

Tool Release (TR) Connectors

The BFM® TR (Tool Release) Connector has been developed for applications where the connector is mounted very close to equipment that is rotating or spinning very fast, providing additional safety for production and maintenance staff. The Snap Ring of the BFM® TR connector is manufactured to have a firmer fit than a standard connector which also makes it ideal for negative pressure (vacuum) applications.



The BFM® TR (tool release) O40E and O40AS fittings have an embossed identifier stamp to make them easy to differentiate from our standard fittings.



The BFM® 'TR Release Tool'.

Another very popular way of ensuring safety while using the BFM® fitting near rotating machines is to use a proximity sensor switch.

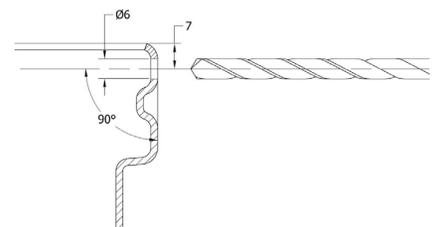
For more information, please see the BFM® 'Guidelines: Proximity Sensors'.

There are some applications where it is mandatory to have a connector fitted so that a tool must be used to remove the connector.

Once a BFM® TR connector is fitted, it can only be removed by using a TR Release Tool, which is simply inserted into a 6mm ($1\frac{5}{64}'' \approx$) hole in the side of both the upper and lower spigots.

It is important to note that the BFM® TR connector fits very firmly in place and that caution must be used when inserting and removing the connectors.

Please refer to the installation instructions on the following page.



A 6mm ($1\frac{5}{64}'' \approx$) hole is drilled in a standard spigot in the position shown above.





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Installation:



01.

Ensure the BFM® spigot is clean and dry.



02.

Seat the back of the connector into the BFM® spigot and release. The cuff will snap into the spigot.



03.

Snap into the second spigot, ensuring that the welded seam of the connector is straight and that points A and B are directly in line.

IMPORTANT: The part labels on the connector cuffs are positioned over the snap-band weld, therefore always ensure the labels are positioned 10 - 15 cm/4-6 inches **away from the TR hole**. This will help protect the weld in the spigot snap-band.



Removal:



01.

Insert the removal tool in the opening of the hole and push towards the center of the fitting.



02.

Hold the seal of the connector and remove from the spigot.

CAUTION!

It is important when installing or removing the TR fitting to keep your fingers clear of the seal as it snaps into place with force.

Your spigots are now ready for a new connector.

BFM® Global makes no warranty of any kind, expressed or implied, except that goods sold shall be of merchantable quality, free of manufacturing defect, and the buyer assumes all risk and liability resulting from the use of the goods, whether used singly or in combination with other products.

NB: Measurements given in mm are exact, those given in inches are approximate conversions only