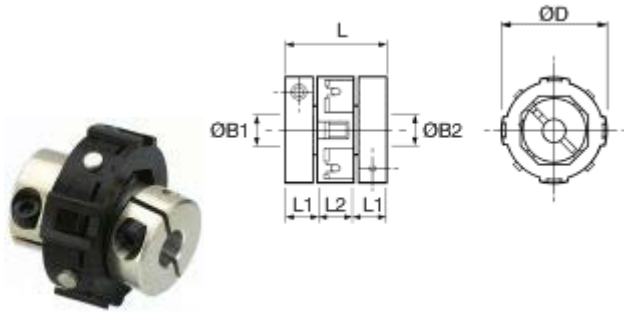


Universal/ Lateral Offset Couplings with Clamp Style Fixings



Dimensions and Order Codes

Coupling Size	Coupling Ref	ØD	L	L1 (1)	L2 (2)	ØB1, ØB2 max	Fasteners			Moment of inertia (4)	Mass (4)	
							Screw	Torque (3)	Wrench			
more	18	207.18	19.1	19.1	7	5.1	6.35	4-40	2.33	2	55	11
more	27	207.27	28	25.4	9.3	6.9	10	M3	2.43	2.5	220	26
more	34	206.34	33.7	30.7	10.9	8.9	10	4-40	2.33	2	183	20
more	41	205.41	41.4	38.1	13.5	11.2	12.7	M4	5.66	3	550	40

Table Notes:

1. Length of supported thro' bore. Shafts must not penetrate beyond L1 when in operation.
2. Nominal distance between shafts inserted into L1.
3. Maximum recommended tightening torque.
4. Values apply with max bores.

Materials & Finishes

Hub sizes 18 & 27: Brass BS 2874 CZ121. Chromate & passivate finish.

Hub sizes 34 & 41: Al. Alloy 2011T8. Alocrom finish.

Fasteners: Alloy Steel, black oiled.

Clamp rings (sizes 18 & 27): Al. Alloy 2011T8. Alocrom finish. Torque rings, all sizes: Acetal (black).

Temperature Range -20°C to +60°C

Performance

Coupling Size	Peak torque (5)	Max compensation @ 3000r.p.m.		Torsional		Axial		Static break torque	
		Angular (6)	Radial (6)	Rate (7)	Stiffness (7)	Max loading ±N (8)	Stiffness (8)		
	Nm	deg	mm	deg/Nm	Nm/rad		N/mm	Nm	
more	18	0.3	2	0.2	-	25	19	155	0.9
more	27	1.7	2	0.2	-	92	31	350	5
more	34	2.5	2	0.25	-	146	34	300	7.5
more	41	3.5	2	0.25	-	299	39	250	10.5

Table Notes:

5. Peak torque. Select a size where Peak Torque exceeds the application torque x service factor.
6. Couplers can provide up to 1mm radial and 10° angular compensation (5° for ref. 207) when required. Observe given values for maximum backlash-free life. Electrical isolation between shafts >3kV for all models when offset is less than or equal to 5°.
7. Values apply at 50% peak torque with no misalignment, measured shaft-to-shaft with largest standard bores.
8. Momentary values