

Harvard Apparatus Stronghold™ Connectors



Previous



Next

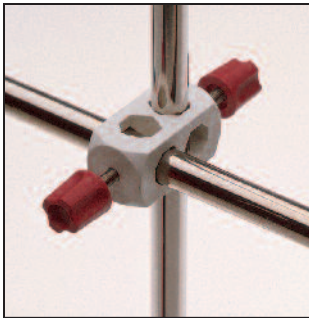
Section Table of Contents

Main Table of Contents

Search

WWW Home

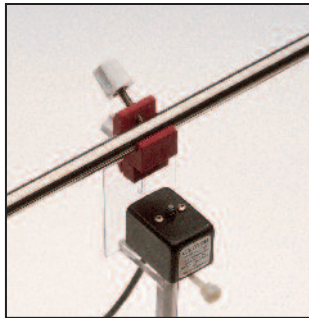
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Closed Connector

The most common use of this closed connector is to firmly mount the stem of a clamp horizontally on a vertical lattice rod or stand. It holds rods or clamp stems up to 13 mm (1/2 in) in diameter. The 2 rods are held at a right angle to each other.

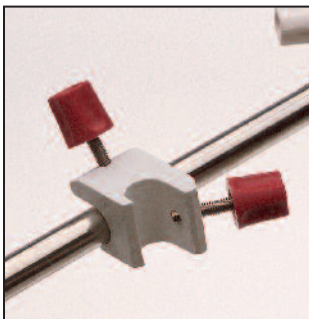
Order #	Product
EC1 53-2012 R	Closed Connector, Red
EC1 53-2012 W	Closed Connector, White



Small Vice/Board Clamp

This has a clamping range of 0 to 8 mm (0 to 1/3 in). The face plate and pusher block are parallel with straight jaws 25 mm (1 in) wide. Securely holds thin sections such as PCBs, slides, rulers, filters, targets, boards, etc. It has an open sided connector for mounting on a 13 mm (1/2 in) rod.

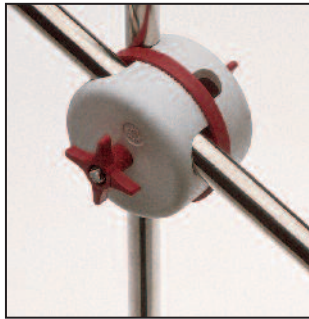
Order #	Product
EC1 53-2122 R	Small Vice/Board Clamp, Red
EC1 53-2122 W	Small Vice/Board Clamp, White



Open-Sided Connector

The most common use of this open-sided connector is to mount two rods at right angles or to mount a clamp stem horizontally on a vertical lattice rod or stand. It holds rods or clamp stems up to 13 mm (1/2 in) in diameter and can easily be added to or taken from existing lattices or structures without disturbing other adjacent apparatus.

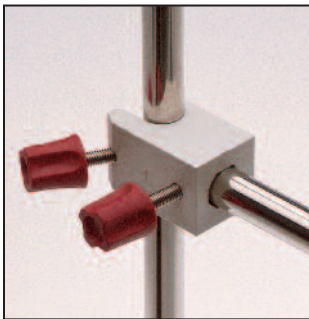
Order #	Product
EC1 53-2022 R	Open-Sided Connector, Red
EC1 53-2022 W	Open-Sided Connector, White



360° Rotation Connectors

This connector permits two rods to be rotated through 360° and locked in place. Each cap has two sets of bores to accept different size rods.

Order #	Top Cap Bore OD	Bottom Cap Bore OD
EC1 53-2052 R	6.4 mm (1/4 in)	9.5 mm (3/8 in)
EC1 53-2052 W	9.5 mm (3/8 in)	13 mm (1/2 in)
EC1 53-2062 R	9.5 mm (3/8 in)	9.5 mm (3/8 in)
EC1 53-2062 W	13 mm (1/2 in)	13 mm (1/2 in)



Tee Connector

The main use of this tee connector is to mount clamps and adapters that have a male connector to vertical lattice rod. One end has an open side that will clamp on a rod up to 13 mm (1/2 in) in diameter. The other end has a female socket 19 mm (3/4 in) deep that will take a male connector, or the butt end of a rod, up to 13 mm (1/2 in).

Order #	Product
EC1 53-2032 R	Tee Connector, Red
EC1 53-2032 W	Tee Connector, White



Large Work Holding Vice

This vice has a 0 to 75 mm (0 to 3 in) clamping range. The face plate and pusher block are both 35 mm wide by 25 mm deep (1-3/8 x 1 in). It mounts on a 13 mm (1/2 in) rod either vertically or horizontally, on a benchtop or wall, and also on such holders as the EC1 53-2222 ball joint adapter allowing the most awkward pieces of work to be held in a convenient position.

Order #	Product
EC1 53-2142 R	Large Work Holding Vice, Red
EC1 53-2142 W	Large Work Holding Vice, White