

Slip-On Flange

Economical flange that slips over the pipe and is fillet-welded in place.

Slip-on flanges slide over the pipe and are attached with two fillet welds. They offer lower installed cost and easier alignment than weld neck flanges, with adequate strength for many low- and medium-pressure services.

KEY FEATURES

- Lower cost than weld neck construction
- Easier field alignment before welding
- Suitable for low- and medium-pressure service
- Raised-face and flat-face options

SPECIFICATION

ITEM	VALUE
Size range	1/2–24 in
Pressure class	Class 150–900
Face type	Raised face, flat face
Connection	Fillet weld
Temperature	-29 to 425 °C (material dependent)
Inspection	Dimensional, visual

STANDARDS AND MATERIALS

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

Materials: ASTM A105; ASTM A182 F304L; ASTM A182 F316L.

ORDERING RANGE

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

SIZE	CLASS	FACE	MATERIAL	PART NUMBER
2"	150	RF	A105	BGI-SO-0200-150-A105
4"	150	RF	F316L	BGI-SO-0400-150-F316L
6"	300	RF	A105	BGI-SO-0600-300-A105
8"	300	RF	F316L	BGI-SO-0800-300-F316L

APPLICATIONS

- Utility piping
- Low-pressure process lines
- Water and wastewater
- HVAC and cooling

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-SLIP-ON-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.