



# Carbon Flange Tapping Sleeve

## Stainless Steel Body and Neck

# 662

### IMPORTANT LINKS

Click appropriate words to go to:

[Standard Limited Warranty](#)  
[Sales Terms & Conditions](#)  
[Freight Policy](#)  
[Returns Policy](#)  
[Corrosion & Product Selection Notice](#)



**Description:** Stainless Steel tapping sleeve, with Carbon Steel flange.

**Application:** For tapping pipe with reducing and size-on-size flanged outlets.

#### Key Features:

- Easy to install
- Range helps reduce inventory
- Meets applicable AWWA C223 Standards
- Molded-in ring in the gasket to ensure effective sealing
- Nylon washers are provided to improve bolt torque capability
- Heavy gauge, all-Stainless Steel body for rugged performance
- Fully chemically passivated for maximum corrosion protection
- 3/4" test outlet to allow hydrostatic pressure test before tapping the pipe
- 360° seal provides maximum support and reinforcement around the pipe in case of pipe break
- Body drawn out to accept the outlet neck adding to the overall strength of the area under the most stress

#### Materials Specifications (subject to change):

**BODY:** Full circumference band. 18-8 type 304 Stainless Steel

**FLANGES:** AWWA C207 Class D, ANSI 150# drilling. Recessed for Tapping Valve per MSS-SP 60

Fusion-Bonded, Flexi-Coat® epoxy coated Carbon Steel. *Optional: Other types of Flanges, threaded outlets, MJ Outlets*

**GASKET:** Nitrile (Buna-N) NSF® 61 compounded to resist water, oil, acids, alkalies, most (aliphatic) hydrocarbon fluids and many chemicals

**Temperature Range:** up to +180°F

**BOLTS, NUTS & WASHERS:** 18-8 Type 304 Stainless Steel heavy hex nuts, stud bolts & washers. Nuts and studs are coated to prevent galling

**Working Pressure:** Up to 240 PSI

**Pipe Applications:** Steel, Cast Iron, Asbestos Cement, PVC and other. For other pipe materials, please contact Smith-Blair Engineering.

**Sizes (in inches):** Please contact Smith-Blair for styles, sizes and pricing.

662-663

# Tapping Sleeve

## Carbon Steel Flange and Stainless Steel

### Tapping Sleeve Specifications

OUTLET SIZE	NOMINAL BODY SIZE	A (IN.)	B (IN.)	C (IN.)	D (IN.)	E	F (IN.)
4	4	15	5	5 1/16	4 1/4	8	5/8
	6-18	15	5	5 1/16	4 1/4	8	5/8
	20-24	20	5	5 1/16	4 1/4	15	5/8
6	6	15	5	7 1/16	6 5/16	8	5/8
	8-18	15	5	7 1/16	6 5/16	8	5/8
	20-24	20	5	7 1/16	6 5/16	15	5/8
8	8	20	5	9 1/16	8 3/8	10	5/8
	10-18	20	5	9 1/16	8 3/4	10	5/8
	20-24	25	5	9 1/16	8 3/4	24	5/8
10	10	25	5	11 3/32	10 1/4	16	5/8
	12-18	25	5	11 3/32	10 3/4	16	5/8
	20-24	25	5	11 3/32	10 3/4	24	5/8
12	12	25	5	13 3/32	12 1/4	16	5/8
	14-18	25	5	13 3/32	12 3/4	16	5/8
	20-24	25	5	13 3/32	12 3/4	24	5/8

Optional 316 Stainless Steel. For MJ Outlets, replace the last two 00s in the middle eight digits with MJ. Example: 662-127504MJ-000

NOMINAL SIZE OF PIPE X FLANGED OUTLET	OD RANGE (INCHES)	662 FLEXI-COAT® EPOXY COATED CARBON STEEL FLANGE	663 STAINLESS STEEL FLANGE	APPROX WEIGHT EACH LBS.
		CATALOG NUMBER	CATALOG NUMBER	
4 X 4	4.46-4.86	662-04800400-200	663-04800400-200	32
4 X 4	4.80-5.10	662-05000400-200	663-05000400-200	34
4 X 4	4.95-5.35	662-05100400-200	663-05100400-200	40
6 X 4 6 X 6	6.59-6.99	662-06630400-000 662-06630600-200	663-06630400-000 663-06630600-200	38 42
6 X 4 6 X 6	6.84-7.30	662-06900400-000 662-06900600-200	663-06900400-000 663-06900600-200	38 42
6 X 4 6 X 6	7.10-7.50	662-07200400-000 662-07200600-200	663-07200400-000 663-07200600-200	38 42
6 X 4 6 X 6	7.40-7.80	662-07450400-000 662-07450600-200	663-07450400-000 663-07450600-200	38 42
8 X 4 8 X 6	7.90-8.30	662-08000400-000 662-08000600-000	663-08000400-000 663-08000600-000	43 63
8 X 4	8.62-9.06	662-08630400-000	663-08630400-000	43
8 X 6		662-08630600-000	663-08630600-000	47
8 X 8		662-08630800-200	663-08630800-200	63

