



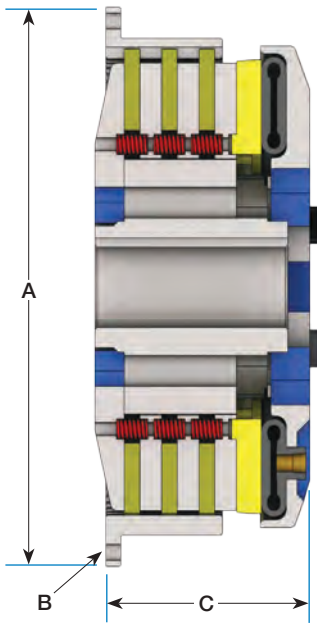
Power Grip & Power Grip PO Clutches





Power Grip High Speed Clutches

Pneumatic Clutches

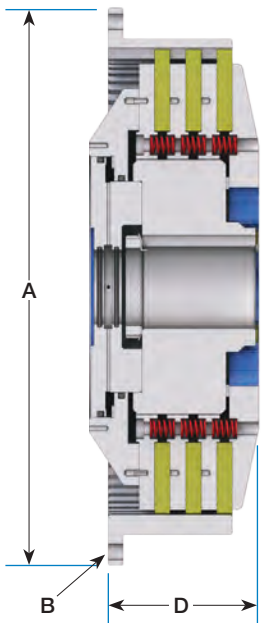


Power Grip High Speed Clutches is designed to withstand severe applications mounted to internal combustion engines. The drive rings will fit standard SAE industrial flywheels. Heavy-duty gear teeth friction discs are designed to withstand high shock loads. WPT's Power Grip High Speed clutches are well suited for bell housing gear box clutch applications.

Model	Maximum Input Torque*	Maximum Speed	Lining Area
	lbf-ft (N·m)	r/min	in ² (cm ²)
111	650 (881)	2500	110 (730)
211	1300 (1760)	2500	230 (1460)
311	1900 (2580)	2500	340 (2190)
114H	1200 (1630)	2300	160 (1020)
214H	2500 (3390)	2300	320 (2050)
314H	3800 (5150)	2300	480 (3070)
318	7100 (9630)	2100	780 (5050)
321	13500 (18300)	1800	1100 (6960)

*Pneumatic actuation at 100 PSI.
Hydraulic actuation at 500 PSI.

Hydraulic Clutches



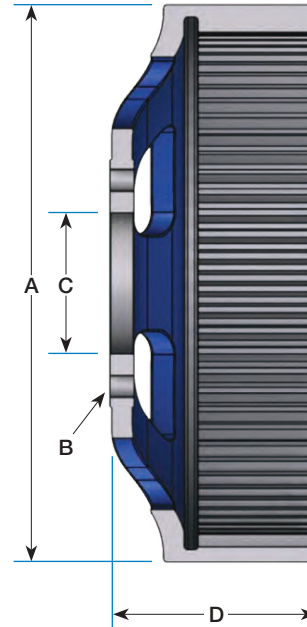
SIZE	Ring Type*	A		B			C	D
		+0.000/ -0.005	(+0.00/ -0.13)	Hole Circle	Diameter	Qty		
		in (mm)	in (mm)	in (mm)				
111	B					4 1/8 (104.8)	3 1/2 (89.2)	
211		13.875 (352.43)	13.13 (333.4)	13/32 (10.3)	8	5 3/8 (136.5)	4 1/2 (114.3)	
311						6 11/16 (169.9)	5 1/2 (140.2)	
114H	A					5 1/8 (130.2)	- -	
214H		18.375 (466.73)	17.25 (438.2)	17/32 (13.5)	8	6 5/8 (168.3)	4 5/8 (118.9)	
314H						8 (203.2)	5 7/16 (138.4)	
318		22.498 (571.45)	21.38 (542.9)	21/32 (16.7)	6	8 3/4 (222.3)	6 (153.2)	
321		26.500 (673.10)	33.50 (850.9)	21/32 (16.7)	12	10 1/8 (257.2)	- -	

Consult WPT Application Engineering for application assistance and applicable service factors.
Larger bore sizes may be accommodated, consult WPT Application Engineering.
Dynamic torque is 75% of static torque.
*For Drive Ring Dimensions see chart on page 3

