

Features

- RS PRO BCA Series couplings size with outer diameter size 10 - 19 have one set screw each end, size 22 to 32 have two set screws 120 degrees apart.
- Metric Four Beam Coupling Set Screw Style
- Made from Aluminium 7075 (A).
- Constant velocity couplings with high torque capacity and zero backlash.
- Bore tolerance +0.025 mm / -0.000 mm.
- Recommended shaft tolerance +0.000 mm / -0.013 mm.

RS PRO Flexible Beam Coupling

RS-Stock Number: 0764274



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, Oldham couplings and universal joint couplings. Each coupling is manufactured as one piece, thereby eliminating mechanical joints and possible failure points. Depending on Coupling Size they have one set screw at each end or have two set screws 120 degrees apart. Typical applications include encoders, stepper motors, robotics, measuring instruments, servo systems, pumps, valves, fans etc.,

General Specifications

Material	Aluminium 7075 (A)
Coupling Type	Beam Coupling
Series	BCA
Fastening Type	Set Screw

Mechanical Specifications

Bore 1	3 mm
Bore 2	3 mm
Outside Diameter	12.7 mm
Length	19.1 mm
Set Screw	M2

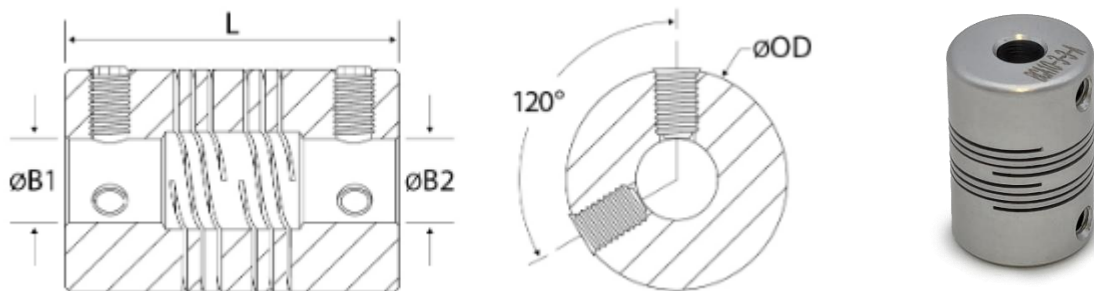
Product Details

RS PRO Metric Four Beam Coupling – Set Screw Style

Material	Aluminium 7075 (A)
Coupling Type	Beam Coupling
Series	BCA
Fastening Type	Set Screw

RS PRO BCA Series couplings size with outer diameter size 10 - 19 have one set screw each end, size 22 to 32 have two set screws 120 degrees apart.

Bore tolerance +0.025 mm / -0.000 mm | Recommended shaft tolerance +0.000 mm / -0.013 mm



Stock No.	Bore Ø B1	Bore Ø B2	Outer Ø OD	Length L	Set Screw
132155	3 mm	3 mm	9.5 mm	14.3 mm	M2
BCA13-3-3-A	3 mm	3 mm	12.7 mm	19.1 mm	M2
BCA13-4-4-A	4 mm	4 mm	12.7 mm	19.1 mm	M2
BCA13-5-4-A	5 mm	4 mm	12.7 mm	19.1 mm	M2
BCA19-4-4-A	4 mm	4 mm	19.1 mm	22.9 mm	M4
132156	5 mm	5 mm	19.1 mm	22.9 mm	M4
132158	6 mm	6 mm	19.1 mm	22.9 mm	M4
132159	6 mm	6 mm	25.4 mm	31.8 mm	M4
132161	8 mm	8 mm	25.4 mm	31.8 mm	M4
132162	10 mm	10 mm	25.4 mm	31.8 mm	M4