



High Perf
Clutch
General
Info


Ø180mm Diameter. Mini Cover Assemblies.					Release Plate Fitted.	Clamp Load. N (lbs)	Driven Plate Thickness.		Torque Capacity. Using Driven Plates Nm (lb/ft)		Bearing Type.	
Cover Assy Type.	Part Number.	Mounting Hole (mm).	Set-up Height.	Diaphragm Spring Colour.			New Clamped.	Min Worn.	CP2074	CP2599		
DS	CP2084-31	3-off Ø9.63/9.53	52.55mm	Orange	Yes	3114 (700)	7.11mm (0.28")	6.11mm (0.24")	103 (76)	N/A	Flat Face.	
DS	CP2084-32	Equispaced on a Ø206.38		Grey					4893 (1100)	161 (119)		161 (119)
DS	CP2084-42	P.C.D.		Double Grey (CRV)					5560 (1250)	183 (135)		183 (135)



Ø190mm Diameter. Cover Assemblies.					Diaphragm Spring Colour / Finger Form.	Rel Plate Fitted.	Clamp Load. N (lbs)	Driven Plate Thickness.		Torque Capacity. Using Driven Plates Nm (lb/ft)		Bearing Type.
Cover Assy Type.	Part Number.	Mounting Hole (mm)	Dowel Hole (mm) & Position.	Set-up Height Nominal.				New Clamped	Min Worn	CP2642	CP2257	
DST	CP3748-6	6-off Ø9.12/8.89	3-off Ø6.36/6.34	36.17mm	Brown / Curly	No	5338 (1200)	7.11mm (0.28")	5.61mm (0.22")	136 (100)	136 (100)	Flat Face.
DST	CP3764-4	Equispaced on a Ø222.2 P.C.D.	Equispaced on a Ø222.2 P.C.D. & 30°	35.17mm	Green / Straight					175 (129)	175 (129)	





Ø200mm Diameter. Cover Assemblies.					Diaphragm Spring Colour / Finger Form.	Rel / Plate Fitted.	Max Rel / Travel mm	Clamp Load. N (lbs)	Driven Plate Thickness.		Torque Capacity. Using Driven Plates Nm (lb/ft)		Bearing Type.	
Cover Assy Type.	Part Number.	Mtg Hole (mm)	Dowel Hole (mm) & Position.	Set-up Height Nominal.					New Clamped mm.	Min Worn mm.	CP2811	CP4814		
DST	CP2811-1	6-off Ø6.36/6.34	3-off Ø6.36/6.34	30.81mm	Red / Straight	No	9.5	5338 (1200)	7.11 (0.28")	5.61 (0.22")	192 (142)	N/A	Round Nose.	
	CP2811-12	Equispaced on a Ø234.0 P.C.D.	Equispaced on a Ø234.0 P.C.D.		Green / Straight						6672 (1500)	240 (177)		N/A
	CP2811-23				Green / Straight						7117 (1600)	256 (189)		256 (189)




Ø215mm Diameter. Cover Assemblies.					Diaphragm Spring Colour / Finger Form.	Rel / Plate Fitted.	Max Rel / Travel mm	Clamp Load. N (lbs)	Driven Plate Thickness.		Torque Capacity. Using Driven Plates Nm (lb/ft)			Bearing Type.		
Cover Assy Type.	Part Number.	Mtg Hole (mm)	Dowel Hole (mm) & Position.	Set up Height Nom.					New Clamped mm	Min Worn mm.	CP5351	CP5352	CP5354			
DST	CP2511-1	6-off Ø9.14/8.89	3-off Ø6.36/6.34	46.60 mm	Brown / Curly	No	9.0	7117 (1600)	7.11 (0.28")	5.61 (0.22")	276 (203)			Flat Face.		
DS	CP2246-70	6-off Ø9.14/8.89	3-off Ø6.36/6.34	35.94 mm	White / Straight						Yes	5338 (1200)	224 (165)		224 (165)	N/A
DS	CP2246-71	Equispaced on a Ø250.8 P.C.D.	Equispaced on a Ø250.8 P.C.D. & 30°	46.91 mm	White / Curly								224 (165)	224 (165)		
DS	CP2647-1			39.62 mm									192 (142)	192 (142)		

