

Flush Nozzle

Flanged vessel connection with a bore flush to the internal shell surface.

Flush nozzles terminate at the internal shell surface, minimizing product hold-up and eliminating a protruding lip. They are used for drain, inlet and outlet connections where cleanliness or flow continuity matters.

KEY FEATURES

- Bore flush with internal shell surface
- Minimizes product hold-up and cleaning dead spots
- Flanged, butt-weld or threaded connection
- Reinforcement pad supplied where required

SPECIFICATION

ITEM	VALUE
Size range	1/2–24 in
Pressure class	Class 150–2500
Connection	Flanged, butt weld, threaded
Schedule	40, 80, XXH or specified
Reinforcement	Pad or integral, per ASME VIII
Inspection	Dimensional, weld prep, NDE on request

STANDARDS AND MATERIALS

Standards: ASME Section VIII Div. 1; ASME B16.5; ASTM A106 / A182.

Materials: ASTM A106-B; ASTM A182 F304L; 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
2"	40	Flanged 150	F316L	BGI-FN-0200-40-F316L
4"	40	Flanged 150	F316L	BGI-FN-0400-40-F316L
6"	80	Butt weld	A106-B	BGI-FN-0600-80-A106
8"	80	Flanged 300	A106-B	BGI-FN-0800-80-A106

APPLICATIONS

- Pharmaceutical vessels
- Food and beverage tanks
- Drain and outlet connections
- Clean-in-place systems

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-FLUSH-NOZZLE · Rev. 04.

Ordering and technical support

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