

Instrument Nozzle

Small-bore connection for pressure, temperature and level instruments.

Instrument nozzles provide a dedicated small-bore penetration for transmitters, gauges, thermowells and level devices. They are supplied with the specified thread or flange, and can include a thermowell or coupling as a single welded assembly.

KEY FEATURES

- Small-bore instrument connection
- Threaded, flanged or socket-weld termination
- Thermowell and coupling options
- Compact reinforcement for shell openings

SPECIFICATION

ITEM	VALUE
Size range	1/2–2 in
Connection	NPT, socket weld, flanged
Schedule	80 or specified
Thermowell	Integral or separate, on request
Reinforcement	Per ASME VIII
Inspection	Dimensional, thread gauge

STANDARDS AND MATERIALS

Standards: ASME Section VIII Div. 1; ASME B1.20.1; ASTM A106 / A182.

Materials: ASTM A106-B; ASTM A182 F316L.

ORDERING RANGE

Representative configurations. The full size, material and connection range is confirmed on the order acknowledgement.

SIZE	SCHEDULE	CONNECTION	MATERIAL	PART NUMBER
1/2"	80	NPT	A106-B	BGI-IN-0050-80-A106
3/4"	80	NPT	A106-B	BGI-IN-0075-80-A106
1"	80	Flanged 150	F316L	BGI-IN-0100-80-F316L
2"	80	Flanged 150	F316L	BGI-IN-0200-80-F316L

APPLICATIONS

- Pressure transmitters
- Temperature gauges
- Level instruments
- Sampling points

ORDERING NOTES

Confirm size, pressure class, facing or connection, material and quantity when ordering. For critical service, include the project specification, NDE requirements and documentation package. Alternative materials, coatings, tappings and special dimensions are quoted on request.

Range: Nozzles. Document reference: DS-INSTRUMENT-NOZZLE · Rev. 04.

Ordering and technical support

sales@belvantaglobal.com · +1 (713) 555-0140 · www.belvantaglobal.com

1200 Industrial Parkway, Houston, TX 77032, United States

Quotations are prepared against the released specification. Certified drawings are issued with the order.