

SST STAINLESS STEEL TAPPING SLEEVE



MATERIAL SPECIFICATIONS

SHELL & LUGS: Stainless steel per ASTM A240, type 304 and type 304L.

TEST PLUG: 3/4" NPT type 304 Stainless Steel. Plug threads coated to prevent galling.

BOLTS: UNC rolled thread, 304 stainless steel.

NUTS: Heavy hex, stainless steel per ASTM A194, type 304, coated to prevent galling.

WASHERS: Stainless steel type 304 and plastic lubricating washer.

GASKETS: SBR per ASTM D2000 MAA 610, compounded for water and sewer service. Other compounds available on request.

MJ BOLTS & NUTS: 3/4" UNC T-Bolts, heavy hex nuts, high strength low alloy steel per AWWA C111 provided with DI MJ outlet, 304 stainless steel per ASTM A193 GR B8 provided with SS MJ outlet.

OUTLET OPTIONS

1. Ductile Iron Flange per ASTM A536, Grade 65-45-12. Will accommodate tapping flanges per MSS SP-60.
2. Stainless Steel Flange per ASTM A240, type 304. Will accommodate tapping flanges per MSS SP-60.
3. Ductile Iron Mechanical Joint Outlet MJ style in accordance with AWWA standard C111. Cast from ductile (nodular) iron, meeting or exceeding ASTM A536, Grade 65-45-12.
4. Stainless Steel Mechanical Joint Outlet MJ style in accordance with AWWA standard C111. Stainless steel per ASTM A351 CF3 (Type 304L).



MEETS REQUIREMENTS OF MSS SP-124



NSF61 certified upon request.

Certified to NSF/ANSI 61 & 372

SST SLEEVES WITH MJ OUTLETS



MJ Gasket and HSLA T-bolts & Nuts are included with SST-MJ and SST-SS-MJ

| NOM. PIPE SIZE | SLEEVE O.D. RANGE (inches) | CATALOG NUMBER | | | D.I. FLANGE | LIST PRICE EACH | | | APPROX. WEIGHT (lbs.) |
|----------------|----------------------------|----------------|----|-----------------------|--|--|--|--|--------------------------|
| | | SLEEVE # | BY | BRANCH SIZE | | 304 S.S. FLANGE | D.I. MJ OUTLET | 304 S.S. MJ OUTLET | |
| 4" | 4.40 - 4.60 | SST - 4.60 | X | 3" 4" ¹ | NA \$1,456.23 | \$1,919.08 1,919.08 | NA \$1,528.94 | \$2,213.68 2,224.99 | 28# 30# |
| | 4.50 - 4.80 | SST - 4.80 | | | | | | | |
| | 4.70 - 5.00 | SST - 5.00 | | | | | | | |
| | 5.00 - 5.30 | SST - 5.30 | | | | | | | |
| | 5.30 - 5.60 | SST - 5.60 | | | | | | | |
| | 5.60 - 5.90 | SST - 5.90 | | | | | | | |
| 6" | 5.90 - 6.25 ² | SST - 6.25 | X | 3" 4" 6" | NA 1,512.92 1,722.73 | 2,000.01 2,000.01 2,280.82 | NA 1,585.60 1,805.16 | 2,294.59 2,305.89 2,713.05 | 36# 38# 45# |
| | 6.25 - 6.60 ² | SST - 6.60 | | | | | | | |
| | 6.60 - 7.00 | SST - 7.00 | | | | | | | |
| | 6.82 - 7.12 | SST - 7.12 | | | | | | | |
| | 6.90 - 7.30 | SST - 7.30 | | | | | | | |
| | 7.10 - 7.50 | SST - 7.50 | | | | | | | |
| 8" | 7.50 - 7.90 | SST - 7.90 | X | 3" 4" 6" 8" | NA 1,535.38 1,632.73 2,186.99 | 2,070.83 2,070.83 2,303.11 2,861.37 | NA 1,608.09 1,715.12 2,302.33 | 2,365.43 2,376.74 2,735.31 3,343.62 | 42# 44# 48# 66# |
| | 7.90 - 8.30 ³ | SST - 8.30 | | | | | | | |
| | 8.30 - 8.63 | SST - 8.63 | | | | | | | |
| | 8.62 - 9.06 | SST - 9.06 | | | | | | | |
| | 8.97 - 9.37 | SST - 9.37 | | | | | | | |
| | 9.04 - 9.45 | SST - 9.45 | | | | | | | |
| | 9.20 - 9.60 | SST - 9.60 | | | | | | | |
| | 9.55 - 9.95 | SST - 9.95 | | | | | | | |
| 9.90 - 10.30 | SST - 10.30 | | | | | | | | |

¹ For 4" flanged outlets, the recommended cutter size is 3 1/2"

² Not Available with 6" branch.

