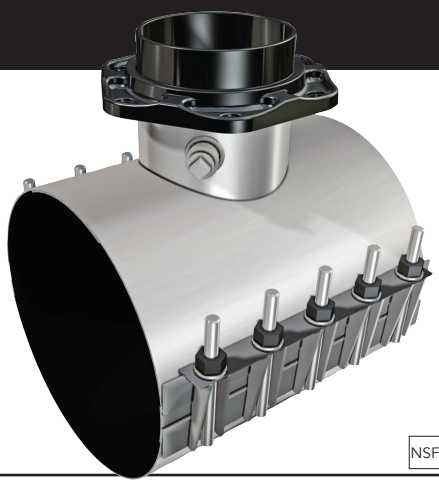
SST-MJ STAINLESS STEEL TAPPING SLEEVE
MECHANICAL JOINT (MJ) OUTLET

SUBMITTAL INFORMATION



NOTE: Sleeve meets the requirements of MSS SP-60 and AWWA C223.

NSF61 Certified.

MATERIALS

OUTLET
MJ style in accordance with AWWA standard C-111. Cast from ductile (nodular) iron, meeting or exceeding ASTM A536, Grade 65-45-12. Also available in type 304 stainless steel.

STAINLESS STEEL
Meets or exceeds ASTM A 240 type 304 UNS designated S30400 and S30403.

NECK
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 inch nominal size and larger sleeves use 5/8" UNC 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 use 5/8" UNC thread. Nuts coated to prevent galling.

MJ BOLTS & NUTS
3/4" UNC T-Bolts, heavy hex nuts, high strength low alloy steel per AWWA C111.

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
NSF 61 compliant virgin SBR rubber compounded for water and sewer service in accordance with ASTM D 2000. 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.

MJ GASKET
SBR per ASTM D 2000 MAA610, compounded for water and sewer service. Other compounds available on request.

WELDS

GMAW and GTAW weld processes. 308L Stainless Steel filler wire used as appropriate. Flange weld is GMAW type proprietary process. Tapping Sleeve is 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
26" - 30"	150 psi	187 psi

SIZES & RANGES

SEE CATALOG.

This information is based on the best data available at the date printed above. Please check with Romac for any updates or changes.

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