

## Features

- One Piece Rigid Coupling
- Bore tolerance  $+0.012/+0.050$  mm
- Material – Steel C45 (EN8) (Black Oxide)
- Precision machined bore = Ra 0.8
- Patchlock Anti-Vibration Screws
- Recommended shaft tolerance  $+0 / - .013$  mm

## RS PRO Rigid Coupling

RS-Stock Number:

0606028, 0606031, 0606033, 0606035, 0606038, 0606041,  
0606044, 0606045, 0606047, 0606048, 0606049, 0606050



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 Rigid couplings are ideal for applications requiring precise, inflexible shaft connections. Rigid couplings do not permit radial or axial motion in the shaft between the driver and the driver unit, so they operate as a single shaft. Rigid couplings are primarily used in vertical applications. They offer high torque transmission, reliable performance, and are widely used in industries where shaft alignment is critical. However, they are best suited for applications where there is no room for misalignment, as they do not tolerate movement or vibration.*

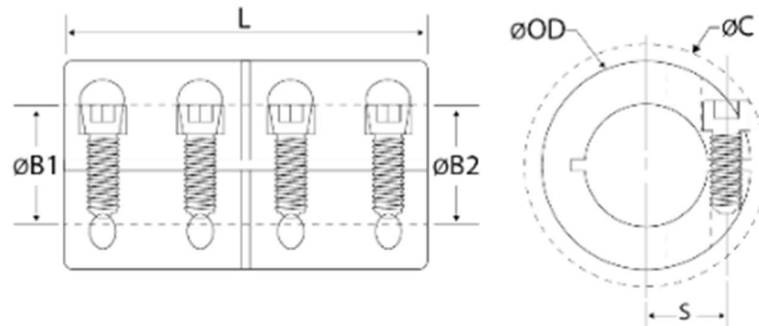
## General Specifications

Material	Black Oxide Steel
Coupling Type	Shaft Coupling
Series	RCS
One / Two Piece	One Piece
Metric / Imperial	Metric

## Mechanical Specification

Material	Steel C45 (EN8) (Black Oxide)
Bore tolerance	+0.012/+0.050 mm
Precision machined bore	Ra 0.8
Fastening Type	Patchlock Anti-Vibration Screws
Recommended shaft tolerance	+ 0 / - .013 mm

## Mechanical Specification



Stock No.	Bore $\varnothing B1$ & $B2$	Outside Diameter $\varnothing OD$	Length $L$	Screw Lock $S$	Clearance diam. $C$ (mm) max	Forget Clamp Screw
Unit of measure: mm						
0606028	4	15	22	4.6	15	M2
0606031	5	15	22	4.6	15	M2
0606033	6	18	30	5.9	21.5	M3
0606035	8	24	35	9	27.1	M3
0606038	10	29	45	10.6	33	M4
0606041	12	29	45	10.6	33	M4
0606044	14	34	50	12	39.4	M5
0606045	15	34	50	12	39.4	M5
0606047	16	34	50	12	39.4	M5
0606048	20	42	65	15.4	48.9	M6
0606049	25	45	75	16.9	51.5	M6
0606050	30	53	83	20.9	58.7	M6

