

Angular, parallel axial misalignment

High torsional stiffness

High Flexibility

Good shock tolerance

Constant velocity

No Lubrication Required

Easy disassembly

Setscrew fixing



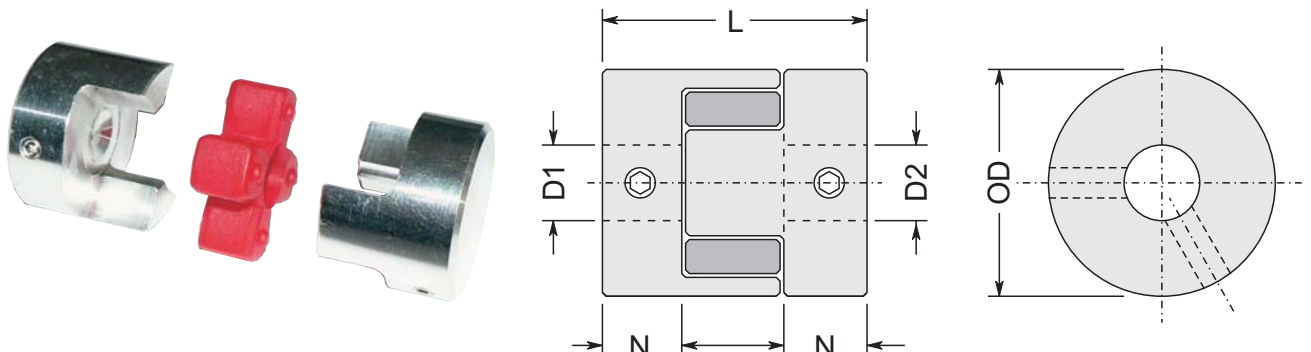
When fitting stepper motors, servomotors, gearboxes and encoders to machines, care must be taken to ensure all devices are co-axial, i.e. no angular or parallel misalignment. Failure to do so will place excessive loads on bearings and reduce life of the components. Using flexible couplings with some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

The coupling consists of two aluminium hubs and a hard 98 ShA polyurethane polymer insert. The hubs can be supplied bored to specific sizes or without holes for clients to do their own boring.

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

SPECIFICATIONS

MODEL	BORE SIZES		DIMENSIONS			SCREW	OFFSETS		TORQUES	
	D1, D2	D1, D2	OD	L	N		ANGULAR	PARALLEL	NOMINAL	MAXIMUM
	min.	max.				deg.	mm	Nm	Nm	
KS-7	3.0	7.0	14	22	7	M3	1.0	0.3	2.0	4.0
KS-9	4.0	9.0	20	30	10	M3	1.7	0.2	5.0	10.0
KS-14	4.0	14.0	30	35	11	M4	1.7	0.3	12.5	25.0



Continuous development may necessitate changes in specifications without notice.

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