



6606 SERIES

STAINLESS STEEL TAPPING SLEEVE

APPLICATIONS

The ROBAR 6606 Series Tapping Sleeves are used for "WET" or "DRY" tapping. Available for pipe diameters from 4" to 24". Outlet options: 4" to 12". Larger nominal sizes and/or larger flange sizes available upon request. Not for use on Concrete Cylinder pipe.

6606 Lifter Bar



MATERIAL SPECIFICATIONS

Shell:	T-304 Stainless Steel, fully passivated*
Fasteners:	5/8" NC T304 Stainless Steel. Nuts coated with anti-galling compound Torque is 70-80 ft. lbs
Gaskets:	Ringseal: NBR (Buna N) Rubber. Liner: NBR (Nitrile) Rubber. Full wrap around
Test Plug:	3/4" NPT Stainless Steel
Flange:	T-304 Stainless Steel*, as per AWWA C-207 Class D (Carbon Steel, Epoxy coated Flange available)
Outlet Pipe:	T-304 Stainless Steel, fully passivated*
PSI Rating:	175 psi

TAPPING SLEEVE DATA

NOMINAL OUTLET SIZE	A	B	C (DIA.)	D (DIA.)	BOLT SIZE
3	12	4	4 1/32	3.26	5/8
4	12	4	5 1/32	4.26	5/8
6	16	4 1/2	7 1/32	6.36	5/8
8	20	5	9 1/32	8.34	5/8
10	20	5 1/2	11 1/32	10.42	5/8
12	24	5 3/4	13 1/32	12.39	5/8

All dimensions are in inches.

Note: - For sizes not listed above, call ROBAR for availability.
- The working range displayed is only a guideline, other ranges are available.

HOW TO ORDER

Determine the product number (**6606**), nominal main size, nominal outlet size, high limit number (see table above), and then order using the appropriate ordering code as shown in the following example. If a Stainless Steel Tapping Sleeve, with a 6" nominal outlet is required for a 12" nominal diameter Ductile Iron pipe (13.20" OD), the ordering code is:

Product Number	Nominal Main Size	Nominal Outlet Size	High End Range
6606	- 12"	x 6"	- 13.40
i.e. 6606 - 12 x 6 - 13.40			

6606 Tapping Sleeves come in 3 sections for nominal pipe sizes of 18—24"

6606: Stainless Steel fabrication with Lifter bar closure

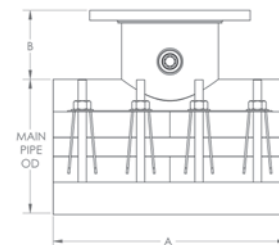
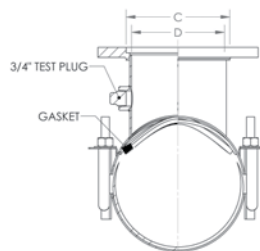
6606BB: Stainless steel fabrication with bolt bracket closures

6606MJ: Stainless Steel fabrication with Lifter bar closure and MJ flange

6606BBMJ: Stainless steel fabrication with bolt bracket closures and MJ flange

6606CSF: Stainless Steel fabrication with Lifter bar closure and epoxy coated carbon steel flange

6606BBCSF: Stainless Steel fabrication with bolt bracket closure and epoxy coated carbon steel flange



This product is tested and certified by WQA to NSF/ANSI standard 61

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STAINLESS STEEL TAPPING SLEEVE

Mechanical Joint Flange

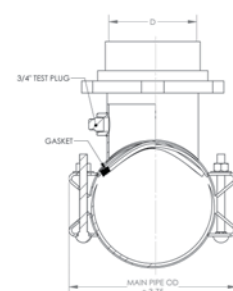
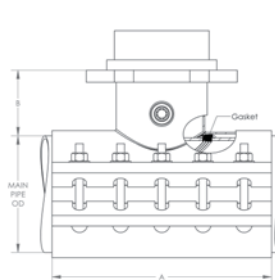
MATERIAL SPECIFICATIONS

Shell:	T-304 Stainless Steel, fully passivated*
Fasteners:	5/8" NC T304 Stainless Steel. Nuts coated with anti-galling compound. Torque is 70-80 ft. lbs
Gaskets:	Ringseal: NBR (Buna N) Rubber. Liner: NBR (Nitrile) Rubber. Full wrap around
Test Plug:	3/4" NPT Stainless Steel
Flange:	T-304 Stainless Steel*, as per AWWA C-111 (Carbon Steel, Epoxy coated Flange available)
Outlet Pipe:	T-304 Stainless Steel, fully passivated*
PSI Rating:	175 psi



TAPPING SLEEVE DATA				
NOMINAL OUTLET SIZE	A	B	C	BOLT SIZE
4	12	4	4 13/32	5/8
6	16	4 1/2	6 11/32	5/8
8	20	5	8 1/2	5/8
10	20	5 1/2	10 3/8	5/8
12	24	5 3/4	12 1/4	5/8

All dimensions are in inches.



