.18
13.5	15.1	16.7	18.3	19.8	20.3	21.4	24.6	27.7	30.9	31.7	35.6	39.5	43.5	47.4	51.3	56.2	60.8	67.1	82.8	1.18
11.8	13.4	15.0	16.5	18.1	18.6	19.7	22.8	26.0	29.1	29.9	33.9	37.8	41.7	45.7	49.6	54.5	59.1	65.4	81.1	1.19
10.4	12.0	13.5	15.1	16.7	17.2	18.3	21.4	24.6	27.7	28.5	32.4	36.4	40.3	44.3	48.2	53.1	57.6	63.9	79.7	1.20
12.1	13.7	15.3	16.9	18.4	18.9	20.0	23.2	26.3	29.5	30.2	34.2	38.1	42.1	46.0	49.9	54.8	59.4	65.7	81.4	1.20
12.4	14.0	15.6	17.2	18.7	19.2	20.3	23.5	26.6	29.8	30.6	34.5	38.4	42.4	46.3	50.2	55.1	59.7	66.0	81.7	1.21
11.2	12.6	14.2	15.7	17.3	17.8	18.9	22.0	25.2	28.3	29.1	33.1	37.0	40.9	44.9	48.8	53.7	58.3	64.6	80.3	1.22
12.8	14.3	15.9	17.5	19.1	19.5	20.6	23.8	26.9	30.1	30.9	34.8	38.7	42.7	46.6	50.6	55.4	60.0	66.3	82.1	1.23
			9.3	10.8	11.3	12.4	15.6	18.7	21.9	22.7	26.6	30.5	34.5	38.4	42.4	47.2	51.8	58.1	73.9	1.25
	7.5	9.1	10.7	12.3	12.7	13.8	17.0	20.1	23.3	24.1	28.0	32.0	35.9	39.8	43.8	48.7	53.2	59.5	75.3	1.25
11.7	13.2	14.8	16.4	18.0	18.4	19.5	22.7	25.8	29.0	29.8	33.7	37.6	41.6	45.5	49.5	54.3	58.9	65.2	80.9	1.25
13.1	14.6	16.2	17.8	19.4	19.8	20.9	24.1	27.2	30.4	31.2	35.1	39.1	43.0	46.9	50.9	55.8	60.3	66.6	82.4	1.25
10.5	12.1	13.7	15.3	16.8	17.3	18.4	21.6	24.7	27.9	28.7	32.6	36.5	40.5	44.4	48.3	53.2	57.8	64.1	79.8	1.26
9.4	11.0	12.6	14.2	15.7	16.2	17.3	20.5	23.6	26.8	27.6	31.5	35.4	39.4	43.3	47.2	52.1	56.7	63.0	78.7	1.27
12.0	13.5	15.1	16.7	18.3	18.7	19.8	23.0	26.1	29.3	30.1	34.0	38.0	41.9	45.8	49.8	54.6	59.2	65.5	81.3	1.27
13.4	15.0	16.5	18.1	19.7	20.2	21.3	24.4	27.6	30.7	31.5	35.4	39.4	43.3	47.2	51.2	56.1	60.6	66.9	82.7	1.27
7.2	8.8	10.4	11.9	13.5	14.0	15.1	18.3	21.4	24.6	25.3	29.3	33.2	37.2	41.1	45.0	49.9	54.5	60.8	76.5	1.29
11.2	12.8	14.3	15.9	17.5	18.0	19.1	22.2	25.4	28.5	29.3	33.2	37.2	41.1	45.0	49.0	53.9	58.4	64.7	80.5	1.29
12.3	13.9	15.4	17.0	18.6	19.1	20.2	23.3	26.5	29.6	30.4	34.3	38.3	42.2	46.1	50.1	55.0	59.5	65.8	81.6	1.29
12.6	14.2	15.7	17.3	18.9	19.4	20.5	23.6	26.8	29.9	30.7	34.6	38.6	42.5	46.5	50.4	55.3	59.8	66.1	81.9	1.31
8.5	10.1	11.6	13.2	14.8	15.3	16.4	19.5	22.7	25.8	26.6	30.5	34.5	38.4	42.4	46.3	51.2	55.7	62.0	77.8	1.33
10.7	12.3	13.9	15.4	17.0	17.5	18.6	21.7	24.9	28.0	28.8	32.8	36.7	40.6	44.6	48.5	53.4	58.0	64.3	80.0	1.33
11.8	13.4	15.0	16.5	18.1	18.6	19.7	22.8	26.0	29.1	29.9	33.9	37.8	41.7	45.7	49.6	54.5	59.1	65.4	81.1	1.33
12.9	14.5	16.1	17.6	19.2	19.7	20.8	23													

High HP HTS 8mm Drive Selection Tables



Sprocket Combination					HP Ratings @1750 RPM Driver											
Drive	Driver		Driven		DN	RPP Panther Belt Widths (mm)										
Ratio	No. Teeth	P.D.	No. Teeth	P.D.	RPM	12	22	35	60	480	560	600	640	720	800	
Multiply HP rating by the belt length factor to determine drive width - BELT LENGTH FACTOR										0.8	0.8	0.8	0.9	0.9	0.9	
1.36	22	2.21	30	3.01	1283	6.73	12.35	19.66	33.71	5.3	6.9	7.7	8.5	10.1	11.7	
1.38	32	3.21	44	4.41	1273	10.07	18.47	29.40	50.41		5.0	5.8	6.6	8.2	9.8	
1.38	26	2.61	36	3.61	1264	8.06	14.78	23.53	40.34	4.5	6.1	6.9	7.7	9.3	10.9	
1.40	80	8.02	112	11.23	1250	26.51	48.64	77.42	132.74							
1.40	40	4.01	56	5.61	1250	12.78	23.45	37.32	63.99				5.0	6.6	8.2	
1.41	64	6.42	90	9.02	1244	21.02	38.57	61.39	105.26							
1.41	34	3.41	48	4.81	1240	10.74	19.71	31.37	53.79		4.5	5.3	6.1	7.7	9.3	
1.42	24	2.41	34	3.41	1235	7.39	13.56	21.59	37.01	4.9	6.4	7.2	8.0	9.6	11.2	
1.43	56	5.61	80	8.02	1225	18.27	33.52	53.35	91.47							
1.43	28	2.81	40	4.01	1225	8.72	16.01	25.47	43.68	4.1	5.6	6.4	7.2	8.8	10.4	
1.45	44	4.41	64	6.42	1203	14.15	25.96	41.31	70.84					5.6	7.2	
1.45	22	2.21	32	3.21	1203	6.73	12.35	19.66	33.71	5.2	6.8	7.5	8.3	9.9	11.5	
1.46	26	2.61	38	3.81	1197	8.06	14.78	23.53	40.34	4.4	6.0	6.7	7.5	9.1	10.7	
1.47	38	3.81	56	5.61	1188	12.10	22.20	35.33	60.58				5.1	6.7	8.3	
1.47	30	3.01	44	4.41	1193	9.40	17.24	27.43	47.04		5.2	5.9	6.7	8.3	9.9	
1.50	48	4.81	72	7.22	1167	15.52	28.47	45.32	77.70						6.2	
1.50	32	3.21	48	4.81	1167	10.07	18.47	29.40	50.41		4.7	5.5	6.3	7.8	9.4	
1.50	24	2.41	36	3.61	1167	7.39	13.56	21.59	37.01	4.7	6.3	7.1	7.9	9.4	11.0	
1.54	26	2.61	40	4.01	1138	8.06	14.78	23.53	40.34	4.2	5.8	6.6	7.4	9.0	10.5	
1.55	22	2.21	34	3.41	1132	6.73	12.35	19.66	33.71	5.0	6.6	7.4	8.2	9.8	11.3	
1.56	72	7.22	112	11.23	1125	23.77	43.62	69.42	119.03							
1.56	36	3.61	56	5.61	1125	11.42	20.95	33.35	57.18				5.3	6.9	8.4	
1.57	28	2.81	44	4.41	1114	8.72	16.01	25.47	43.68	3.7	5.3	6.1	6.9	8.5	10.1	
1.58	24	2.41	38	3.81	1105	7.39	13.56	21.59	37.01	4.5	6.1	6.9	7.7	9.3	10.8	
1.60	40	4.01	64	6.42	1094	12.78	23.45	37.32	63.99					5.9	7.5	
1.60	30	3.01	48	4.81	1094	9.40	17.24	27.43	47.04		4.8	5.6	6.4	8.0	9.6	
1.61	56	5.61	90	9.02	1089	18.27	33.52	53.35	91.47							
1.64	44	4.41	72	7.22	1069	14.15	25.96	41.31	70.84						6.5	
1.64	22	2.21	36	3.61	1069	6.73	12.35	19.66	33.71	4.8	6.4	7.2	8.0	9.6	11.2	
1.65	34	3.41	56	5.61	1063	10.74	19.71	31.37	53.79			4.6	5.4	7.0	8.6	
1.67	48	4.81	80	8.02	1050	15.52	28.47	45.32	77.70							
1.67	24	2.41	40	4.01	1050	7.39	13.56	21.59	37.01	4.3	5.9	6.7	7.5	9.1	10.7	
1.68	38	3.81	64	6.42	1039	12.10	22.20	35.33	60.58					6.0	7.6	
1.69	26	2.61	44	4.41	1034	8.06	14.78	23.53	40.34	3.8	5.4	6.2	7.0	8.6	10.2	
1.71	28	2.81	48	4.81	1021	8.72	16.01	25.47	43.68		4.9	5.7	6.5	8.1	9.7	
1.73	22	2.21	38	3.81	1013	6.73	12.35	19.66	33.71	4.7	6.3	7.0	7.8	9.4	11.0	
1.75	64	6.42	112	11.23	1000	21.02	38.57	61.39	105.26							
1.75	32	3.21	56	5.61	1000	10.07	18.47	29.40	50.41			4.7	5.5	7.1	8.7	
1.78	36	3.61	64	6.42	984	11.42	20.95	33.35	57.18					6.1	7.8	
1.80	80	8.02	144	14.44	972	26.51	48.64	77.42	132.74							
1.80	40	4.01	72	7.22	972	12.78	23.45	37.32	63.99						6.7	
1.82	44	4.41	80	8.02	963	14.15	25.96	41.31	70.84							
1.82	22	2.21	40	4.01	963	6.73	12.35	19.66	33.71	4.5	6.1	6.9	7.7	9.3	10.8	
1.83	24	2.41	44	4.41	955	7.39	13.56	21.59	37.01	4.0	5.6	6.4	7.2	8.8	10.4	
1.85	26	2.61	48	4.81	948	8.06	14.78	23.53	40.34		5.1	5.9	6.7	8.3	9.9	
1.87	30	3.01	56	5.61	938	9.40	17.24	27.43	47.04			4.9	5.7	7.3	8.9	
1.88	48	4.81	90	9.02	933	15.52	28.47	45.32	77.70							
1.88	34	3.41	64	6.42	930	10.74	19.71	31.37	53.79					6.3	7.9	
1.89	38	3.81	72	7.22	924	12.10	22.20	35.33	60.58						6.9	
2.00	72	7.22	144	14.44	875	23.77	43.62	69.42	119.03							
2.00	56	5.61	112	11.23	875	18.27	33.52	53.35	91.47							
2.00	40	4.01	80	8.02	875	12.78	23.45	37.32	63.99							
2.00	36	3.61	72	7.22	875	11.42	20.95	33.35	57.18						7.0	
2.00	32	3.21	64	6.42	875	10.07	18.47	29.40	50.41					6.4	8.0	
2.00	28	2.81	56	5.61	875	8.72	16.01	25.47	43.68			5.0	5.8	7.4	9.0	
2.00	24	2.41	48	4.81	875	7.39	13.56	21.59	37.01		5.2	6.0	6.8	8.4	10.0	
2.00	22	2.21	44	4.41	875	6.73	12.35	19.66	33.71	4.1	5.7	6.5	7.3	8.9	10.5	
2.05	44	4.41	90	9.02	856	14.15	25.96	41.31	70.84							
2.11	38	3.81	80	8.02	831	12.10	22.20	35.33	60.58						6.1	
2.12	34	3.41	72	7.22	826	10.74	19.71	31.37	53.79					5.5	7.2	
2.13	30	3.01	64	6.42	820	9.40	17.24	27.43	47.04				4.9	6.6	8.2	
2.15	26	2.61	56	5.61	813	8.06	14.78	23.53	40.34		4.3	5.1	6.0	7.6	9.2	
2.18	22	2.21	48	4.81	802	6.73	12.35	19.66	33.71	3.7	5.4	6.2	7.0	8.6	10.2	
2.22	36	3.61	80	8.02	788	11.42	20.95	33.35	57.18						6.2	
2.25	64	6.42	144	14.44	778	21.02	38.57	61.39	105.26							
Multiply HP rating by the belt length factor to determine drive width - BELT LENGTH FACTOR										0.8	0.8	0.8	0.9	0.9	0.9	

