

# 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.

### 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 3/4 inch FNPT. Test Plug is 3/4" MNPT Hex Head Plug. Plug threads are coated to prevent galling.

#### BOLTS

304 Stainless Steel. 4.60 to 6.60 inch sleeves use 1/2" UNC rolled thread, 6" - 12" sleeves use 5/8" UNCE rolled thread. Bolts are GMAW welded to Sidebars.

### 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

4" - 8"  
10" - 24"

#### WORKING PRESSURE

250 psi  
200 psi

#### TEST PRESSURE

312 psi  
300 psi

### SIZES & RANGES

SEE CATALOG.

### STANDARD

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

#### NUTS

304 Stainless Steel, heavy hex. 4 inch nominal size sleeves use 1/2" 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.

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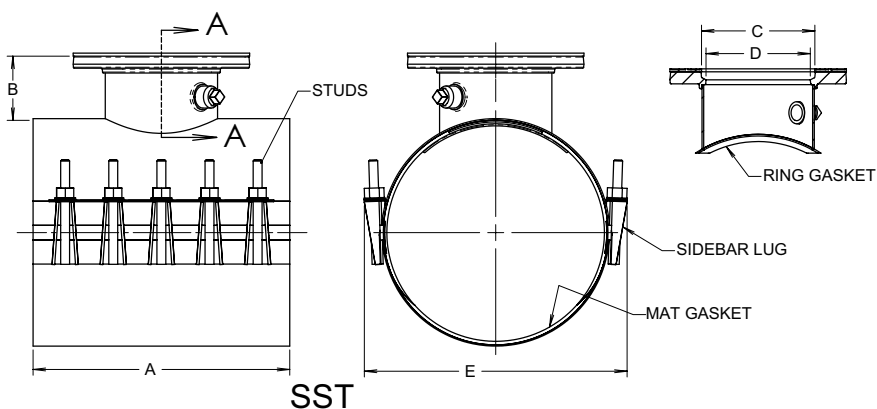
# SST & SSTIII DIMENSIONS



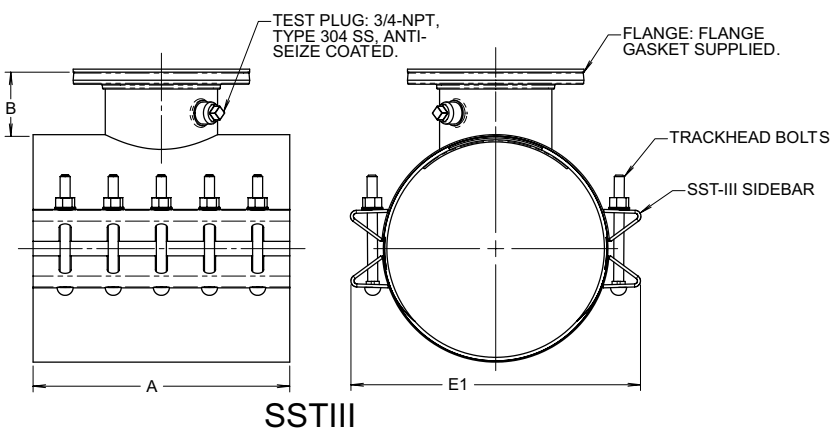
## A ROMAC ORIGINAL

### 1980 - Stainless Steel Tapping Sleeve

Corrosion resistant, provides full circumferential seal.



SST



SSTIII

DIMENSIONS								
FLANGE SIZE	CATALOG NUMBER	# OF BOLTS	A	B	C	D	E	E1
3"	4.60 - 5.30	8	12.0	4.00	4.03	3 1/2	PIPE OD + 3.0	PIPE OD + 4.6
	5.60 - 19.30	10	16.0					
	19.70 - 26.50	14	20.0					
	27.80 - 32.00 <sup>1</sup>	21	20.0					
4"	4.60 - 5.30	8	12.0	4.00	5.03	4 1/2	PIPE OD + 3.0	PIPE OD + 4.6
	5.60 - 19.30	10	16.0					
	19.70 - 26.50	14	20.0					
	27.80 - 32.00 <sup>1</sup>	21	20.0					
6"	6.25 - 17.95	10	16.0	4.5	7.03	6 1/2	PIPE OD + 3.0	PIPE OD + 4.6
	18.25 - 26.50	14	20.0					
	27.80 - 32.00 <sup>1</sup>	21	20.0					
8"	8.30 - 26.50	14	20.0	5	9.03	8 1/2	PIPE OD + 3.0	PIPE OD + 4.6
	27.80 - 32.00 <sup>1</sup>	21	20.0					
10"	10.73 - 26.50	16	24.0	5.5	11.03	10 1/2	PIPE OD + 3.0	PIPE OD + 4.6
	27.80 - 32.00 <sup>1</sup>	24	24.0					
12"	12.75 - 16.78	20	30.0	5.75	13.03	12 1/2	PIPE OD + 3.0	PIPE OD + 4.6
	17.55 - 26.50	20	30.0					
	27.80 - 32.00 <sup>1</sup>	30	30.0					

<sup>1</sup> SSTIII Only

- 6.25 & 6.60 sizes not available with 6" branch.
- 8.30 size not available with 8" branch.

- 10.73 size not available with 10" branch
- 12.75 - 12.90 sizes: 1/2" undersize cutter recommended.