

Threaded Flange

Tapped flange for small-bore connections where welding is not practical.

Threaded flanges are tapped to NPT or BSP and used on small-bore utility, instrument and maintenance connections. They avoid hot work and allow rapid assembly, with sealant or tape specified for the service.

KEY FEATURES

- No welding required
- Suitable for utility and instrument connections
- NPT and BSP threads
- Available in carbon and stainless steel

SPECIFICATION

ITEM	VALUE
Size range	1/2–4 in
Pressure class	Class 300–600
Thread	NPT, BSP
Connection	Threaded
Temperature	-29 to 425 °C (material dependent)
Inspection	Dimensional, thread gauge

STANDARDS AND MATERIALS

Standards: ASME B16.5; ASME B1.20.1; ASTM A105 / A182.

Materials: ASTM A105; ASTM A182 F316.

ORDERING RANGE

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

SIZE	CLASS	THREAD	MATERIAL	PART NUMBER
1/2"	300	NPT	A105	BGI-TH-0050-300-A105
1"	600	NPT	A105	BGI-TH-0100-600-A105
2"	300	NPT	F316	BGI-TH-0200-300-F316
3"	600	BSP	F316	BGI-TH-0300-600-F316

APPLICATIONS

- Utility stations
- Instrument connections
- Maintenance tie-ins
- Non-welded assemblies

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: Flanges. Document reference: DS-THREADED-FLANGE · Rev. 04.

Ordering and technical support

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