

## Elastic Couplings

Essential parts for motion transmission to the encoder shaft.

- aluminium alloy made
- composed by a cylindrical body on which there is a helical groove that determines:
  - torsional rigidity
  - ability to compensate for slight shaft misalignments
  - ability to absorb shaft axial play
- supplied with different coupling diameters

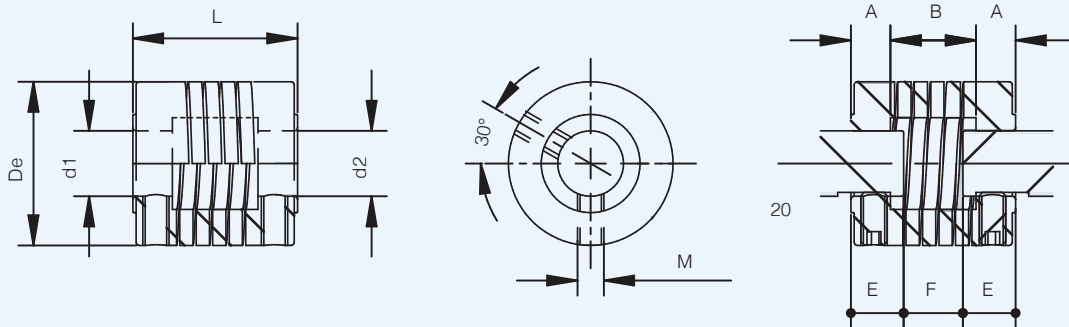
### code description

	MDG	25	A	6	/8
series	MDG	precision elastic coupling			
model	20	(see table) 20			
	25	(see table) 25			
	30	(see table) 30			
shaft fixing type	A	shaft fixing with grub screw			
hole diameter d1	6	ø 6 mm			
	8	(mod. G25 / G30) ø 8 mm			
	9	ø 9,52 (3/8") mm			
	10	ø 10 mm			
hole diameter d2 (do not add if d2 = d1)	6	ø 6 mm			
	8	(mod. G25 / G30) ø 8 mm			
	9	ø 9,52 (3/8") mm			
	10	ø 10 mm			



# dimensions (mm)

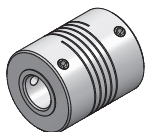
## Elastic Couplings



## standard couplings

Type of material:  
aluminium

For other holes (d1-d2)  
contact our office  
directly



standard couplings	De	L	d1 = d2		A	B	M	E	F	Torque	
MDG 20 A 6	∅ 20	20	+0.1 -0.1	∅ 6H7	+0.012 0	6	8	M3	7	6	0.25 Nm
MDG 25 A 8	∅ 25	25	+0.1 -0.1	∅ 8H7	+0.015 0	7	11	M4	8	9	0.4 Nm
MDG 25 A 9	∅ 25	25	+0.1 -0.1	∅ 9,52H7	+0.015 0	7	11	M4	8	9	0.4 Nm
MDG 25 A 10	∅ 25	25	+0.1 -0.1	∅ 10H7	+0.015 0	7	11	M4	8	9	0.4 Nm
MDG 30 A 10	∅ 25	30	+0.1 -0.1	∅ 10H7	+0.015 0	8	14	M4	9	12	0.4 Nm

For proper installation it is recommended to insert shafts in the coupling observing "E" dimensions.