Maximum Rotational Speed = 8000rpm

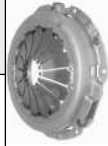
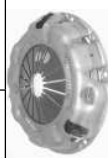
Ø220mm Diameter. Cover Assemblies.					Diaphragm Spring Colour / Finger Form.	Rel / Plate Fitted.	Max Rel / Travel mm	Clamp Load. N (lbs)	Driven Plate Thickness.		Torque Capacity. Using Driven Plates Nm (lb/ft)			Bearing Type.
Cover Assy Type.	Part Number.	Mtg Hole (mm)	Dowel Hole (mm) & Position.	Set up Height Nom.					New Clamped mm	Min Worn mm.	CP5351	CP5352	CP5354	
DST	CP3560-1	6-off Ø9.14/8.89	3-off Ø6.36/6.34	30.5 mm	Black / Straight.	No	9.0	5500 (1240)	7.11 (0.28")	5.61 (0.22")	230 (169)	230 (169)	230 (169)	Round Nose.
	CP3560-2	Equispaced on a Ø242.0 P.C.D.	Equispaced on a Ø242.0 P.C.D. & 30°								7500 (1690)	N/A	N/A	

Maximum Rotational Speed = 10000rpm




Ø240mm Diameter. Cover Assemblies.					Diaphragm Spring Colour / Finger Form.	Rel / Plate Fitted.	Max Rel / Travel mm	Clamp Load. N (lbs)	Driven Plate Thickness.		Torque Capacity. Using Driven Plates Nm (lb/ft)			Bearing Type.							
Cover Assy Type.	Part Number.	Mtg Hole (mm)	Dowel Hole (mm) & Position.	Set-up Height Nom.					New Clamped mm	Min Worn mm.	CP2346	CP2496	CP2583								
DST	CP3380-2	6-off Ø9.14/8.89	3-off Ø6.36/6.34	44.38 mm	Green / Curly	No	12.5	8896 (2000)	8.38 (0.33")	6.88 (0.27")	476 (351)			Flat Face.							
DS	CP2345-4	6-off Ø9.14/8.89	3-off Ø6.36/6.34	40.72 mm	Brown / Straight	No		8452 (1900)	8.89mm (0.35")	7.39 (0.29")	6.88 (0.27")	N/A	366 (270)	N/A	Round Nose.						
	CP2345-8			51.59 mm	Brown	Yes						N/A	462 (341)	N/A	Flat Face.						
	CP2394-1			50.29 mm	Green	Yes		10676 (2400)				460 (339)	366 (270)	N/A	Round Nose.						
	CP2394-14			Equispaced on a Ø269.88 P.C.D.	Blue / Straight	No		8452 (1900)				460 (339)	462 (341)	460 (339)	460 (339)	N/A	705 (522)	N/A	Flat Face		
	CP2394-20			45.29 mm				Green / Straight												No	10676 (2400)
	CP2394-60			50.29 mm				White / Curly												Yes	16103 (3600)
CP2394-46																					

Maximum Rotational Speeds = CP2345-4 & -8 = 7300rpm - CP3329, CP3380, CP2394-, -14, -20, -46 & -60 = 9000rpm

