



### Product Overview

Reacton® recommends the use of the QR Twinseal push fittings in conjunction with 6/4mm and 8/6mm detection tube. These fittings can be used in our Reacton® CT Direct & CTX Indirect Systems. These fittings can be used within pneumatic and low-pressure hydraulic circuits compatible with NBR O-rings.

This fitting are to be used with Plastic – Polyimide (PA) 6-11-12, PU, Hytrel Polyester 6/4mm or 8/6mm Tubes.

### Key Features

- High Quality Nickel Plated Brass
- 1/8" BSPP Thread where applicable
- Suitable for Polyamide (PA) 6 - 11 - 12, PU, Hytrel Polyester
- Comply with DIN 3870-3861
- Suitable for compressed air, inert gas and/or low-pressure fluids

### Common Applications

- Heavy Mobile Plants
- Kitchen Hoods & Restaurants
- Sports Racing Cars or Boats
- Commercial Boats & Yachts

### Reacton Cylinder Compatibility

- Dry Powder
- Wet Chemical
- Clean Agent
- Water
- Inert Gas

### Mechanical Data

<b>Material:</b>	High Quality Brass
<b>Finish:</b>	Nickel Plated
<b>Marking:</b>	N/A
<b>Weight:</b>	Variable, depends on part
<b>Electrical Connections:</b>	N/A
<b>Mechanical Connections:</b>	1/8" BSPP; 6mm or 8mm tube opening

### Functional & Environmental Data

<b>Operating Pressure:</b>	15.0 or 25.0 barg @ 20°C [217.5 or 362.6 psig @ 68°F]
<b>Operating Temperature:</b>	-40°C to +60°C [-40°F* to + 140°F]
<b>Operations Cycles:</b>	Unlimited
<b>Standards:</b>	All Threads GAS, conical ISO 7 (BSPT) GAS, cylindrical ISO 228 (BSPP)
<b>Compliance</b>	The fittings seat, noses and nuts comply with the DIN 3870-3861
<b>Fitting Torque:</b>	Depending upon the pipe, typical between 3-12 Nm

## REACTON ACCESSORIES

### QR TWINSEAL FITTINGS

#### COMPONENT DATASHEET

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#### QR Compression Fittings Range



RE7041-6/4mm  
RE7056-8/6mm



RE7014-6/4mm  
RE7059-8/6mm



RE7013-6/4mm  
RE7060-8/6mm



RE7008-6/4mm  
RE7063-8/6mm



RE7011-6/4mm  
RE7061-8/6mm



RE7315-6/4mm  
RE7314-8/6mm

\*Images are for illustration purposes only. Colour, size, markings may vary depending on the fitting type.

#### Principle of Operation / Purpose of use



The O-Rings act as a retainer for the tube while at the same time dual seal tube surface on the two sides of the fitting. Please see Figure below for more information about connecting the fittings onto the plastic tube.

#### Compatibility List

Reacton® CT™ Direct Systems  
Reacton® CTX Indirect Systems

#### Compression Fittings Range

Part Number	Description
RE7041	QR Twinseal Stud: 1/8" Threaded - 4/6mm Tube
RE7056	QR Twinseal Stud: 1/8" Threaded - 6/8mm Tube
RE7014	QR Twinseal Elbow: 1/8" Thread-6/4mm Tube
RE7059	QR Twinseal Elbow: 1/8" Thread-8/6mm Tube
RE7013	QR Twinseal Tee: 1/8" Threaded-6/4mm Tube
RE7060	QR Twinseal Tee: 1/8" Threaded - 8/6mm Tube
RE7008	QR Twinseal Tee: 6/4mm Tube Only
RE7063	QR Twinseal Tee: 6/8mm Tube Only
RE7011	QR Twinseal In-Line: 6/4mm Tube Only
RE7061	QR Twinseal In-Line: 8/6mm Tube Only
RE7315	QR Twinseal Blanking Cap: 6/4mm Tube
RE7314	QR Twinseal Blanking Cap: 8/6mm Tube

#### Warranty Validity & Precautions

The warranty is invalidated if the system or part is used under conditions other than those indicated in this datasheet or/and the product has been custom modified.

Stresses above the maximum limits indicated may cause permanent damage to the part or system. Exposure to absolute maximum rating conditions for extended periods may affect reliability that could compromise the system integrity and lead to loss of asset, serious injury or death.

Whilst Reacton® has taken care to ensure the accuracy of the information contained herein it accepts no responsibility for the consequences of any use thereof and reserves the right to change the specification of goods without notice.

Doc Number: DAS-COM0023 Rev.C

Released Date: 20 AUG 2021

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