

Dura Test Plug



Specifications

Test Plug Body: Dezincification Resistant Brass with R 1/4" sealing thread (1/4" BSPT thread to AS ISO 7.1).

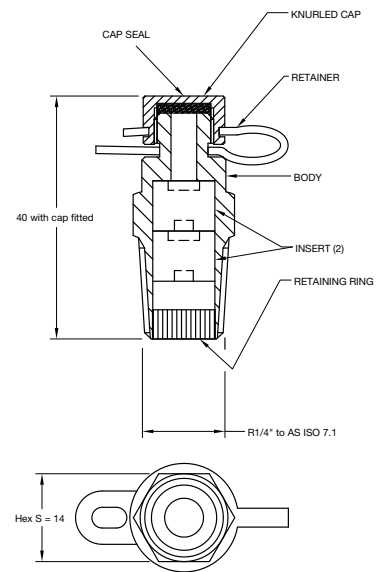
Test Plug Inserts: EPDM material for hydraulic installations only. Not suitable for natural gas installations.

Temperature Range: -10°C to 135°C

Maximum Pressure: 3500kPa

Recommended Minimum PPE

Operator must wear heat resistant gloves and goggles. (PPE - Personal Protective Equipment).

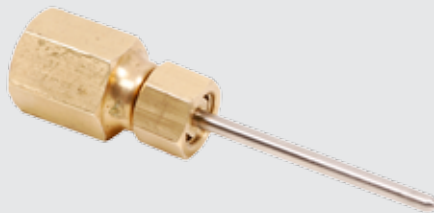


Accessories

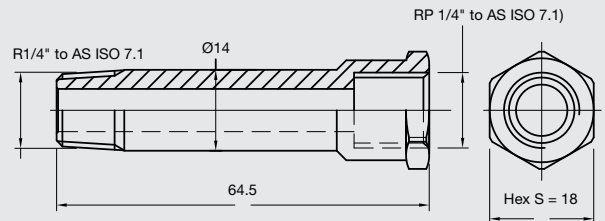
Gauge extensions, sockets and adaptors available

Test Point Probe 3.0mm
(1006622)

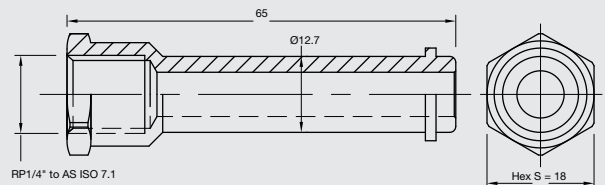
Loctite Silicone
Lubricant 150ml
(1908373)



Dura extension
M&F 65x6mm
(1006661)



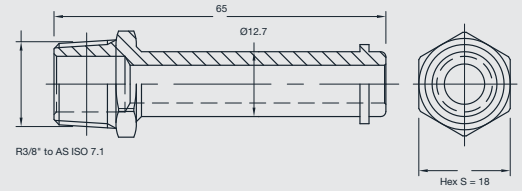
Dura solder socket
6x65mm
(1011739)



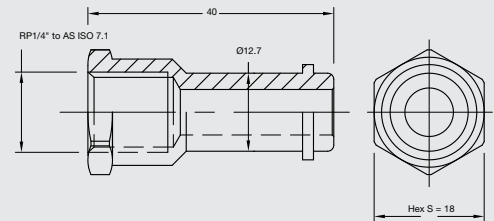
Dura Test Plug

Gauge extensions, sockets and adaptors available - continued

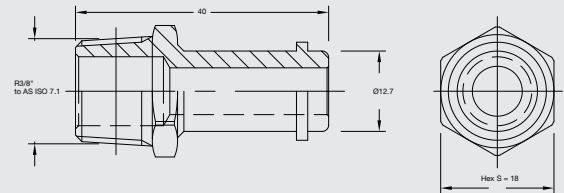
Dura solder nipple
10x65mm
(1011740)