Ø267mm Diameter. Cover Assemblies.					Diaphragm Spring Colour / Finger Form.	Rel / Plate Fitted.	Max Rel / Travel mm	Clamp Load. N (lbs)	Driven Plate Thickness.		Torque Capacity. Using Driven Plates Nm (lb/ft)			Bearing Type.	
Cover Assy Type.	Part Number.	Mtg Hole (mm)	Dowel Hole (mm) & Position.	Set-up Height Nom.					New Clamped mm	Min Worn mm.	CP2496	CP2790	CP3258		
DS	CP2789-1	6-off Ø11.4/10.16	3-off Ø7.95/7.92	57.15 mm	Orange / Straight.	Yes	10.5	8452 (1900)	8.38 (0.33")	6.38 (0.25")	397 (293)	397 (293)	N/A	Round Nose.	
	CP2789-2	Equispaced on a Ø306.4 P.C.D.	Equispaced on a Ø306.4 P.C.D. & 12.5°	46.18 mm	White / Curly						No	12900 (2900)	397 (293)		397 (293)
	CP2789-5														

Maximum Rotational Speed = CP2789-1 = 6500rpm / CP2789-2 & -5 = 8000rpm.



HIGH PERFORMANCE DRIVEN PLATES

Driven plates are available in four different configurations which can accommodate a wide range of race, rally and road applications.

SPRING CENTRE ORGANIC

This driven plate design features an adaptor plate and retainer plate that are riveted together with shouldered stop pins. Located between them in slots in the hub flange are damper springs arranged radially around the hub centre. The hub can rotate within specific limits to compress the springs thus smoothing out any torsional fluctuations in the drive line. Damping is provided by friction washers fitted between the hub, retainer and adaptor plate.



RIGID CENTRE ORGANIC

The rigid type of driven plate is not fitted with any form of drive line cushioning. It is specially designed for arduous working conditions where the degree of refinement is secondary to strength and durability. It is less 'comfortable' than a sprung centred plate and is suitable for low level competition and road use.



SPRING CENTRE CERAMETALLIC

Designed for heavy duty or 'off road' applications the sprung centre cerametallic driven plate features a sprung, or rigid centre configuration and uses a rigid adaptor plate without cushion segments. The driven plate incorporates cerametallic pads, as illustrated,



which are designed to withstand the high temperatures associated with high energy input competition applications. Not suitable for road use.

RIGID CENTRE CERAMETALLIC

The rigid type of driven plate is not fitted with any form of drive line cushioning. It is designed for arduous working conditions where the degree of refinement is secondary to strength and durability and offers the heat resistance advantages of the cerametallic pad design. Not suitable for road use. This section provides information on the range of driven plates that can be used with the cover assemblies detailed on pages 160 of this catalogue. This information includes the following :



- ▣ **DRIVEN PLATE 'FAMILY NUMBER'**
- ▣ **OUTSIDE DIAMETER**
- ▣ **THICKNESS:** The thickness in the new condition and the minimum worn thickness are given.
- ▣ **FACING MATERIAL:** Driven plates are available in three basic configurations, cerametallic, steel backed organic or non backed organic all organic material are asbestos free.
- ▣ **TYPE OF CENTRE:** Driven plates can have either a sprung or rigid centre configuration.
- ▣ **COVER ASSEMBLIES:** Details which cover assemblies the particular driven plate family can be used with.
- ▣ **SPLINE SIZE:** Details the hub spline giving the number of teeth and the major diameter.
- ▣ **GENERAL COMMENTS:** Particular applications, number of cerametallic pads per side of the plate (paddles), 'low crimp plate' etc.

High Perf Clutch General Info

Rigid Centered Organic Driven Plates

Driven Plate Dia. (mm)	Driven Plate Family Part No.	Driven Plate Thickness	Used With Cover.	No. of Teeth								Comments
				20	23	24	24	26	26	32		
				Spline Shaft O.D.								
				.875"	1.0"	1.0"	25.2	22.0	1.16"	2.06"		
180	CP2084 Steel Backed	7.1mm	CP2084								-41	Mini.
215	CP5341 Organic Backed	7.1mm	Standard	-2	-3	-12					-1	CP5341-3, has a reversed hub.
	CP5342 Organic Backed	7.1mm	Standard		-2							