For MJ Outlets, replace the last two 00s in the middle eight digits with MJ. Example: 662-127504MJ-000

NOMINAL SIZE OF PIPE X FLANGED OUTLET	OD RANGE (INCHES)	662 FLEXI-COAT® EPOXY COATED CARBON STEEL FLANGE	663 STAINLESS STEEL FLANGE	APPROX WEIGHT EACH LBS.
		CATALOG NUMBER	CATALOG NUMBER	
8 X 4	8.99-9.45	662-09050400-000	663-09050400-000	43
8 X 6		662-09050600-000	663-09050600-000	47
8 X 8		662-09050800-200	663-09050800-200	63
8 X 4	9.20-9.60	662-09450400-000	663-09450400-000	43
8 X 6		662-09450600-000	663-09450600-000	47
8 X 8		662-09450800-200	663-09450800-200	63
8 X 4	9.60-10.00	662-09650400-000	663-09650400-000	43
8 X 6		662-09650600-000	663-09650600-000	47
8 X 8		662-09650800-200	663-09650800-200	63
10 X 4	9.90-10.30	662-10000400-000	663-10000400-000	47
10 X 6		662-10000600-000	663-10000600-000	51
10 X 8		662-10000800-000	663-10000800-000	70
10 X 4	10.73-11.13	662-10750400-000	663-10750400-000	47
10 X 6		662-10750600-000	663-10750600-000	51
10 X 8		662-10750800-000	663-10750800-000	70
10 X 10		662-10751000-200	663-10751000-200	75
10 X 4	11.05-11.45	662-11100400-000	663-11100400-000	47
10 X 6		662-11100600-000	663-11100600-000	51
10 X 8		662-11100800-000	663-11100800-000	70
10 X 10		662-11101000-200	663-11101000-200	75
10 X 4	11.70-12.10	662-11750400-000	663-11750400-000	47
10 X 6		662-11750600-000	663-11750600-000	51
10 X 8		662-11750800-000	663-11750800-000	70
10 X 10		662-11751000-200	663-11751000-200	75
10 X 4	12.00-12.40	662-12000400-000	663-12000400-000	47
10 X 6		662-12000600-000	663-12000600-000	51
10 X 8		662-12000800-000	663-12000800-000	70
10 X 10		662-12001000-200	663-12001000-200	75
12 x 4	12.50-12.90	662-12750400-000	663-12750400-000	51
12 x 6		662-12750600-000	663-12750600-000	55
12 x 8		662-12750800-000	663-12750800-000	75
12 x 10		662-12751000-000	663-12751000-000	80
12 x 12		662-12751200-200	663-12751200-200	110
12 x 4	13.16-13.56	662-13200400-000	663-13200400-000	51
12 x 6		662-13200600-000	663-13200600-000	55
12 x 8		662-13200800-000	663-13200800-000	75
12 x 10		662-13201000-000	663-13201000-000	80
12 x 12		662-13201200-200	663-13201200-200	110
12 x 4	13.60-14.09	662-13820400-000	663-13820400-000	51
12 x 6		662-13820600-000	663-13820600-000	55
12 x 8		662-13820800-000	663-13820800-000	75
12 x 10		662-13821000-000	663-13821000-000	80
12 x 12		662-13821200-200	663-13821200-200	110

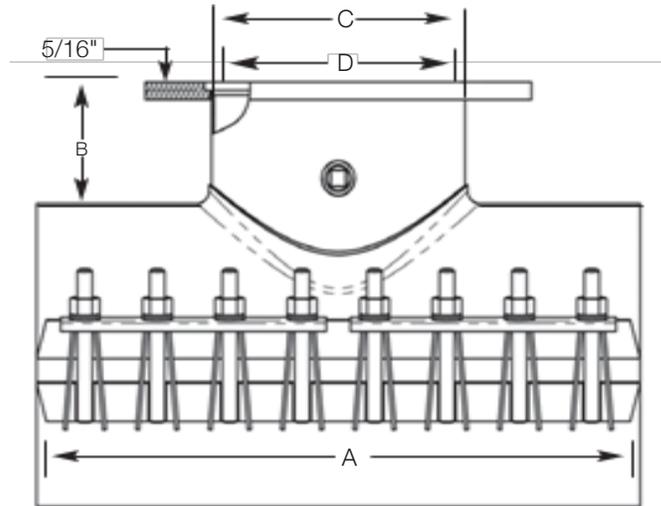
For MJ Outlets, replace the last two 00s in the middle eight digits with MJ. Example: 662-127504MJ-000