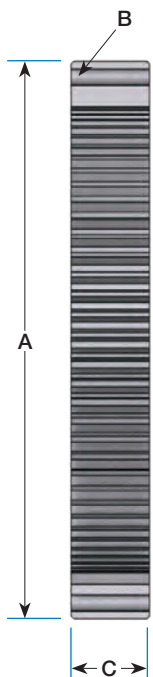
PO Drive Rings & Spider Flanges

Spider Flange Dimensions

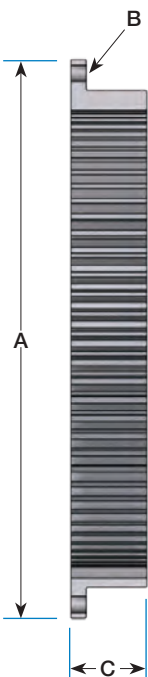
Size	A in (mm)	B			C +0.002/-0.000 (+0.05/-0.00)	D in (mm)	No. of Teeth	Weight lb (kg)
		Hole Circle in (mm)	Diameter in (mm)	Qty				
114	16 (406.4)	8.00 (203.2)	1/2 (12.7)	8	6.500 (165.10)	3 (79.4)	59	27 (12)
214						5 (114.3)		37 (17)
314						6 (152.4)		49 (22)
118	20 1/4 (514.4)	8.00 (203.2)	1/2 (12.7)	8	6.500 (165.10)	3 (82.6)	75	57 (26)
218						5 (125.4)		76 (35)
318						6 (160.3)		89 (40)
124	26 1/4 (666.8)	10.00 (254.0)	5/8 (15.9)	8	8.000 (203.20)	5 (114.3)	99	120 (55)
224						6 (161.9)		150 (70)
324						8 (211.2)		180 (82)



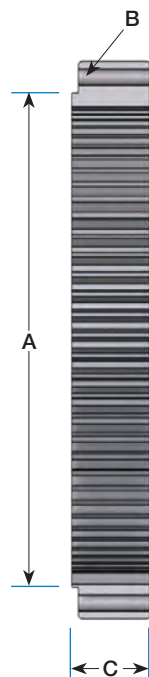
Type A



Type B



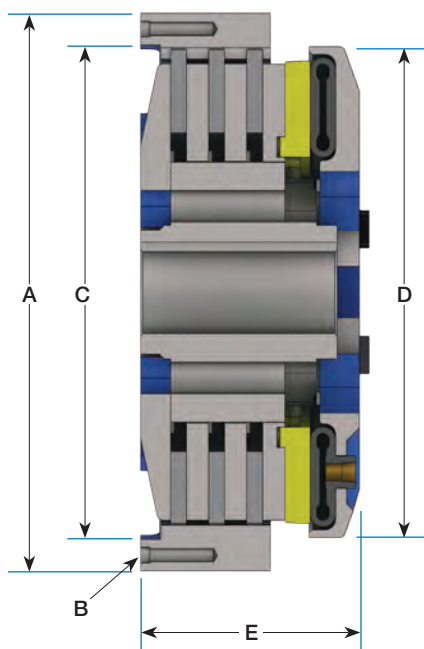
Type C



Drive Ring Dimensions

Size	Ring Type	A +0.000/-0.005 (+0.00/-0.13) in (mm)	B			C in (mm)	No. of Teeth	Weight lb (kg)
			Hole Circle in (mm)	Diameter in (mm)	Qty			
114	A	18.375 (466.73)	17.25 (438.2)	17/32 (13.5)	8	1 1/8 (28.6)	59	17 (8)
214	A					2 3/8 (60.3)		26 (12)
314	A					4 (101.6)		43 (20)
118	B	22.500 (571.50)	21.38 (542.9)	21/32 (16.7)	6	1 1/8 (28.6)	75	24 (11)
218	B					3 1/16 (77.8)		43 (20)
318	B					4 1/4 (108.0)		55 (25)
124	A	28.875 (733.43)	27.25 (692.2)	25/32 (19.8)	12	1 1/2 (38.1)	99	66 (30)
224	B					3 1/2 (88.9)		64 (29)
324	B					5 1/2 (139.7)		88 (40)
230	C	32.000 (812.80)	33.00 (838.2)	25/32 (19.8)	12	4 3/4 (120.7)	123	230 (105)
330	C					7 (177.8)		360 (165)
236	C					4 3/4 (120.7)	147	250 (112)
336	C	40.000 (1016)	38.50 (977.9)	25/32 (19.8)	16	7 1/2 (190.5)		380 (172)
342	C					7 1/2 (191.5)		530 (239)