³ Not Available with 8" branch.

TO ORDER: Specify Sleeve Number x Branch Size x Outlet Type.

EXAMPLE: SST - 9.45 x 6" D.I. FLG Other sizes are available on request - P.O.A



SST STAINLESS STEEL TAPPING SLEEVE

| NOM. PIPE SIZE | SLEEVE O.D. RANGE (inches) | CATALOG NUMBER | | | | LIST PRICE EACH | | | APPROX. WEIGHT (lbs.) | |
|----------------|------------------------------|----------------|----|-------------|-------------|-----------------|----------------|--------------------|-----------------------|--|
| | | SLEEVE # | BY | BRANCH SIZE | D.I. FLANGE | 304 S.S. FLANGE | D.I. MJ OUTLET | 304 S.S. MJ OUTLET | | |
| 10" | 10.33 - 10.73 ⁴ | SST - 10.73 | x | 3" | NA | \$2,248.83 | NA | \$2,543.40 | 45# | |
| | 10.73 - 11.13 | SST - 11.13 | | | 1,692.59 | 2,248.83 | 1,765.27 | 2,554.71 | 48# | |
| | 11.02 - 11.42 | SST - 11.42 | | | 1,820.01 | 2,442.52 | 1,902.41 | 2,874.71 | 55# | |
| | 11.06 - 11.45 | SST - 11.45 | | | 2,209.39 | 3,097.10 | 2,324.76 | 3,579.40 | 70# | |
| | 11.45 - 11.85 | SST - 11.85 | | | 3,775.27 | 5,132.11 | 3,920.36 | 5,766.44 | 80# | |
| | 11.79 - 12.19 | SST - 12.19 | | | | | | | | |
| | 12.10 - 12.50 | SST - 12.50 | | | | | | | | |
| 12" | 12.35 - 12.75 ^{5,6} | SST - 12.75 | x | 3" | NA | 2,660.72 | NA | 2,955.31 | 50# | |
| | 12.45 - 12.85 ^{5,6} | SST - 12.85 | | | 1,887.39 | 2,660.72 | 1,960.09 | 2,966.61 | 52# | |
| | 12.70 - 12.90 ^{5,6} | SST - 12.90 | | | 2,026.22 | 2,927.39 | 2,108.64 | 3,359.62 | 60# | |
| | 12.75 - 13.20 ^{5,6} | SST - 13.20 | | | 2,374.12 | 3,539.51 | 2,489.52 | 4,021.84 | 81# | |
| | 12.90 - 13.30 | SST - 13.30 | | | 3,939.74 | 5,574.67 | 4,084.83 | 6,209.00 | 96# | |
| | 13.12 - 13.52 | SST - 13.52 | | | 4,288.02 | 6,641.20 | 4,500.08 | 7,342.50 | 143# | |
| | 13.16 - 13.56 | SST - 13.56 | | | | | | | | |
| | 13.40 - 13.80 | SST - 13.80 | | | | | | | | |
| | 13.70 - 14.10 | SST - 14.10 | | | | | | | | |
| | 13.98 - 14.38 | SST - 14.38 | | | | | | | | |
| | 14.38 - 14.80 | SST - 14.80 | | | | | | | | |
| 14" | 14.80 - 15.20 | SST - 15.20 | x | 3" | NA | 3,685.79 | NA | 4,042.50 | 62# | |
| | 15.20 - 15.60 | SST - 15.60 | | | 2,975.44 | 3,685.79 | 3,110.24 | 4,053.81 | 64# | |
| | 15.60 - 16.00 | SST - 16.00 | | | 3,085.18 | 4,041.17 | 3,167.58 | 4,473.37 | 74# | |
| | 15.80 - 16.20 | SST - 16.20 | | | 4,026.10 | 5,311.30 | 4,141.47 | 5,793.60 | 81# | |
| | 16.00 - 16.40 | SST - 16.40 | | | 5,415.08 | 7,189.15 | 5,560.20 | 7,823.52 | 95# | |
| | 16.38 - 16.78 | SST - 16.78 | | | 5,953.56 | 8,515.26 | 6,165.59 | 9,216.52 | 154# | |
| 16" | 16.78 - 17.20 | SST - 17.20 | x | 3" | NA | 4,256.91 | NA | 4,551.51 | 78# | |