6606 Bolt Bracket

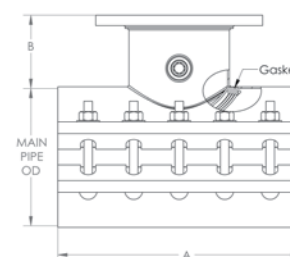
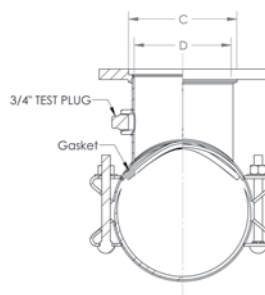
MATERIAL SPECIFICATIONS

Shell:	T-304 Stainless Steel, fully passivated*
Fasteners:	5/8" NC T304 Stainless Steel. Nuts coated with anti-galling compound. Torque is 70-80 ft. lbs
Gaskets:	Ringseal: NBR (Buna N) Rubber. Liner: NBR (Nitrile) Rubber. Full wrap around
Test Plug:	3/4" NPT Stainless Steel
Flange:	T-304 Stainless Steel*, as per AWWA C-207 Class D (Carbon Steel, Epoxy coated Flange and MJ available)
Outlet Pipe:	T-304 Stainless Steel, fully passivated*
PSI Rating:	175 psi



TAPPING SLEEVE DATA					
NOMINAL OUT-LET SIZE	A	B	C (DIA.)	D (DIA.)	BOLT SIZE
3	12	4	4 1/32	3 1/2	5/8
4	12	4	5 1/32	4 1/2	5/8
6	16	4 1/2	7 1/32	6 1/2	5/8
8	20	5	9 1/32	8 1/2	5/8
10	20	5 1/2	11 1/32	10 7/16	5/8
12	24	5 3/4	13 1/32	12 7/16	5/8

All dimensions are in inches.



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TAPPING SLEEVE

NOMINAL PIPE SIZE	BY	OUTLET SIZE	FITTING LENGTH	NUMBER OF BOLTS	APPROXIMATE SHIPPING WEIGHT		LOW	HIGH
					LBS.	KG.		
4	X	3	12	8	33	15.0	4.70	4.95
		4*			36	16.4	4.95	5.20
6	X	3	12	8	36	16.4	6.40	6.80
		4			39	17.7	6.80	7.20
		6*	16	10	43	19.6	7.20	7.60
							6.85	7.10
8	X	3	12	8	40	18.2	7.00	7.25
		4			43	19.6	8.40	8.80
		6	16	10	47	21.4	8.80	9.20
		8*	20	14	64	29.1	9.20	9.60
10	X	3	12	8	43	19.6	8.95	9.20
		4			46	20.9	9.25	9.50
		6	16	10	50	22.7	10.55	10.95
		8	20	14	68	30.9	10.90	11.30
		10			73	33.2	11.30	11.70
12	X	3	12	8	73	33.2	11.90	12.30
		4			46	20.9		
		6	16	10	49	22.3		
		8	20	14	53	24.1	12.15	12.55
		10			72	32.7	12.55	12.95
		12	24	16	77	35.0	13.00	13.40
14	X	3	12	8	111	50.5	13.40	13.80
		4			132	60.0	13.80	14.20
		6	16	10	67	30.5		
		8	20	14	70	31.8	15.10	15.50
		10			74	33.6	15.50	15.90
		12	24	16	93	42.3	15.80	16.20
16	X	3	12	8	98	44.6	16.20	16.60
		4			132	60.0		
		6	16	10	71	32.3		
		8	20	14	75	34.1	17.20	17.60
		10			79	35.9	17.40	17.80
		12	24	16	100	45.5	17.80	18.20
18	X	3	12	12	105	47.7	18.40	18.80
		4			141	64.1	18.80	19.20
		6	16	15	74	33.6		
		8	20	21	77	35	19.30	19.70
		10			81	36.8	19.80	20.20
		12	24	24	103	46.8	20.20	20.60
20	X	3	12	12	108	49.1		
		4			144	65.5		
		6	16	15	84	38.2	19.30	19.70
		8	20	21	87	39.6	21.40	21.80
		10			91	41.4	22.00	22.40
		12	24	24	115	52.3	22.60	23.00
24	X	3	12	12	120	54.6		
		4			158	71.8		
		6	16	15	90	40.9	23.20	23.60
		8	20	21	93	42.3	23.80	24.20
		10			97	44.1	25.60	26.00
		12	24	24	121	55.0		

Note: Size on size for IPS is not available.

Note: *For size on size tapping an undersize cutter is used.

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