



PowerDrive



Web Construction
6FFT6



Timing Belt Pulleys

For XL, L, and H timing belts, see page 106

No-slip positive drive pulleys with wide belt speed and load capacity ranges maintain a constant speed ratio.

Plain Bore—For light-duty applications up to ¼ HP. Aluminum material. Each includes 2 hollow head setscrews; no keyway.

Standard keyway and setscrew machining guide located on page 119

Bushed Bore—Steel material. Select ⅜" pulleys for applications up to 4 HP, ½" pulleys for applications up to 20 HP.

Require bushings; order separately on page 115



Continental
ContiTech

Timing Belt Pulleys

- 8mm pitch
- Timing belts sold separately on page 107
- Bushings sold separately on page 115

Positive drive-tooth engagement eliminates slippage and speed variation. Cast-iron pulleys provide uniform speed transfer.

Note: Additional sizes of Continental ContiTech Drive Timing Belt Pulleys are available on Grainger.com.

No. of Grooves	Bore Dia.	Max. Bore Dia.	Pitch Dia.	Outside Dia.	Flange Dia.	Width	Construction	Item No.
Plain Bore, ½ in Pitch for ¼ in, ⅜ in Wide XL Timing Belts								
10	⅜ in	¼ in	0.637 in	0.617 in	⅜ in	⅝ in	Solid	6FFR3
12	⅜ in	⅝ in	0.764 in	0.744 in	1 in	⅝ in	Solid	6FFR5
14	¼ in	⅜ in	0.891 in	0.871 in	1 ½ in	⅝ in	Solid	6FFR6
15	¼ in	⅜ in	0.955 in	0.935 in	1 ¾ in	⅝ in	Solid	6FFR7
16	¼ in	⅞ in	1.019 in	0.999 in	1 ¾ in	⅝ in	Solid	6FFR8
18	¼ in	½ in	1.146 in	1.126 in	1 ¾ in	⅝ in	Solid	6FFR9
20	¼ in	⅞ in	1.273 in	1.253 in	1 ½ in	⅝ in	Solid	6FFT0
21	¼ in	⅝ in	1.337 in	1.317 in	1 ¾ in	⅝ in	Solid	6FFT1
22	¼ in	⅝ in	1.401 in	1.381 in	1 ¾ in	⅝ in	Solid	6FFT2
24	¼ in	⅝ in	1.528 in	1.508 in	1 ¾ in	⅝ in	Solid	6FFT3
28	¼ in	¾ in	1.783 in	1.763 in	2 in	⅝ in	Solid	6FFT4
30	⅝ in	1 ⅞ in	1.91 in	1.89 in	2 ½ in	⅝ in	Solid	6FFT5
32	⅝ in	1 in	2.037 in	2.017 in	—	⅝ in	Web	6FFT6
36	⅝ in	1 in	2.295 in	2.272 in	—	⅝ in	Web	6FFT7
40	⅝ in	1 in	2.456 in	2.526 in	—	⅝ in	Web	6FFT8
44	⅝ in	1 in	2.801 in	2.781 in	—	⅝ in	Web	6FFV0
48	⅝ in	1 in	3.056 in	3.036 in	—	⅝ in	Web	6FFV1
60	⅝ in	1 in	3.82 in	3.8 in	—	⅝ in	Web	6FFV2
72	⅝ in	1 in	4.584 in	4.564 in	—	⅝ in	Web	6FFV3

No. of Grooves	Bushing Req.	Pitch Dia.	Outside Dia.	Flange Dia.	Width	Construction	Item No.
Bushed Bore, ¾ in Pitch for ½ in Wide L Timing Belts							
18	G	2.149 in	2.119 in	2 ⅜ in	¾ in	Solid	6FFV4
19	G	2.268 in	2.238 in	2 ⅝ in	¾ in	Solid	6FFV5
20	G	2.387 in	2.357 in	2 ⅝ in	¾ in	Solid	6FFV6
21	G	2.507 in	2.477 in	2 ¾ in	¾ in	Solid	6FFV7
22	G	2.626 in	2.596 in	3 in	¾ in	Solid	6FFV8
24	H, QT	2.865 in	2.835 in	3 ¼ in	¾ in	Solid	6FFV9
26	H, QT	3.104 in	3.074 in	3 ⅝ in	¾ in	Solid	6GEG6
28	H, QT	3.342 in	3.312 in	3 ¾ in	¾ in	Solid	6GEG7
30	H, QT	3.581 in	3.551 in	3 ¾ in	¾ in	Solid	6GEG8
32	H, QT	3.82 in	3.79 in	4 ¼ in	¾ in	Solid	6GEG9
36	H, QT	4.297 in	4.267 in	4 ½ in	¾ in	Solid	6GEH0
40	H, QT	4.775 in	4.745 in	5 in	¾ in	Solid	6GEH1
44	H, QT	5.252 in	5.222 in	5 ½ in	¾ in	Solid	6GEH2
48	H, QT	5.73 in	5.7 in	6 in	¾ in	Solid	6GEH3

