



DISC COUPLING - INCH

RULAND DISCFLEX™ DISC

PERFORMANCE DATA

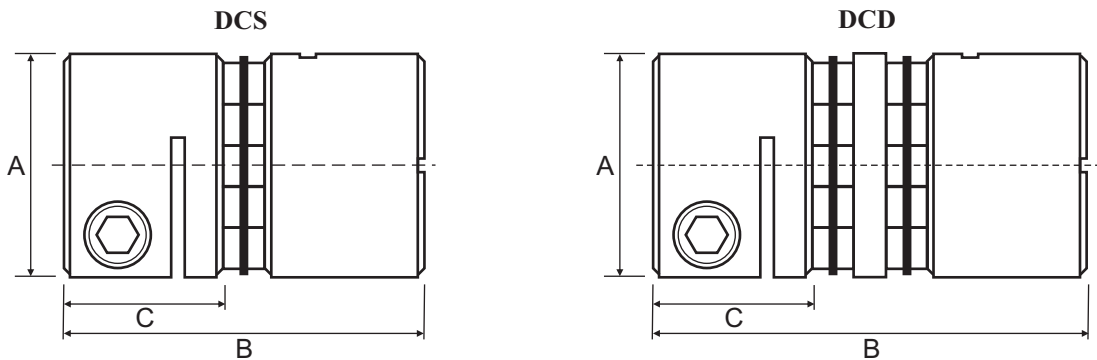
Discflex™ is available in single and double disc styles with bore sizes ranging from 1/8" to 1 1/4" in the inch series and 3mm to 30mm in the metric series. The couplings are an assembly of two anodized aluminum hubs, multiple flat stainless steel disc springs and a center spacer for double disc styles. The center spacer is available in a choice of anodized aluminum or insulating acetal for electrical isolation. This results in a high performance motion control coupling with excellent high speed capabilities up to 10,000 rpm, strength and torsional stiffness characteristics, and low inertia for today's highly responsive systems.

Part No		Max Bore	Power at 100 RPM kW	Nominal Torque (Nm)	Normal Maximum Speed (RPM)
Single	Double				
DCS10	DCD10	6.4	0.009	0.85	10000
DCS12	DCD12	7.9	0.015	1.41	10000
DCS16	DCD16	12.7	0.030	2.82	10000
DCS21	DCD21	15.9	0.059	5.65	10000
DCS26	DCD26	19.1	0.106	10.17	10000
DCS32	DCD32	25.4	0.207	19.77	10000
DCS36	DCD36	31.8	0.266	25.42	10000



For static torque rating multiply nominal torque by 2.
This coupling is fully suited to carrying torque up to this rating.

DIMENSIONAL DATA



Part No.		Bore		A	B	B	C
Single	Double	Min	Max		DCS	DCD	
DCS10	DCD10	3.2	6.4	15.0	18.3	23.8	8.3
DCS12	DCD12	4.8	7.9	19.1	23.0	30.2	10.6
DCS16	DCD16	6.4	12.7	25.4	26.2	34.9	11.9
DCS21	DCD21	7.9	15.9	33.4	33.4	44.5	15.0
DCS26	DCD26	9.5	19.1	41.3	39.7	54.0	18.0
DCS32	DCD32	12.7	25.4	50.8	46.0	61.9	20.6
DCS36	DCD36	12.7	31.8	57.2	58.8	76.2	26.7