| | 17.15 - 17.55 | SST - 17.55 | | | 3,512.37 | 4,256.91 | 3,585.08 | 4,562.82 | 80# | |
| | 17.40 - 17.80 | SST - 17.80 | | | 3,622.22 | 4,612.17 | 3,704.64 | 5,044.40 | 85# | |
| | 17.55 - 17.95 | SST - 17.95 | | | 4,196.05 | 5,493.47 | 4,311.42 | 5,975.77 | 100# | |
| | 17.85 - 18.25 | SST - 18.25 | | | 5,829.12 | 7,628.16 | 5,974.24 | 8,262.53 | 115# | |
| | 18.20 - 18.60 | SST - 18.60 | | | 6,171.29 | 8,746.41 | 6,383.31 | 9,447.68 | 172# | |
| | 18.58 - 18.98 | SST - 18.98 | | | | | | | | |
| 18.90 - 19.30 | SST - 19.30 | | | | | | | | | |
| 18" | 19.30 - 19.70 | SST - 19.70 | x | 3" | NA | 4,345.42 | NA | 4,640.01 | 81# | |
| | 19.70 - 20.10 | SST - 20.10 | | | 3,596.50 | 4,345.42 | 3,669.19 | 4,651.31 | 85# | |
| | 19.80 - 20.20 | SST - 20.20 | | | 3,706.51 | 4,701.58 | 3,788.92 | 5,133.79 | 89# | |
| | 20.20 - 20.60 | SST - 20.60 | | | 4,347.05 | 5,653.09 | 4,462.43 | 6,135.41 | 115# | |
| | 20.60 - 21.00 | SST - 21.00 | | | 6,002.06 | 7,811.80 | 6,147.16 | 8,446.15 | 139# | |
| | 21.00 - 21.40 | SST - 21.40 | | | 6,343.65 | 8,930.09 | 6,555.65 | 9,631.34 | 191# | |
| 20" | 21.40 - 21.80 | SST - 21.80 | x | 3" | NA | 4,985.01 | NA | 5,279.60 | 81# | |
| | 21.70 - 22.10 | SST - 22.10 | | | 4,195.92 | 4,985.01 | 4,268.61 | 5,290.90 | 85# | |
| | 21.90 - 22.30 | SST - 22.30 | | | 4,307.14 | 5,340.50 | 4,389.54 | 5,772.70 | 89# | |
| | 22.30 - 22.70 | SST - 22.70 | | | 5,168.78 | 6,526.60 | 5,284.14 | 7,008.90 | 115# | |
| | 22.70 - 23.10 | SST - 23.10 | | | 6,964.45 | 8,835.37 | 7,109.57 | 9,469.74 | 140# | |
| | 23.00 - 23.40 | SST - 23.40 | | | 7,306.50 | 9,953.54 | 7,518.51 | 10,654.80 | 205# | |
| 24" | 23.30 - 23.70 | SST - 23.70 | x | 3" | NA | 5,224.62 | NA | 5,519.21 | 85# | |
| | 23.60 - 24.00 | SST - 24.00 | | | 4,422.64 | 5,224.62 | 4,495.33 | 5,530.51 | 87# | |
| | 23.80 - 24.20 | SST - 24.20 | | | 4,532.13 | 5,579.90 | 4,614.53 | 6,012.08 | 90# | |
| | 24.20 - 24.60 | SST - 24.60 | | | 5,418.41 | 6,791.95 | 5,533.79 | 7,274.27 | 120# | |
| | 24.60 - 25.00 | SST - 25.00 | | | 7,237.56 | 9,125.96 | 7,382.61 | 9,760.26 | 145# | |
| | 24.90 - 25.30 | SST - 25.30 | | | 7,579.36 | 10,252.30 | 7,791.35 | 10,953.54 | 230# | |
| | 25.30 - 25.70 | SST - 25.70 | | | | | | | | |
| | 25.60 - 26.00 | SST - 26.00 | | | | | | | | |
| | 25.90 - 26.30 | SST - 26.30 | | | | | | | | |
| 26.10 - 26.50 | SST - 26.50 | | | | | | | | | |

⁴ Not Available with 10" branch.

⁵ For 12" flanged outlets, the recommended cutter size is 11 1/2 ".

⁶ Not available with 12" MJ Outlet.

TO ORDER: Specify Sleeve Number x Branch Size x Outlet Type.

EXAMPLE: SST - 9.45 x 6" D.I. FLG Other sizes are available on request - P.O.A