No. of Grooves	Bushing Req.	Pitch Dia.	Outside Dia.	Flange Dia.	Width	Construction	Item No.
Bushed Bore, ¾ in Pitch for 1 in Wide L Timing Belts							
18	G	2.149 in	2.119 in	2 ⅜ in	1 ¼ in	Solid	6GEH5
19	G	2.268 in	2.238 in	2 ⅝ in	1 ¼ in	Solid	6GEH6
20	G	2.387 in	2.357 in	2 ⅝ in	1 ¼ in	Solid	6GEH7
21	G	2.507 in	2.477 in	2 ¾ in	1 ¼ in	Solid	6GEH8
22	G	2.626 in	2.596 in	3 in	1 ¼ in	Solid	6GEH9
24	H, QT	2.865 in	2.835 in	3 ¼ in	1 ¼ in	Solid	6GEJ0
26	H, QT	3.104 in	3.074 in	3 ⅝ in	1 ¼ in	Solid	6GEJ1
28	H, QT	3.342 in	3.312 in	3 ¾ in	1 ¼ in	Solid	6GEJ2
30	H, QT	3.581 in	3.551 in	3 ¾ in	1 ¼ in	Solid	6GEJ3
32	H, QT	3.82 in	3.79 in	4 ¼ in	1 ¼ in	Solid	6GEJ4
36	H, QT	4.297 in	4.267 in	4 ½ in	1 ¼ in	Solid	6GEJ5
40	H, QT	4.775 in	4.745 in	5 in	1 ¼ in	Solid	6GEJ7
44	H, QT	5.252 in	5.222 in	5 ½ in	1 ¼ in	Solid	6GEJ8
48	H, QT	5.73 in	5.7 in	6 in	1 ¼ in	Solid	6GEJ9
60	H, QT	7.162 in	7.132 in	—	1 ¼ in	Web	6GEK0

No. of Grooves	Bushing Req.	Pitch Dia.	Outside Dia.	Flange Dia.	Width	Construction	Item No.
Bushed Bore, ½ in Pitch for 1 in Wide H Timing Belts							
14	G	2.228 in	2.174 in	2 ⅜ in	1 ¼ in	Solid	6GEK1
16	G	2.546 in	2.492 in	2 ¾ in	1 ¼ in	Solid	6GEK2
18	H, QT	2.856 in	2.811 in	3 ¼ in	1 ¼ in	Solid	6GEK3
20	H, QT	3.183 in	3.129 in	3 ⅝ in	1 ¼ in	Solid	6GEK4
22	H, QT	3.501 in	3.447 in	3 ¾ in	1 ¼ in	Solid	6GEK5
22	P1	3.501 in	3.447 in	3 ¾ in	1 ¼ in	Solid	6GEK6
24	H, QT	3.82 in	3.766 in	4 ¼ in	1 ¼ in	Solid	6GEK7
26	H, QT	4.138 in	4.084 in	4 ¾ in	1 ¼ in	Solid	6GEK9
28	H, QT	4.456 in	4.402 in	4 ½ in	1 ¼ in	Solid	6GEL0
30	H, QT	4.775 in	4.721 in	5 in	1 ¼ in	Solid	6GEL1
30	P1	4.775 in	4.721 in	5 in	1 ¼ in	Solid	6GEL2
32	Q1	5.093 in	5.039 in	5 ⅝ in	1 ¼ in	Solid	6GEL3
40	Q1	6.366 in	6.312 in	6 ⅝ in	1 ¼ in	Solid	6GEL5
44	Q1	7.003 in	6.949 in	7 ⅝ in	1 ¼ in	Solid	6GEL6
48	Q1	7.639 in	7.585 in	8 in	1 ¼ in	Solid	6GEL7
60	Q1	9.549 in	9.495 in	—	1 ¼ in	Web	6GEL8
72	Q1	11.459 in	11.405 in	—	1 ¼ in	Web	6GEL9

No. of Grooves	Pitch Dia.	Outside Dia.	12 mm WIDE Bushing Required	Item No.	21 mm WIDE Bushing Required	Item No.	36 mm WIDE Bushing Required	Item No.
Bushed Bore For Use With Falcon HTC Pd and ContiTech Synchrochain Timing Belts								
22	56.023 mm	54.42 mm	—	—	1008	3PDV4	—	—
30	76.395 mm	74.79 mm	—	—	—	—	1615	3PDW4