PULLEYS



High HP HTS 8mm Drive Selection Tables

Theoretical Center Distance in Inches for Various Belt Lengths																				
Belt Length Code (mm)																				
880	960	1040	1120	1200	1224	1280	1440	1600	1760	1800	2000	2200	2400	2600	2800	3048	3280	3600	4400	Drive
0.9	1	1	1	1	1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.5	1.5	Ratio
13.2	14.8	16.4	18.0	19.5	20.0	21.1	24.3	27.4	30.6	31.3	35.3	39.2	43.2	47.1	51.0	55.9	60.5	66.8	82.5	1.36
11.3	12.9	14.5	16.1	17.6	18.1	19.2	22.4	25.5	28.7	29.4	33.4	37.3	41.3	45.2	49.1	54.0	58.6	64.9	80.6	1.38
12.4	14.0	15.6	17.2	18.7	19.2	20.3	23.5	26.6	29.8	30.6	34.5	38.4	42.4	46.3	50.2	55.1	59.7	66.0	81.7	1.38
						10.0	13.1	16.3	19.5	20.3	24.2	28.1	32.1	36.0	40.0	44.9	49.4	55.7	71.5	1.40
9.7	11.3	12.9	14.5	16.0	16.5	17.6	20.8	23.9	27.1	27.9	31.8	35.7	39.7	43.6	47.6	52.4	57.0	63.3	79.1	1.40
		8.2	9.8	11.4	11.9	13.0	16.2	19.3	22.5	23.3	27.2	31.2	35.1	39.0	43.0	47.9	52.4	58.7	74.5	1.41
10.8	12.4	14.0	15.6	17.2	17.6	18.7	21.9	25.0	28.2	29.0	32.9	36.8	40.8	44.7	48.7	53.5	58.1	64.4	80.2	1.41
12.8	14.3	15.9	17.5	19.1	19.5	20.6	23.8	26.9	30.1	30.9	34.8	38.7	42.7	46.6	50.6	55.4	60.0	66.3	82.1	1.42
	8.1	9.7	11.3	12.9	13.3	14.4	17.6	20.8	23.9	24.7	28.6	32.6	36.5	40.5	44.4	49.3	53.8	60.2	75.9	1.43
12.0	13.5	15.1	16.7	18.3	18.7	19.8	23.0	26.1	29.3	30.1	34.0	38.0	41.9	45.8	49.8	54.6	59.2	65.5	81.3	1.43
8.8	10.4	11.9	13.5	15.1	15.6	16.7	19.8	23.0	26.1	26.9	30.9	34.8	38.7	42.7	46.6	51.5	56.1	62.4	78.1	1.45
13.1	14.6	16.2	17.8	19.4	19.8	20.9	24.1	27.2	30.4	31.2	35.1	39.1	43.0	46.9	50.9	55.8	60.3	66.6	82.4	1.45
12.3	13.9	15.4	17.0	18.6	19.1	20.2	23.3	26.5	29.6	30.4	34.3	38.3	42.2	46.1	50.1	55.0	59.5	65.8	81.6	1.46
9.9	11.5	13.0	14.6	16.2	16.7	17.8	20.9	24.1	27.2	28.0	32.0	35.9	39.8	43.8	47.7	52.6	57.2	63.5	79.2	1.47
11.5	13.1	14.6	16.2	17.8	18.3	19.4	22.5	25.7	28.8	29.6	33.5	37.5	41.4	45.4	49.3	54.2	58.7	65.0	80.8	1.47
7.8	9.4	11.0	12.5	14.1	14.6	15.7	18.9	22.0	25.2	26.0	29.9	33.8	37.8	41.7	45.7	50.5	55.1	61.4	77.2	1.50
11.0	12.6	14.2	15.7	17.3	17.8	18.9	22.0	25.2	28.3	29.1	33.1	37.0	40.9	44.9	48.8	53.7	58.3	64.6	80.3	1.50
12.6	14.2	15.7	17.3	18.9	19.4	20.5	23.6	26.8	29.9	30.7	34.6	38.6	42.5	46.5	50.4	55.3	59.8	66.1	81.9	1.50
12.1	13.7	15.3	16.8	18.4	18.9	20.0	23.1	26.3	29.4	30.2	34.2	38.1	42.0	46.0	49.9	54.8	59.4	65.7	81.4	1.54
12.9	14.5	16.1	17.6	19.2	19.7	20.8	23.9	27.1	30.2	31.0	35.0	38.9	42.8	46.8	50.7	55.6	60.2	66.5	82.2	1.55
					9.4	10.5	13.7	16.9	20.1	20.9	24.8	28.8	32.7	36.6	40.6	45.5	50.0	56.3	72.1	1.56
10.0	11.6	13.2	14.8	16.4	16.8	17.9	21.1	24.2	27.4	28.2	32.1	36.1	40.0	43.9	47.9	52.8	57.3	63.6	79.4	1.56
11.6	13.2	14.8	16.4	17.9	18.4	19.5	22.7	25.8	29.0	29.8	33.7	37.6	41.6	45.5	49.4	54.3	58.9	65.2	80.9	1.57
12.4	14.0	15.6	17.2	18.7	19.2	20.3	23.5	26.6	29.8	30.5	34.5	38.4	42.4	46.3	50.2	55.1	59.7	66.0	81.7	1.58
9.1	10.6	12.2	13.8	15.4	15.9	17.0	20.1	23.3	26.4	27.2	31.2	35.1	39.0	43.0	46.9	51.8	56.4	62.7	78.4	1.60
11.1	12.7	14.3	15.9	17.5	17.9	19.0	22.2	25.3	28.5	29.3	33.2	37.2	41.1	45.0	49.0	53.9	58.4	64.7	80.5	1.60
		8.8	10.4	12.0	12.5	13.6	16.8	19.9	23.1	23.9	27.8	31.8	35.7	39.7	43.6	48.5	53.0	59.4	75.1	1.61
8.1	9.7	11.3	12.8	14.4	14.9	16.0	19.2	22.3	25.5	26.3	30.2	34.1	38.1	42.0	46.0	50.9	55.4	61.7	77.5	1.64
12.7	14.3	15.9	17.5	19.0	19.5	20.6	23.8	26.9	30.1	30.9	34.8	38.7	42.7	46.6	50.6	55.4	60.0	66.3	82.0	1.64
10.2	11.8	3.3	14.9	16.5	17.0	18.1	21.2	24.4	27.5	28.3	32.3	36.2	40.1	44.1	48.0	52.9	57.5	63.8	79.5	1.65
7.1	8.7	10.3	11.9	13.5	13.9	15.0	18.2	21.4	24.5	25.3	29.3	33.2	37.1	41.1	45.0	49.9	54.5	60.8	76.5	1.67
12.3	13.8	15.4	17.0	18.6	19.0	20.1	23.3	26.4	29.6	30.4	34.3	38.3	42.2	46.1	50.1	55.0	59.5	65.8	81.6	1.67
9.2	10.8	12.4	14.0	15.5	16.0	17.1	20.3	23.4	26.6	27.4	31.3	35.3	39.2	43.1	47.1	52.0	56.5	62.8	78.6	1.68
11.8	13.4	14.9	16.5	18.1	18.6	19.7	22.8	26.0	29.1	29.9	33.9	37.8	41.7	45.7	49.6	54.5	59.1	65.4	81.1	1.69
11.3	12.9	14.5	16.0	17.6	18.1	19.2	22.3	25.5	28.6	29.4	33.4	37.3	41.3	45.2	49.1	54.0	58.6	64.9	80.6	1.71
12.6	14.2	15.7	17.3	18.9	19.4	20.5	23.6	26.8	29.9	30.7	34.6	38.6	42.5	46.5	50.4	55.3	59.8	66.1	81.9	1.73
			9.5	9.9	11.1	14.3	17.5	20.7	23.9	24.7	28.6	32.6	36.5	40.5	44.4	49.3	53.8	60.2	75.9	1.75
10.3	11.9	13.5	15.1	16.7	17.1	18.2	21.4	24.5	27.7	28.5	32.4	36.4	40.3	44.2	48.2	53.1	57.6	63.9	79.7	1.75
9.3	10.9	12.5	14.1	15.7	16.2	17.3	20.4	23.6	26.7	27.5	31.5	35.4	39.4	43.3	47.2	52.1	56.7	63.0	78.7	1.78
					13.5	16.7	17.5	21.5	25.5	26.3	30.3	34.2	38.1	42.0	46.0	50.9	55.4	61.7	77.5	1.80
8.4	10.0	11.5	13.1	14.7	15.2	16.3	19.5	22.6	25.8	26.6	30.5	34.5	38.4	42.3	46.3	51.2	55.7	62.0	77.8	1.80
7.3	9.0	10.6	12.2	13.7	14.2	15.3	18.5	21.7	24.8	25.6	29.6	33.5	37.4	41.4	45.3	50.2	54.8	61.1	76.8	1.82
12.4	14.0	15.6	17.1	18.7	19.2	20.3	23.5	26.6	29.8	30.5	34.5	38.4	42.4	46.3	50.2	55.1	59.7	66.0	81.7	1.82
11.9	13.5	15.1	16.7	18.2	18.7	19.8	23.0	26.1	29.3	30.1	34.0	37.9	41.9	45.8	49.8	54.6	59.2	65.5	81.3	1.83
11.4	13.0	14.6	16.2	17.8	18.2	19.3	22.5	25.7	28.8	29.6	33.5	37.5	41.4	45.3	49.3	54.2	58.7	65.0	80.8	1.85
10.5	12.1	13.6	15.2	16.8	17.3	18.4	21.5	24.7	27.8	28.6	32.6	36.5	40.5	44.4	48.3	53.2	57.8	64.1	79.8	1.87
	7.7	9.4	11.0	12.6	13.1	14.2	17.4	20.5	23.7	24.5	28.4	32.4	36.3	40.3	44.2	49.1	53.7	59.7	75.7	1.88
9.5	11.1	12.7	14.3	15.8	16.3	17.4	20.6	23.7	26.9	27.7	31.6	35.6	39.5	43.4	47.4	52.3	56.8	63.1	78.9	1.88
8.5	10.1	11.7	13.3	14.9	15.3	16.5	19.6	22.8	25.9	26.7	30.7	34.6	38.5	42.5	46.4	51.3	55.9	62.2	77.9	1.89
					14.0	17.3	18.1	22.1	26.1	26.9	30.9	34.8	38.7	42.7	46.6	51.5	56.1	62.4	78.1	2.00
7.6	9.2	10.8	12.4	14.0	14.5	15.6	18.8	22.0	25.1	25.9	29.9	33.8	37.7	41.7	45.6	50.5	55.1	61.4	77.1	2.00
8.6	10.2	11.8	13.4	15.0	15.5	16.6	19.8	22.9	26.1	26.9	30.8	34.8	38.7	42.6	46.6	51.5	56.0	62.3	78.1	2.00
9.6	11.2	12.8	14.4	16.0	16.5	17.6	20.7	23.9	27.0	27.8	31.8	35.7	39.7	43.6	47.5	52.4	57.0	63.3	79.0	2.00
10.6	12.2	13.8	15.4	17.0	17.4	18.5	21.7	24.8	28.0	28.8	32.7	36.7	40.6	44.5	48.5	53.4	57.9	64.2	80.0	2.00
11.6	13.2	14.8	16.3	17.9	18.4	19.5	22.7	25.8	29.0	29.7	33.7	37.6	41.6	45.5	49.4	54.3	58.9	65.2	80.9	2.00
12.1	13.7	15.2	16.8	18.4	18.9	20.0	23.1	26.3	29.4	30.2	34.2	38.1	42.0	46.0	49.9	54.8	59.4	65.7	81.4	2.00
	8.0	9.6	11.3	12.9	13.3	14.5	17.6	20.8	24.0	24.8	28.7	32.7	36.6	40.6	44.5	49.4	54.0	60.3	76.0	2.05
7.7	9.4	11.0	12.6	14.2	14.7	15.8	18.9	22.1	25.3	26.1	30.0	34.0	37.9	41.8	45.8	50.7	55.2	61.5	77.3	2.11
8.8	10.4	12.0	13.6	15.2	15.6	16.7	19.9	23.1	26.2	27.0	31.0	34.9	38.9	42.8	46.7	51.6	56.2	62.5	78.2	2.12
9.8	11.4	13.0	14.6	16.1	16.6	17.7	20.9	24.0	27.2	28.0	31.9	35.9	39.8	43.8	47.7	52.6	57.1	63.4	79.2	2.13
10.8	12.4	13.9	15.5	17.1	17.6	18.7	21.8	25.0	28.2	28.9	32.9	36.8	40.8	44.7	48.6	53.5	58.1	64.4	80.1	2.15
11.7	13.3	14.9	16.5	18.1	18.5	19.6	22.8	26.0	29.1	29.9	33.8	37.8	41.7	45.7	49.6	54.5	59.0	65.3	81.1	2.18
7.9																				

High HP HTS 8mm Drive Selection Tables



Sprocket Combination						HP Ratings @1750 RPM Driver									
Drive	Driver		Driven		DN	RPP Panther Belt Widths (mm)									
Ratio	No. Teeth	P.D.	No. Teeth	P.D.	RPM	12	22	35	60	480	560	600	640	720	800
Multiply HP rating by the belt length factor to determine drive width - BELT LENGTH FACTOR										0.8	0.8	0.8	0.9	0.9	0.9
2.25	40	4.01	90	9.02	778	12.78	23.45	37.32	63.99						
2.25	32	3.21	72	7.22	778	10.07	18.47	29.40	50.41					5.6	7.3
2.29	28	2.81	64	6.42	766	8.72	16.01	25.47	43.68			5.0	6.7	8.3	
2.33	48	4.81	112	11.23	750	15.52	28.47	45.32	77.70						
2.33	24	2.41	56	5.61	750	7.39	13.56	21.59	37.01		4.4	5.3	6.1	7.7	9.3
2.35	34	3.41	80	8.02	744	10.74	19.71	31.37	53.79						6.4
2.37	38	3.81	90	9.02	739	12.10	22.20	35.33	60.58						
2.40	80	8.02	192	19.25	729	26.51	48.64	77.42	132.74						
2.40	30	3.01	72	7.22	729	9.40	17.24	27.43	47.04					5.8	7.4
2.46	26	2.61	64	6.42	711	8.06	14.78	23.53	40.34				5.2	6.8	8.5
2.50	36	3.61	90	9.02	700	11.42	20.95	33.35	57.18						
2.50	32	3.21	80	8.02	700	10.07	18.47	29.40	50.41						6.5
2.55	44	4.41	112	11.23	688	14.15	25.96	41.31	70.84						
2.55	22	2.21	56	5.61	688	6.73	12.35	19.66	33.71		4.6	5.4	6.2	7.9	9.5
2.57	56	5.61	144	14.44	681	18.27	33.52	53.35	91.47						
2.57	28	2.81	72	7.22	681	8.72	16.01	25.47	43.68					5.9	7.6
2.65	34	3.41	90	9.02	661	10.74	19.71	31.37	53.79						
2.67	72	7.22	192	19.25	656	23.77	43.62	69.42	119.03						
2.67	30	3.01	80	8.02	656	9.40	17.24	27.43	47.04						6.6
2.67	24	2.41	64	6.42	656	7.39	13.56	21.59	37.01			4.4	5.3	7.0	8.6
2.77	26	2.61	72	7.22	632	8.06	14.78	23.53	40.34					6.0	7.7
2.80	40	4.01	112	11.23	625	12.78	23.45	37.32	63.99						
2.81	32	3.21	90	9.02	622	10.07	18.47	29.40	50.41						
2.86	28	2.81	80	8.02	613	8.72	16.01	25.47	43.68						6.7
2.91	22	2.21	64	6.42	602	6.73	12.35	19.66	33.71			4.5	5.4	7.1	8.7
2.95	38	3.81	112	11.23	594	12.10	22.20	35.33	60.58						
3.00	64	6.42	192	19.25	583	21.02	38.57	61.39	105.26						
3.00	48	4.81	144	14.44	583	15.52	28.47	45.32	77.70						
3.00	30	3.01	90	9.02	583	9.40	17.24	27.43	47.04						
3.00	24	2.41	72	7.22	583	7.39	13.56	21.59	37.01					6.1	7.8
3.08	26	2.61	80	8.02	569	8.06	14.78	23.53	40.34						6.9
3.11	36	3.61	112	11.23	563	11.42	20.95	33.35	57.18						
3.21	28	2.81	90	9.02	544	8.72	16.01	25.47	43.68						
3.27	44	4.41	144	14.44	535	14.15	25.96	41.31	70.84						
3.27	22	2.21	72	7.22	535	6.73	12.35	19.66	33.71					6.3	8.0
3.29	34	3.41	112	11.23	531	10.74	19.71	31.37	53.79						
3.33	24	2.41	80	8.02	525	7.39	13.56	21.59	37.01						7.0
3.43	56	5.61	192	19.25	510	18.27	33.52	53.35	91.47						
3.46	26	2.61	90	9.02	506	8.06	14.78	23.53	40.34						
3.50	32	3.21	112	11.23	500	10.07	18.47	29.40	50.41						
3.60	40	4.01	144	14.44	486	12.78	23.45	37.32	63.99						
3.64	22	2.21	80	8.02	481	6.73	12.35	19.66	33.71					5.3	7.1
3.73	30	3.01	112	11.23	469	9.40	17.24	27.43	47.04						
3.75	24	2.41	90	9.02	467	7.39	13.56	21.59	37.01						5.8
3.79	38	3.81	144	14.44	462	12.10	22.20	35.33	60.58						
4.00	48	4.81	192	19.25	438	15.52	28.47	45.32	77.70						
4.00	36	3.61	144	14.44	438	11.42	20.95	33.35	57.18						
4.00	28	2.81	112	11.23	438	8.72	16.01	25.47	43.68						
4.09	22	2.21	90	9.02	428	6.73	12.35	19.66	33.71						5.9
4.24	34	3.41	144	14.44	413	10.74	19.71	31.37	53.79						
4.31	26	2.61	112	11.23	406	8.06	14.78	23.53	40.34						
4.36	44	4.41	192	19.25	401	14.15	25.96	41.31	70.84						
4.50	32	3.21	144	14.44	389	10.07	18.47	29.40	50.41						
4.67	24	2.41	112	11.23	375	7.39	13.56	21.59	37.01						
4.80	40	4.01	192	19.25	365	12.78	23.45	37.32	63.99						
4.80	30	3.01	144	14.44	365	9.40	17.24	27.43	47.04						
5.05	38	3.81	192	19.25	346	12.10	22.20	35.33	60.58						
5.09	22	2.21	112	11.23	344	6.73	12.35	19.66	33.71						
5.14	28	2.81	144	14.44	340	8.72	16.01	25.47	43.68						
5.33	36	3.61	192	19.25	328	11.42	20.95	33.35	57.18						
5.54	26	2.61	144	14.44	316	8.06	14.78	23.53	40.34						
5.65	34	3.41	192	19.25	310	10.74	19.71	31.37	53.79						
6.00	32	3.21	192	19.25	292	10.07	18.47	29.40	50.41						
6.00	24	2.41	144	14.44	292	7.39	13.56	21.59	37.01						
6.40	30	3.01	192	19.25	273	9.40	17.24	27.43	47.04						
6.55	22	2.21	144	14.44	267	6.73	12.35	19.66	33.71						
6.86	28	2.81	192	19.25	255	8.72	16.01	25.47	43.68						
7.38	26	2.61	192	19.25	237	8.06	14.78	23.53	40.34						
8.00	24	2.41	192	19.25	219	7.39	13.56	21.59	37.01						
8.73	22	2.21	192	19.25	201	6.73	12.35	19.66	33.71						
Multiply HP rating by the belt length factor to determine drive width - BELT LENGTH FACTOR										0.8	0.8	0.8	0.9	0.9	0.9

