

Ford Stainless Steel Tapping Sleeve

Style FAST Tapping Sleeve, 360° Gasket, Stainless Steel, Carbon Steel Flange or Mechanical Joint Adapter Outlet

Ford FAST Tapping Sleeves take the guesswork out of large pipe taps. A gridded gasket surrounds the pipe and not only cushions the pipe during the tap, but also helps prevent pipe breaks. The flange outlet is welded inside and out.

The sleeve is constructed of Grade 18-8 type 304 stainless steel to provide corrosion protection. Sleeves are available in pipe sizes 3" through 24", with outlets from 3" through 12". Detailed specifications and critical dimensions are outlined below.

Specifications

Test Plug
Waterworks brass 3/4" with standard square head. Proper use of this feature ensures positive seal before tapping.

Outlet
18-8 type 304 stainless steel Schedule 10 for 3" and 4" outlets. Schedule 5 for all outlets larger than 4".

Flange
18-8 type 304 stainless steel flange with recess per MSS SP-60 to accept standard tapping valves. Optional ASTM A36 carbon steel flange may be ordered. Flange conforms to AWWA C207 Class D ANSI 150 lb. drilling. Class E or Class F flange available. Bolt holes straddle pipe center line.
Optional:
Mechanical Joint Adapter Outlet

Body
18-8 type 304 stainless steel for corrosion control. All welds are fully passivated to restore stainless characteristics.


Gasket
Gridded virgin SBR or Buna-N (NBR) compounded for water service per ASTM D2000. Full gasket gives 360° pipe coverage. The outlet gasket is Buna-N (NBR).

Bolts and Nuts
18-8 stainless steel UNC threads. Heavy hex nuts and washers are coated to prevent galling.

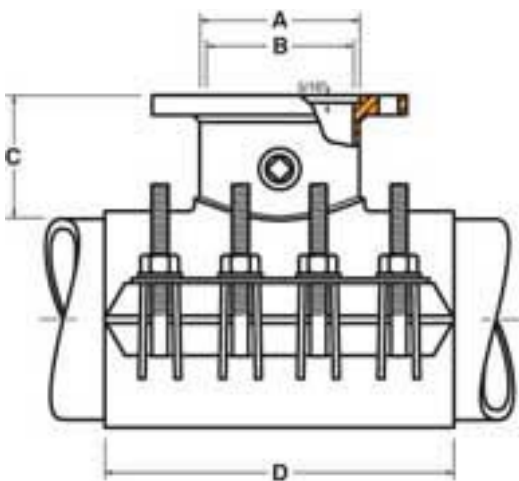
Lifter Bar
18-8 type 304 stainless steel provides a heavy bearing surface for nuts.

Armors
Heavy gauge Type 18-8 stainless steel armors are molded flush into the gasket to bridge the gap between lugs.

Rating
FAST sleeve is rated for 150 psi working water pressure.


LXI Products meet ANSI/NSF Standard 61
see page 2

FAST Dimensions



NOM. PIPE SIZE	C207 * CLASS D FLANGE SIZE	A	B	C	D	STUD SIZE	No. OF STUDS	DESIGN STYLE
3"	3"	4-1/32"	3-1/4"	4-15/16"	15"	5/8"	8	2 pc.
	3"	4-1/32"	3-1/4"	4-15/16"	15"	5/8"	8	2 pc.
4" through 12"	4"	5-1/32"	4-1/4"	4-15/16"	15"	5/8"	8	2 pc.
	6"	7-1/32"	6-3/8"	5-1/4"	15"	5/8"	8	2 pc.
	8"	9-1/32"	8-3/8"	5-3/8"	20"	5/8"	12	2 pc.
	10"	11-1/32"	10-3/16"	5-7/8"	20"	3/4"	12	2 pc.
14"	12"	13-1/32"	12-7/16"	6"	24"	3/4"	14	2 pc.
	3"	4-1/32"	3-1/4"	4-15/16"	16"	3/4"	10	2 pc.
	4"	5-1/32"	4-1/4"	4-15/16"	16"	3/4"	10	2 pc.
	6"	7-1/32"	6-3/8"	5-1/4"	16"	3/4"	10	2 pc.
16" - 18"	8"	9-1/32"	8-3/8"	5-3/8"	20"	3/4"	12	2 pc.
	10"	11-1/32"	10-3/16"	5-7/8"	20"	3/4"	12	2 pc.
	12"	13-1/32"	12-7/16"	6"	24"	3/4"	14	2 pc.
	3"	4-1/32"	3-1/4"	4-15/16"	16"	5/8"	15	3 pc.
20" - 24"	4"	5-1/32"	4-1/4"	4-15/16"	16"	5/8"	15	3 pc.
	6"	7-1/32"	6-3/8"	5-1/4"	16"	5/8"	15	3 pc.
	8"	9-1/32"	8-3/8"	5-3/8"	20"	5/8"	18	3 pc.
	10"	11-1/32"	10-3/16"	6-7/8"	20"	3/4"	18	3 pc.
20" - 24"	12"	13-1/32"	12-7/16"	6"	24"	3/4"	21	3 pc.
	3"	4-1/32"	3-1/4"	4-15/16"	16"	3/4"	15	3 pc.
	4"	5-1/32"	4-1/4"	4-15/16"	16"	3/4"	15	3 pc.
	6"	7-1/32"	6-3/8"	5-1/4"	16"	3/4"	15	3 pc.
20" - 24"	8"	9-1/32"	8-3/8"	5-3/8"	20"	3/4"	18	3 pc.
	10"	11-1/32"	10-3/16"	5-7/8"	20"	3/4"	18	3 pc.
	12"	13-1/32"	12-7/16"	6"	24"	3/4"	21	3 pc.