Power Grip Clutches



Size	A	B			C		D	E
		Hole Circle	Thread Size	Quantity	+0.003/ -0.000	(+0.08/ -0.00)		
	in (mm)	in (mm)	in		in (mm)	in (mm)	in (mm)	
108	10 3/8 (263.5)	9.63 (244.5)	1/2-13	6	8.872 (225.35)	9 5/8 (244.5)	3 7/8 (98.43)	
208	10 3/8 (263.5)	9.63 (244.5)	1/2-13	6	8.872 (225.35)	9 5/8 (244.5)	5 1/4 (133.4)	
308	10 3/8 (263.5)	9.63 (244.5)	1/2-13	6	8.872 (225.35)	9 5/8 (244.5)	6 5/8 (168.3)	
111	14 3/8 (365.1)	13.38 (339.7)	5/8-11	8	12.375 (314.33)	11 15/16 (303.2)	4 1/8 (104.8)	
211	14 3/8 (365.1)	13.38 (339.7)	5/8-11	8	12.375 (314.33)	11 15/16 (303.2)	5 3/8 (136.5)	
311	14 3/8 (365.1)	13.38 (339.7)	5/8-11	8	12.375 (314.33)	11 15/16 (303.2)	6 11/16 (169.9)	
114H	17 1/2 (444.5)	16.25 (412.8)	5/8-11	6	15.125 (384.18)	16 5/16 (414.3)	5 1/8 (130.2)	
214H	17 1/2 (444.5)	16.25 (412.8)	5/8-11	6	15.125 (384.18)	16 5/16 (414.3)	6 5/8 (168.3)	
314H	17 1/2 (444.5)	16.25 (412.8)	5/8-11	6	15.125 (384.18)	16 5/16 (414.3)	8 (203.2)	
216	20 (508.0)	18.75 (476.3)	5/8-11	6	17.500 (444.50)	16 1/4 (413.9)	6 9/16 (166.7)	
316	20 (508.0)	18.75 (476.3)	5/8-11	6	17.500 (444.50)	16 1/4 (413.9)	8 (203.2)	
218	22 (558.8)	20.75 (527.1)	5/8-11	6	19.500 (495.30)	19 3/8 (492.1)	7 1/4 (184.2)	
318	22 (558.8)	20.75 (527.1)	5/8-11	6	19.500 (495.30)	19 3/8 (492.1)	8 7/8 (225.4)	
118H	22 (558.8)	20.75 (527.1)	5/8-11	6	19.500 (495.30)	21 5/16 (541.3)	5 11/16 (144.5)	
218H	22 (558.8)	20.75 (527.1)	5/8-11	6	19.500 (495.30)	21 5/16 (541.3)	7 1/4 (184.2)	
318H	22 (558.8)	20.75 (527.1)	5/8-11	6	19.500 (495.30)	21 5/16 (541.3)	8 3/4 (222.3)	
221	25 (635.0)	23.75 (603.3)	5/8-11	6	22.500 (571.50)	21 5/16 (541.3)	8 3/8 (212.7)	
321	25 (635.0)	23.75 (603.3)	5/8-11	6	22.500 (571.50)	21 5/16 (541.3)	10 1/8 (257.2)	
124H	28 (711.2)	26.75 (679.5)	5/8-11	6	25.500 (647.70)	27 (685.8)	6 3/4 (171.5)	
224H	28 (711.2)	26.75 (679.5)	5/8-11	6	25.500 (647.70)	27 (685.8)	8 1/2 (215.9)	
324H	28 (711.2)	26.75 (679.5)	5/8-11	6	25.500 (647.70)	27 (685.8)	10 1/2 (266.7)	
124SHD	28 (711.2)	26.75 (679.5)	5/8-11	6	25.500 (647.70)	27 (685.8)	6 7/8 (174.6)	
224SHD	28 (711.2)	26.75 (679.5)	5/8-11	6	25.500 (647.70)	27 (685.8)	8 1/2 (215.9)	
324SHD	28 (711.2)	26.75 (679.5)	5/8-11	6	25.500 (647.70)	27 (685.8)	10 1/2 (266.7)	
227	31 (787.4)	29.75 (755.7)	5/8-11	12	28.500 (647.70)	27 (685.8)	8 3/4 (222.3)	
327	31 (787.4)	29.75 (755.7)	5/8-11	12	28.500 (647.70)	27 (685.8)	10 3/4 (273.1)	
230H	34 (863.6)	32.75 (831.9)	5/8-11	12	31.500 (800.10)	32 3/8 (822.3)	10 3/16 (258.8)	
330H	34 (863.6)	32.75 (831.9)	5/8-11	12	31.500 (800.10)	32 3/8 (822.3)	12 3/4 (323.9)	
236	41 (1041.4)	39.75 (1009.7)	5/8-11	16	38.500 (977.90)	38 1/4 (971.6)	11 7/8 (301.6)	
336	41 (1041.4)	39.75 (1009.7)	5/8-11	16	38.500 (977.90)	38 1/4 (971.6)	14 3/4 (374.7)	
242	49 1/4 (1251.0)	47.25 (1200.2)	1-8	12	45.000 (1143.00)	44 1/8 (1120.8)	11 3/8 (288.9)	
342	49 1/4 (1251.0)	47.25 (1200.2)	1-8	12	45.000 (1143.00)	44 1/8 (1120.8)	14 1/8 (358.8)	
248	56 (1422.4)	54.00 (1371.6)	1-8	12	52.000 (1320.80)	52 3/8 (1330.3)	13 (330.2)	
348	56 (1422.4)	54.00 (1371.6)	1-8	12	52.000 (1320.80)	52 3/8 (1330.3)	15 3/4 (400.1)	
260	66 3/4 (1695.5)	64.75 (1644.7)	1-8	24	62.750 (1593.85)	61 1/2 (1562.1)	16 1/4 (412.8)	
360	66 3/4 (1695.5)	64.75 (1644.7)	1-8	24	62.750 (1593.85)	61 1/2 (1562.1)	20 (508.0)	
460	66 3/4 (1695.5)	64.75 (1644.7)	1-8	24	62.750 (1593.85)	61 1/2 (1562.1)	23 1/2 (596.9)	



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