



AusPress®

BSP-316

Install Guide



1/8 - 4" BSP

Start here

Thread with confidence...

AusPress BSP range of threaded fittings are manufactured from grade 316 stainless steel and WaterMark approved.

Installation only by a qualified & licensed plumber to AS 3500 and AS 5601 for potable water and gas applications.

Check for suitability...

Before installation, check the stainless material is suitable with the application fluids and exterior environmental conditions.

If in doubt, ask us!



WaterMark Compliance

Additional product testing to ensure product safety and quality conformance to AS 3688 including contact with water for human consumption has been passed and identified by the WaterMark certificate number marked on each fitting.

Product Limitations

- Operating Temperature: -196 to 800°C.
- Operating Pressure: 1,600 kPa (max).

Installers are to refer to the applicable standard relevant to their installation as product limitations may achieve greater than what is approved.

Material Compatibility

AusPress BSP fittings are manufactured from grade 316 stainless steel. This material contains no lead as part of its composition.

Threading stainless onto other metal components can lead to bimetallic corrosion, for example mixing with galvanised pipe. Refer to our Tech Note TN.33 for more information.

3.1 Material Certificate

Material conformance and batch numbers are marked on each fitting for quality tracing back to the base material for peace-of-mind and after sales support.

Certificates are available on request at the time of ordering.

Thread Identification

BSP threads are type identified before the size of the thread. For example Rp1/2" BSP.

Thread Type	Parallel BSPP (Fastening) ISO 228.1	Tapered BSPT (Sealing) ISO 7.1
External (Male)	GB	R
Internal (Female)	G	Rp

Thread Sealant & Tapes

Either PTFE tape or compatible liquid sealants are suitable, noting:

- For BSPP threads, sealant is required.
- For BSPT threads, sealant is recommended.

Refer to our Tech Note TN.18 for more information.

Using with Press-Fit

When tightening onto threaded press fittings, particularly where a fixed wrenching flat forms part of the fitting, support both fittings to ensure the rotational torque stresses are not applied to the press-fit socket.

Warranty

Products are covered by a limited 10 year warranty with a service life of 50 years. Refer to AusPress for more information.