

Jaw Coupling Half 4mm Series 12



This jaw type half-coupling can be used to connect a 4mm shaft to another shaft. It is held in place by two set screws, and fits together with another series 12 jaw coupling of any shaft size with a hard elastomer spider in between. See the “Compatible Products” tab for a complete list of compatible couplings and spiders.

Jaw type couplings are ideal for high-torque applications and applications where shafts of two different sizes need to be coupled. This series of couplers are rated for torques as high as 35 kg?·cm and speeds of up to 12000 rpm.

If you’re having trouble with slipping, you can file a groove into the shaft where the set screws hold it in place. You can also use a Loctite adhesive on the set screws to ensure that they remain in place.

Assembly

This jaw type half-coupling connects to any other series 12 half-coupling with a coupling spider pressed in between. The other half and the spider are both sold separately.



Product Specifications

Physical Properties

Material Aluminum

Coupling Rated Torque 35.7 kg $\cdot$ cm

Coupling Rated Speed 12000 RPM

Inner Diameter 4 mm