

Ci MT Orifice kit

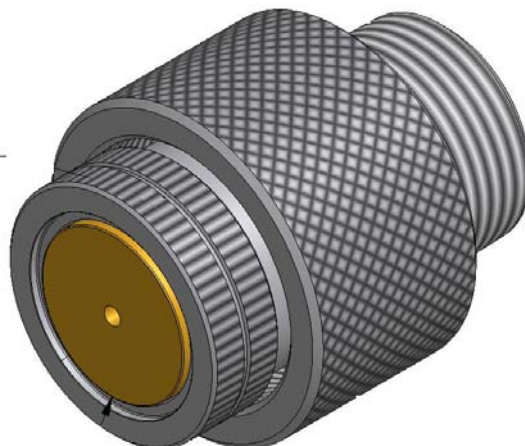
Item numbers covered by this datasheet

305730	Ci MT ISO orifice kit 1"
305730-8	Ci MT ISO orifice kit calibrated
305731	Ci MT npt orifice kit 1"
305731-8	Ci MT npt orifice kit calibrated

General

The Ci MT orifice kit contains the orifice which must be calibrated in accordance with the IMT calculation to ensure the correct pipe pressure.

Pipe connection is with taper thread and the manifold connection is with O-ring seal (O-ring is supplied with the manifold).



Ordering information

All orifice kits are supplied with a predrilled $\varnothing 3\text{mm}$ orifice.

If a "-8" item number is ordered sufficient information to calibrate the orifice must be supplied.

Specifications

Pressure:

Work: 400 bar (300 bar fill @ 15°C),

Proof (burst): > 1200 bar

Temperature: -40 to 300°C

Flow way: max. 380mm²/ ($\varnothing 22\text{mm}$)

Tread connections: 1" respectively ISO 7 or NPT

Materials: Brass orifice, zinc plated steel

Dimension:

LxDxH: $\varnothing 50 \times 62\text{mm}$

Weight: 0.5 kg

Markings

Fire Eater Logo, Thread type (ISO/npt), ORMM40-25a, Serial number, WP 40 MPa
Orifice"###."

Document: Ci-MT Orifice kit 2017

Text

Product:

Control Inert

Id: MK

Rev:2017.04.18



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Installation

PTFE tape or similar sealant must be applied to the 1" tapered external thread.
The orifice kit is screwed onto the pipe system.

It is important not to damage the markings, therefore the knurled ring under the union nut should be used for gripping.

The manifold is screwed to the orifice by holding it in place and turning the union nut.
Before fixing the manifold it is important to verify that the o-ring is placed in its groove and is undamaged.

Operating

No operations are necessary.

Maintenance

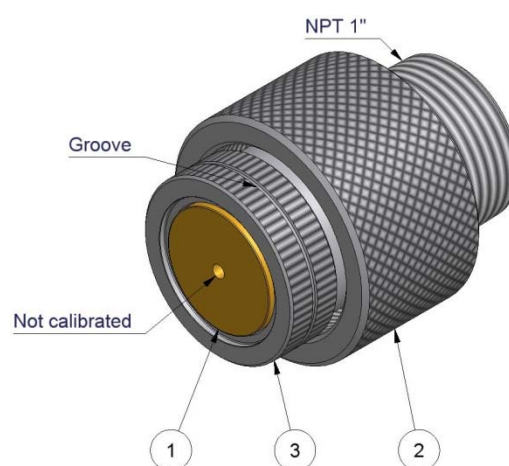
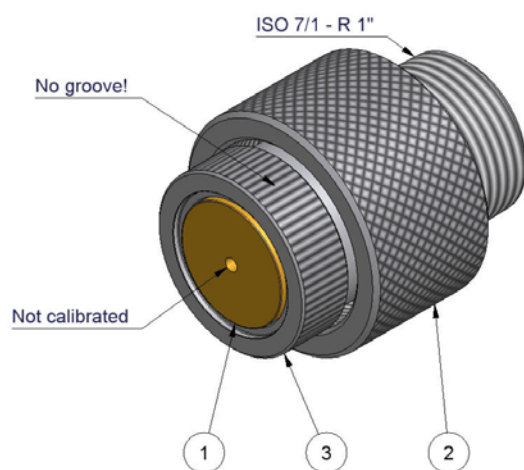
No requirements.

Routine testing

No requirements.

Exploded view

Pos.	Item	Description
1	305660	Orifice plate (Brass)
2	305662	Pipe adapter ISO
	305563	Pipe adapter npt
3	305661	Union nut



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Text

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