Rigid Centered Cerametallic Driven Plates

Driven Plate Dia. (mm)	Driven Plate Family Part No.	Driven Plate Thick's	Used With Cover.	No. of Teeth																											
				10	10	10	10	10	14	18	20	20	21	21	21	22	23	24	24	24	24	26	26	28	32						
				Spline Shaft O.D.																											
				1.0"	1.06"	1.12"	29	1.25"	25	21.1	22	.875"	.92"	24	24.5	29	1.0"	1.0"	24.2	1.0"	25.2	25.5	22	1.16"	22	2.06"					
180	CP2599 Cerametallic 4/6 Paddle.	7.4mm	CP2084																												
				- CP2599-4, 4 Paddle. - Mini.																											
200	CP5213 Cerametallic 3 Paddle.	7.1mm	CP2811									-18																			
		7.6mm	CP4560									-17	-13																		
			CP3745									-16	-15																		
					CP5213-13 Corolla 1988-89 / CP5213-13-15 Corolla 1600V 1985-86.																										
200	CP5214 Cerametallic 4 Paddle.	7.1mm	CP2811									-18/-31		-14					-16		-17/-12		-15		-26						
		7.6mm	CP4560									-21									-27										
		8.9mm	CP3745											-20								-25									
				CP5214-31 is reverse build. / CP5214-18 is standard build, Peugeot. / CP5214-16 & -20, Toyota. / CP5214-15, Golf TD. / CP5214-17, Escort Mk4/5 Zetec.																											
200	CP5216 Cerametallic 6 Paddle.	7.1mm	CP2811											-22						-14				-15	-13						
		8.9mm	CP4560																					-12	-23						
			CP3745																					-12	-16						
				CP5216-14, Mitsubishi Lancer 1994-96. / CP5216-13, Seat Ibiza. / CP5216-16, Golf G-60 1991-92.																											
215	CP5343 Cerametallic 3 Paddle.	7.1mm	CP2246																					-3	-5						
				CP5343-4, Citroen.																											
	CP5344 Cerametallic 4 Paddle.	7.11mm	CP2246																												
		7.6mm																													
		7.9mm																													
8.0mm																															
	8.4mm																														
	8.9mm																														
				CP5344-7, Peugeot.																											
215	CP5346 Cerametallic 6 Paddle.	7.11mm	CP5241																												
		8.0mm	Standard																												
		8.4mm	OE.																												
		8.9mm																													
				CP5346-1 (fillet root spline), Porsche 924 Turbo.																											
228	CP6444 Cerametallic 4 Paddle.	7.4mm	Standard OE.																												
		7.6mm																													
		7.8mm																													
		8.0mm																													
		8.4mm																													
	8.9mm																														
				CP6444-4, Citroen.																											

Note: Ø240mm Rigid cerametallic centred driven plates overleaf.....

Rigid Centered Cerametallic Driven Plates																											
Driven Plate Dia. (mm)	Driven Plate Family Part No.	Driven Plate Thick's	Used With Cover.	No. of Teeth																							
				10	10	10	10	10	14	18	20	20	21	21	21	22	23	24	24	24	24	26	26	28	32		
				Spline Shaft O.D.																							
				1.0"	1.06"	1.12"	29	1.25"	25	21.1	22	.875"	.92"	24	24.5	29	1.0"	1.0"	1.0"	24.2	1.0"	25.2	25.5	22	1.16"	22	2.06"
240	CP2496 Cerametallic 4 Paddle.	8.4mm	CP2394 CP3380	-4	-18	-14/ -36	-24 -41	-13	-29						-52				-16				-19		-54	-26	
	Comments				CP2496-36, Shortened Hub. / CP2496-24, Straight sided spline.																						
	CP4196 Cerametallic 6 Paddle.	8.4mm	Standard OE				-7												-5	-4	-6						



