



Pipe Fittings & Fabrications for Industrial Service

P.O. Box 1220, Nash, TX 75569-1220
Phone: 903-832-2581, Fax 903-838-6260
www.jcmindustrialfittings.com

Contact JCM: Call Toll Free 800-527-8482
Fax Toll Free 800-874-9524
sales@jcmindustrialfittings.com

JCM 472 Stainless Steel Fabricated Tapping Sleeves

Built-in benefits make these heavy fabricated steel sleeves increasingly popular for making larger taps on all types of pipe. By placing the design emphasis on eliminating problems inherent with older pipe and field installations, JCM Stainless Steel Tapping Sleeves have taken the complexity out of tapping or branching pipe and provides superior corrosion and environmental protection.

Heavy Duty Design - heavier construction and thicker metal provide extra reinforcement of the pipe and outlet. The extra bolting power and body thickness eliminate problems inherent with light weight sleeves. Reduced weight aids in installation and handling as well as reducing load on the pipe.



High Pressure Capability - High Safety Factor - the broad, heavy hydromechanical gasket provides for high working pressure applications. They are also ideal for critical problem prone taps such as pump and lift stations, large diameter mains and large outlets.

Large Sizes - High Pressure - the premier sleeve for larger sizes of ductile iron, PVC, PE and steel pipe, these sleeves are capable of working pressure of 1.5 times the valves commonly used with these types of pipe. Higher pressure sleeves are available on request.

Extra Wide for Support and Stability - extra width and heavier neck and body material provide extra reinforcement of the outlet and extra stability during the tapping process.

Affordable - these stainless sleeves are surprisingly affordable in all sizes. Larger sleeves are priced less than ductile iron mechanical joint sleeves which offer less corrosion resistance and pressure capability.

MATERIAL SPECIFICATIONS - JCM 472 ALL STAINLESS STEEL TAPPING SLEEVE

Body: ASTM A312 TP304, ASTM A240 304. Optional ASTM A312 TP316/TP304L/TP316L, ASTM A240 316/304L/316L

Bolts: ASTM A193 B8 304 Stainless Steel. Optional 316 Stainless Steel

Branch Outlet: ASTM A312 TP304, ASTM A240 304. Optional ASTM A312 TP316/TP304L/TP316L, ASTM A240 316/304L/316L

Gasket: Nitrile Butadiene Rubber (NBR, Buna-N) per ASTM D2000. Molded virgin rubber with a pressure activated hydromechanical design. Gasket is bonded into a cavity for internal and external retention. Gasket temperature range -40°F to 212°F (-40°C - 100°C). Gasket suitable for water, salt solutions, mild acids, bases, and sewage. Optional gasket materials available.

Standard Flange: ASME/ANSI B16.5 Class 150, ASTM A182 304 Stainless Steel. Optional 316 Stainless Steel

JCM 471 Stainless Steel Tapping Sleeve with Plain End Outlet

Built to the same exacting standards of the JCM 472 Stainless Steel sleeve furnished with a plain outlet with options including beveled for welding, square/butt cut and custom outlet/neck lengths.

Design code and NDE specifications upon request. JCM Fabricated Tapping Sleeves can be manufactured in a variety of styles and configurations including offset outlets, tapping crosses and other designs to best fit your needs. Submit application information to JCM Engineered and Technical Sales at 800-527-8482 or 903-832-2581.

JCM 472 All Stainless Steel Tapping Sleeves Flanged Outlet

NOMINAL PIPE SIZE		SLEEVE O.D. RANGE		SLEEVE NUMBER X ANY OUTLET	OUTLET SIZES AVAILABLE	APPR. WT. EACH (LBS.)
IN	MM	IN	MM			
3	80	3.50	88	472-0350	x3	15
		3.96	100	472-0396		
4	100	4.50	114	472-0450	x3	29
		4.80	121	472-0480	x4	31
6	150	6.63	168	472-0663	X 3	74
		6.83 - 7.16	173 - 181	472-0690	X 4	76
8	200	8.98 - 9.37	228 - 237	472-0905	X 6	88
		9.27 - 9.69	235 - 246	472-0940	X 8	118
10	250	9.83 - 10.25	249 - 260	*472-1000	X 3	90
		10.64 - 10.86	270 - 275	472-1075	X 4	92
12	300	11.03 - 11.47	280 - 291	472-1110	X 6	96
					X 8	125
14	350				X 10	168
					X 3	98
16	400	12.62 - 12.88	320 - 327	472-1275	X 4	100
		13.13 - 13.60	333 - 345	472-1320	X 6	104
18	450				X 8	140
					X 10	176
20	500				X 12	216
					X 3	113
24	600	15.23 - 15.80	386 - 401	472-1530	X 4	115
		15.73 - 16.22	399 - 411	472-1600	X 6	116
16	400				X 8	150
					X 10	190
18	450				X 12	220
					X 3	113
20	500	17.33 - 17.87	440 - 453	472-1740	X 4	115
		17.88 - 18.43	454 - 468	472-1800	X 6	120
24	600				X 8	162
					X 10	210
18	450				X 12	230
					X 3	120
20	500	19.41 - 20.01	493 - 508	472-1950	X 4	122
		20.00 - 20.60	508 - 523	472-2000	X 6	126
24	600	20.29 - 20.94	515 - 531	472-2050	X 8	180
					X 10	240
16	400				X 12	245
					X 3	131
20	500	21.51 - 22.15	546 - 562	472-2160	X 4	133
		23.46 - 24.16	595 - 613	472-2400	X 6	140
24	600				X 8	185
					X 10	245
18	450				X 12	255
					X 3	143
20	500	25.71 - 26.41	653 - 670	472-2580	X 4	143
		26.55 - 27.25	674 - 692	472-2715	X 6	160
24	600				X 8	215
					X 10	280
24	600				X 12	312

LARGER SIZES AND NON-STANDARD SIZES AVAILABLE UPON REQUEST

*These sizes not available with size on size outlets.

For size on size outlets a 1/2" undersized shell cutter is required.

Conversion of U.S./Metric dimensions are approximate; application pipe diameter and range to be verified by the end user.