# SST™ STAINLESS STEEL TAPPING SLEEVE WITH DUCTILE IRON FLANGE

## SUBMITTAL INFORMATION

## INTENDED USE

The Romac Style SST is recommended for tapping Plastic, Cast Iron, Ductile Iron, Steel, Asbestos Cement and other pipe materials.

## STANDARD

NSF61 Certified.

The Romac Style SST style tapping sleeves meet all requirements set forth in the MSS SP-124 and AWWA C223.

## MATERIALS

**FLANGE**
Ductile (nodular) iron meets or exceeds ASTM A536, Grade 65-45-12. 304 Stainless Steel optional. ANSI class 125 and 150 drillings and recessed to accept tapping valves.

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

**OUTLET**
304L Stainless Steel, heavy gauge. Fused to shell by GMAW weld on the outside and GTAW weld on the inside.

**SHELL**
Stainless Steel, heavy gauge. Top half is 304L. Back half is 304.

**SIDEBARS & LUGS**
304 Stainless Steel, heavy gauge. Sidebars GTAW welded to form permanent fusion with shell. Lugs GMAW welded to Sidebars.

**TEST PORT & TEST PLUG**
304 Stainless Steel. Test port is ¾ inch FNPT. Test Plug is ¾" MNPT Hex Head Plug. Plug threads are coated to prevent galling.

**BOLTS**
304 Stainless Steel. 4.60 to 6.60 inch sleeves use ½" UNC rolled thread, 6"- 12" sleeves use 5/8" UNCE rolled thread. Bolts are GMAW welded to Sidebars.

**NUTS**
304 Stainless Steel, heavy hex. 4 inch nominal size sleeves use ½" UNC threads, 6 inch nominal size and larger sleeves use 5/8" UNC threads. Nuts coated to prevent galling.

**WASHERS**
304 Stainless Steel and Plastic Flat Washers. 4 inch nominal size sleeves use 1/2", 6 inch nominal and larger use 5/8" washers. Plastic washer prevents galling between nut or stainless steel Washer and Lifter Bar on all sizes.

**ARMORS**
304 Stainless Steel, heavy gauge.

**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 Styrene Butadiene Rubber (SBR) 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, chemical or high temperature service.

## 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 the pressure ratings shown here.

| PIPE SIZE | WORKING PRESSURE | TEST PRESSURE |
|---|---|---|
| 4"- 8" | 250 psi | 312 psi |
| 10" - 24" | 200 psi | 300 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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ROMAC INDUSTRIES, INC.
www.romac.com
21919 20th Avenue SE • Suite 100 • Bothell, WA 98021
Phone (425) 951-6200 • 1-800-426-9341 • Fax (425) 951-6201