PULLEYS



High HP HTS 8mm Drive Selection Tables

Theoretical Center Distance in Inches for Various Belt Lengths																					
Belt Length Code (mm)																					
880	960	1040	1120	1200	1224	1280	1440	1600	1760	1800	2000	2200	2400	2600	2800	3048	3280	3600	4400	Drive	
0.9	1	1	1	1	1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.5	1.5	Ratio	
6.6	8.3	9.9	11.5	13.2	13.6	14.8	17.9	21.1	24.3	25.1	29.0	33.0	36.9	40.9	44.8	49.7	54.3	60.6	76.3	2.25	
8.9	10.5	12.1	13.7	15.3	15.8	16.9	20.1	23.2	26.4	27.2	31.1	35.1	39.0	43.0	46.9	51.8	56.3	62.7	78.4	2.25	
9.9	11.5	13.1	14.7	16.3	16.8	17.9	21.0	24.2	27.3	28.1	32.1	36.0	40.0	43.9	47.8	52.7	57.3	63.6	79.4	2.29	
			8.9	10.5	11.0	12.2	15.4	18.6	21.8	22.6	26.6	30.5	34.5	38.5	42.4	47.3	51.9	58.2	74.0	2.33	
10.9	12.5	14.1	15.7	17.3	17.7	18.8	22.0	25.2	28.3	29.1	33.0	37.0	40.9	44.9	48.8	53.7	58.3	64.6	80.3	2.33	
8.0	9.6	11.3	12.9	14.5	14.9	16.1	19.2	22.4	25.6	26.4	30.3	34.3	38.2	42.1	46.1	51.0	55.5	61.9	77.6	2.35	
6.7	8.4	10.1	11.7	13.3	13.8	14.9	18.1	21.3	24.4	25.2	29.2	33.1	37.1	41.0	45.0	49.9	54.4	60.7	76.5	2.37	
											17.0	21.1	25.2	29.2	33.2	38.2	42.8	49.1	65.0	2.40	
9.1	10.7	12.3	13.9	15.5	15.9	17.0	20.2	23.4	26.5	27.3	31.3	35.2	39.2	43.1	47.0	51.9	56.5	62.8	78.6	2.40	
10.1	11.7	13.3	14.8	16.4	16.9	18.0	21.2	24.3	27.5	28.3	32.2	36.2	40.1	44.1	48.0	52.9	57.5	63.8	79.5	2.46	
6.9	8.5	10.2	11.8	13.4	13.9	15.0	18.2	21.4	24.6	25.4	29.3	33.3	37.2	41.2	45.1	50.0	54.6	60.9	76.7	2.50	
8.2	9.8	11.4	13.0	14.6	15.1	16.2	19.4	22.6	25.7	26.5	30.5	34.4	38.4	42.3	46.2	51.1	55.7	62.0	77.8	2.50	
			9.1	10.8	11.3	12.4	15.7	18.9	22.1	22.9	26.9	30.8	34.8	38.8	42.7	47.6	52.2	58.5	74.3	2.55	
11.1	12.6	14.2	15.8	17.4	17.9	19.0	22.1	25.3	28.5	29.2	33.2	37.1	41.1	45.0	49.0	53.8	58.4	64.7	80.5	2.55	
							11.8	15.1	18.4	19.2	23.2	27.2	31.2	35.2	39.1	44.0	48.6	54.9	70.7	2.57	
9.2	10.8	12.4	14.0	15.6	16.1	17.2	20.4	23.5	26.7	27.5	31.4	35.4	39.3	43.3	47.2	52.1	56.7	63.0	78.7	2.57	
7.0	8.7	10.3	12.0	13.6	14.1	15.2	18.4	21.6	24.7	25.5	29.5	33.4	37.4	41.3	45.3	50.2	54.7	61.0	76.8	2.65	
										13.3	17.5	21.7	25.8	29.8	33.8	38.7	43.4	49.7	65.6	2.67	
8.3	9.9	11.5	13.2	14.8	15.2	16.3	19.5	22.7	25.9	26.7	30.6	34.6	38.5	42.5	46.4	51.3	55.9	62.2	77.9	2.67	
10.2	11.8	13.4	15.0	16.6	17.1	18.2	21.3	24.5	27.6	28.4	32.4	36.3	40.3	44.2	48.2	53.0	57.6	63.9	79.7	2.67	
9.3	10.9	12.5	14.1	15.7	16.2	17.3	20.5	23.7	26.8	27.6	31.6	35.5	39.5	43.4	47.4	52.2	56.8	63.1	78.9	2.77	
		7.6	9.4	11.1	11.6	12.7	16.0	19.2	22.4	23.2	27.2	31.1	35.1	39.1	43.0	47.9	52.5	58.8	74.6	2.80	
7.1	8.8	10.5	12.1	13.7	14.2	15.3	18.5	21.7	24.9	25.7	29.6	33.6	37.5	41.5	45.4	50.3	54.9	61.2	77.0	2.81	
8.4	10.1	11.7	13.3	14.9	15.4	16.5	19.7	22.8	26.0	26.8	30.8	34.7	38.7	42.6	46.5	51.4	56.0	62.3	78.1	2.86	
10.3	11.9	13.5	15.1	16.7	17.2	18.3	21.5	24.6	27.8	28.6	32.5	36.5	40.4	44.4	48.3	53.2	57.8	64.1	79.8	2.91	
		7.8	9.5	11.2	11.7	12.9	16.1	19.3	22.5	23.3	27.3	31.3	35.2	39.2	43.2	48.1	52.6	58.9	74.7	2.95	
									12.9	13.8	18.1	22.2	26.3	30.3	34.4	39.3	43.9	50.3	66.2	3.00	
7.2	8.9	10.6	12.2	13.9	14.3	15.5	18.7	21.8	25.0	25.8	29.8	33.7	37.7	41.6	45.6	50.5	55.0	61.3	77.1	3.00	
9.5	11.1	12.7	14.3	15.9	16.4	17.5	20.7	23.8	27.0	27.8	31.7	35.7	39.6	43.6	47.5	52.4	57.0	63.3	79.0	3.00	
8.5	10.2	11.8	13.4	15.0	15.5	16.6	19.8	23.0	26.2	27.0	30.9	34.9	38.8	42.8	46.7	51.6	56.2	62.5	78.2	3.08	
		7.9	9.6	11.3	11.8	13.0	16.2	19.5	22.7	23.5	27.5	31.4	35.4	39.3	43.3	48.2	52.8	59.1	74.9	3.11	
7.4	9.1	10.7	12.4	14.0	14.5	15.6	18.8	22.0	25.2	26.0	29.9	33.9	37.8	41.8	45.7	50.6	55.2	61.5	77.3	3.21	
							12.5	15.9	19.2	20.0	24.0	28.1	32.1	36.0	40.0	44.9	49.5	55.8	71.6	3.27	
9.6	11.2	12.8	14.4	16.0	16.5	17.6	20.8	24.0	27.1	27.9	31.9	35.8	39.8	43.7	47.7	52.5	57.1	63.4	79.2	3.27	
		8.0	9.8	11.5	12.0	13.1	16.4	19.6	22.8	23.6	27.6	31.6	35.5	39.5	43.5	48.4	52.9	59.2	75.0	3.29	
8.7	10.3	12.0	13.6	15.2	15.7	16.8	20.0	23.1	26.3	27.1	31.1	35.0	39.0	42.9	46.9	51.7	56.3	62.6	78.4	3.33	
									13.3	14.2	18.6	22.8	26.9	30.9	34.9	39.9	44.5	50.9	66.7	3.43	
7.5	9.2	10.9	12.5	14.1	14.6	15.7	18.9	22.1	25.3	26.1	30.1	34.0	38.0	41.9	45.9	50.8	55.3	61.7	77.4	3.46	
		8.1	9.9	11.6	12.1	13.3	16.5	19.8	23.0	23.8	27.7	31.7	35.7	39.6	43.6	48.5	53.1	59.4	75.2	3.50	
							12.8	16.2	19.5	20.3	24.3	28.3	32.3	36.3	40.3	45.2	49.8	56.1	71.9	3.60	
8.8	10.5	12.1	13.7	15.3	15.8	16.9	20.1	23.3	26.5	27.3	31.2	35.2	39.1	43.1	47.0	51.9	56.5	62.8	78.5	3.64	
		8.2	10.0	11.7	12.2	13.4	16.7	19.9	23.1	23.9	27.9	31.9	35.8	39.8	43.7	48.7	53.2	59.5	75.3	3.73	
7.6	9.3	11.0	12.6	14.3	14.8	15.9	19.1	22.3	25.5	26.3	30.2	34.2	38.1	42.1	46.0	50.9	55.5	61.8	77.6	3.75	
					9.3	12.9	16.3	19.6	23.0	24.5	28.5	32.5	36.5	40.4	45.4	50.0	56.3	72.1	3.79		
							13.8	17.1	20.4	21.9	25.9	29.9	33.9	37.9	41.9	46.8	51.5	57.8	73.6	4.00	
							9.4	13.0	16.4	17.9	20.5	24.6	28.6	32.6	36.6	40.6	45.5	50.1	56.4	72.2	4.00
							13.5	16.8	20.2	23.2	24.0	28.0	32.0	36.0	39.9	43.9	48.8	53.4	59.7	75.5	4.00
							16.0	19.2	22.4	25.6	26.4	30.4	34.3	38.3	42.2	46.2	51.1	55.6	62.0	77.7	4.09
							9.5	13.2	16.6	19.9	20.7	24.7	28.8	32.8	36.8	40.7	45.7	50.3	56.6	72.4	4.24
							13.6	16.9	20.2	23.4	24.2	28.2	32.2	36.1	40.1	44.0	48.9	53.5	59.8	75.6	4.31
									14.1	15.0	19.4	23.6	27.7	31.7	35.8	40.7	45.4	51.8	67.6	4.36	
							9.7	13.3	16.7	20.0	20.8	24.9	28.9	32.9	36.9	40.9	45.8	50.4	56.7	72.5	4.50
							13.8	17.1	20.3	23.5	24.3	28.3	32.3	36.3	40.2	44.2	49.1	53.7	60.0	75.8	4.67
							14.3	15.2	19.6	23.8	27.9	32.0	36.0	40.0	44.0	48.0	52.0	57.9	73.8	4.80	
							9.8	13.4	16.8	20.1	21.0	25.0	29.0	33.1	37.0	41.0	45.9	50.5	56.9	72.7	4.80
									14.4	15.3	19.7	23.9	28.1	32.1	36.2	41.2	45.8	52.2	68.1	5.05	
									14.5	15.5	19.9	24.1	28.2	32.2	36.2	41.2	46.1	52.5	68.5	5.14	
	6.8	8.7	10.5	12.2	12.7	13.9	17.2	20.5	23.7	24.5	28.5	32.4	36.4	40.4	44.3	49.2	53.8	60.2	75.9	5.09	
							9.9	13.5	16.9	20.3	21.1	25.2	29.2	33.2	37.2	41.2	46.1	50.7	57.0	72.8	5.14
									14.5	15.5	19.9	24.1	28.2	32.3	36.3	41.3	46.0	52.3	68.2	5.33	
									14.7	15.6	20.0	24.2	28.3	32.4	36.5	41.5	46.1	52.5	68.4	5.54	
									14.8	15.7	20.1	24.3	28.5	32.6	36.6	41.6	46.2	52.6	68.5	6.00	
									14.9	15.8	20.2	24.5	28.6	32.7	36.7	41.7	46.4	52.8	68.7	6.40	
									15.0	15.9	20.4	24.6	28.7	32.8	36.9	41.9	46.5	52.9	68.8	6.55	
									15.1	16.1	20.5	24.7	28.9	33.0	37.0	42.0	46.7	53.1	69.0	6.86	
									15.3	16.2	20.6	24.9	29.0	33.1	37.2	42.2	46.8	53.2	69.1	7.38	
									15.4	16.3	20.7	25.0	29.1	33.2	37.3	42.3	46.9	53.3	69.2	8.00	
																				8.73	
0.9	1	1	1	1	1																

High HP HTS 14mm Drive Selection Tables



Sprocket Combination					HP Ratings @1750 RPM Driver						HP Ratings@1160 RPM					
Drive Ratio	Driver		Driven		DN RPM	RPP Panther Belt Widths (mm)					DN RPM	RPP Panther Belt Widths (mm)				
	No. Teeth	P.D.	No. Teeth	P.D.		20	42	65	90	120		20	42	65	90	120
Multiply HP rating by the belt length factor to determine drive width - BELT LENGTH FACTOR																
1.00	80	14.04	80	14.04	1750						1160	97.34	204.63	316.79	438.71	585.01
1.00	72	12.63	72	12.63	1750	114.01	239.67	371.04	513.84	685.19	1160	88.19	185.40	287.03	397.49	530.05
1.00	68	11.93	68	11.93	1750	108.63	228.36	353.54	489.60	652.87	1160	83.54	175.62	271.89	376.53	502.09
1.00	64	11.23	64	11.23	1750	103.08	216.69	335.47	464.58	619.51	1160	78.84	165.74	256.60	355.35	473.85
1.00	60	10.53	60	10.53	1750	97.37	204.69	316.89	438.84	585.19	1160	74.10	155.77	241.16	333.97	445.34
1.00	56	9.83	56	9.83	1750	91.51	192.37	297.82	412.43	549.97	1160	69.31	145.71	225.58	312.40	416.58
1.00	52	9.12	52	9.12	1750	85.51	179.76	278.29	385.39	513.91	1160	64.49	135.57	209.88	290.65	387.58
1.00	48	8.42	48	8.42	1750	79.38	166.87	258.34	357.77	477.08	1160	59.63	125.36	194.07	268.75	358.38
1.00	44	7.72	44	7.72	1750	73.13	153.74	238.02	329.62	439.54	1160	54.74	115.07	178.15	246.71	328.99
1.00	40	7.02	40	7.02	1750	66.78	140.39	217.34	300.98	401.35	1160	49.82	104.73	162.14	224.54	299.42
1.00	38	6.67	38	6.67	1750	63.57	133.63	206.88	286.50	382.04	1160	47.35	99.54	154.10	213.41	284.58
1.00	36	6.32	36	6.32	1750	60.33	126.83	196.35	271.91	362.59	1160	44.88	94.34	146.05	202.26	269.71
1.00	34	5.97	34	5.97	1750	57.07	119.98	185.75	257.23	343.02	1160	42.40	89.12	137.98	191.08	254.80
1.00	32	5.61	32	5.61	1750	53.80	113.09	175.08	242.46	323.32	1160	39.91	83.90	129.89	179.88	239.86
1.00	30	5.26	30	5.26	1750	50.50	106.16	164.36	227.61	303.52	1160	37.42	78.67	121.79	168.66	224.90
1.00	29	5.09	29	5.09	1750	48.85	102.69	158.97	220.16	293.57	1160	36.17	76.05	117.73	163.04	217.41
1.00	28	4.91	28	4.91	1750	47.19	99.20	153.58	212.68	283.61	1160	34.93	73.42	113.67	157.42	209.91
1.03	29	5.09	30	5.26	1692	48.85	102.69	158.97	220.16	293.57	1121	36.17	76.05	117.73	163.04	217.41
1.04	28	4.91	29	5.09	1690	47.19	99.20	153.58	212.68	283.61	1120	34.93	73.42	113.67	157.42	209.91
1.05	38	6.67	40	7.02	1663	63.57	133.63	206.88	286.50	382.04	1102	47.35	99.54	154.10	213.41	284.58
1.06	36	6.32	38	6.67	1658	60.33	126.83	196.35	271.91	362.59	1099	44.88	94.34	146.05	202.26	269.71
1.06	68	11.93	72	12.63	1653	108.63	228.36	353.54	489.60	652.87	1096	83.54	175.62	271.89	376.53	502.09
1.06	34	5.97	36	6.32	1653	57.07	119.98	185.75	257.23	343.02	1096	42.40	89.12	137.98	191.08	254.80
1.06	64	11.23	68	11.93	1647	103.08	216.69	335.47	464.58	619.51	1092	78.84	165.74	256.60	355.35	473.85
1.06	32	5.61	34	5.97	1647	53.80	113.09	175.08	242.46	323.32	1092	39.91	83.90	129.89	179.88	239.86
1.07	60	10.53	64	11.23	1641	97.37	204.69	316.89	438.84	585.19	1088	74.10	155.77	241.16	333.97	445.34
1.07	30	5.26	32	5.61	1641	50.50	106.16	164.36	227.61	303.52	1088	37.42	78.67	121.79	168.66	224.90
1.07	56	9.83	60	10.53	1633	91.51	192.37	297.82	412.43	549.97	1083	69.31	145.71	225.58	312.40	416.58
1.07	28	4.91	30	5.26	1633	47.19	99.20	153.58	212.68	283.61	1083	34.93	73.42	113.67	157.42	209.91
1.08	52	9.12	56	9.83	1625	85.51	179.76	278.29	385.39	513.91	1077	64.49	135.57	209.88	290.65	387.58
1.08	48	8.42	52	9.12	1615	79.38	166.87	258.34	357.77	477.08	1071	59.63	125.36	194.07	268.75	358.38
1.09	44	7.72	48	8.42	1604	73.13	153.74	238.02	329.62	439.54	1063	54.74	115.07	178.15	246.71	328.99
1.10	40	7.02	44	7.72	1591	66.78	140.39	217.34	300.98	401.35	1055	49.82	104.73	162.14	224.54	299.42
1.10	29	5.09	32	5.61	1586	48.85	102.69	158.97	220.16	293.57	1051	36.17	76.05	117.73	163.04	217.41
1.11	72	12.63	80	14.04	1575	114.01	239.67	371.04	513.84	685.19	1044	88.19	185.40	287.03	397.49	530.05
1.11	36	6.32	40	7.02	1575	60.33	126.83	196.35	271.91	362.59	1044	44.88	94.34	146.05	202.26	269.71
1.12	34	5.97	38	6.67	1566	57.07	119.98	185.75	257.23	343.02	1038	42.40	89.12	137.98	191.08	254.80
1.13	64	11.23	72	12.63	1556	103.08	216.69	335.47	464.58	619.51	1031	78.84	165.74	256.60	355.35	473.85
1.13	32	5.61	36	6.32	1556	53.80	113.09	175.08	242.46	323.32	1031	39.91	83.90	129.89	179.88	239.86
1.13	80	14.04	90	15.79	1556						1031	97.34	204.63	316.79	438.71	585.01
1.13	60	10.53	68	11.93	1544	97.37	204.69	316.89	438.84	585.19	1024	74.10	155.77	241.16	333.97	445.34
1.13	30	5.26	34	5.97	1544	50.50	106.16	164.36	227.61	303.52	1024	37.42	78.67	121.79	168.66	224.90
1.14	56	9.83	64	11.23	1531	91.51	192.37	297.82	412.43	549.97	1015	69.31	145.71	225.58	312.40	416.58
1.14	28	4.91	32	5.61	1531	47.19	99.20	153.58	212.68	283.61	1015	34.93	73.42	113.67	157.42	209.91
1.15	52	9.12	60	10.53	1517	85.51	179.76	278.29	385.39	513.91	1005	64.49	135.57	209.88	290.65	387.58
1.16	38	6.67	44	7.72	1511	63.57	133.63	206.88	286.50	382.04	1002	47.35	99.54	154.10	213.41	284.58
1.17	48	8.42	56	9.83	1500	79.38	166.87	258.34	357.77	477.08	994	59.63	125.36	194.07	268.75	358.38
1.17	29	5.09	34	5.97	1493	48.85	102.69	158.97	220.16	293.57	989	36.17	76.05	117.73	163.04	217.41
1.18	68	11.93	80	14.04	1488	108.63	228.36	353.54	489.60	652.87	986	83.54	175.62	271.89	376.53	502.09
1.18	34	5.97	40	7.02	1488	57.07	119.98	185.75	257.23	343.02	986	42.40	89.12	137.98	191.08	254.80
1.18	44	7.72	52	9.12	1481	73.13	153.74	238.02	329.62	439.54	982	54.74	115.07	178.15	246.71	328.99
1.19	32	5.61	38	6.67	1474	53.80	113.09	175.08	242.46	323.32	977	39.91	83.90	129.89	179.88	239.86
1.20	60	10.53	72	12.63	1458	97.37	204.69	316.89	438.84	585.19	967	74.10	155.77	241.16	333.97	445.34
1.20	40	7.02	48	8.42	1458	66.78	140.39	217.34	300.98	401.35	967	49.82	104.73	162.14	224.54	299.42
1.20	30	5.26	36	6.32	1458	50.50	106.16	164.36	227.61	303.52	967	37.42	78.67	121.79	168.66	224.90
1.21	56	9.83	68	11.93	1441	91.51	192.37	297.82	412.43	549.97	955	69.31	145.71	225.58	312.40	416.58
1.21	28	4.91	34	5.97	1441	47.19	99.20	153.58	212.68	283.61	955	34.93	73.42	113.67	157.42	209.91
1.22	36	6.32	44	7.72	1432	60.33	126.83	196.35	271.91	362.59	949	44.88	94.34	146.05	202.26	269.71
1.23	52	9.12	64	11.23	1422	85.51	179.76	278.29	385.39	513.91	943	64.49	135.57	209.88	290.65	387.58
1.24	29	5.09	36	6.32	1410	48.85	102.69	158.97	220.16	293.57	934	36.17	76.05	117.73	163.04	217.41
1.25	72	12.63	90	15.79	1400	114.01	239.67	371.04	513.84	685.19	928	88.19	185.40	287.03	397.49	530.05
1.25	64	11.23	80	14.04	1400	103.08	216.69	335.47	464.58	619.51	928	78.84	165.74	256.60	355.35	473.85
1.25	48	8.42	60	10.53	1400	79.38	166.87	258.34	357.77	477.08	928	59.63	125.36	194.07	268.75	358.38
1.25	32	5.61	40	7.02	1400	53.80	113.09	175.08	242.46	323.32	928	39.91	83.90	129.89	179.88	239.86
1.26	38	6.67	48	8.42	1385	63.57	133.63	206.88	286.50	382.04	918	47.35	99.54	154.10	213.41	284.58
1.27	30	5.26	38	6.67	1382	50.50	106.16	164.36	227.61	303.52	916	37.42	78.67	121.79	168.66	224.90
Multiply HP rating by the belt length factor to determine drive width - BELT LENGTH FACTOR																

