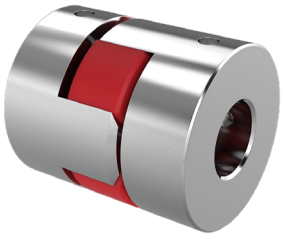
Miniature Elastomer Coupling I Series MJT / MJT-C

• MJT-C: standard series with lateral clamping hub • MJT: cost-effective version with set screws
• plug in • oscillation dampening

technical data:

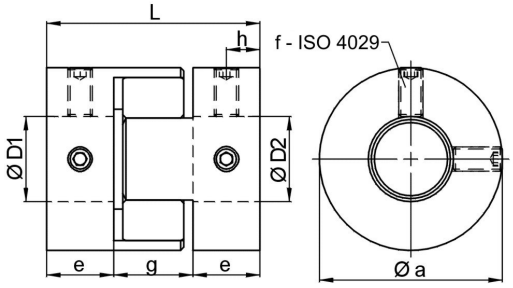
MJT/ MJT-C size	T_N [Nm]	max. speed [min^{-1}]		moment of inertia [10^{-6}kgm^2]		torsional stiffness [10^{-3}Nm/arcmin]	max. shaft mis-alignment (mm)		mass approx. [g]	tightening torque of screws [Nm]	
		MJT	MJT-C	MJT	MJT-C		axial ±	lateral		f	i
14-B	0,7	27.000	11.000	0,21	0,16	3	0,6	0,15	7	0,7	0,5
20-B	1,8	20.000	7.500	1,0	1,1	5	0,8	0,20	18	0,7	1
30-B	4	13.000	5000	5,9	6,2	13	1,0	0,20	48	1,7	2,5
14-R	2	27.000	11.000	0,21	0,16	7	0,6	0,10	7	0,7	0,5
20-R	5	20.000	7.500	1,0	1,1	16	0,8	0,10	18	0,7	1
30-R	12,5	13.000	5.000	5,9	6,2	38	1,0	0,10	48	1,7	2,5

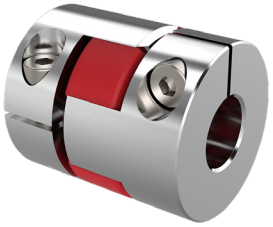
temperature range: -20°C up to +70°C



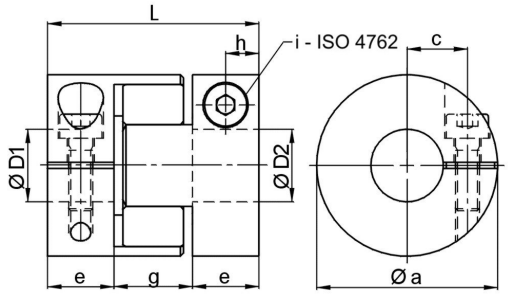
Series MJT

material:
hubs: aluminum
elastomer spider: polyurethane
***B** 80-Sh-A (blue), **R** 98-Sh-A (red)*





Series MJT-C



Dimensions [mm]: length dimensions according to DIN ISO 2768 cH

MJT/MJT-C	Øa	c	e	g	h	L	f	i
14	14	4	7	8	3,5	22	2x M 3	M 2
20	20	6,5	10	10	5	30	2x M 3	M 2,5
30	30	10	11	13	5,5	35	2x M 4	M 4

stock bores D1/D2 (H8)

• MJT ◊ MJT-C

MJT/MJT-C	Ø3	Ø4	Ø5	Ø6	Ø6,35	Ø8	Ø9,53	Ø10	Ø12	Ø14
14	• ◊	• ◊	• ◊	•						
20		◊	• ◊	• ◊	• ◊	• ◊	•	•		
30						• ◊	• ◊	• ◊	• ◊	•

note: further bore sizes possible on request
for easier disassembly of the MJT series, we recommend to have end faces on the shaft

temperature correction for nominal torques

-20°C up to +30°C	+50°C	+70°C
100%	75%	60%

order example: MJT 30-B - D1 = 8 ^{H8} D2 = 10 ^{H8} MJT-C 20-R - D1 = 5 ^{H8} D2 = 6 ^{H8}