bervina

OLDHAM COUPLINGS

Angular, parallel axial misalignment

High torsional stiffness

Good shock tolerance

Constant velocity

No Lubrication Required

Easy disassembly

Setscrew fixing

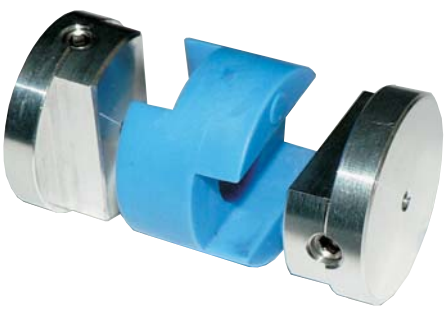
When fitting stepper motors, servomotors, gearboxes and encoders to machines, care must be taken to ensure all devices are co-axial, i.e. no angular or parallel misalignment. Failure to do so will place excessive loads on bearings and reduce life of the components. Using flexible couplings with some angular and parallel compliance will ensure this while maintaining constant velocity and low backlash.

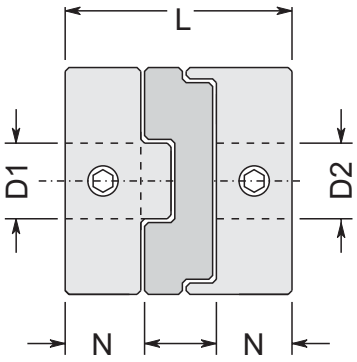
The coupling consists of two aluminium hubs and a polyacetyl polymer insert. The hubs can be supplied bored to specific sizes or without holes for clients to do their own boring.

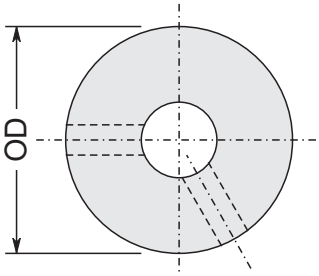
Oldham couplings also allow easy disassembly because hubs do not have to removed from shafts to remove components.

SPECIFICATIONS

MODEL	BORE SIZES		DIMENSIONS			SCREW	OFFSET	TORQUES	
	D1, D2	D1, D2	OD	L	N			NOMINAL	MAXIMUM
	min.	max.	mm	mm	mm	M	deg.	Nm	Nm
OS-16	3.0	6.0	16	18	7	M3	3.0	0.7	1.4
OS-20	3.0	8.0	20	23	9	M4	3.0	1.2	2.4
OS-25	5.0	10.0	25	28	11	M5	3.0	2.0	4.0
OS-32	8.0	14.0	32	33	13	M6	3.0	4.5	9.0







BAoldham A.B.N.: 94 009 232 535

Continuous development may necessitate changes in specifications without notice.