PULLEYS



High HP HTS 14mm Drive Selection Tables

Theoretical Center Distance in Inches for Various Belt Lengths																			
Belt Length Code (mm)																			
966	1190	1400	1610	1778	1890	2100	2310	2450	2590	2800	3150	3360	3500	3850	4326	4578	4956	Drive	
0.8	0.8	0.9	0.9	0.95	0.95	1	1	1.05	1.05	1.1	1.1	1.15	1.15	1.2	1.2	1.25	1.25	Ratio	
				15.2	15.2	19.3	23.4	26.2	28.9	33.1	40.0	44.1	46.9	53.7	63.1	68.1	75.5	1.00	
			13.0	16.3	17.4	21.5	25.6	28.4	31.1	35.3	42.2	46.3	49.1	55.9	65.3	70.3	77.7	1.00	
			14.1	17.4	19.6	22.6	26.7	29.5	32.2	36.4	43.3	47.4	50.2	57.1	66.4	71.4	78.8	1.00	
		11.0	15.2	18.5	20.7	23.7	27.8	30.6	33.4	37.5	44.4	48.5	51.3	58.2	67.5	72.5	79.9	1.00	
				20.7	24.8	28.9	31.7	34.5	38.6	45.5	49.6	52.4	59.3	68.6	73.6	81.0	1.00		
		12.1	16.3	19.6	21.8	25.9	30.0	32.8	35.6	39.7	46.6	50.7	53.5	60.4	69.7	74.7	82.1	1.00	
		13.2	17.4	20.7	22.9	27.0	31.1	33.9	36.7	40.8	47.7	51.8	54.6	61.5	70.8	75.8	83.2	1.00	
	10.2	14.3	18.5	21.8	24.0	28.1	32.2	35.0	37.8	41.9	48.8	52.9	55.7	62.6	71.9	76.9	84.3	1.00	
	11.3	15.4	19.6	22.9	25.1	29.2	33.4	36.1	38.9	43.0	49.9	54.0	56.8	63.7	73.0	78.0	85.4	1.00	
8.0	12.4	16.5	20.7	24.0	26.2	30.3	34.5	37.2	40.0	44.1	51.0	55.1	57.9	64.8	74.1	79.1	86.5	1.00	
8.5	13.0	17.1	21.2	24.5	26.7	30.9	35.0	37.8	40.5	44.7	51.5	55.7	58.4	65.3	74.7	79.7	87.1	1.00	
9.1	13.5	17.6	21.8	25.1	27.3	31.4	35.6	38.3	41.1	45.2	52.1	56.2	59.0	65.9	75.2	80.2	87.6	1.00	
9.7	14.1	18.2	22.3	25.6	27.8	32.0	36.1	38.9	41.6	45.8	52.6	56.8	59.5	66.4	75.8	80.8	88.2	1.00	
10.2	14.6	18.7	22.9	26.2	28.4	32.5	36.7	39.4	42.2	46.3	53.2	57.3	60.1	67.0	76.3	81.3	88.7	1.00	
10.8	15.2	19.3	23.4	26.7	28.9	33.1	37.2	40.0	42.7	46.9	53.7	57.9	60.6	67.5	76.9	81.9	89.3	1.00	
11.0	15.4	19.6	23.7	27.0	29.2	33.4	37.5	40.2	43.0	47.1	54.0	58.2	60.9	67.8	77.2	82.1	89.6	1.00	
11.3	15.7	19.8	24.0	27.3	29.5	33.6	37.8	40.5	43.3	47.4	54.3	58.4	61.2	68.1	77.4	82.4	89.8	1.00	
10.9	15.3	19.4	23.6	26.9	29.1	33.2	37.3	40.1	42.9	47.0	53.9	58.0	60.8	67.7	77.0	82.0	89.4	1.03	
11.2	15.6	19.7	23.8	27.2	29.4	33.5	37.6	40.4	43.1	47.3	54.2	58.3	61.0	67.9	77.3	82.3	89.7	1.04	
8.3	12.7	16.8	20.9	24.3	26.5	30.6	34.7	37.5	40.2	44.4	51.3	55.4	58.2	65.0	74.4	79.4	86.8	1.05	
8.8	13.2	17.4	21.5	24.8	27.0	31.1	35.3	38.0	40.8	44.9	51.8	55.9	58.7	65.6	75.0	79.9	87.4	1.06	
			12.4	15.7	17.9	22.0	26.2	28.9	31.7	35.8	42.7	46.9	49.6	56.5	65.9	70.8	78.3	1.06	
9.4	13.8	17.9	22.1	25.4	27.6	31.7	35.8	38.6	41.3	45.5	52.4	56.5	59.3	66.1	75.5	80.5	87.9	1.06	
			13.5	16.8	19.0	23.2	27.3	30.0	32.8	36.9	43.8	48.0	50.7	57.6	67.0	71.9	79.4	1.06	
9.9	14.3	18.5	22.6	25.9	28.1	32.2	36.4	39.1	41.9	46.0	52.9	57.1	59.8	66.7	76.1	81.0	88.5	1.06	
			14.6	17.9	20.1	24.3	28.4	31.1	33.9	38.0	44.9	49.1	51.8	58.7	68.1	73.0	80.5	1.07	
10.5	14.9	19.0	23.2	26.5	28.7	32.8	36.9	39.7	42.4	46.6	53.5	57.6	60.4	67.2	76.6	81.6	89.0	1.07	
			11.6	15.7	19.0	21.2	25.4	29.5	32.2	35.0	42.0	46.0	50.2	52.9	59.8	69.2	74.1	81.6	1.07
11.0	15.4	19.6	23.7	27.0	29.2	33.4	37.5	40.2	43.0	47.1	54.0	58.2	60.9	67.8	77.2	82.1	89.6	1.07	
			12.7	16.8	20.1	22.3	26.5	30.6	33.3	36.1	43.1	47.1	51.3	54.0	60.9	70.3	75.2	82.7	1.08
	9.6	13.8	17.9	21.2	23.4	27.6	31.7	34.5	37.2	41.3	48.2	52.4	55.1	62.0	71.4	76.3	83.8	1.08	
	10.7	14.9	19.0	22.3	24.5	28.7	32.8	35.6	38.3	42.4	49.3	53.5	56.2	63.1	72.5	77.4	84.9	1.09	
7.4	11.9	16.0	20.1	23.4	25.6	29.8	33.9	36.7	39.4	43.5	50.4	54.6	57.3	64.2	73.6	78.5	86.0	1.10	
10.6	15.0	19.2	23.3	26.6	28.8	32.9	37.1	39.8	42.6	46.7	53.6	57.7	60.5	67.4	76.8	81.7	89.2	1.10	
			14.0	16.2	20.4	24.5	27.3	30.0	34.2	41.1	45.2	48.0	54.8	64.2	69.2	76.6	1.11		
8.5	12.6	17.1	21.2	24.5	26.7	30.9	35.0	37.8	40.5	44.6	51.5	55.7	58.4	65.3	74.7	79.7	87.1	1.11	
9.1	13.5	17.6	21.8	25.1	27.3	31.4	35.6	38.3	41.1	45.2	52.1	56.2	59.0	65.9	75.2	80.2	87.6	1.12	
			12.9	16.2	18.5	22.6	26.7	29.5	32.2	36.4	43.3	47.4	50.2	57.0	66.4	71.4	78.8	1.13	
9.6	14.1	18.2	22.3	25.6	27.8	32.0	36.1	38.9	41.6	45.8	52.6	56.8	59.5	66.4	75.8	80.8	88.2	1.13	
			17.9	22.0	24.8	27.6	31.7	34.5	37.2	41.3	48.2	52.4	55.1	62.0	71.4	76.3	83.8	1.13	
10.2	14.6	18.7	22.9	26.2	28.4	32.5	36.7	39.4	42.2	46.3	53.2	57.3	60.1	67.0	76.3	81.3	88.7	1.13	
			11.0	15.1	18.5	20.7	24.8	28.9	31.7	34.4	38.6	45.5	49.6	52.4	59.3	68.6	73.6	81.0	1.14
10.7	15.2	19.3	23.4	26.7	28.9	33.1	37.2	40.0	42.7	46.9	53.7	57.9	60.6	67.5	76.9	81.9	89.3	1.14	
			12.1	16.2	19.6	21.8	25.9	30.0	32.8	35.5	39.7	46.6	50.7	53.5	60.4	69.7	74.7	82.1	1.15
7.7	12.1	16.3	20.4	23.7	25.9	30.0	34.2	36.9	39.7	43.8	50.7	54.8	57.6	64.5	73.9	78.8	86.3	1.16	
			13.2	17.4	20.7	22.9	27.0	31.1	33.9	36.7	40.8	47.7	51.8	54.6	61.5	70.8	75.8	83.2	1.17
10.3	14.7	18.9	23.0	26.3	28.5	32.7	36.8	39.5	42.3	46.4	53.3	57.5	60.2	67.1	76.5	81.4	88.9	1.17	
			14.6	16.8	20.9	25.1	27.8	30.6	34.7	41.6	45.7	48.5	55.4	64.8	69.7	77.2	1.18		
8.8	13.2	17.4	21.5	24.8	27.0	31.1	35.3	38.0	40.8	44.9	51.8	55.9	58.7	65.6	75.0	79.9	87.4	1.18	
			10.2	14.3	18.5	21.8	24.0	28.1	32.2	35.0	42.0	46.0	50.2	52.9	59.8	69.2	74.1	81.6	1.21
9.4	13.8	17.9	22.0	25.4	27.6	31.7	35.8	38.6	41.3	45.5	52.4	56.5	59.3	66.1	75.5	80.5	87.9	1.19	
			11.3	15.4	19.6	22.9	25.1	29.2	33.3	36.1	43.1	47.1	51.3	54.0	60.9	70.3	75.2	82.7	1.25
9.9	14.3	18.5	22.6	25.9	28.1	32.2	36.4	39.1	41.9	46.0	52.9	57.0	59.8	66.7	76.1	81.0	88.5	1.20	
			14.6	17.9	20.1	24.3	28.4	31.1	33.9	38.0	44.9	49.0	51.8	58.7	68.1	73.0	80.5	1.21	
10.5	14.9	19.0	23.1	26.5	28.7	32.8	36.9	39.7	42.4	46.6	53.5	57.6	60.4	67.2	76.6	81.6	89.0	1.21	
8.0	12.4	16.5	20.7	24.0	26.2	30.3	34.4	37.2	40.0	44.1	51.0	55.1	57.9	64.8	74.1	79.1	86.5	1.22	
			11.5	15.7	19.0	21.2	25.3	29.5	32.2	35.0	42.0	46.0	50.2	52.9	59.8	69.2	74.1	81.6	1.23
10.0	14.5	18.6	22.7	26.0	28.2	32.4	36.5	39.3	42.0	46.2	53.1	57.2	59.9	66.8	76.2	81.2	88.6	1.24	
				15.1	17.3	21.5	25.6	28.4	31.1	35.3	42.1	46.3	49.0	55.9	65.3	70.3	77.7	1.25	
		12.6	16.8	20.1	22.3	26.4	30.6	33.3	36.1	40.2	47.1	51.3	54.0	60.9	70.3	75.2	82.7	1.25	
9.1	13.5	17.6	21.8	25.1	27.3	31.4	35.5	38.3	41.1	45.2	52.1	56.2	59.0	65.9	75.2	80.2	87.6	1.25	
		11.5	15.7	19.8	23.1	25.3	29.5	33.6	36.4	39.1	43.3	50.2	54.3	57.0	63.9	73.3	78.3	85.7	1.26
9.6	14.0	18.2	22.3	25.6	27.8	32.0	36.1	38.9	41.6	45.7	52.6	56.8	59.5	66.4	75.8	80.7	88.2	1.27	
966	1190	1400	1610	1778	1890	2100	2310	2450	2590	2800	3150	3360	3500	3850	4326	4578	4956	Drive Ratio	

High HP HTS 14mm Drive Selection Tables



Sprocket Combination					HP Ratings @1750 RPM Driver						HP Ratings@1160 RPM					
Drive Ratio	Driver		Driven		DN RPM	RPP Panther Belt Widths (mm)					DN RPM	RPP Panther Belt Widths (mm)				
	No. Teeth	P.D.	No. Teeth	P.D.		20	42	65	90	120		20	42	65	90	120
Multiply HP rating by the belt length factor to determine drive width - BELT LENGTH FACTOR																
1.27	44	7.72	56	9.83	1375	73.13	153.74	238.02	329.62	439.54	911	54.74	115.07	178.15	246.71	328.99
1.29	56	9.83	72	12.63	1361	91.51	192.37	297.82	412.43	549.97	902	69.31	145.71	225.58	312.40	416.58
1.29	28	4.91	36	6.32	1361	47.19	99.20	153.58	212.68	283.61	902	34.93	73.42	113.67	157.42	209.91
1.29	34	5.97	44	7.72	1352	57.07	119.98	185.75	257.23	343.02	896	42.40	89.12	137.98	191.08	254.80
1.30	40	7.02	52	9.12	1346	66.78	140.39	217.34	300.98	401.35	892	49.82	104.73	162.14	224.54	299.42
1.31	52	9.12	68	11.93	1338	85.51	179.76	278.29	385.39	513.91	887	64.49	135.57	209.88	290.65	387.58
1.31	29	5.09	38	6.67	1336	48.85	102.69	158.97	220.16	293.57	885	36.17	76.05	117.73	163.04	217.41
1.32	68	11.93	90	15.79	1322	108.63	228.36	353.54	489.60	652.87	876	83.54	175.62	271.89	376.53	502.09
1.33	60	10.53	80	14.04	1313	97.37	204.69	316.89	438.84	585.19	870	74.10	155.77	241.16	333.97	445.34
1.33	48	8.42	64	11.23	1313	79.38	166.87	258.34	357.77	477.08	870	59.63	125.36	194.07	268.75	358.38
1.33	36	6.32	48	8.42	1313	60.33	126.83	196.35	271.91	362.59	870	44.88	94.34	146.05	202.26	269.71
1.33	30	5.26	40	7.02	1313	50.50	106.16	164.36	227.61	303.52	870	37.42	78.67	121.79	168.66	224.90
1.36	28	4.91	38	6.67	1289	47.19	99.20	153.58	212.68	283.61	855	34.93	73.42	113.67	157.42	209.91
1.36	44	7.72	60	10.53	1283	73.13	153.74	238.02	329.62	439.54	851	54.74	115.07	178.15	246.71	328.99
1.37	38	6.67	52	9.12	1279	63.57	133.63	206.88	286.50	382.04	848	47.35	99.54	154.10	213.41	284.58
1.38	32	5.61	44	7.72	1273	53.80	113.09	175.08	242.46	323.32	844	39.91	83.90	129.89	179.88	239.86
1.38	29	5.09	40	7.02	1269	48.85	102.69	158.97	220.16	293.57	841	36.17	76.05	117.73	163.04	217.41
1.38	52	9.12	72	12.63	1264	85.51	179.76	278.29	385.39	513.91	838	64.49	135.57	209.88	290.65	387.58
1.40	80	14.04	112	19.65	1250	103.08	216.69	335.47	464.58	619.51	829	97.34	204.63	316.79	438.71	585.01
1.40	40	7.02	56	9.83	1250	66.78	140.39	217.34	300.98	401.35	829	49.82	104.73	162.14	224.54	299.42
1.41	64	11.23	90	15.79	1244	103.08	216.69	335.47	464.58	619.51	825	78.84	165.74	256.60	355.35	473.85
1.41	34	5.97	48	8.42	1240	57.07	119.98	185.75	257.23	343.02	822	42.40	89.12	137.98	191.08	254.80
1.42	48	8.42	68	11.93	1235	79.38	166.87	258.34	357.77	477.08	819	59.63	125.36	194.07	268.75	358.38
1.43	56	9.83	80	14.04	1225	91.51	192.37	297.82	412.43	549.97	812	69.31	145.71	225.58	312.40	416.58
1.43	28	4.91	40	7.02	1225	47.19	99.20	153.58	212.68	283.61	812	34.93	73.42	113.67	157.42	209.91
1.44	36	6.32	52	9.12	1212	60.33	126.83	196.35	271.91	362.59	803	44.88	94.34	146.05	202.26	269.71
1.45	44	7.72	64	11.23	1203	73.13	153.74	238.02	329.62	439.54	798	54.74	115.07	178.15	246.71	328.99
1.47	30	5.26	44	7.72	1193	50.50	106.16	164.36	227.61	303.52	791	37.42	78.67	121.79	168.66	224.90
1.47	38	6.67	56	9.83	1188	63.57	133.63	206.88	286.50	382.04	787	47.35	99.54	154.10	213.41	284.58
1.50	60	10.53	90	15.79	1167	97.37	204.69	316.89	438.84	585.19	773	74.10	155.77	241.16	333.97	445.34
1.50	48	8.42	72	12.63	1167	79.38	166.87	258.34	357.77	477.08	773	59.63	125.36	194.07	268.75	358.38
1.50	40	7.02	60	10.53	1167	66.78	140.39	217.34	300.98	401.35	773	49.82	104.73	162.14	224.54	299.42
1.50	32	5.61	48	8.42	1167	53.80	113.09	175.08	242.46	323.32	773	39.91	83.90	129.89	179.88	239.86
1.52	29	5.09	44	7.72	1153	48.85	102.69	158.97	220.16	293.57	765	36.17	76.05	117.73	163.04	217.41
1.53	34	5.97	52	9.12	1144	57.07	119.98	185.75	257.23	343.02	758	42.40	89.12	137.98	191.08	254.80
1.54	52	9.12	80	14.04	1138	85.51	179.76	278.29	385.39	513.91	754	64.49	135.57	209.88	290.65	387.58
1.55	44	7.72	68	11.93	1132	73.13	153.74	238.02	329.62	439.54	751	54.74	115.07	178.15	246.71	328.99
1.56	72	12.63	112	19.65	1125	114.01	239.67	371.04	513.84	685.19	746	88.19	185.40	287.03	397.49	530.05
1.56	36	6.32	56	9.83	1125	60.33	126.83	196.35	271.91	362.59	746	44.88	94.34	146.05	202.26	269.71
1.57	28	4.91	44	7.72	1114	47.19	99.20	153.58	212.68	283.61	738	34.93	73.42	113.67	157.42	209.91
1.58	38	6.67	60	10.53	1108	63.57	133.63	206.88	286.50	382.04	735	47.35	99.54	154.10	213.41	284.58
1.60	40	7.02	64	11.23	1094	66.78	140.39	217.34	300.98	401.35	725	49.82	104.73	162.14	224.54	299.42
1.60	30	5.26	48	8.42	1094	50.50	106.16	164.36	227.61	303.52	725	37.42	78.67	121.79	168.66	224.90
1.61	56	9.83	90	15.79	1089	91.51	192.37	297.82	412.43	549.97	722	69.31	145.71	225.58	312.40	416.58
1.63	32	5.61	52	9.12	1077	53.80	113.09	175.08	242.46	323.32	714	39.91	83.90	129.89	179.88	239.86
1.64	44	7.72	72	12.63	1069	73.13	153.74	238.02	329.62	439.54	709	54.74	115.07	178.15	246.71	328.99
1.65	68	11.93	112	19.65	1063	108.63	228.36	353.54	489.60	652.87	704	83.54	175.62	271.89	376.53	502.09
1.65	34	5.97	56	9.83	1063	57.07	119.98	185.75	257.23	343.02	704	42.40	89.12	137.98	191.08	254.80
1.66	29	5.09	48	8.42	1057	48.85	102.69	158.97	220.16	293.57	701	36.17	76.05	117.73	163.04	217.41
1.67	48	8.42	80	14.04	1050	79.38	166.87	258.34	357.77	477.08	696	59.63	125.36	194.07	268.75	358.38
1.67	36	6.32	60	10.53	1050	60.33	126.83	196.35	271.91	362.59	696	44.88	94.34	146.05	202.26	269.71
1.68	38	6.67	64	11.23	1039	63.57	133.63	206.88	286.50	382.04	689	47.35	99.54	154.10	213.41	284.58
1.70	40	7.02	68	11.93	1029	66.78	140.39	217.34	300.98	401.35	682	49.82	104.73	162.14	224.54	299.42
1.71	28	4.91	48	8.42	1021	47.19	99.20	153.58	212.68	283.61	677	34.93	73.42	113.67	157.42	209.91
1.73	52	9.12	90	15.79	1011	85.51	179.76	278.29	385.39	513.91	670	64.49	135.57	209.88	290.65	387.58
1.73	30	5.26	52	9.12	1010	50.50	106.16	164.36	227.61	303.52	669	37.42	78.67	121.79	168.66	224.90
1.75	64	11.23	112	19.65	1000	103.08	216.69	335.47	464.58	619.51	663	78.84	165.74	256.60	355.35	473.85
1.75	32	5.61	56	9.83	1000	53.80	113.09	175.08	242.46	323.32	663	39.91	83.90	129.89	179.88	239.86
1.76	34	5.97	60	10.53	992	57.07	119.98	185.75	257.23	343.02	657	42.40	89.12	137.98	191.08	254.80
1.78	36	6.32	64	11.23	984	60.33	126.83	196.35	271.91	362.59	653	44.88	94.34	146.05	202.26	269.71
1.79	38	6.67	68	11.93	978	63.57	133.63	206.88	286.50	382.04	648	47.35	99.54	154.10	213.41	284.58
1.79	29	5.09	52	9.12	976	48.85	102.69	158.97	220.16	293.57	647	36.17	76.05	117.73	163.04	217.41
1.80	80	14.04	144	25.26	972	103.08	216.69	335.47	464.58	619.51	644	97.34	204.63	316.79	438.71	585.01
1.80	40	7.02	72	12.63	972	66.78	140.39	217.34	300.98	401.35	644	49.82	104.73	162.14	224.54	299.42
1.82	44	7.72	80	14.04	963	73.13	153.74	238.02	329.62	439.54	638	54.74	115.07	178.15	246.71	328.99
1.86	28	4.91	52	9.12	942	47.19	99.20	153.58	212.68	283.61	625	34.93	73.42	113.67	157.42	209.91

