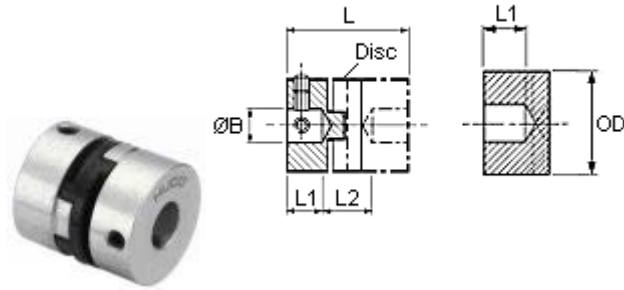


Oldham couplings with blind, set screw fixing hubs



NOTE: To order a complete coupler you must order TWO hubs and ONE disc.

Dimensions and Order Codes

Coupling Size	Hub Ref	ØD	L	L1 (1)	L2 (2)	ØB1 max	Fasteners			Moment of inertia (4)	Mass (4)	Corresponding Acetal (black) Disc Ref.
							Screw	Torque (3)	Wrench			
		mm	mm	mm	mm	mm		Nm	mm	kgm ² x 10 ⁻⁸	kg x 10 ⁻³	
6	232.06	6.4	12.7	3.8	5.1	3.18	M3	0.94	1.5	6	2.5	236.06
9	232.09	9.5	12.7	3.8	5.1	5	M3	0.94	1.5	18	4	236.09
13	232.13	12.7	15.9	4.3	7.3	6.35	M3	0.94	1.5	26	11	236.13
19	232.19	19.1	22	6.3	9.4	8	M3	0.94	1.5	67	12	236.19
25	232.25	25.4	28.4	8.6	11.2	12	M4	2.27	2	252	31	236.25
33	243.33	33.3	48	13	22	16	M4	2.27	2	1278	86	236.33
41	232.41	41.3	50.8	16.7	17.4	20	M5	4.62	2.5	3327	148	236.41

Table Notes:

1. Length of parallel bore ± 0.2 . Bores may terminate in 118° included angle.
2. Nominal distance between unchamfered shafts bottomed out to L1.
3. Maximum recommended tightening torque.
4. Values apply to complete couplers with max bores.

Materials & Finishes

Hub sizes 06 to 13:

Brass BS 2874 CZ121. Alocrom, chromate and passivate finish.

Hub sizes 19 to 57:

Al. Alloy 2011T3 & 2011T8. BS 4300/5 FC1.

Fasteners:

Alloy Steel, black oiled.

Torque discs (see separate pages):

Types 236 - Acetal (black). Types 238 - Nylon 11 (natural).

Temperature Range

-20°C to +60°C

Performance (AT 20°C WITH STANDARD ACETAL DISC)

	Coupling Size	Coupling Ref.	Peak torque (5) Nm	Max compensation at 3000 r.p.m.			Torsional		Static break torque Nm
				Angular (6) deg	Radial (6) mm	Axial (6) mm	Rate (7) deg/Nm	Stiffness (7) Nm/rad	
more	6	232.06	0.06	0.5	0.1	0.05	-	10	0.7
more	9	232.09	0.21	0.5	0.1	0.05	-	30	2
more	13	232.13	0.5	0.5	0.1	0.05	-	65	4
more	19	232.19	1.7	0.5	0.2	0.1	-	115	10
more	25	232.25	4	0.5	0.2	0.1	-	205	13
more	33	243.33	9	0.5	0.2	0.15	-	615	53
more	41	232.41	17	0.5	0.25	0.15	-	1200	57

Table Notes:

1. Peak torque. Select a size where Peak Torque exceeds the application torque x service factor.
2. Couplers can provide up to (ØDx0.1) radial compensation in extreme cases.
Observe given values for maximum backlash-free life.
Axial compensation is set on installation.
Electrical isolation between shafts >3kV.
3. Values apply at 50% peak torque with no misalignment, measured shaft-to-shaft with largest standard bores.