



665 Stainless Steel Tapping Sleeve

4" - 24" Pipe Sizes with Outlets thru 12"

Product Specifications

Test Plug:
3/4" bronze with square head.

Gasket & Bridge Plate:
NSF 61, 1/4" thick, gridded Nitrile (Buna-N), compounded to resist natural gas, water, oil, acids, alkalies, most (aliphatic) hydrocarbon fluids and many chemicals.
Temperature Range: -20° F to +180° F.

The gasket provides 360° pipe coverage with the neck gasket molded in place in the one-piece top half.

The bridge plates are heavy gauge 302 Stainless Steel, recessed and molded into the gasket. This provides a continuous smooth surface to bridge the gap between body halves.

Flange:
18-8 Type 304 Stainless Steel
AWWA Class D, recessed for tapping valve per MSS-SP 60.

Body, lugs and neck:
18-8 Type 304 Stainless Steel.

Washers:
Type 304 Stainless Steel and nylon, one of each per bolt.

Bolts and Nuts:
18-8 Type 304 Stainless Steel with NC threads, epoxy coated.
Nuts are fluoropolymer coated to prevent galling.

Features:

- NSF 61 listed.
- Easy to install.
- Range helps reduce inventory.
- Removable bolts can easily be replaced.
- Meets applicable AWWA C223 Standards.
- Molded-in ring in the gasket to ensure effective sealing.
- Nylon washers provide to improve bolt torque capability.
- Heavy gauge, all-stainless steel body for rugged performance.
- Fully chemically passivated for maximum corrosion protection.
- Test outlet to allow hydrostatic pressure test before tapping the pipe.
- 360° seal provides maximum support and reinforcement around the pipe in case of pipe break.
- Body drawn out to accept the outlet neck adding to the overall strength of the area under the most stress.

Nominal Pipe Size	Working Pressure	Test Pressure
6"-12"	150 PSI	225 PSI
14"	140 PSI	210 PSI
16"	125 PSI	187 PSI
20"	100 PSI	150 PSI
24"	75 PSI	112 PSI

Product Specifications

SPECIFICATION:

The tapping sleeve body and neck shall be made of heavy 18-8 Type 304 stainless steel.

The flange shall be 18-8 Type 304 stainless steel, AWWA Class D and recessed to accommodate tapping valves.

The bolts shall be 18-8 type 304 stainless steel with NC threads and epoxy coated. The nuts shall be 304 stainless steel, fluoropolymer coated to prevent galling. One 304 stainless steel and one nylon washer to be provided with each bolt. A 3/4" test outlet and plug shall be provided to allow hydrostatic testing of the seal prior to making the tap.

The plug shall be 3/4" bronze with a square head.

The gasket shall be 1/4" thick and grid-

ded. The top half gasket shall be one-piece with a molded outlet ring to ensure effective sealing. It shall be NSF 61 Nitrile (Buna N) compounded to resist: water, oil acids, alkalis, most (aliphatic) hydrocarbon fluids and many other chemicals. The gasket shall have a temperature range of -20°F to +180°F.

The gasket shall have bridge plates made of heavy 302 stainless steel. The bridge plates shall be recessed and bonded into the gasket.

All welded stainless steel surface areas shall be fully passivated for maximum corrosion protection.

The tapping sleeve shall be NSF 61 listed and meet applicable AWWA C223 standards.

The tapping sleeve shall be a Smith-Blair, Inc. style 665 or approved equal.

Approved By

Name:

Title:

Date:

THESE PRODUCT SPECIFICATIONS WERE CORRECT AT TIME OF PUBLICATION.

MATERIAL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

SEE CATALOG BROCHURE CC-620 FOR MORE DETAILS. VISIT SMITH-BLAIR'S WEBSITE AT WWW.SMITH-BLAIR.COM TO DOWNLOAD THE MOST CURRENT INFORMATION.



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