

Shaft Couplings

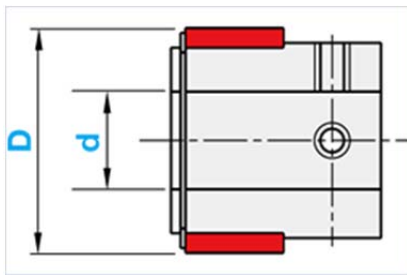


MISUMI offers a wide variety of couplings for many fields of application. The product range covers disc couplings, oldham couplings, jaw couplings and rigid shaft couplings. The outer diameter and the hub bore hole can be selected matching to your application, e.g. the hub bore hole is provided as clamping type, set screw type or featured with a mecha lock.

Product properties:

- Diameter: 6mm to 95mm
- Hub bore hole 3mm to 40mm
- Max. torque up to 180Nm
- Max. rev up to 78000/min

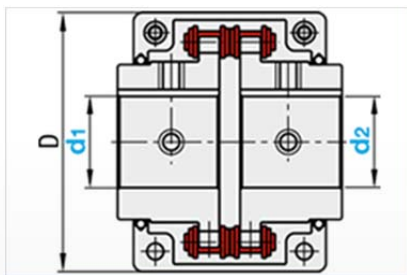
TM Magnetic Transmission Drive: max. permissible transmission capacity 0,66 kW



- Force is transmitted non-contact by magnetic force for sensitive operations e.g. accumulation operation
- free of wear and silent thus without touching elements
- automatic moment limitation (0,5 Nm at D35 mm and 0,5 mm coupling distance)
- additional moment control by coupling distance
- parallel or 90° use and slight angular misalignment possible,
- max. 1500 1/min,
- versus turning sense
- usable in vacuum
- waterproof
- without noticeable magnet influence in more than 50 mm distance
- from -50°C to +60°C operation range
- magnetic force drop stable for 1% in 100 years
- absolute spatial separation of two components possible

<http://www.misumi-europe.com/en/e-catalog/vona2/mech/M1000000000/M1007000000/>

Chain Coupling: max. permissible transmission capacity 2370 kW

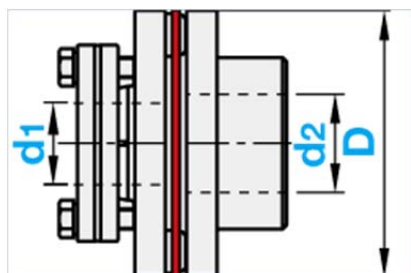


- Easy power transmission via dual chain for drives without backlash influence
- 2370 Nm at 48 to 55 mm shaft diameter, max. 100 1/min
- very economic by 0,053 € per Nm
- max. 0,5° angular misalignment
- same turning

<http://www.misumi-europe.com/en/e-catalog/vona2/mech/M1000000000/M1001000000/M1001100000/>

Shaft Couplings

Servo Coupling: max. permissible transmission capacity 180 kW



- Highly accurate and stiff disc coupling with nature of zero backlash, 330000 Nm/rad torsional spring constant
- at 180 Nm
- max 6000 1/min
- max. 0,6° angular misalignment
- same turning sense

<http://www.misumi-europe.com/en/e-catalog/vona2/result/?Keyword=MCSSC>