Spring Centered Cerametallic Driven Plates																													
Driven Plate Dia. (mm)	Driven Plate Family Part No.	Driven Plate Thick's	Used With Cover.	No. of Teeth																									
				10	10	10	14	14	17	18	18	20	21	21	22	23	24	24	24	24	24	26	26	28					
				Spline Shaft O.D.																									
				1.0"	1.12"	29	1.25"	18.7	25	20	20.6	21.1	.875"	24	24.5	1.0"	1.0"	.8"	24	24.2	25.2	1.0"	25.5	22	1.16"	22			
180	CP2950 Cerametallic 3 or 4 Paddle.	7.1mm 7.4mm	CP2949									-9																	
Comments				CP2950-1 20T x 17.3. 3 Paddle is available. / CP2950-4 is 3 Paddle / CP2950-7 & -9 are 4 Paddle.																									
200	CP4814 Cerametallic 4 Paddle.	7.11mm	CP2811 CP4560 CP3745					-16	-11			-14/ -35	-20	-38				-26	-23				-13	-33	-12/ -19				
		7.6mm											-24		-26														
		7.9mm						-29																					
		8.0mm																											
		8.9mm														-28													
Comments				CP4814-16, Opel Corsa. / CP4184-29, Opel Corsa Grp N. 1.6GTI. / CP4814-11 Ford Escort Mk3, standard gearbox. / CP4814-15, is reversed build for an Opel Corsa. / CP4814-24, Peugeot 205/306, 8 valve / Citroen. / CP4814-26, Formula Renault. / CP4814-13, VW (Gemini Transmission). / CP4814-12, standard build for a Clio Williams. / CP4814-19, reverse build.																									
215	CP5354 Cerametallic 4 Paddle.	7.11mm	CP2246 CP3745 CP2511																										
		7.4mm																											
		7.6mm																											
		7.9mm																											
		8.0mm																											
Comments				CP5354-14, BMW straight spline. / CP5354-29, Strengthened hub. / CP5354-40, reversed build. / CP5354-26, Strengthened hub.																									
228	CP6454 Cerametallic 4 Paddle.	6.5mm	Standard OE.																										
		7.11mm																											
		7.4mm																											
		7.6mm																											
		8.0mm																											
Comments				CP6454-17, Opel Corsa. / CP6454-18, Opel Corsa Grp N. 1.6GTI. / CP6454-19, Opel Corsa Grp N. 1.6GTI. / CP6454-20, Opel Corsa Grp N. 1.6GTI. / CP6454-21, Opel Corsa Grp N. 1.6GTI. / CP6454-22, Opel Corsa Grp N. 1.6GTI. / CP6454-23, Opel Corsa Grp N. 1.6GTI. / CP6454-24, Opel Corsa Grp N. 1.6GTI. / CP6454-25, Opel Corsa Grp N. 1.6GTI. / CP6454-26, Opel Corsa Grp N. 1.6GTI. / CP6454-27, Opel Corsa Grp N. 1.6GTI. / CP6454-28, Opel Corsa Grp N. 1.6GTI. / CP6454-29, Opel Corsa Grp N. 1.6GTI. / CP6454-30, Opel Corsa Grp N. 1.6GTI. / CP6454-31, Opel Corsa Grp N. 1.6GTI. / CP6454-32, Opel Corsa Grp N. 1.6GTI. / CP6454-33, Opel Corsa Grp N. 1.6GTI. / CP6454-34, Opel Corsa Grp N. 1.6GTI. / CP6454-35, Opel Corsa Grp N. 1.6GTI. / CP6454-36, Opel Corsa Grp N. 1.6GTI. / CP6454-37, Opel Corsa Grp N. 1.6GTI. / CP6454-38, Opel Corsa Grp N. 1.6GTI. / CP6454-39, Opel Corsa Grp N. 1.6GTI. / CP6454-40, Opel Corsa Grp N. 1.6GTI. / CP6454-41, Opel Corsa Grp N. 1.6GTI. / CP6454-42, Opel Corsa Grp N. 1.6GTI. / CP6454-43, Opel Corsa Grp N. 1.6GTI. / CP6454-44, Opel Corsa Grp N. 1.6GTI. / CP6454-45, Opel Corsa Grp N. 1.6GTI. / CP6454-46, Opel Corsa Grp N. 1.6GTI. / CP6454-47, Opel Corsa Grp N. 1.6GTI. / CP6454-48, Opel Corsa Grp N. 1.6GTI. / CP6454-49, Opel Corsa Grp N. 1.6GTI. / CP6454-50, Opel Corsa Grp N. 1.6GTI.																									
240	CP2583 Cerametallic 4 Paddle.	7.6mm	CP2394																										
		8.0mm																											
		8.4mm																											
	Comments				CP2583-15, Citroen. / CP2583-6, Datsun. / CP2583-6 has a different hub to -31.																								
240	CP4216 Cerametallic 6 Paddle.	7.4mm	Standard OE.																										
		8.4mm																											
Comments				CP4216-3 & -4, Use different hubs.																									
267	CP3258 Cerametallic 4 Paddle.	8.4mm	CP2789																										
Comments				CP3258-2 & -5, Use different hubs. / CP3258-2, Range Rover.																									



