

# 2019

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Skyland Metal & Alloys Inc

## Threaded Coupling Dimensions Chart



A Threaded Coupling Material is a threaded joint of a drill pipe that offers high strength to the threaded joint connections. It is placed on the drill pipe that is used to drill a wellbore. These couplings are also known as tool joints. They help to withstand multiple cycles of tightening that lead to loosening of the threads during the drilling the drilling process.

## Check Threaded Coupling Dimensions Chart.

Threaded Coupling Manufacturers In India, Threaded Coupling Material Suppliers in UAE, South Africa, Qatar, Oman, Malaysia.

We Provide A Large Selection Of Threaded Coupling Male, Get Instant Delivery Of Threaded Coupling Adapter, Buy Threaded Coupling With Low Price In India.

The Function of threaded coupling is as follows - Hoses are easily identifiable objects. These Hoses are connect using a threaded coupling male. The threaded end of the threaded coupling adapter is screwed onto a faucet. While the other end of the threaded coupling material - class 3000 is clamped onto the hose. With piping, one end of a ASME B16.11 coupling dimensions is screwed onto the pipe, while the other end of the threaded fittings dimensions could either be made to be tightly inserted, or welded, onto the other end of the 2 threaded coupling.

There are two types of ASME B16.11 Threaded Coupling. Threaded Half Coupling & Threaded Full Coupling are available in the market in both the male and female varieties. The male threaded half coupling 3000 will have external threads that the pipe fits over. On the other hand, a Female 1/2 threaded half coupling will have internal threads. The piping is inserted and twisted in the ASME B16.11 Threaded Half Coupling in order to secure the connection.

Ready Stock Of 1/2 Threaded Coupling, Available Stock Of Pvc Threaded Male Coupling, Supply High Quality 2 Threaded Coupling, Get Discount On Our Threaded Coupling Reducer.

Check Threaded Coupling Specification & Threaded Coupling Pressure Rating And Threaded Coupling Weight Chart.

A coupling or a coupler is a type of a very short length of pipe or tube, with a socket at one or both ends. This socket end in the full coupling ASME B16.11 is what allows two pipes or tubes to be joined, welded ( in case of steel), brazed or soldered ( in case of metals such as copper, brass etc.) together. Typical application of the Threaded Full Coupling Dimensions can be seen in piping or plumbing.

## Threaded Coupling Material

Stainless Steel Threaded Coupling:

Standard : ASTM / ASME A/SA 182

Grade: [F 304](#), 304L, 304H, 309S, 309H, [310S](#), 310H, [316](#), 316TI, 316H, 316L, 316LN, 317, [317L](#), [321](#), 321H, 347, 347H, 904L.

Carbon Steel Threaded Coupling:

Standard : [ASTMA 105](#)/ A694/ A350 LF3/ [A350 LF2](#).

Grade : [F42](#), F46, [F52](#), F56, [F60](#), [F65](#), [F70](#).

Alloy Steel Threaded Coupling :

Standard: ASTM A182

Grade : F1, [F5](#), [F9](#), [F11](#), [F22](#), [F91](#).

## Threaded Coupling Specification

Size: 1/4" to 4"

Dimensions: ASME 16.11, MSS SP-79, MSS SP-95, 83, 95, 97, BS 3799

Form: Threaded / Screwed Coupling, Threaded Forged Coupling.

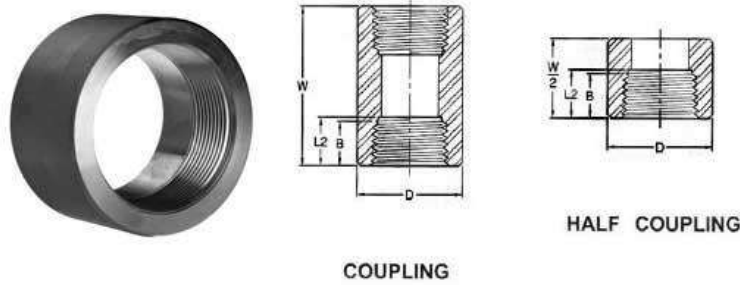
Type: Weld (S/W) & SCREWED (SCRD) – NPT, BSP, BSPT.

Production Grades: Stainless Steel, Alloy Steel, Duplex, Nickel Alloys, Low temperature Steel, Carbon Steel, Cupro Nickel.

