

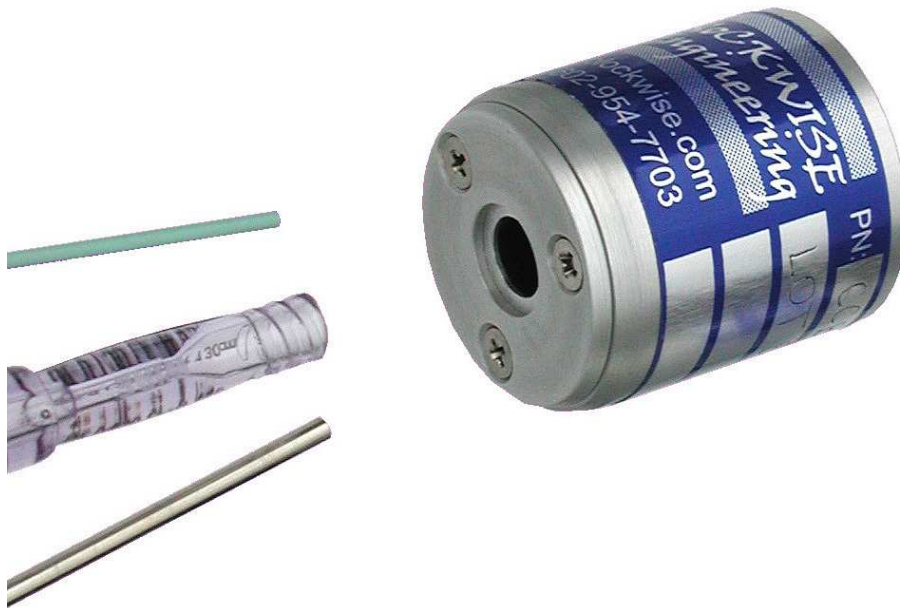
Tube Grabber CCB



Blockwise Engineering, LLC

<http://www.blockwise.com>

The Blockwise **Tube Grabber™** is a high pressure, panel-mounted quick connector for tubes, luer fittings, or just about anything to which you need a fluid connection. It provides a fast, ergonomic, and reliable fluid connection to your product for processing or testing. Tube grabbers are also often used for product holding, like a chuck.



Operation is simple:

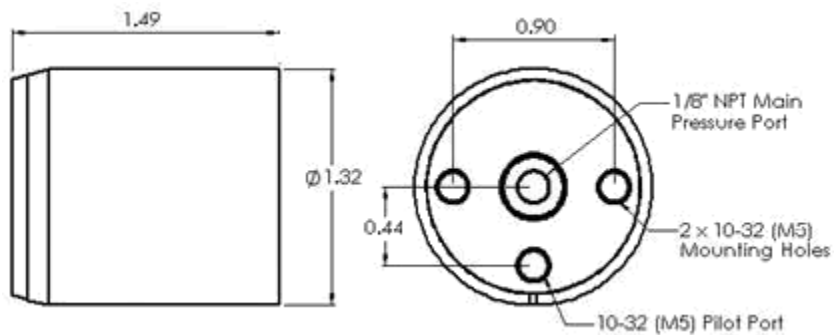
Insert your luer fitting, then apply pilot pressure (either manually or automatically), causing the rubber seal to tightly grip your product, then run your process or test through the main port.

Features:

- Suitable for process pressures up to 300 psi [20 bar]
- Panel mounting with screws from rear or, with optional bracket, from front
- Large straight-through port allows guide wires or catheter tips to pass through connector
- Suitable for product diameters from 0.5 mm (0.02 inch) to 8 mm (0.31 inch)
- Custom-sized rubber seal for your product available for next-day shipment
- Small size
- Quick & safe operation

Specifications:

Body & Face Material	Aluminum, anodized Mil-A-8625, Type II clear
Seal Material	Typically urethane 60A durometer, natural color (Black neoprene 40A also available)
Lubrication	A small amount of Dupont Krytox grease is applied to the outside of the rubber seal (McMaster #10195K29)
Pilot Pressure Range	50 to 100 psi
Main (Process) Pressure Rating	Full vacuum to 300 psi (depends on product)



Installation & Operating Instructions:

Mounting:

Two 10-32 tapped holes are provided for mounting from the rear. An optional face mounting bracket is available.

Fluid Connections:

1. Attach a regulated pneumatic pressure source to the pilot pressure port.
2. Attach the process line to the main pressure port.

Operation:

1. Insert your product into connector.
2. Activate pilot pressure. (Pilot pressure should be set high enough to achieve a good seal.)
3. Run your process or test through the main port.
4. Relieve pilot pressure.
5. Remove the luer fitting from connector.

Optional Face Mounting Bracket

The face mount bracket attaches to the back of the connector, allowing use of mounting screws from the front.