Outlet Options: *Class E or Class F flange available, contact factory.

4" - 12" MJ adapter outlets available, contact factory for dimensions.



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To Order: Select the catalog sleeve number for the desired range and complete the catalog number by adding the flange code. Example: The complete catalog number for a 6" ductile iron pipe (6.90 O.D.) with a 4" stainless steel flange is FAST-730-4. The FAST-700-4 with a range of 6.60 to 7.00 could also be used on 6.90 O.D. pipe. Please contact factory for prices and delivery on pipe O.D. sizes not covered by our standard range.

NOM. PIPE SIZE	SLEEVE O.D. RANGE	SLEEVE NUMBER	BY	STAINLESS STEEL SIZE FLANGE CODE	OPTIONAL CARBON STEEL FLANGE CODE	OPTIONAL MECHANICAL JOINT ADAPTER OUTLET	APPROX. WT. LBS.
3"	3.50-3.96	FAST-396	X	3	3A	-	26
4"	4.50-4.80 4.80-5.10 5.05-5.30	FAST-480 FAST-510 FAST-530		X	4	4A	-MJ
6"	6.60-7.00 6.90-7.30 7.10-7.50	FAST-700 FAST-730 FAST-750	X		4	4A	-MJ
				6	6A	38	
8"	8.63-9.05 9.05-9.45 9.30-9.70	FAST-905 FAST-945 FAST-970	X	4	4A	-MJ	39
				6	6A		42
				8	8A		58
10"	10.75-11.15 11.05-11.45 11.75-12.15	FAST-1115 FAST-1145 FAST-1215	X	4	4A	-MJ	41
				6	6A		45
				8	8A		65
				10	10A		85
12"	12.75-13.20 13.10-13.50 14.00-14.40	FAST-1320 FAST-1350 FAST-1440	X	4	4A	-MJ	44
				6	6A		48
				8	8A		68
				10	10A		88
14"	15.30-15.70 15.80-16.20 16.48-16.88	FAST-1570 FAST-1620 FAST-1688	X	12	12A	-MJ	116
				4	4A		66
				6	6A		71
				8	8A		88
				10	10A		96
16"	17.40-17.80 17.75-18.15 18.60-19.00	FAST-1780 FAST-1815 FAST-1900	X	12	12A	-MJ	125
				4	4A		75
				6	6A		78
				8	8A		100
				10	10A		114
				12	12A		146
18"	19.50-19.92 19.80-20.20	FAST-1992 FAST-2020	X	4	4A	-MJ	81
				6	6A		86
				8	8A		106
				10	10A		119
				12	12A		153
20"	20.20-20.60 21.20-21.60 21.86-22.26	FAST-2060 FAST-2160 FAST-2226	X	4	4A	-MJ	87
				6	6A		92
				8	8A		114
				10	10A		124
				12	12A		159
24"	23.80-24.20 25.60-26.00	FAST-2420 FAST-2600	X	4	4A	-MJ	99
				6	6A		103
				8	8A		127
				10	10A		135
				12	12A		171