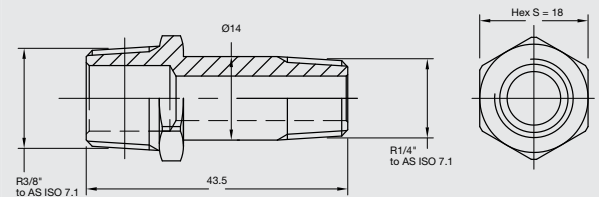
Dura solder socket
6x40mm
(1011741)



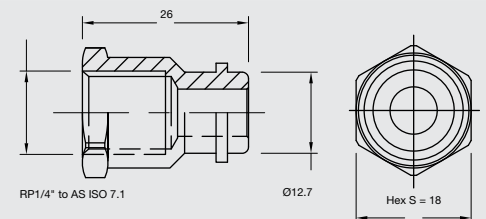
Dura solder nipple
10x40mm
(1011742)



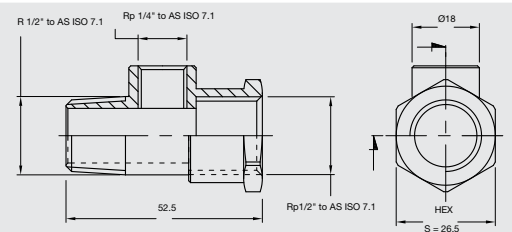
Dura extended nipple
10x6mm
(1011743)



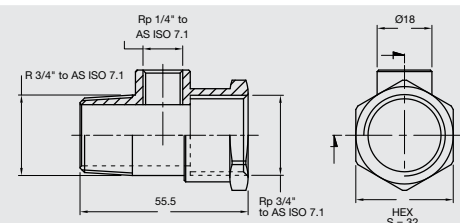
Dura Solder socket
6x25mm
(1006590)



Dura Extension
M&F 15mm
(9503345)



Dura Extension
M&F 20mm
(9503346)



Dura Test Plug

Operating Procedure for Obtaining Readings

1. Operator must wear PPE when accessing the Dura Test Plug.
2. Gradually unscrew cap from the test plug carefully and retighten cap again if escaping liquid can be seen, heard or felt.
3. Replace Dura Test Plug if determined to not be operating correctly.
4. Remove cap from test plug
5. Select an appropriate probe to measure temperature or pressure.
DO NOT use non-standard or damaged probes
6. Examine probe tip for any sharp burrs that could damage plug inserts and remove them to ensure probe tip is smooth.

7 Pressure Probe Insertion

- 7a. Establish what approximate pressure will be in the pipeline for testing then select a 1/4" BSPT male inlet pressure gauge with a suitable pressure range for the pipeline pressure.
- 7b. Screw pressure gauge onto the pressure gauge adaptor probe fully.
- 7c. Lubricate probe tip with a small amount of Loctite Silicone Lubricant and partially insert the pressure gauge adaptor probe into the test plug with a slow turning motion.

NOTE: If unsure of pipeline pressure behind Dura test plug, be prepared to quickly withdraw the probe before rupturing or over-pressurising the pressure gauge.

WARNING: Inserting a low range pressure gauge fully into a test plug in high pressure line can explode the pressure gauge.

- 7d. Only insert the probe fully when pressure gauge needle stabilises
- 7e. Screw the adaptor probe union onto the test plug to prevent internal pressure from the pipeline from ejecting both the gauge and probe.
- 7f. Take a pressure reading from the gauge.
- 7g. Once pressure reading(s) have been taken, unscrew the adaptor probe union from the test plug and remove the pressure gauge from the plug.

NOTE: Observe safety precautions. DO NOT place your face near the plug when removing the probe

- 7h. Replace Dura test plug cap immediately after probe is removed.

8 Temperature Probe Insertion

Temperature probes are similar to pressure probes with the exception of the adaptor probe union not being fitted to temperature probes.

- 8a. Operator must first determine the pressure behind the Dura test plug prior to inserting a temperature probe.
- 8b. Once pressure has been established follow the procedure set out in steps 7a to 7h.