

ROMAC INDUSTRIES, INC

STAINLESS STEEL TAPPING SLEEVE (SST™)

SUBMITTAL INFORMATION

Note: Sleeve meets the requirements of MSS SP-60 and AWWAC223

MATERIALS

Flange	Ductile (nodular) iron, meets or exceeds ASTM A536, Grade 65-45-12. 304 Stainless Steel optional. All flanges in accordance with ANSI class 125 and 150 drillings and recessed to accept tapping valve.
Stainless Steel	Meets or exceeds ASTM A 240 type 304 UNS designated S30400.
Outlet	Heavy gauge 304L Stainless Steel. Fused to shell by GMAW weld on the outside and GTAW weld on the inside.
Shell	Heavy gauge Stainless Steel top half 304L back half 304.
Sidebars	Heavy gauge 304 Stainless Steel, GTAW welded to form permanent fusion with shell.
Lugs	304 Stainless Steel, fused to sidebars by GMAW welding.
Bolts	304 Stainless Steel, 4 inch sleeves use 1/2" UNC rolled thread, 6 - 12 inch sleeves use 5/8" UNC rolled thread. Bolts are GMAW welded to sidebar.
Nuts	Heavy hex, 304 Stainless Steel, 4 inch nominal size sleeves uses 1/2" UNC threads, 6 inch nominal size and larger sleeves uses 5/8" UNC thread. Nuts coated to prevent galling.
Washers	1/2" or 5/8" 304 Stainless Steel flat washers. 1/2" or 5/8" Plastic washer prevents galling between nut or stainless steel washer and lifter bar on all sizes.
Armors	Heavy gauge 304 Stainless Steel.
Lifter Bars	304 Stainless Steel, lip curved to hold position while tightening. Heavy gauge serves as bearing surface for nuts.
Gaskets	Virgin SBR rubber compounded for water and sewer service in accordance with ASTM D 2000 MAA 610. Specially designed grid pattern and tapered ends to assure seal around full circumference of pipe. Reinforced ring at outlet provides hydrodynamic seal. Other compounds available for petroleum or high temperature service, or other special applications. Romac can provide a NSF certified gasket on request.
WELDS	GMAW and GTAW weld processes. 308L Stainless Steel filler wire used as appropriate. Flange weld is GMAW type proprietary process. All welds fully passivated for enhanced corrosion resistance.
Pressure	When properly installed, the Romac Style SST Tapping Sleeve can work at these pressures ratings:

Pipe Size	Working Pressure	Test Pressure
4"- 8"	250 psi	312 psi
10" - 24"	200 psi	300 psi

SIZES AND RANGES, SEE CATALOG.

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This information is based on the best data available at the date printed above, please check with Romac Engineering Department for

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any updates or changes.

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