No. of Grooves	Pitch Dia.	Outside Dia.	12 mm WIDE Bushing Required	Item No.	21 mm WIDE Bushing Required	Item No.	36 mm WIDE Bushing Required	Item No.
Bushed Bore For Use With Falcon Pd and ContiTech Synchrochain Timing Belts								
22	56.023 mm	54.42 mm	1008	2UWF4	—	—	—	—
25	63.662 mm	62.06 mm	1108	2UWF5	1108	2UWF6	—	—
28	71.302 mm	69.7 mm	1108	2UWG1	1108	2UWG2	—	—
30	76.395 mm	74.79 mm	1108	2UWG3	1610	2UWG4	—	—
32	81.488 mm	79.89 mm	1210	2UWG7	1610	2UWG8	1615	2UWG9
34	86.581 mm	84.98 mm	1610	2UWH2	1610	2UWH3	1615	2UWH4
36	91.674 mm	90.07 mm	1610	2UWH6	1610	2UWH7	1615	2UWH8
38	96.767 mm	95.17 mm	1610	2UWJ1	1610	2UWJ2	1615	2UWJ3
40	101.86 mm	100.26 mm	1610	2UWJ4	1610	2UWJ5	2012	2UWJ6
45	114.592 mm	112.99 mm	2012	2UWJ9	2012	2UWK1	2012	2UWK2
48	122.231 mm	120.63 mm	2012	2UWK3	2012	2UWK4	2012	2UWK5
50	127.324 mm	127.32 mm	2012	2UWK6	2012	2UWK7	2012	2UWK8
53	134.964 mm	133.59 mm	—	—	2012	2UWK9	—	—
56	142.603 mm	141 mm	2012	2UWL1	2012	2UWL2	2517	2UWL3
60	152.789 mm	151.19 mm	2012	2UWL4	2517	2UWL5	2517	2UWL6
75	190.986 mm	189.39 mm	2012	2UWL8	2517	2UWL9	3020	2UWN1
80	203.719 mm	202.12 mm	2012	2UWN2	3020	2UWN3	3020	2UWN4

No. of Grooves	Pitch Dia.	Outside Dia.	20 mm WIDE Bushing Required	Item No.	30 mm WIDE Bushing Required	Item No.	50 mm WIDE Bushing Required	Item No.
Bushed Bore For Use With Hawk Pd and Dual Hi-Performance Pd Timing Belts								
24	61.12 mm	59.74 mm	JA	3PEC1	JA	3PED1	—	—
30	76.39 mm	75.13 mm	H, QT	3PEC3	H, QT	2UWN5	—	—
34	86.58 mm	85.22 mm	SH	3PEC4	SH	2UWN7	SH	3PED4
36	91.67 mm	90.3 mm	SH	3PEC5	SH	2UWN8	SH	3PED5
38	96.774 mm	95.4 mm	—	—	SH	2UWN9	—	—
40	101.86 mm	100.48 mm	SH	3PEC6	SH	2UWP1	SH	3PED6
44	112.04 mm	110.67 mm	—	—	SDS	2UWP2	—	—
48	122.23 mm	120.85 mm	SDS	3PEC7	SDS	3PED2	SD	3PED7
56	142.6 mm	141.22 mm	SDS	3PEC8	SDS	2UWP3	SD	3PED8
64	162.967 mm	161.59 mm	—	—	SK	2UWP4	SK	3PED9
72	183.35 mm	181.97 mm	SDS	3PEC9	SK	2UWP5	SK	3PEF1
80	203.708 mm	202.34 mm	—	—	SK	2UWP6	SF	3PEF2

No. of Grooves	Pitch Dia.	Outside Dia.	20 mm WIDE Bushing Required	Item No.	30 mm WIDE Bushing Required	Item No.	50 mm WIDE Bushing Required	Item No.
Bushed Bore For Use With SilentSync Timing Belts								
32	81.49 mm	80.12 mm	—	—	H, QT	45PN34	—	—
45	114.59 mm	113.22 mm	—	—	SDS	45PN45	—	—
80	203.72 mm	202.35 mm	—	—	SF	45PN60	—	—

No. of Grooves	Bore Dia.	Max. Bore Dia.	Pitch Dia.	Outside Dia.	Flange Dia.	Width	Item No.
Plain Bore For Use With Falcon HTC Pd and ContiTech Synchrochain Timing Belts							
25	½ in	1 ¼ in	63.662 mm	62.06 mm	—	36 mm	3PDV5
28	½ in	1 ¼ in	71.302 mm	69.7 mm	—	36 mm	3PDV9

No. of Grooves	Bore Dia.	Max. Bore Dia.	Pitch Dia.	Outside Dia.	Flange Dia.	Width	Item No.
Plain Bore For Use With Hawk Pd and Dual Hi-Performance Pd Timing Belts							
22	½ in	1 ¾ in	56.02 mm	54.66 mm	65.0 mm	28.6 mm	3PEA9
28	¾ in	1 ¾ in	71.3 mm	70.08 mm	80.0 mm	60.5 mm	3PED3

No. of Grooves	Bore Dia.	Max. Bore Dia.	Pitch Dia.	Outside Dia.	Flange Dia.	Width	Item No.
Plain Bore For Use With SilentSync Timing Belts							
24	½ in	—	61.12 mm	59.75 mm	—	33 mm	45PN17
30	½ in	—	76.4 mm	75.03 mm	—	33 mm	45PN33
60	½ in	—	152.79 mm	151.42 mm	—	33 mm	45PN54
60	½ in	—	152.79 mm	151.42 mm	—	17 mm	45PM87