Multiply HP rating by the belt length factor to determine drive width - BELT LENGTH FACTOR



High HP HTS 14mm Drive Selection Tables

Theoretical Center Distance in Inches for Various Belt Lengths																			
Belt Length Code (mm)																			
966	1190	1400	1610	1778	1890	2100	2310	2450	2590	2800	3150	3360	3500	3850	4326	4578	4956	Drive	
0.8	0.8	0.9	0.9	0.95	0.95	1	1	1.05	1.05	1.1	1.1	1.15	1.15	1.2	1.2	1.25	1.25	Ratio	
10.2	9.6	13.7	17.9	21.2	23.4	27.5	31.7	34.4	37.2	41.3	48.2	52.4	55.1	62.0	71.4	76.3	83.8	1.27	
	14.6	18.7	22.9	14.0	17.3	19.5	23.7	27.8	30.6	33.3	37.5	44.4	48.5	51.2	58.1	67.5	72.5	1.29	
	8.2	12.7	16.8	20.9	24.2	26.4	30.6	34.7	37.5	40.2	44.4	51.3	55.4	58.1	65.0	74.4	79.4	1.29	
9.8	14.2	10.9	15.1	18.4	20.6	24.8	28.9	31.7	34.4	38.6	45.5	49.6	52.3	59.2	68.6	73.6	81.0	1.31	
		18.3	22.5	25.8	28.0	32.1	36.2	39.0	41.7	45.9	52.8	56.9	59.7	66.6	75.9	80.9	88.3	1.31	
		15.6	17.8	22.0	26.1	28.9	31.6	35.8	38.6	42.7	46.8	53.5	57.6	60.3	67.7	74.7	82.1	1.33	
9.3	11.8	16.0	20.1	23.4	25.6	29.8	33.9	36.6	39.4	43.5	50.4	54.6	57.3	64.2	73.6	78.5	86.0	1.33	
	13.8	17.9	22.0	25.3	27.6	31.7	35.8	38.6	41.3	45.5	52.4	56.5	59.3	66.1	75.5	80.5	87.9	1.33	
	9.9	14.3	18.4	22.6	25.9	28.1	32.2	36.4	39.1	41.9	46.0	52.9	57.0	59.8	66.7	76.1	81.0	1.36	
8.5	12.9	17.1	21.2	24.5	26.7	30.9	35.0	37.7	40.5	44.6	51.5	55.7	58.4	65.3	74.7	79.6	87.1	1.38	
		18.0	22.2	25.5	27.7	31.8	36.0	38.7	41.5	45.6	52.5	56.6	59.4	66.3	75.6	80.6	88.1	1.38	
		14.5	17.8	20.0	24.2	28.3	31.1	33.9	38.0	44.9	49.0	51.8	55.9	58.7	65.6	75.0	79.9	87.4	1.47
7.6	12.1	17.1	21.2	24.5	26.7	30.9	35.0	37.7	40.5	44.6	51.5	55.7	58.4	65.3	74.7	79.6	87.1	1.38	
		18.0	22.2	25.5	27.7	31.8	36.0	38.7	41.5	45.6	52.5	56.6	59.4	66.3	75.6	80.6	88.1	1.38	
		14.5	17.8	20.0	24.2	28.3	31.1	33.9	38.0	44.9	49.0	51.8	55.9	58.7	65.6	75.0	79.9	87.4	1.47
9.6	14.0	18.2	22.3	25.6	27.8	32.0	36.1	38.8	41.6	45.7	52.6	56.8	59.5	66.4	75.8	80.7	88.2	1.43	
		11.2	15.4	19.5	22.8	25.0	29.2	33.3	36.1	38.8	43.0	49.9	54.0	56.8	63.7	73.0	78.0	85.4	1.44
		13.2	17.3	21.5	24.8	27.0	31.1	35.3	38.0	40.8	44.9	51.8	55.9	58.7	65.6	75.0	79.9	87.4	1.47
8.7	10.4	14.5	18.7	22.0	24.2	28.3	32.5	35.2	38.0	42.1	49.0	53.2	55.9	62.8	72.2	77.2	84.6	1.47	
		11.2	15.4	19.5	22.8	25.0	29.2	33.3	36.1	38.8	43.0	49.9	54.0	56.8	63.7	73.0	78.0	85.4	1.44
		12.6	16.7	20.0	22.3	26.4	30.5	33.3	36.1	40.2	47.1	51.2	54.0	60.9	70.3	75.2	82.7	1.45	
7.9	9.5	13.7	17.8	21.2	23.4	27.5	31.6	34.4	37.2	41.3	48.2	52.3	55.1	62.0	71.4	76.3	83.8	1.27	
		12.3	16.5	20.6	23.9	26.1	30.3	34.4	37.2	39.9	44.1	51.0	55.1	57.9	64.8	74.1	79.1	86.5	1.50
		13.3	17.5	21.6	24.9	27.1	31.3	35.4	38.2	40.9	45.0	51.9	56.1	58.8	65.7	75.1	80.1	87.5	1.52
9.0	10.6	13.4	17.6	21.7	25.0	27.3	31.4	35.5	38.3	41.0	45.2	52.1	56.2	59.0	65.9	75.2	80.2	87.6	1.57
		11.9	16.1	19.5	21.7	25.8	30.0	32.7	35.5	39.6	46.5	50.7	53.4	60.3	69.7	74.7	82.1	1.55	
		13.3	17.6	21.7	25.0	27.3	31.4	35.5	38.3	41.0	45.2	52.1	56.2	59.0	65.9	75.2	80.2	87.6	1.57
8.1	12.6	13.9	18.1	21.4	23.6	27.8	31.9	34.7	37.4	41.6	48.5	52.6	55.4	62.3	71.6	76.6	84.0	1.58	
		13.1	17.2	20.6	22.8	26.9	31.1	33.8	36.6	40.7	47.6	51.8	54.5	61.4	70.8	75.8	83.2	1.60	
		16.7	20.9	24.2	26.4	30.6	34.7	37.5	40.2	44.3	51.2	55.4	58.1	65.0	74.4	79.4	86.8	1.60	
8.2	10.9	13.8	17.1	19.4	23.5	27.7	30.5	33.2	37.4	44.3	48.4	51.2	58.1	67.5	72.4	79.9	86.9	1.66	
		15.9	20.0	23.4	25.6	29.7	33.9	36.6	39.4	43.5	50.4	54.6	57.3	64.2	73.6	78.5	86.0	1.63	
		11.3	15.5	18.9	21.1	25.2	29.3	32.2	34.9	39.1	46.0	50.1	52.9	59.8	69.1	74.1	81.5	1.64	
8.4	12.8	17.0	21.2	24.5	26.7	30.8	35.0	37.7	40.5	44.6	51.5	55.7	58.4	65.3	74.7	79.6	87.1	1.38	
		14.2	18.3	21.7	23.9	28.0	32.2	34.9	37.7	41.8	48.7	52.9	55.6	62.5	71.9	76.9	84.3	1.67	
		9.1	13.3	17.5	20.8	23.0	27.2	31.3	34.1	36.9	41.0	47.9	52.0	54.8	61.7	71.1	76.0	83.5	1.68
7.5	12.0	16.1	20.3	23.6	25.8	30.0	34.1	36.9	39.6	43.8	50.7	54.8	57.6	64.5	73.8	78.8	86.2	1.73	
		11.1	15.3	19.5	22.8	25.0	29.1	33.3	36.0	38.8	42.9	49.8	54.0	56.7	63.6	73.0	78.0	85.4	1.75
		10.2	14.4	18.6	21.9	24.1	28.3	32.4	35.2	38.0	42.1	49.0	53.1	55.9	62.8	72.2	77.1	84.6	1.76
7.6	12.1	16.3	20.4	23.8	26.0	30.1	34.3	37.0	39.8	43.9	50.8	54.9	57.7	64.6	74.0	78.9	86.4	1.79	
		11.8	16.0	19.4	21.6	25.8	29.9	32.7	35.4	39.6	46.5	50.6	53.4	60.3	69.7	74.6	82.1	1.80	
		9.3	13.6	17.7	21.1	23.3	27.5	31.6	34.4	37.1	41.3	48.2	52.3	55.1	62.0	71.3	76.3	83.7	1.78
7.7	12.2	16.4	20.6	23.9	26.1	30.2	34.4	37.2	39.9	44.0	50.9	55.1	57.8	64.7	74.1	79.1	86.5	1.86	
		12.7	16.9	21.0	24.3	30.7	34.8	37.6	40.3	44.5	51.4	55.5	58.3	65.2	74.5	79.5	86.9	1.66	
		13.8	17.1	19.4	23.5	27.7	30.5	33.2	37.4	44.3	48.4	51.2	58.1	67.5	72.4	79.9	86.9	1.67	
966	1190	1400	1610	1778	1890	2100	2310	2450	2590	2800	3150	3360	3500	3850	4326	4578	4956	Drive Ratio	

PULLEYS

High HP HTS 14mm Drive Selection Tables



Sprocket Combination					HP Ratings @1750 RPM Driver						HP Ratings@1160 RPM					
Drive	Driver		Driven		DN	RPP Panther Belt Widths (mm)					DN	RPP Panther Belt Widths (mm)				
Ratio	No. Teeth	P.D.	No. Teeth	P.D.	RPM	20	42	65	90	120	RPM	20	42	65	90	120
Multiply HP rating by the belt length factor to determine drive width - BELT LENGTH FACTOR																
1.87	60	10.53	112	19.65	938	97.37	204.69	316.89	438.84	585.19	621	74.10	155.77	241.16	333.97	445.34
1.87	30	5.26	56	9.83	938	50.50	106.16	164.36	227.61	303.52	621	37.42	78.67	121.79	168.66	224.90
1.88	48	8.42	90	15.79	933	79.38	166.87	258.34	357.77	477.08	619	59.63	125.36	194.07	268.75	358.38
1.88	32	5.61	60	10.53	933	53.80	113.09	175.08	242.46	323.32	619	39.91	83.90	129.89	179.88	239.86
1.88	34	5.97	64	11.23	930	57.07	119.98	185.75	257.23	343.02	616	42.40	89.12	137.98	191.08	254.80
1.89	36	6.32	68	11.93	926	60.33	126.83	196.35	271.91	362.59	614	44.88	94.34	146.05	202.26	269.71
1.89	38	6.67	72	12.63	924	63.57	133.63	206.88	286.50	382.04	612	47.35	99.54	154.10	213.41	284.58
1.93	29	5.09	56	9.83	906	48.85	102.69	158.97	220.16	293.57	601	36.17	76.05	117.73	163.04	217.41
2.00	72	12.63	144	25.26	875	114.01	239.67	371.04	513.84	685.19	580	88.19	185.40	287.03	397.49	530.05
2.00	56	9.83	112	19.65	875	91.51	192.37	297.82	412.43	549.97	580	69.31	145.71	225.58	312.40	416.58
2.00	40	7.02	80	14.04	875	66.78	140.39	217.34	300.98	401.35	580	49.82	104.73	162.14	224.54	299.42
2.00	36	6.32	72	12.63	875	60.33	126.83	196.35	271.91	362.59	580	44.88	94.34	146.05	202.26	269.71
2.00	34	5.97	68	11.93	875	57.07	119.98	185.75	257.23	343.02	580	42.40	89.12	137.98	191.08	254.80
2.00	32	5.61	64	11.23	875	53.80	113.09	175.08	242.46	323.32	580	39.91	83.90	129.89	179.88	239.86
2.00	30	5.26	60	10.53	875	50.50	106.16	164.36	227.61	303.52	580	37.42	78.67	121.79	168.66	224.90
2.00	28	4.91	56	9.83	875	47.19	99.20	153.58	212.68	283.61	580	34.93	73.42	113.67	157.42	209.91
2.05	44	7.72	90	15.79	856	73.13	153.74	238.02	329.62	439.54	567	54.74	115.07	178.15	246.71	328.99
2.07	29	5.09	60	10.53	846	48.85	102.69	158.97	220.16	293.57	561	36.17	76.05	117.73	163.04	217.41
2.10	80	14.04	168	29.48	833	108.63	228.36	353.54	489.60	652.87	552	97.34	204.63	316.79	438.71	585.01
2.11	38	6.67	80	14.04	831	63.57	133.63	206.88	286.50	382.04	551	47.35	99.54	154.10	213.41	284.58
2.12	68	11.93	144	25.26	826	108.63	228.36	353.54	489.60	652.87	548	83.54	175.62	271.89	376.53	502.09
2.12	34	5.97	72	12.63	826	57.07	119.98	185.75	257.23	343.02	548	42.40	89.12	137.98	191.08	254.80
2.13	32	5.61	68	11.93	824	53.80	113.09	175.08	242.46	323.32	546	39.91	83.90	129.89	179.88	239.86
2.13	30	5.26	64	11.23	820	50.50	106.16	164.36	227.61	303.52	544	37.42	78.67	121.79	168.66	224.90
2.14	28	4.91	60	10.53	817	47.19	99.20	153.58	212.68	283.61	541	34.93	73.42	113.67	157.42	209.91
2.15	52	9.12	112	19.65	813	85.51	179.76	278.29	385.39	513.91	539	64.49	135.57	209.88	290.65	387.58
2.21	29	5.09	64	11.23	793	48.85	102.69	158.97	220.16	293.57	526	36.17	76.05	117.73	163.04	217.41
2.22	36	6.32	80	14.04	788	60.33	126.83	196.35	271.91	362.59	522	44.88	94.34	146.05	202.26	269.71
2.25	64	11.23	144	25.26	778	103.08	216.69	335.47	464.58	619.51	516	78.84	165.74	256.60	355.35	473.85
2.25	40	7.02	90	15.79	778	66.78	140.39	217.34	300.98	401.35	516	49.82	104.73	162.14	224.54	299.42
2.25	32	5.61	72	12.63	778	53.80	113.09	175.08	242.46	323.32	516	39.91	83.90	129.89	179.88	239.86
2.27	30	5.26	68	11.93	772	50.50	106.16	164.36	227.61	303.52	512	37.42	78.67	121.79	168.66	224.90
2.29	28	4.91	64	11.23	766	47.19	99.20	153.58	212.68	283.61	508	34.93	73.42	113.67	157.42	209.91
2.33	72	12.63	168	29.48	750	114.01	239.67	371.04	513.84	685.19	497	88.19	185.40	287.03	397.49	530.05
2.33	48	8.42	112	19.65	750	79.38	166.87	258.34	357.77	477.08	497	59.63	125.36	194.07	268.75	358.38
2.34	29	5.09	68	11.93	746	48.85	102.69	158.97	220.16	293.57	495	36.17	76.05	117.73	163.04	217.41
2.35	34	5.97	80	14.04	744	57.07	119.98	185.75	257.23	343.02	493	42.40	89.12	137.98	191.08	254.80
2.37	38	6.67	90	15.79	739	63.57	133.63	206.88	286.50	382.04	490	47.35	99.54	154.10	213.41	284.58
2.40	80	14.04	192	33.69	729	108.63	228.36	353.54	489.60	652.87	483	97.34	204.63	316.79	438.71	585.01
2.40	60	10.53	144	25.26	729	97.37	204.69	316.89	438.84	585.19	483	74.10	155.77	241.16	333.97	445.34
2.40	30	5.26	72	12.63	729	50.50	106.16	164.36	227.61	303.52	483	37.42	78.67	121.79	168.66	224.90
2.43	28	4.91	68	11.93	721	47.19	99.20	153.58	212.68	283.61	478	34.93	73.42	113.67	157.42	209.91
2.47	68	11.93	168	29.48	708	108.63	228.36	353.54	489.60	652.87	470	83.54	175.62	271.89	376.53	502.09
2.48	29	5.09	72	12.63	705	48.85	102.69	158.97	220.16	293.57	467	36.17	76.05	117.73	163.04	217.41
2.50	36	6.32	90	15.79	700	60.33	126.83	196.35	271.91	362.59	464	44.88	94.34	146.05	202.26	269.71
2.50	32	5.61	80	14.04	700	53.80	113.09	175.08	242.46	323.32	464	39.91	83.90	129.89	179.88	239.86
2.55	44	7.72	112	19.65	688	73.13	153.74	238.02	329.62	439.54	456	54.74	115.07	178.15	246.71	328.99
2.57	56	9.83	144	25.26	681	91.51	192.37	297.82	412.43	549.97	451	69.31	145.71	225.58	312.40	416.58
2.57	28	4.91	72	12.63	681	47.19	99.20	153.58	212.68	283.61	451	34.93	73.42	113.67	157.42	209.91
2.63	64	11.23	168	29.48	667	103.08	216.69	335.47	464.58	619.51	442	78.84	165.74	256.60	355.35	473.85
2.65	34	5.97	90	15.79	661	57.07	119.98	185.75	257.23	343.02	438	42.40	89.12	137.98	191.08	254.80
2.67	30	5.26	80	14.04	656	50.50	106.16	164.36	227.61	303.52	435	37.42	78.67	121.79	168.66	224.90
2.67	72	12.63	192	33.69	656	114.01	239.67	371.04	513.84	685.19	435	88.19	185.40	287.03	397.49	530.05
2.70	80	14.04	216	37.90	648	114.01	239.67	371.04	513.84	685.19	430	97.34	204.63	316.79	438.71	585.01
2.76	29	5.09	80	14.04	634	48.85	102.69	158.97	220.16	293.57	421	36.17	76.05	117.73	163.04	217.41
2.77	52	9.12	114	25.26	632	85.51	179.76	278.29	385.39	513.91	419	64.49	135.57	209.88	290.65	387.58
2.80	60	10.53	168	29.48	625	97.37	204.69	316.89	438.84	585.19	414	74.10	155.77	241.16	333.97	445.34
2.80	40	7.02	112	19.65	625	66.78	140.39	217.34	300.98	401.35	414	49.82	104.73	162.14	224.54	299.42
2.81	32	5.61	90	15.79	622	53.80	113.09	175.08	242.46	323.32	412	39.91	83.90	129.89	179.88	239.86
2.82	68	11.93	192	33.69	620	108.63	228.36	353.54	489.60	652.87	411	83.54	175.62	271.89	376.53	502.09
2.86	28	4.91	80	14.04	613	47.19	99.20	153.58	212.68	283.61	406	34.93	73.42	113.67	157.42	209.91
2.95	38	6.67	112	19.65	594	63.57	133.63	206.88	286.50	382.04	394	47.35	99.54	154.10	213.41	284.58
3.00	72	12.63	216	37.90	583	114.01	239.67	371.04	513.84	685.19	387	88.19	185.40	287.03	397.49	530.05
3.00	64	11.23	192	33.69	583	103.08	216.69	335.47	464.58	619.51	387	78.84	165.74	256.60	355.35	473.85
3.00	56	9.83	168	29.48	583	91.51	192.37	297.82	412.43	549.97	387	69.31	145.71	225.58	312.40	416.58
3.00	48	8.42	144	25.26	583	79.38	166.87	258.34	357.77	477.08	387	59.63	125.36	194.07	268.75	358.38

