

Features

- Type BCC couplings have two patchlock socket head cap screws each end.
- Metric Six Beam Coupling – Clamp Style
- Torsionally rigid one-piece construction
- Made from Aluminium 7075 (A)
- Bore tolerance $+0.025$ mm / -0.000 mm.
- Recommended shaft tolerance $+0.000$ mm / -0.013 mm.
- Two sets of cuts around centre member better accommodate parallel misalignment than single beam couplings.
- Six beam couplings have increased torque capacity and higher torsional stiffness.

RS PRO Flexible Beam Coupling

RS-Stock Number: 0764291



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

RS PRO flexible couplings made from Aluminium 7075 (A) are used where a degree of motion is needed between the shafts. These couplings can improve the performance of a machine and reduce wear and tear. They are easy to install and have a long-life span. The types of couplings that sit within the flexible couplings area are gear couplings, and universal joint couplings. Each coupling is manufactured as one piece, thereby eliminating mechanical joints and possible failure points.

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Two sets of cuts around centre member better accommodate parallel misalignment than single beam couplings.

General Specifications

Material	Aluminium 7075 (A)
Coupling Type	Beam Coupling
Series	BCC
Fastening Type	Clamping

Mechanical Specifications

Bore 1	6 mm
Bore 2	8 mm
Outside Diameter	25.4 mm
Length	38.1 mm
Cap Screw	M4

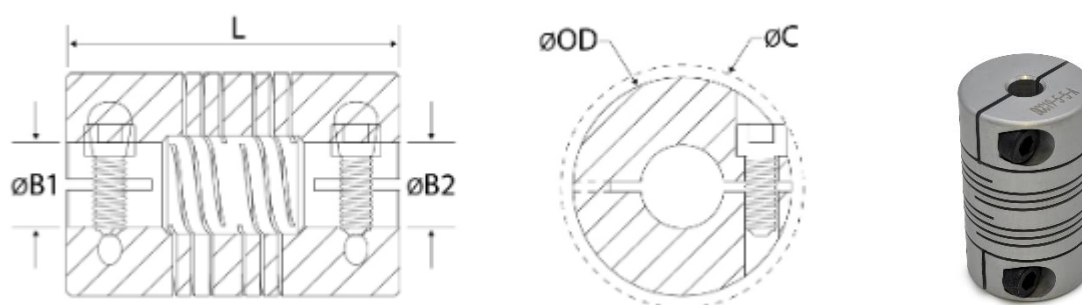
Product Details

RS PRO Metric Six Beam Coupling – Clamp Style

Material	Aluminium 7075 (A)
Coupling Type	Beam Coupling
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Bore tolerance +0.025 mm / -0.000 mm ▪ Recommended shaft tolerance +0.000 mm / -0.013 mm



Stock No.	Bore ØB1	Bore ØB2	Outer ØOD	Length L	Clearance Dia. Max ØC	Cap Screw
132167	5 mm	5 mm	19.05 mm	31.75 mm	22.23 mm	M3
132168	6 mm	6 mm	19.05 mm	31.75 mm	22.23 mm	M3
BCC19-6-8-A	6 mm	8 mm	19.05 mm	31.75 mm	22.23 mm	M3
BCC19-8-8-A	8 mm	8 mm	19.05 mm	31.75 mm	22.23 mm	M3
BCC25-6-6-A	6 mm	6 mm	25.4 mm	38.1 mm	28.37 mm	M4
BCC25-6-8-A	6 mm	8 mm	25.4 mm	38.1 mm	28.37 mm	M4
132170	8 mm	8 mm	25.4 mm	38.1 mm	28.37 mm	M4
132169	10 mm	10 mm	25.4 mm	38.1 mm	28.37 mm	M4
BCC32-10-10-A	10 mm	10 mm	31.75 mm	44.45 mm	37.06 mm	M5
BCC32-12-12-A	12 mm	12 mm	31.75 mm	44.45 mm	37.06 mm	M5