NOMINAL SIZE OF PIPE X FLANGED OUTLET	OD RANGE (INCHES)	662 FLEXI-COAT® EPOXY COATED CARBON STEEL FLANGE	663 STAINLESS STEEL FLANGE	APPROX WEIGHT EACH LBS.
		CATALOG NUMBER	CATALOG NUMBER	
12 x 4	14.10-14.58	662-14250400-000	663-14250400-000	51
12 x 6		662-14250600-000	663-14250600-000	55
12 x 8		662-14250800-000	663-14250800-000	75
12 x 10		662-14251000-000	663-14251000-000	80
12 x 12		662-14251200-200	663-14251200-200	110
14 x 4	15.30-15.80	662-15300400-000	663-15300400-000	72
14 x 6		662-15300600-000	663-15300600-000	76
14 x 8		662-15300800-000	663-15300800-000	95
14 x 10		662-15301000-000	663-15301000-000	102
14 x 12		662-15301200-000	663-15301200-000	135
14 x 4	15.80-16.30	662-16000400-000	663-16000400-000	72
14 x 6		662-16000600-000	663-16000600-000	76
14 x 8		662-16000800-000	663-16000800-000	95
14 x 10		662-16001000-000	663-16001000-000	102
14 x 12		662-16001200-000	663-16001200-000	135
14 x 4	16.40-16.80	662-16400400-000	663-16400400-000	72
14 x 6		662-16400600-000	663-16400600-000	76
14 x 8		662-16400800-000	663-16400800-000	95
14 x 10		662-16401000-000	663-16401000-000	102
14 x 12		662-16401200-000	663-16401200-000	135
16 x 4	17.40-17.80	662-17400400-000	663-17400400-000	77
16 x 6		662-17400600-000	663-17400600-000	82
16 x 8		662-17400800-000	663-17400800-000	103
16 x 10		662-17401000-000	663-17401000-000	108
16 x 12		662-17401200-000	663-17401200-000	145
16-18 x 4	18.60-19.20	662-18700400-000	663-18700400-000	77
16-18 x 6		662-18700600-000	663-18700600-000	82
16-18 x 8		662-18700800-000	663-18700800-000	103
16-18 x 10		662-18701000-000	663-18701000-000	108
16-18 x 12		662-18701200-000	663-18701200-000	145
18-20 x 4	19.50-20.10	662-19500400-000	663-19500400-000	78
18-20 x 6		662-19500600-000	663-19500600-000	82
18-20 x 8		662-19500800-000	663-19500800-000	105
18-20 x 10		662-19501000-000	663-19501000-000	111
18-20 x 12		662-19501200-000	663-19501200-000	147
18-20 x 4	20.90-21.59	662-20900400-000	663-20900400-000	78
18-20 x 6		662-20900600-000	663-20900600-000	82
18-20 x 8		662-20900800-000	663-20900800-000	105
18-20 x 10		662-20901000-000	663-20901000-000	111
18-20 x 12		662-20901200-000	663-20901200-000	147

For MJ Outlets, replace the last two 00s in the middle eight digits with MJ. Example: 662-127504MJ-000

NOMINAL SIZE OF PIPE X FLANGED OUTLET	OD RANGE (INCHES)	662 FLEXI-COAT® EPOXY COATED CARBON STEEL FLANGE	663 STAINLESS STEEL FLANGE	APPROX WEIGHT EACH LBS.
		CATALOG NUMBER	CATALOG NUMBER	
20 x 4	21.60-22.40	662-21600400-000	663-21600400-000	88
20 x 6		662-21600600-000	663-21600600-000	94
20 x 8		662-21600800-000	663-21600800-000	118
20 x 10		662-21601000-000	663-21601000-000	124
20 x 12		662-21601200-000	663-21601200-000	160
20-24 x 4	23.50-24.20	662-23500400-000	663-23500400-000	95
20-24 x 6		662-23500600-000	663-23500600-000	100
20-24 x 8		662-23500800-000	663-23500800-000	122
20-24 x 10		662-23501000-000	663-23501000-000	130
20-24 x 12		662-23501200-000	663-23501200-000	169
24 x 4	25.80-26.60	662-25800400-000	663-25800400-000	95
24 x 6		662-25800600-000	663-25800600-000	100
24 x 8		662-25800800-000	663-25800800-000	122
24 x 10		662-25801000-000	663-25801000-000	130
24 x 12		662-25801200-000	663-25801200-000	170
24 x 4	28.30-29.00	662-28300400-000	663-28300400-000	103
24 x 6		662-28300600-000	663-28300600-000	109
24 x 8		662-28300800-000	663-28300800-000	133
24 x 10		662-28301000-000	663-28301000-000	141
24 x 12		662-28301200-000	663-28301200-000	185

For MJ Outlets, replace the last two 00s in the middle eight digits with MJ. Example: 662-127504MJ-000



(E) Qty. of Bolts

(F) Bolt Size