PULLEYS

Multiply HP rating by the belt length factor to determine drive width - BELT LENGTH FACTOR

High HP HTS 14mm Drive Selection Tables



Sprocket Combination					HP Ratings @1750 RPM Driver						HP Ratings@1160 RPM					
Drive	Driver		Driven		DN	RPP Panther Belt Widths (mm)					DN	RPP Panther Belt Widths (mm)				
Ratio	No. Teeth	P.D.	No. Teeth	P.D.	RPM	20	42	65	90	120	RPM	20	42	65	90	120
Multiply HP rating by the belt length factor to determine drive width - BELT LENGTH FACTOR																
3.00	30	5.26	90	15.79	583	50.50	106.16	164.36	227.61	303.52	387	37.42	78.67	121.79	168.66	224.90
3.10	29	5.09	90	15.79	564	48.85	102.69	158.97	220.16	293.57	374	36.17	76.05	117.73	163.04	217.41
3.11	36	6.32	112	19.65	563	60.33	126.83	196.35	271.91	362.59	373	44.88	94.34	146.05	202.26	269.71
3.18	68	11.93	216	37.90	551	108.63	228.36	353.54	489.60	652.87	365	83.54	175.62	271.89	376.53	502.09
3.20	60	10.53	192	33.69	547	97.37	204.69	316.89	438.84	585.19	363	74.10	155.77	241.16	333.97	445.34
3.21	28	4.91	90	15.79	544	47.19	99.20	153.58	212.68	283.61	361	34.93	73.42	113.67	157.42	209.91
3.23	52	9.12	168	29.48	542	85.51	179.76	278.29	385.39	513.91	359	64.49	135.57	209.88	290.65	387.58
3.27	44	7.72	144	25.26	535	73.13	153.74	238.02	329.62	439.54	354	54.74	115.07	178.15	246.71	328.99
3.29	34	5.97	112	19.65	531	57.07	119.98	185.75	257.23	343.02	352	42.40	89.12	137.98	191.08	254.80
3.38	64	11.23	216	37.90	519	103.08	216.69	335.47	464.58	619.51	344	78.84	165.74	256.60	355.35	473.85
3.43	56	9.83	192	33.69	510	91.51	192.37	297.82	412.43	549.97	338	69.31	145.71	225.58	312.40	416.58
3.50	48	8.42	168	29.48	500	79.38	166.87	258.34	357.77	477.08	331	59.63	125.36	194.07	268.75	358.38
3.50	32	5.61	112	19.65	500	53.80	113.09	175.08	242.46	323.32	331	39.91	83.90	129.89	179.88	239.86
3.60	60	10.53	216	37.90	486	97.37	204.69	316.89	438.84	585.19	322	74.10	155.77	241.16	333.97	445.34
3.60	40	7.02	144	25.26	486	66.78	140.39	217.34	300.98	401.35	322	49.82	104.73	162.14	224.54	299.42
3.69	52	9.12	192	33.69	474	85.51	179.76	278.29	385.39	513.91	314	64.49	135.57	209.88	290.65	387.58
3.73	30	5.26	112	19.65	469	50.50	106.16	164.36	227.61	303.52	311	37.42	78.67	121.79	168.66	224.90
3.79	38	6.67	144	25.26	462	63.57	133.63	206.88	286.50	382.04	306	47.35	99.54	154.10	213.41	284.58
3.82	44	7.72	168	29.48	458	73.13	153.74	238.02	329.62	439.54	304	54.74	115.07	178.15	246.71	328.99
3.86	56	9.83	216	37.90	454	91.51	192.37	297.82	412.43	549.97	301	69.31	145.71	225.58	312.40	416.58
3.86	29	5.09	112	19.65	453	48.85	102.69	158.97	220.16	293.57	300	36.17	76.05	117.73	163.04	217.41
4.00	48	8.42	192	33.69	438	79.38	166.87	258.34	357.77	477.08	290	59.63	125.36	194.07	268.75	358.38
4.00	36	6.32	144	25.26	438	60.33	126.83	196.35	271.91	362.59	290	44.88	94.34	146.05	202.26	269.71
4.00	28	4.91	112	19.65	438	47.19	99.20	153.58	212.68	283.61	290	34.93	73.42	113.67	157.42	209.91
4.15	52	9.12	216	37.90	421	85.51	179.76	278.29	385.39	513.91	279	64.49	135.57	209.88	290.65	387.58
4.20	40	7.02	168	29.48	417	66.78	140.39	217.34	300.98	401.35	276	49.82	104.73	162.14	224.54	299.42
4.24	34	5.97	144	25.26	413	57.07	119.98	185.75	257.23	343.02	274	42.40	89.12	137.98	191.08	254.80
4.36	44	7.72	192	33.69	401	73.13	153.74	238.02	329.62	439.54	266	54.74	115.07	178.15	246.71	328.99
4.42	38	6.67	168	29.48	396	63.57	133.63	206.88	286.50	382.04	262	47.35	99.54	154.10	213.41	284.58
4.50	48	8.42	216	37.90	389	79.38	166.87	258.34	357.77	477.08	258	59.63	125.36	194.07	268.75	358.38
4.50	32	5.61	144	25.26	389	53.80	113.09	175.08	242.46	323.32	258	39.91	83.90	129.89	179.88	239.86
4.67	36	6.32	168	29.48	375	60.33	126.83	196.35	271.91	362.59	249	44.88	94.34	146.05	202.26	269.71
4.80	40	7.02	192	33.69	365	66.78	140.39	217.34	300.98	401.35	242	49.82	104.73	162.14	224.54	299.42
4.80	30	5.26	144	25.26	365	50.50	106.16	164.36	227.61	303.52	242	37.42	78.67	121.79	168.66	224.90
4.91	44	7.72	216	37.90	356	73.13	153.74	238.02	329.62	439.54	236	54.74	115.07	178.15	246.71	328.99
4.94	34	5.97	168	29.48	354	57.07	119.98	185.75	257.23	343.02	235	42.40	89.12	137.98	191.08	254.80
4.97	29	5.09	144	25.26	352	48.85	102.69	158.97	220.16	293.57	234	36.17	76.05	117.73	163.04	217.41
5.05	38	6.67	192	33.69	346	63.57	133.63	206.88	286.50	382.04	230	47.35	99.54	154.10	213.41	284.58
5.14	28	4.91	144	25.26	340	47.19	99.20	153.58	212.68	283.61	226	34.93	73.42	113.67	157.42	209.91
5.25	32	5.61	168	29.48	333	53.80	113.09	175.08	242.46	323.32	221	39.91	83.90	129.89	179.88	239.86
5.33	36	6.32	192	33.69	328	60.33	126.83	196.35	271.91	362.59	218	44.88	94.34	146.05	202.26	269.71
5.40	40	7.02	216	37.90	324	66.78	140.39	217.34	300.98	401.35	215	49.82	104.73	162.14	224.54	299.42
5.60	30	5.26	168	29.48	313	50.50	106.16	164.36	227.61	303.52	207	37.42	78.67	121.79	168.66	224.90
5.65	34	5.97	192	33.69	310	57.07	119.98	185.75	257.23	343.02	205	42.40	89.12	137.98	191.08	254.80
5.68	38	6.67	216	37.90	308	63.57	133.63	206.88	286.50	382.04	204	47.35	99.54	154.10	213.41	284.58
5.79	29	5.09	168	29.48	302	48.85	102.69	158.97	220.16	293.57	200	36.17	76.05	117.73	163.04	217.41
6.00	36	6.32	216	37.90	292	60.33	126.83	196.35	271.91	362.59	193	44.88	94.34	146.05	202.26	269.71
6.00	32	5.61	192	33.69	292	53.80	113.09	175.08	242.46	323.32	193	39.91	83.90	129.89	179.88	239.86
6.00	28	4.91	168	29.48	292	47.19	99.20	153.58	212.68	283.61	193	34.93	73.42	113.67	157.42	209.91
6.35	34	5.97	216	37.90	275	57.07	119.98	185.75	257.23	343.02	183	42.40	89.12	137.98	191.08	254.80
6.40	30	5.26	192	33.69	273	50.50	106.16	164.36	227.61	303.52	181	37.42	78.67	121.79	168.66	224.90
6.62	29	5.09	192	33.69	264	48.85	102.69	158.97	220.16	293.57	175	36.17	76.05	117.73	163.04	217.41
6.75	32	5.61	216	37.90	259	53.80	113.09	175.08	242.46	323.32	172	39.91	83.90	129.89	179.88	239.86
6.86	28	4.91	192	33.69	255	47.19	99.20	153.58	212.68	283.61	169	34.93	73.42	113.67	157.42	209.91
7.20	30	5.26	216	37.90	243	50.50	106.16	164.36	227.61	303.52	161	37.42	78.67	121.79	168.66	224.90
7.45	29	5.09	216	37.90	235	48.85	102.69	158.97	220.16	293.57	156	36.17	76.05	117.73	163.04	217.41
7.71	28	4.91	216	37.90	227	47.19	99.20	153.58	212.68	283.61	150	34.93	73.42	113.67	157.42	209.91
Multiply HP rating by the belt length factor to determine drive width - BELT LENGTH FACTOR																



High HP HTS 14mm Drive Selection Tables

Theoretical Center Distance in Inches for Various Belt Lengths																				
Belt Length Code (mm)																				
966	1190	1400	1610	1778	1890	2100	2310	2450	2590	2800	3150	3360	3500	3850	4326	4578	4956	Drive		
0.8	0.8	0.9	0.9	0.95	0.95	1	1	1.05	1.05	1.1	1.1	1.15	1.15	1.2	1.2	1.25	1.25	Ratio		
			14.2 14.3	17.7 17.8	20.0 20.1 15.3	24.2 24.4 19.8	28.5 28.6 24.2	31.3 31.4 27.0	34.0 34.2 29.8	38.2 38.4 34.1	45.2 45.3 41.1	49.3 49.5 45.3	52.1 52.2 48.0 26.5	59.0 59.2 55.0 34.2	68.4 68.6 64.4 44.1	73.4 73.5 69.4 49.3	80.9 81.0 76.9 56.9	3.00 3.10 3.11 3.18		
			14.4	17.9	20.2 15.6	24.5 20.0	28.7 24.4	31.5 20.4 27.3	34.3 23.4 30.1	38.5 22.5 27.8 34.3	45.4 30.0 35.0 41.3	49.6 34.3 39.3 45.5	52.1 32.1 42.1 48.3	59.2 39.4 49.1 55.3	68.6 49.1 58.6 64.7	73.7 54.2 63.6 69.7	81.1 61.8 71.1 77.1	3.20 3.21 3.23 3.27 3.29		
											24.9 30.4 41.6	29.5 34.8 45.8	32.5 37.7 48.6 27.4	34.6 39.8 55.5 35.1	44.6 49.5 64.9 45.0	49.7 54.6 69.9 50.2	57.4 62.2 77.4 57.9	3.38 3.43 3.50 3.50 3.60		
							17.7	20.8	23.9	28.3	35.5 25.4 41.8 35.7 30.9	39.7 30.0 46.0 40.0 35.2	42.6 33.0 48.8 42.8 38.1	49.6 40.3 55.8 49.8 45.3	59.1 50.0 65.2 59.4 54.9	64.1 55.1 70.2 64.4 59.9	71.6 62.7 77.7 71.9 67.5	3.60 3.69 3.73 3.79 3.82		
				13.6	16.1	20.6	25.0	27.8	30.7	34.9	42.0 25.8 36.0 42.1	46.1 30.4 40.2 46.3	48.9 33.4 43.1 49.1	55.9 40.7 50.1 56.0	65.3 50.5 59.6 65.5	70.3 55.6 64.6 70.4	77.8 63.2 72.1 77.9	3.86 3.86 4.00 4.00		
				13.7	16.2	20.7	25.1	28.0	30.8	35.1	42.1	46.3	49.1	56.0	65.5	70.4	77.9	4.00		
													24.9 35.7 40.5 26.2 31.5	28.2 38.6 45.7 43.3 50.3 41.2 51.0 56.7	35.9 46.4 55.6 46.0	46.0 51.2 56.1 60.7	51.2 60.4 64.9 63.7 68.2	58.9 68.0 72.4 63.7 68.2	4.15 4.20 4.24 4.36 4.42	
													25.3 40.7 36.2 26.6 40.9	28.6 36.4 43.5 39.1 50.8	36.4 50.6 46.2 41.7 50.8	46.4 60.1 55.8 56.6 65.4	51.6 65.1 60.9 64.2 65.4	59.3 72.6 68.5 64.2 72.9	4.50 4.50 4.67 4.80 4.80	
													25.8 29.1 36.8 26.8 36.9	29.1 36.8 41.1 34.5 41.2	36.8 46.5 51.0 41.9 51.1	46.9 56.1 60.5 51.7 60.6	52.1 61.2 65.5 56.8 65.6	59.8 68.7 73.0 64.4 73.2	4.91 4.94 4.97 5.05 5.14	
													19.7 27.1 26.2 19.9	24.6 31.7 29.5 24.8	32.2 34.8 29.5 36.9	46.7 42.1 37.3 46.9	56.3 51.9 52.6 56.6	61.4 57.1 52.6 61.6	69.0 64.7 60.3 69.2	5.25 5.33 5.40 5.60
													27.3 26.4 37.0 26.6 27.5 32.7	31.9 29.7 39.9 29.9 35.2 37.1	35.0 37.5 47.1 37.7 42.6 47.2	42.4 47.6 56.7 47.8 52.4 56.8	52.2 52.8 61.8 53.0 57.5 61.9	57.3 60.5 61.8 60.8 65.2 69.5	64.9 64.9 69.3 60.8 65.2 69.5	5.65 5.68 5.79 6.00 6.00 6.00
													27.7 27.8 27.0 27.9	32.4 32.5 27.0 32.6	35.4 35.5 30.3 35.6	42.8 42.9 38.2 43.1	52.6 52.8 48.3 52.9	57.8 57.9 53.5 58.0	65.4 65.5 61.3 65.7	6.40 6.62 6.75 6.86
													27.2 21.7 21.8	30.5 27.3 27.4	38.4 30.6 30.7	48.5 48.6 48.7	53.7 53.8 54.0	61.5 61.6 61.7	7.20 7.45 7.71	
966	1190	1400	1610	1778	1890	2100	2310	2450	2590	2800	3150	3360	3500	3850	4326	4578	4956	Drive Ratio		