Spring Centered Organic Driven Plates

Driven Plate Dia. (mm)	Driven Plate Family Part No.	Driven Plate Thick's	Used With Cover.	10	10	10	10	10	10	10	14	17	18	20	21	21	21	22	23	24	24	24	24	24	25	26		
				.875"	1.0"	1.06"	1.12"	29	1.25"	35	25	20	20.4	.875"	24	24.5	29	1.0"	1.0"	24.2	25	25.2	1.0"	25.5	28	1.16"		
180	CP2257 Organic Non Backed	7.11mm	CP3748 CP3764	-11	-13									-1					-9									
190	CP2642 Organic Non Backed	7.11mm	CP2642									-16		-12														
200	CP2811 Organic Non Backed	7.11mm	CP2811									-6/ -16		-6														
		Comments	CP2811-9, No crimp. / CP2811-26, Low crimp.																									
215	CP5351 Organic Steel Backed.	7.11mm	CP2246 CP2511		-3		-7	-21	-6		-9	-16		-2	-8	-12	-35	-11	-1				-18			-4		
		7.9mm	CP2647 CP3560											-29												-34		
	Comments	CP5351-10, Opel. / CP5351-20, Saab. / CP5351-2 & -1, Ford. / CP5351-8, Lotus Europa. / CP5351-12, Citroen. / CP5351-11, Volvo. / CP5351-18, Maestro / Montego Turbo. / CP5351-4, Hillman GM.																										
	CP5352 Organic Non Backed.	7.11mm	CP2246 CP2511 CP2647		-1									-4	-6				-5						-10			
		Comments	CP5352-4 & -5, Ford. / CP5352-6, Renault.																									
228	CP6452 Organic Non Backed.	7.4mm	Standard OE.																							-10		
		8.0mm																									-12	
240	CP2346 Organic Steel Backed or Non Backed.	7.4mm	CP2345 CP2394 CP3380																	-7	-6							
		7.6mm																			-65							
		8.0mm																				-60/ -69						
		8.4mm																				-72						
		Comments	CP2346-11, Morgan. / CP2346-57, Striaight sided DIN spline. / CP2346-44, Involute Renault. / CP2346-54, XJS 6 Speed, Lister Jaguar 91 on. / CP2346-41, Opel. / CP2346-42, Renault. / CP2346-40, Toyota. / CP2346-60, Zetec Formula Ford. / CP2346-45, Low crimp segment, Sierra Cosworth. / CP2346-56, Low crimp segment.																									
267	CP2790 Organic Non Backed.	8.4mm	CP2789																									
		8.6mm																										
		Comments	CP2790-2, has stiffer damper springs than -9.																									

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NOTES

Blank area for notes.