

Shell Connection Nozzle

Nozzle with an integral pad for shell connections in stainless and alloy equipment.

Shell connection nozzles combine the nozzle neck and a contoured reinforcement pad in one assembly. They are used on stainless and alloy vessels where a separate pad would add a crevice or complicate weld inspection.

KEY FEATURES

- Integral reinforcement pad
- Contoured to the shell outside diameter
- Reduced crevice risk in corrosive service
- Stainless and alloy construction

SPECIFICATION

ITEM	VALUE
Size range	2–8 in
Pressure class	Class 150–300
Connection	Flanged, butt weld
Reinforcement	Integral contoured pad
Material	304L, 316L, alloy on request
Inspection	Dimensional, PMI, NDE on request

STANDARDS AND MATERIALS

Standards: ASME Section VIII Div. 1; ASME B16.5; ASTM A312 / A182.
Materials: ASTM A312 TP304L; ASTM A312 TP316L; 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	F304L	BGI-SCN-0200-40-F304L
3"	40	Butt weld	F304L	BGI-SCN-0300-40-F304L
4"	40	Flanged 150	F316L	BGI-SCN-0400-40-F316L
6"	80	Butt weld	F316L	BGI-SCN-0600-80-F316L

APPLICATIONS

- Stainless vessels
- Alloy process equipment
- Corrosive service
- Clean-in-place vessels

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-SHELL-CONNECTION-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.