PULLEYS

8 mm High HP HTS Horsepower Ratings



The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

		12mm (.47 in.) Wide Belt (8M-12)																
No. Teeth	PD	22	24	26	28	30	32	34	36	38	40	44	48	56	64	72	80	
		mm in.	56.02 2.21	61.12 2.41	66.21 2.61	71.30 2.81	76.39 3.01	81.49 3.21	86.58 3.41	91.67 3.61	96.77 3.81	101.86 4.01	112.05 4.41	122.23 4.81	142.60 5.61	162.97 6.42	183.35 7.22	203.72 8.02
Smallest Sprocket RPM	870	3.92	4.31	4.70	5.09	5.48	5.88	6.27	6.67	7.07	7.48	8.28	9.10	10.74	12.39	14.06	15.74	
	1160	4.90	5.38	5.87	6.36	6.85	7.34	7.83	8.33	8.83	9.33	10.34	11.35	13.39	15.44	17.51	19.58	
	1750	6.73	7.39	8.06	8.72	9.40	10.07	10.74	11.42	12.10	12.78	14.15	15.52	18.27	21.02	23.77	26.51	
	3450	11.31	12.40	13.49	14.59	15.68	16.77	17.86	18.95	20.04	21.11	23.26	25.37	29.50	33.47			
	10	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.14	0.15	0.18	0.20	0.23	0.26	
	20	0.13	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.24	0.26	0.28	0.33	0.39	0.44	0.49	
	30	0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.34	0.38	0.41	0.49	0.56	0.63	0.71	
	50	0.29	0.32	0.35	0.38	0.40	0.43	0.46	0.49	0.52	0.55	0.60	0.66	0.78	0.89	1.01	1.13	
	70	0.40	0.44	0.47	0.51	0.55	0.59	0.63	0.67	0.71	0.74	0.82	0.90	1.06	1.22	1.38	1.54	
	100	0.55	0.61	0.66	0.71	0.76	0.82	0.87	0.93	0.98	1.03	1.14	1.25	1.47	1.69	1.92	2.14	
	200	1.05	1.15	1.25	1.35	1.45	1.55	1.65	1.75	1.85	1.96	2.16	2.37	2.78	3.20	3.62	4.05	
	300	1.52	1.66	1.81	1.95	2.10	2.25	2.40	2.54	2.69	2.84	3.14	3.44	4.04	4.65	5.26	5.88	
	400	1.98	2.17	2.36	2.55	2.74	2.93	3.12	3.31	3.51	3.70	4.09	4.48	5.27	6.06	6.85	7.65	
	500	2.43	2.66	2.89	3.13	3.36	3.60	3.83	4.07	4.31	4.54	5.02	5.50	6.47	7.44	8.41	9.39	
	600	2.87	3.15	3.42	3.70	3.98	4.25	4.53	4.81	5.09	5.37	5.94	6.51	7.64	8.79	9.94	11.10	
	700	3.31	3.62	3.94	4.26	4.58	4.90	5.22	5.54	5.87	6.19	6.84	7.49	8.81	10.13	11.45	12.78	
	800	3.74	4.10	4.46	4.82	5.18	5.54	5.90	6.27	6.63	7.00	7.73	8.47	9.95	11.44	12.94	14.44	
	900	4.03	4.42	4.82	5.22	5.63	6.03	6.44	6.85	7.26	7.67	8.50	9.34	11.02	12.72	14.43	16.15	
	1000	4.37	4.80	5.23	5.67	6.11	6.55	6.99	7.43	7.88	8.32	9.22	10.13	11.95	13.79	15.64	17.50	
	1100	4.70	5.17	5.63	6.10	6.57	7.05	7.52	8.00	8.48	8.96	9.92	10.90	12.86	14.83	16.82	18.81	
	1200	5.03	5.53	6.02	6.53	7.03	7.53	8.04	8.55	9.06	9.58	10.61	11.65	13.74	15.84	17.96	20.08	
	1300	5.35	5.88	6.41	6.94	7.48	8.01	8.55	9.10	9.64	10.19	11.28	12.38	14.60	16.83	19.08	21.32	
	1400	5.67	6.23	6.79	7.35	7.92	8.48	9.05	9.63	10.20	10.78	11.94	13.10	15.45	17.80	20.16	22.53	
	1500	5.98	6.57	7.16	7.75	8.35	8.95	9.55	10.15	10.76	11.36	12.58	13.81	16.27	18.75	21.23	23.71	
	1600	6.28	6.90	7.52	8.14	8.77	9.40	10.03	10.67	11.30	11.94	13.22	14.50	17.08	19.67	22.26	24.85	
	1700	6.58	7.23	7.88	8.53	9.19	9.85	10.51	11.17	11.84	12.50	13.84	15.18	17.88	20.58	23.28	25.97	
	1800	6.88	7.56	8.23	8.92	9.60	10.29	10.98	11.67	12.36	13.06	14.45	15.85	18.66	21.47	24.27	27.05	
	1900	7.17	7.88	8.58	9.29	10.01	10.72	11.44	12.16	12.88	13.60	15.06	16.51	19.42	22.33	25.23	28.11	
	2000	7.46	8.19	8.93	9.66	10.41	11.15	11.89	12.64	13.39	14.14	15.65	17.15	20.17	23.18	26.17	29.14	
	2500	8.85	9.72	10.58	11.46	12.33	13.20	14.08	14.96	15.84	16.71	18.47	20.22	23.71	27.15	30.54	33.85	
3000	10.17	11.16	12.15	13.14	14.14	15.13	16.13	17.12	18.11	19.11	21.08	23.04	26.91	30.68	34.33			
3500	11.43	12.53	13.64	14.74	15.85	16.95	18.05	19.15	20.24	21.33	23.49	25.62	29.77	33.75				
4000	12.63	13.84	15.05	16.26	17.46	18.66	19.86	21.04	22.22	23.39	25.70	27.96	32.29					
4500	13.78	15.09	16.40	17.70	18.99	20.27	21.55	22.81	24.06	25.29	27.70	30.04						
5000	14.89	16.29	17.68	19.06	20.43	21.78	23.12	24.44	25.74	27.02	29.50							
		22mm (.87 in.) Wide Belt (8M-22)																
Smallest Sprocket RPM	870	7.20	7.91	8.62	9.34	10.06	10.78	11.51	12.24	12.98	13.72	15.20	16.69	19.70	22.74	25.80	28.88	
	1160	8.99	9.88	10.77	11.66	12.56	13.47	14.37	15.29	16.20	17.12	18.97	20.82	24.56	28.33	32.12	35.92	
	1750	12.35	13.56	14.78	16.01	17.24	18.47	19.71	20.95	22.20	23.45	25.96	28.47	33.52	38.57	43.62	48.65	
	3450	20.75	22.75	24.76	26.76	28.77	30.78	32.78	34.77	36.76	38.74	42.67	46.55	54.13	61.41			
	10	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.23	0.25	0.28	0.32	0.37	0.42	0.47	
	20	0.23	0.25	0.27	0.30	0.32	0.34	0.36	0.39	0.41	0.43	0.48	0.52	0.61	0.71	0.80	0.89	
	30	0.33	0.37	0.40	0.43	0.46	0.50	0.53	0.56	0.59	0.63	0.69	0.76	0.89	1.03	1.16	1.30	
	50	0.54	0.59	0.64	0.69	0.74	0.79	0.85	0.90	0.95	1.00	1.11	1.21	1.43	1.64	1.86	2.08	
	70	0.73	0.80	0.87	0.94	1.01	1.08	1.15	1.22	1.30	1.37	1.51	1.65	1.95	2.24	2.53	2.83	
	100	1.01	1.11	1.21	1.31	1.40	1.50	1.60	1.70	1.80	1.90	2.10	2.30	2.70	3.11	3.52	3.93	
	200	1.92	2.10	2.29	2.47	2.66	2.84	3.03	3.21	3.40	3.59	3.97	4.35	5.11	5.88	6.65	7.43	
	300	2.78	3.05	3.32	3.59	3.86	4.13	4.40	4.67	4.94	5.21	5.76	6.31	7.42	8.53	9.66	10.78	
	400	3.63	3.98	4.32	4.67	5.02	5.37	5.73	6.08	6.44	6.79	7.51	8.22	9.66	11.12	12.58	14.04	
	500	4.46	4.88	5.31	5.74	6.17	6.60	7.03	7.47	7.90	8.34	9.21	10.09	11.86	13.65	15.44	17.24	
	600	5.27	5.77	6.28	6.78	7.29	7.80	8.32	8.83	9.34	9.86	10.90	11.94	14.03	16.13	18.25	20.37	
	700	6.07	6.65	7.23	7.82	8.40	8.99	9.58	10.17	10.77	11.36	12.55	13.75	16.16	18.58	21.01	23.45	
	800	6.86	7.52	8.18	8.84	9.50	10.17	10.83	11.50	12.17	12.84	14.19	15.54	18.26	20.99	23.74	26.50	
	900	7.39	8.12	8.85	9.59	10.33	11.07	11.82	12.57	13.32	14.08	15.60	17.13	20.22	23.34	26.48	29.64	
	1000	8.02	8.81	9.60	10.40	11.20	12.01	12.82	13.63	14.45	15.27	16.92	18.58	21.93	25.30	28.70	32.11	
	1100	8.63	9.48	10.33	11.19	12.06	12.93	13.80	14.67	15.55	16.44	18.21	19.99	23.59	27.21	30.85	34.51	
	1200	9.23	10.14	11.05	11.97	12.90	13.82	14.76	15.69	16.63	17.57	19.47	21.37	25.21	29.07	32.95	36.85	
	1300	9.82	10.79	11.76	12.73	13.72	14.70	15.69	16.69	17.69	18.69	20.70	22.72	26.79	30.89	35.00	39.12	
	1400	10.40	11.42	12.45	13.48	14.52	15.57	16.61	17.66	18.72	19.78	21.91	24.04	28.34	32.66	37.00	41.34	
	1500	10.97	12.05	13.13	14.22	15.31	16.41	17.52	18.62	19.74	20.85	23.09	25.34	29.86	34.40	38.95	43.49	
	1600	11.53	12.66	13.80	14.94	16.09	17.25	18.41	19.57	20.73	21.90	24.25	26.61	31.35	36.10	40.85	45.59	
	1700	12.08	13.27	14.46	15.66	16.86	18.07	19.28	20.50	21.72	22.94	25.39	27.86	32.80	37.76	42.71	47.64	
	1800	12.62	13.86	15.11	16.36	17.61	18.87	20.14	21.41	22.68	23.96	26.52	29.08	34.23	39.38	44.52	49.64	
	1900	13.16	14.45	15.75	17.05	18.36	19.67	20.99	22.31	23.63	24.96	27.62	30.29	35.63	40.97	46.29	51.58	
	2000	13.69	15.03	16.38	17.73	19.09	20.46	21.82	23.20	24.57	25.95	28.71	31.47	37.01	42.53	48.02	53.46	
	2500	16.24	17.83	19.42	21.02	22.62	24.22	25.83	27.44	29.05	30.67	33.89	37.10	43.50	49.82	56.03	62.11	
3000	18.66	20.48	22.29	24.12	25.94	27.77	29.59	31.41	33.24	35.05	38.68	42.28	49.37	56.29	62.99			
3500	20.97	23.00	25.02	27.05</														



8 mm High HP HTS Belt Horsepower Ratings

The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

35mm (1.38 in.) Wide Belt (8M-35)																	
No. Teeth	22	24	26	28	30	32	34	36	38	40	44	48	56	64	72	80	
	PD mm in.	56.02 2.21	61.12 2.41	66.21 2.61	71.30 2.81	76.39 3.01	81.49 3.21	86.58 3.41	91.67 3.61	96.77 3.81	101.86 4.01	112.05 4.41	122.23 4.81	142.60 5.61	162.97 6.42	183.35 7.22	203.72 8.02
Smallest Sprocket RPM	870	11.46	12.58	13.72	14.86	16.01	17.16	18.32	19.49	20.66	21.83	24.19	26.56	31.35	36.19	41.06	45.97
	1160	14.31	15.72	17.14	18.56	19.99	21.43	22.88	24.33	25.78	27.25	30.18	33.14	39.09	45.09	51.12	57.17
	1750	19.66	21.59	23.53	25.48	27.43	29.40	31.37	33.35	35.33	37.32	41.31	45.32	53.35	61.39	69.42	77.42
	3450	33.02	36.20	39.40	42.59	45.79	48.98	52.16	55.34	58.50	61.65	67.91	74.08	86.15	97.72		
	10	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.36	0.40	0.44	0.52	0.59	0.67	0.75
	20	0.37	0.40	0.44	0.47	0.51	0.54	0.58	0.62	0.65	0.69	0.76	0.83	0.98	1.12	1.27	1.42
	30	0.53	0.58	0.63	0.69	0.74	0.79	0.84	0.89	0.95	1.00	1.10	1.21	1.42	1.63	1.85	2.06
	50	0.85	0.93	1.02	1.10	1.18	1.26	1.35	1.43	1.51	1.60	1.76	1.93	2.27	2.61	2.96	3.30
	70	1.16	1.27	1.38	1.50	1.61	1.72	1.83	1.95	2.06	2.18	2.40	2.63	3.10	3.56	4.03	4.50
	100	1.61	1.77	1.92	2.08	2.23	2.39	2.55	2.70	2.86	3.02	3.34	3.66	4.30	4.94	5.59	6.25
	200	3.05	3.34	3.64	3.93	4.23	4.52	4.82	5.12	5.41	5.71	6.31	6.92	8.13	9.35	10.58	11.82
	300	4.43	4.86	5.28	5.71	6.14	6.57	7.00	7.43	7.86	8.30	9.17	10.04	11.81	13.58	15.37	17.16
	400	5.77	6.33	6.88	7.44	7.99	8.55	9.12	9.68	10.24	10.81	11.95	13.09	15.38	17.69	20.02	22.35
	500	7.09	7.77	8.45	9.13	9.82	10.50	11.19	11.88	12.58	13.27	14.66	16.07	18.88	21.72	24.57	27.43
	600	8.38	9.19	9.99	10.80	11.61	12.42	13.23	14.05	14.87	15.69	17.34	18.99	22.32	25.67	29.04	32.42
	700	9.66	10.58	11.51	12.44	13.37	14.31	15.25	16.19	17.13	18.08	19.98	21.88	25.71	29.57	33.44	37.33
	800	10.92	11.97	13.01	14.06	15.12	16.18	17.24	18.30	19.37	20.44	22.58	24.73	29.06	33.41	37.78	42.17
	900	11.76	12.92	14.08	15.26	16.43	17.62	18.81	20.00	21.20	22.41	24.83	27.27	32.18	37.14	42.14	47.17
	1000	12.76	14.02	15.28	16.55	17.83	19.11	20.40	21.70	23.00	24.30	26.93	29.57	34.89	40.26	45.67	51.10
	1100	13.74	15.09	16.45	17.82	19.19	20.57	21.96	23.35	24.75	26.16	28.98	31.82	37.54	43.30	49.10	54.93
1200	14.69	16.14	17.59	19.05	20.52	22.00	23.48	24.97	26.47	27.97	30.98	34.01	40.11	46.26	52.44	58.64	
1300	15.63	17.17	18.71	20.27	21.83	23.40	24.97	26.56	28.15	29.74	32.94	36.16	42.64	49.15	55.70	62.26	
1400	16.55	18.18	19.81	21.46	23.11	24.77	26.44	28.11	29.79	31.48	34.86	38.26	45.10	51.98	58.88	65.79	
1500	17.46	19.17	20.89	22.63	24.37	26.12	27.88	29.64	31.41	33.18	36.75	40.32	47.52	54.74	61.98	69.22	
1600	18.35	20.15	21.96	23.78	25.61	27.45	29.29	31.14	33.00	34.86	38.60	42.35	49.88	57.44	65.01	72.56	
1700	19.22	21.11	23.01	24.91	26.83	28.75	30.68	32.62	34.56	36.51	40.41	44.34	52.20	60.09	67.97	75.82	
1800	20.09	22.06	24.04	26.03	28.03	30.04	32.05	34.07	36.10	38.13	42.20	46.29	54.48	62.68	70.85	78.99	
1900	20.94	23.00	25.06	27.13	29.22	31.30	33.40	35.50	37.61	39.72	43.96	48.20	56.71	65.21	73.67	82.08	
2000	21.79	23.92	26.06	28.22	30.38	32.55	34.73	36.91	39.10	41.29	45.69	50.09	58.90	67.69	76.42	85.08	
2500	25.85	28.37	30.91	33.45	36.00	38.55	41.11	43.67	46.24	48.80	53.93	59.05	69.23	79.29	89.18	98.85	
3000	29.70	32.59	35.48	38.38	41.28	44.19	47.09	49.99	52.89	55.79	61.55	67.28	78.57	89.59	100.24		
3500	33.38	36.60	39.82	43.05	46.27	49.49	52.71	55.91	59.10	62.28	68.58	74.81	86.94	98.56			
60mm (2.36 in.) Wide Belt (8M-60)																	
Smallest Sprocket RPM	870	19.64	21.58	23.52	25.48	27.45	29.43	31.42	33.41	35.42	41.48	45.55	53.76	62.05	70.41	78.82	
	1160	24.54	26.95	29.38	31.83	34.28	36.75	39.23	41.72	44.21	46.72	51.76	56.82	67.03	77.31	87.65	98.03
	1750	33.71	37.01	40.34	43.68	47.04	50.41	53.79	57.18	60.58	63.99	70.84	77.70	91.47	105.26	119.03	132.74
	3450	56.61	62.08	67.56	73.03	78.51	83.98	89.44	94.89	100.31	105.71	116.44	127.03	147.72	167.57		
	10	0.33	0.36	0.40	0.43	0.46	0.49	0.52	0.56	0.59	0.62	0.69	0.75	0.89	1.02	1.15	1.29
	20	0.63	0.69	0.75	0.81	0.87	0.93	0.99	1.05	1.12	1.18	1.30	1.43	1.68	1.93	2.18	2.44
	30	0.91	1.00	1.09	1.18	1.26	1.35	1.44	1.53	1.62	1.71	1.89	2.07	2.43	2.80	3.17	3.54
	50	1.46	1.60	1.74	1.88	2.02	2.17	2.31	2.45	2.59	2.74	3.02	3.31	3.90	4.48	5.07	5.66
	70	1.99	2.18	2.37	2.57	2.76	2.95	3.15	3.34	3.53	3.73	4.12	4.52	5.31	6.11	6.91	7.72
	100	2.77	3.03	3.30	3.56	3.83	4.10	4.37	4.64	4.91	5.18	5.72	6.27	7.37	8.48	9.59	10.71
	200	5.23	5.73	6.24	6.74	7.25	7.75	8.26	8.77	9.28	9.80	10.83	11.86	13.94	16.04	18.15	20.27
	300	7.60	8.33	9.05	9.79	10.52	11.26	12.00	12.74	13.48	14.23	15.72	17.22	20.24	23.29	26.35	29.42
	400	9.90	10.85	11.80	12.75	13.71	14.67	15.63	16.60	17.56	18.53	20.48	22.44	26.37	30.34	34.32	38.32
	500	12.16	13.32	14.48	15.66	16.83	18.01	19.19	20.38	21.56	22.75	25.15	27.55	32.38	37.24	42.12	47.03
	600	14.38	15.75	17.13	18.51	19.90	21.29	22.69	24.09	25.50	26.91	29.73	32.57	38.28	44.02	49.79	55.59
	700	16.57	18.15	19.74	21.33	22.93	24.54	26.15	27.76	29.38	31.00	34.25	37.52	44.09	50.70	57.34	64.00
	800	18.73	20.52	22.31	24.12	25.93	27.74	29.56	31.38	33.21	35.04	38.72	42.41	49.83	57.29	64.78	72.30
	900	20.17	22.15	24.15	26.16	28.18	30.21	32.25	34.30	36.36	38.42	42.58	46.75	55.18	63.69	72.26	80.88
	1000	21.88	24.03	26.20	28.38	30.57	32.77	34.98	37.21	39.44	41.67	46.18	50.70	59.83	69.04	78.31	87.63
	1100	23.55	25.87	28.20	30.55	32.90	35.27	37.65	40.04	42.44	44.85	49.69	54.55	64.36	74.25	84.19	94.18
1200	25.19	27.67	30.16	32.67	35.19	37.72	40.26	42.82	45.38	47.95	53.12	58.32	68.78	79.33	89.92	100.55	
1300	26.80	29.43	32.09	34.75	37.43	40.12	42.82	45.54	48.26	50.99	56.48	62.00	73.11	84.28	95.51	106.76	
1400	28.38	31.17	33.97	36.79	39.63	42.48	45.34	48.21	51.08	53.97	59.78	65.61	77.34	89.13	100.96	112.80	
1500	29.93	32.87	35.83	38.80	41.79	44.79	47.80	50.82	53.86	56.90	63.01	69.14	81.48	93.87	106.28	118.69	
1600	31.46	34.55	37.65	40.78	43.91	47.06	50.23	53.40	56.58	59.77	66.18	72.61	85.54	98.50	111.47	124.42	
1700	32.96	36.20	39.45	42.72	46.00	49.30	52.61	55.93	59.26	62.60	69.30	76.02	89.51	103.03	116.54	130.01	
1800	34.45	37.83	41.22	44.64	48.06	51.51	54.96	58.42	61.90	65.38	72.36	79.37	93.41	107.47	121.49	135.45	
1900	35.91	39.43	42.97	46.52	50.09	53.68	57.27	60.88	64.49	68.11	75.38	82.66	97.24	111.81	126.33	140.74	
2000	37.36	41.01	44.69	48.39	52.10	55.82	59.55	63.30	67.05	70.81	78.34	85.89	100.99	116.06	131.04	145.89	
2500	44.33	48.65	53.00	57.35	61.72	66.11	70.49	74.89	79.28	83.68	92.47	101.25	118.71	135.95	152.91	169.49	
3000	50.93	55.88	60.84	65.81	70.79	75.77	80.75	85.72	90.69	95.66	105.54	115.36	134.73	153.62	171.88		
3500	57.23	62.75	68.28	73.82	79.35	84.87	90.38	95.87	101.34	106.79	117.60	128.27	149.07	169.00			
4000	63.25	69.31	75.36	81.41	87.44	93.44	99.42	105.36	111.26	117.11	128.66	139.96	161.69				
4500	69.01	75.57	82.10	88.61	95.08	101.51	107.88	114.19	120.44	126.61	138.70	150.41					
5000	74.53	81.54	88.51	95.43	10												

