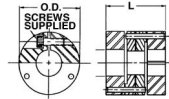




# MBA

## Couplings - Control Flex. 0.45 to 6.44 Nm.



MATERIALS: Hubs - Aluminium, Pins - Hardened Alloy Steel, Socket Head Screws - Alloy Steel, Control-Flex Member - Delrin® 100.

Lightweight, low inertia, and no maintenance or lubrication necessary.

No change in angular velocity or torque due to misalignment. No end thrust due to torque transmission.

Rated torques are with all alignment factors zero. The summation of the three alignment factors should not exceed 50%. The rated torque must be reduced by the summation of the alignment factors.

Operating Temperature: -23 deg to +65 deg Celsius.

### Couplings - Control Flex. 0.45 to 6.44 Nm.

Part Number	Hub Diameter (OD) mm	Bore mm	Length (L) mm	Hub Width mm	Screw Size	Peak Torque	Max. Const. Torque (Inline) N.m	Torsional Stiffness g.cm/degree	Duty Type
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# CPCF19-0318	18.7 <i>0.736</i>	3.175 <i>0.125</i>	15.88 <i>0.625</i>	5.563 <i>0.219</i>	4-40	10.847	0.45	410	Light Duty
# CPCF-03.18x19.86	18.7 <i>0.736</i>	3.175 <i>0.125</i>	19.86 <i>0.782</i>	5.563 <i>0.219</i>	4-40	18.079	0.79	821	Heavy Duty
# CPCF19-0475	18.7 <i>0.736</i>	4.750 <i>0.187</i>	15.88 <i>0.625</i>	5.563 <i>0.219</i>	4-40	10.847	0.45	410	Light Duty

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## Couplings - Control Flex. 0.45 to 6.44 Nm.

Part Number	Hub Diameter (OD) mm	Bore mm	Length (L) mm	Hub Width mm	Screw Size	Peak Torque	Max. Const. Torque (Inline) N.m	Torsional Stiffness g.cm/degree	Duty Type
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# CPCF-04.75x19.86	18.7 <i>0.736</i>	4.750 <i>0.187</i>	19.86 <i>0.782</i>	5.563 <i>0.219</i>	4-40	18.079	0.79	821	Heavy Duty
# CPCF19-0635	18.7 <i>0.736</i>	6.350 <i>0.250</i>	15.88 <i>0.625</i>	5.563 <i>0.219</i>	4-40	10.847	0.45	410	Light Duty
# CPCF-06.35x19.86	18.7 <i>0.736</i>	6.350 <i>0.250</i>	19.86 <i>0.782</i>	5.563 <i>0.219</i>	4-40	18.079	0.79	821	Heavy Duty
# CPCF25-0475	25.0 <i>0.984</i>	4.750 <i>0.187</i>	25.40 <i>1.000</i>	9.525 <i>0.375</i>	6-32	23.503	1.02	893	Light Duty
# CPCF-04.75x30.68	25.0 <i>0.984</i>	4.750 <i>0.187</i>	30.68 <i>1.208</i>	9.525 <i>0.375</i>	6-32	43.390	1.92	1786	Heavy Duty
# CPCF25-0635	25.0 <i>0.984</i>	6.350 <i>0.250</i>	25.40 <i>1.000</i>	9.525 <i>0.375</i>	6-32	23.503	1.02	893	Light Duty
# CPCF-06.35x30.68	25.0 <i>0.984</i>	6.350 <i>0.250</i>	30.68 <i>1.208</i>	9.525 <i>0.375</i>	6-32	43.390	1.92	1786	Heavy Duty
# CPCF25-0953	25.0 <i>0.984</i>	9.525 <i>0.375</i>	25.40 <i>1.000</i>	9.525 <i>0.375</i>	6-32	23.503	1.02	893	Light Duty
# CPCF-09.53x30.68	25.0 <i>0.984</i>	9.525 <i>0.375</i>	30.68 <i>1.208</i>	9.525 <i>0.375</i>	6-32	43.390	1.92	1786	Heavy Duty
# CPCF38-0635	37.7 <i>1.484</i>	6.350 <i>0.250</i>	28.58 <i>1.125</i>	9.525 <i>0.375</i>	8-32	79.096	3.52	2911	Light Duty

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Part Number	Hub Diameter (OD) mm	Bore mm	Length (L) mm	Hub Width mm	Screw Size	Peak Torque	Max. Const. Torque (Inline) N.m	Torsional Stiffness g.cm/degree	Duty Type
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# CPCF-06.35x36.53	37.7 <i>1.484</i>	6.350 <i>0.250</i>	36.53 <i>1.438</i>	9.525 <i>0.375</i>	8-32	146.441	6.44	5822	Heavy Duty
# CPCF38-0953	37.7 <i>1.484</i>	9.525 <i>0.375</i>	28.58 <i>1.125</i>	9.525 <i>0.375</i>	8-32	79.096	3.52	2911	Light Duty
# CPCF-09.53x36.53	37.7 <i>1.484</i>	9.525 <i>0.375</i>	36.53 <i>1.438</i>	9.525 <i>0.375</i>	8-32	146.441	6.44	5822	Heavy Duty
# CPCF38-1270	37.7 <i>1.484</i>	12.700 <i>0.500</i>	28.58 <i>1.125</i>	9.525 <i>0.375</i>	8-32	79.096	3.52	2911	Light Duty
# CPCF-12.70x36.53	37.7 <i>1.484</i>	12.700 <i>0.500</i>	36.53 <i>1.438</i>	9.525 <i>0.375</i>	8-32	146.441	6.44	5822	Heavy Duty

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