14 mm High HP HTS Belt Horsepower Ratings



The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

		65mm (2.56 in.) Wide Belt (14M-65)																	
No. Teeth	PD	28	29	30	32	34	36	38	40	44	48	52	56	60	64	68	72	80	
		mm in.	4.91 124.78	5.09 129.23	5.26 133.69	5.61 142.60	5.97 151.52	6.32 160.43	6.67 169.34	7.02 178.25	7.72 196.08	8.42 213.90	9.12 231.73	9.82 249.55	10.53 267.38	11.23 285.21	11.93 303.03	12.63 320.86	14.04 356.51
Smallest Sprocket RPM	870	28.21	29.23	30.24	32.26	34.29	36.31	38.33	40.34	44.37	48.39	52.40	56.39	60.37	64.33	68.27	72.20	79.99	
	1160	34.93	36.17	37.42	39.91	42.40	44.88	47.35	49.82	54.74	59.63	64.49	69.31	74.10	78.84	83.54	88.19	97.34	
	1750	47.19	48.85	50.50	53.80	57.07	60.33	63.57	66.78	73.13	79.38	85.51	91.51	97.37	103.08	108.63	114.01		
	3450	74.98	77.34	79.68	84.23	88.63	92.87												
	10	0.46	0.47	0.49	0.52	0.56	0.59	0.62	0.65	0.72	0.78	0.85	0.92	0.98	1.05	1.11	1.18	1.31	
	20	0.87	0.90	0.93	0.99	1.05	1.11	1.18	1.24	1.36	1.48	1.61	1.73	1.86	1.98	2.10	2.23	2.48	
	30	1.26	1.30	1.35	1.44	1.53	1.62	1.71	1.80	1.98	2.16	2.34	2.52	2.70	2.88	3.06	3.24	3.59	
	50	2.01	2.08	2.15	2.30	2.44	2.59	2.73	2.87	3.16	3.45	3.74	4.02	4.31	4.60	4.89	5.18	5.75	
	70	2.74	2.84	2.94	3.13	3.33	3.52	3.72	3.92	4.31	4.70	5.09	5.48	5.88	6.27	6.66	7.05	7.84	
	100	3.80	3.94	4.08	4.35	4.62	4.89	5.17	5.44	5.98	6.53	7.07	7.61	8.16	8.70	9.25	9.79	10.88	
	200	7.20	7.46	7.71	8.23	8.74	9.26	9.77	10.29	11.32	12.35	13.37	14.40	15.43	16.46	17.49	18.52	20.57	
	300	10.45	10.83	11.20	11.95	12.69	13.44	14.19	14.93	16.43	17.92	19.41	20.90	22.40	23.89	25.38	26.87	29.84	
	400	13.62	14.10	14.59	15.56	16.53	17.51	18.48	19.45	21.39	23.34	25.28	27.22	29.16	31.09	33.03	34.96	38.83	
	500	16.72	17.31	17.91	19.10	20.29	21.49	22.68	23.87	26.25	28.63	31.01	33.39	35.76	38.13	40.49	42.86	47.57	
	600	19.76	20.47	21.17	22.58	23.99	25.40	26.81	28.21	31.02	33.83	36.63	39.43	42.23	45.02	47.80	50.58	56.12	
	700	22.76	23.58	24.39	26.01	27.63	29.25	30.87	32.49	35.72	38.94	42.16	45.37	48.58	51.77	54.96	58.14	64.47	
	800	25.73	26.64	27.56	29.39	31.22	33.05	34.87	36.70	40.34	43.97	47.60	51.21	54.81	58.40	61.98	65.54	72.63	
	900	28.94	29.97	31.01	33.09	35.16	37.23	39.30	41.37	45.49	49.61	53.71	57.79	61.86	65.92	69.95	73.96	81.91	
	1000	31.29	32.41	33.53	35.77	38.01	40.24	42.47	44.70	49.14	53.57	57.98	62.36	66.72	71.06	75.37	79.64	88.10	
	1100	33.58	34.78	35.98	38.38	40.77	43.16	45.55	47.93	52.67	57.40	62.09	66.76	71.39	75.99	80.55	85.07	93.97	
	1200	35.81	37.09	38.37	40.92	43.46	46.00	48.54	51.06	56.10	61.10	66.06	70.99	75.87	80.71	85.49	90.23	99.52	
	1300	37.99	39.34	40.69	43.39	46.08	48.76	51.44	54.11	59.41	64.68	69.89	75.06	80.17	85.23	90.21	95.13	104.75	
	1400	40.11	41.54	42.96	45.80	48.63	51.45	54.26	57.06	62.63	68.14	73.59	78.98	84.30	89.54	94.71	99.78	109.66	
	1500	42.19	43.69	45.18	48.15	51.12	54.07	57.01	59.94	65.75	71.49	77.16	82.75	88.25	93.66	98.97	104.18	114.24	
	1600	44.22	45.78	47.34	50.45	53.54	56.62	59.69	62.73	68.77	74.73	80.59	86.37	92.03	97.58	103.01	108.31	118.48	
	1700	46.21	47.84	49.46	52.69	55.91	59.11	62.29	65.45	71.70	77.86	83.90	89.83	95.63	101.30	106.81	112.18		
	1800	48.16	49.85	51.53	54.89	58.22	61.54	64.83	68.09	74.54	80.88	87.08	93.15	99.06	104.81	110.39			
	1900	50.06	51.81	53.56	57.03	60.48	63.90	67.29	70.66	77.29	83.79	90.13	96.31	102.31	108.12				
	2000	51.93	53.74	55.54	59.12	62.68	66.20	69.69	73.15	79.95	86.59	93.05	99.32	105.38	111.21				
	2500	60.71	62.78	64.83	68.88	72.88	76.82	80.70	84.50	91.89	98.95								
	3000	68.61	70.87	73.10	77.49	81.77	85.96	90.02	93.97										
	3500	75.64	78.02	80.36	84.92	89.32	93.56												
			90mm (3.54 in.) Wide Belt (14M-90)																
	Smallest Sprocket RPM	870	59.31	61.44	63.57	67.82	72.08	76.32	80.57	84.81	93.28	101.73	110.15	118.54	126.90	135.23	143.52	151.78	168.15
		1160	73.42	76.05	78.67	83.90	89.12	94.34	99.54	104.73	115.07	125.36	135.57	145.71	155.77	165.74	175.62	185.40	204.63
1750		99.20	102.69	106.16	113.09	119.98	126.83	133.63	140.39	153.74	166.87	179.76	192.37	204.69	216.69	228.36	239.67		
3450		157.62	162.59	167.50	177.07	186.32	195.23												
10		0.96	1.00	1.03	1.10	1.17	1.24	1.31	1.37	1.51	1.65	1.79	1.92	2.06	2.20	2.34	2.48	2.75	
20		1.82	1.88	1.95	2.08	2.21	2.34	2.47	2.60	2.86	3.12	3.38	3.64	3.90	4.16	4.42	4.68	5.20	
30		2.64	2.74	2.83	3.02	3.21	3.40	3.59	3.78	4.15	4.53	4.91	5.29	5.67	6.04	6.42	6.80	7.56	
50		4.23	4.38	4.53	4.83	5.13	5.44	5.74	6.04	6.65	7.25	7.86	8.46	9.07	9.67	10.28	10.88	12.09	
70		5.76	5.97	6.17	6.59	7.00	7.41	7.82	8.23	9.06	9.88	10.71	11.53	12.35	13.18	14.00	14.83	16.48	
100		8.00	8.28	8.57	9.14	9.71	10.29	10.86	11.43	12.57	13.72	14.86	16.01	17.15	18.30	19.44	20.59	22.87	
200		15.13	15.67	16.22	17.30	18.38	19.46	20.54	21.62	23.79	25.95	28.12	30.28	32.44	34.60	36.77	38.93	43.25	
300		21.97	22.76	23.54	25.11	26.68	28.25	29.82	31.39	34.53	37.67	40.81	43.94	47.08	50.21	53.35	56.48	62.74	
400		28.62	29.65	30.67	32.71	34.76	36.80	38.85	40.89	44.97	49.06	53.14	57.22	61.29	65.36	69.43	73.50	81.62	
500		35.14	36.39	37.65	40.16	42.66	45.17	47.68	50.18	55.19	60.19	65.19	70.18	75.17	80.15	85.13	90.10	100.01	
600		41.54	43.03	44.51	47.47	50.43	53.39	56.35	59.31	65.22	71.12	77.01	82.89	88.77	94.63	100.49	106.33	117.97	
700		47.85	49.56	51.27	54.68	58.08	61.49	64.89	68.29	75.08	81.86	88.63	95.38	102.12	108.84	115.54	122.22	135.52	
800		54.09	56.01	57.94	61.79	65.63	69.47	73.31	77.15	84.80	92.44	100.06	107.66	115.23	122.78	130.30	137.79	152.68	
900		60.83	63.01	65.19	69.55	73.91	78.26	82.61	86.96	95.63	104.28	112.90	121.49	130.05	138.57	147.04	155.47	172.19	
1000		65.78	68.14	70.49	75.20	79.90	84.60	89.28	93.97	103.31	112.61	121.88	131.09	140.26	149.38	158.43	167.43	185.21	
1100		70.60	73.12	75.64	80.68	85.71	90.74	95.75	100.76	110.73	120.66	130.53	140.33	150.07	159.74	169.32	178.83	197.55	
1200		75.29	77.97	80.66	86.02	91.37	96.71	102.03	107.34	117.92	128.44	138.87	149.23	159.49	169.66	179.73	189.68	209.21	
1300		79.86	82.70	85.54	91.21	96.87	102.51	108.14	113.74	124.89	135.96	146.93	157.79	168.54	179.16	189.65	199.99	220.21	
1400		84.33	87.32	90.31	96.28	102.23	108.16	114.07	119.96	131.66	143.24	154.70	166.03	177.21	188.24	199.09	209.77	230.52	
1500		88.69	91.83	94.97	101.23	107.46	113.67	119.85	126.00	138.21	150.28	162.20	173.95	185.52	196.90	208.06	219.00	240.15	
1600		92.96	96.25	99.52	106.06	112.56	119.03	125.47	131.88	144.57	157.09	169.43	181.56	193.47	205.13	216.55	227.69	249.08	
1700		97.14	100.56	103.98	110.77	117.54	124.26	130.95	137.59	150.73	163.67	176.38	188.84	201.04	212.95	224.55	235.82		
1800		101.24	104.79	108.33	115.38	122.40	129.36	136.28	143.14	156.70	170.02	183.07	195.82	208.25	220.33	232.05			
1900		105.24	108.92	112.59	119.89	127.14	134.33	141.46	148.54	162.49	176.14	189.48	202.47	215.08	227.28				
2000		109.17	112.97	116.76	124.29	131.76	139.17	146.51	153.78	168.08	182.04	195.62	208.80	221.53	233.79				
2500		127.63	131.97	136.28	144.80	153.21	161.49	169.64	177.64	193.17	208.02								
3000		144.24	148.97	153.66	162.89	171.91	180.70	189.25	197.55										
3500		159.01	164.01	168.92	178.52	187.78	196.67												

PULLEYS

K-190 Drives falling within the shaded area may be considered noisy and require a sound dampening guard to reduce noise emission.

14 mm High HP HTS Belt Horsepower Ratings



The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

		15mm (.59 in.) Wide Belt (5M-15)																
No. Teeth		28	29	30	32	34	36	38	40	44	48	52	56	60	64	68	72	80
	PD	mm	4.91	5.09	5.26	5.61	5.97	6.32	6.67	7.02	7.72	8.42	9.12	9.82	10.53	11.23	11.93	12.63	14.04
	in.	124.78	129.23	133.69	142.60	151.52	160.43	169.34	178.25	196.08	213.90	231.73	249.55	267.38	285.21	303.03	320.86	356.51
	870	169.57	175.66	181.74	193.90	206.06	218.21	230.34	242.47	266.68	290.82	314.90	338.90	362.81	386.62	410.32	433.91	480.71
	1160	209.91	217.41	224.90	239.86	254.80	269.71	284.58	299.42	328.99	358.38	387.58	416.58	445.34	473.85	502.09	530.05	585.01
	1750	283.61	293.57	303.52	323.32	343.02	362.59	382.04	401.35	439.54	477.08	513.91	549.97	585.19	619.51	652.87	685.20	
	3450	450.62	464.84	478.86	506.23	532.68	558.13											
	10	2.75	2.85	2.95	3.14	3.34	3.54	3.73	3.93	4.32	4.72	5.11	5.50	5.90	6.29	6.68	7.08	7.86
Smallest Sprocket RPM	20	5.20	5.39	5.57	5.95	6.32	6.69	7.06	7.43	8.18	8.92	9.67	10.41	11.16	11.90	12.64	13.39	14.88
	30	7.55	7.82	8.09	8.63	9.17	9.71	10.26	10.80	11.88	12.96	14.04	15.12	16.20	17.28	18.36	19.44	21.61
	50	12.09	12.52	12.95	13.81	14.68	15.54	16.41	17.27	19.00	20.73	22.46	24.19	25.92	27.65	29.38	31.11	34.57
	70	16.47	17.06	17.65	18.83	20.00	21.18	22.36	23.54	25.89	28.25	30.61	32.96	35.32	37.68	40.03	42.39	47.11
	100	22.87	23.69	24.50	26.14	27.77	29.41	31.04	32.68	35.95	39.22	42.49	45.76	49.04	52.31	55.58	58.85	65.39
	200	43.27	44.81	46.36	49.45	52.54	55.64	58.73	61.82	68.01	74.19	80.38	86.56	92.75	98.93	105.11	111.30	123.65
	300	62.82	65.06	67.31	71.80	76.29	80.77	85.26	89.75	98.72	107.70	116.67	125.63	134.60	143.56	152.52	161.47	179.36
	400	81.84	84.76	87.68	93.53	99.37	105.21	111.06	116.90	128.58	140.25	151.92	163.57	175.23	186.87	198.50	210.13	233.34
	500	100.46	104.05	107.63	114.80	121.97	129.14	136.30	143.46	157.78	172.08	186.37	200.65	214.91	229.15	243.37	257.58	285.92
	600	118.77	123.01	127.24	135.71	144.18	152.64	161.10	169.55	186.45	203.32	220.17	236.99	253.78	270.55	287.28	303.98	337.26
	700	136.81	141.69	146.57	156.31	166.05	175.79	185.52	195.24	214.65	234.04	253.38	272.68	291.94	311.15	330.31	349.41	387.44
	800	154.63	160.14	165.64	176.64	187.64	198.62	209.59	220.56	242.45	264.28	286.06	307.78	329.43	351.01	372.51	393.92	436.49
	900	173.90	180.14	186.38	198.84	211.30	223.75	236.18	248.61	273.41	298.13	322.78	347.34	371.80	396.15	420.38	444.48	492.27
	1000	188.06	194.80	201.53	214.99	228.43	241.85	255.26	268.64	295.35	321.95	348.43	374.79	401.00	427.06	452.95	478.66	529.49
	1100	201.83	209.04	216.26	230.66	245.05	259.41	273.75	288.05	316.57	344.95	373.16	401.20	429.05	456.68	484.08	511.25	564.77
	1200	215.24	222.92	230.59	245.91	261.21	276.47	291.70	306.89	337.13	367.19	397.03	426.63	455.98	485.05	513.82	542.27	598.12
	1300	228.31	236.44	244.56	260.77	276.94	293.07	309.15	325.18	357.06	388.70	420.06	451.12	481.84	512.21	542.19	571.76	629.55
	1400	241.08	249.65	258.20	275.26	292.27	309.23	326.12	342.95	376.39	409.51	442.29	474.67	506.64	538.16	569.19	599.70	659.04
	1500	253.57	262.55	271.51	289.40	307.22	324.97	342.64	360.23	395.14	429.65	463.72	497.32	530.39	562.91	594.83	626.10	686.57
	1600	265.78	275.16	284.53	303.21	321.80	340.31	358.72	377.03	413.31	449.11	484.38	519.06	553.10	586.46	619.09	650.93	712.09
	1700	277.73	287.50	297.26	316.70	336.03	355.26	374.37	393.36	430.93	467.92	504.26	539.89	574.76	608.80	641.96	674.18	
	1800	289.43	299.58	309.71	329.87	349.92	369.83	389.61	409.24	448.01	486.07	523.37	559.82	595.36	629.91	663.42		
	1900	300.88	311.40	321.88	342.75	363.47	384.04	404.44	424.66	464.53	503.57	541.70	578.84	614.89	649.79			
	2000	312.11	322.97	333.80	355.33	376.69	397.87	418.86	439.63	480.52	520.42	559.26	596.93	633.34	668.39			
	2500	364.89	377.29	389.60	413.98	438.03	461.70	484.98	507.85	552.25	594.71							
	3000	412.36	425.90	439.31	465.69	491.47	516.60	541.05	564.77									
	3500	454.60	468.88	482.94	510.38	536.84	562.27											