Value Added Services: Hot Dipped Galvanizing, Epoxy & FBE Coating, Electro Polish, Sand Blasting, Threading, Soldering

Pressure Class: 3000 LBS, 6000 LBS, 9000 LBS

## Threaded Coupling Weight Chart



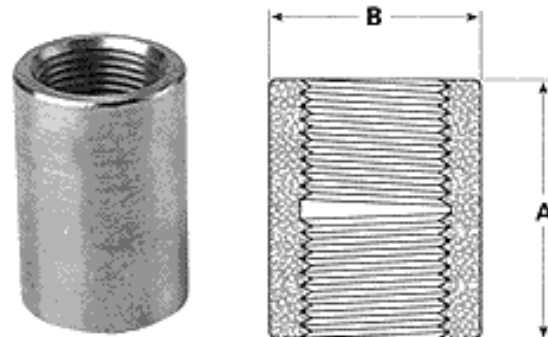
DN	Nom. Pipe Size	Center to End Coupling		Center to End Cap		Outside Diameter		End Wall Thickness		Length of Thread	
		W		P		D		G	Min.	B	L2
		3000 & 6000	3000	6000	3000	6000	3000	6000	3000	6000	Min. (1)
6	1/8"	32	19	27	16	16	16	4.8	6.4	6.4	6.7
8	1/4"	35	25	27	19	25	19	4.8	6.4	8.1	10.2
10	3/8"	38	25	27	22	32	22	4.8	6.4	9.1	10.4
15	1/2"	48	32	33	28	38	28	6.4	7.9	10.9	13.6
20	3/4"	51	37	38	35	44	35	6.4	7.9	12.7	13.9
25	1"	60	41	43	44	57	44	9.7	11.2	14.7	17.3
32	1-1/4"	67	44	46	57	64	57	9.7	11.2	17.0	18.0
40	1-1/2"	79	44	48	64	76	64	11.2	12.7	17.8	18.4
50	2"	86	48	51	76	92	76	12.7	15.7	19.0	19.2
65	2-1/2"	92	60	64	92	108	92	15.7	19.0	23.6	28.9
80	3"	108	65	68	108	127	108	19.0	22.4	25.9	30.5
100	4"	121	68	75	140	159	140	22.4	28.4	27.7	33.0

(1) Dimensions in Millimeters.

(2) Dimension B is minimum length of perfect thread. The length of useful thread (B plus threads with fully formed roots and flat crests) shall not be less than L2 (effective length of external thread) required by American National Standard for Pipe Threads (ANSI/ASME B1.20.1).

## Threaded Coupling Pressure Rating

### Full Coupling, Reducing Coupling



### Class 3000 • Weight # refers to Full Coupling Only

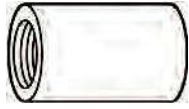
Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
Dimension A	1 1/4	1 3/8	1 1/2	1 7/8	2	2 3/8	2 5/8	3 1/8	3 3/8	3 5/8	4 1/4	4 3/4
Dimension B	3/4	3/4	7/8	1 1/8	1 3/8	1 3/4	2 1/4	2 1/2	3	3 5/8	4 1/4	5 1/2
Approx. Wt. #	.11	.10	.13	.28	.42	.85	1.50	2.19	3.02	5.04	8.49	12.88

### Class 6000 • Weight # refers to Full Coupling Only

Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
Dimension A	1 1/4	1 3/8	1 1/2	1 7/8	2	2 3/8	2 5/8	3 1/8	3 3/8	3 5/8	4 1/4	4 3/4
Dimension B	7/8	1	1 1/4	1 1/2	1 3/4	2 1/4	2 1/2	3	3 5/8	4 1/4	5	6 1/4
Approx. Wt. #	.18	.14	.40	.69	.90	1.88	2.31	4.00	7.50	9.25	13.44	19.00

## Check ASME B16.11 Full Coupling Dimension

### **Couplings, Threaded, Class 150**



Nominal Pipe Size	Length of Thread Min.	Width of Band Min.	Metal Thickness	Outside Diameter	Length Min.	304 Part Number	316 Part Number	*OD Bar Stock
1/8	.25	.20	.09	.75	1.00	287173*	287262*	0.55
1/4	.32	.20	.09	.84	1.00	287181*	287270*	0.74
3/8	.36	.21	.10	1.01	1.12	287199*	287288*	0.86
1/2	.43	.25	.10	1.20	1.38	287204*	287296*	1.05
3/4	.50	.27	.12	1.46	1.50	287212*	287301*	1.30
1	.58	.30	.13	1.77	1.62	287220*	287319*	1.61
1 1/4	.67	.34	.14	2.15	2.00	287238*	287327*	1.86
1 1/2	.70	.37	.15	2.43	2.12	405365*	287335*	2.17
2	.75	.42	.17	2.96	2.50	287254*	287343*	2.74
2 1/2	.92	.48	.21	3.37	2.87	166107	158497	
3	.98	.55	.23	4.12	3.18	166115	120583	
4	1.08	.66	.26	5.12	3.68	166131	158471	

### **Couplings, Threaded, Class 3000**

Nominal Pipe Size	Length of Thread Min.	Metal Thickness	Outside Diameter	Length Min.	304L 3000# Part Number	316L 3000# Part Number
1/8	.25	.19	.62	1.25	591213	180062
1/4	.32	.19	.75	1.38	410491	281046
3/8	.36	.19	.88	1.50	176380	260197
1/2	.43	.25	1.12	1.88	117629	121937
3/4	.50	.25	1.38	2.00	121979	410823
1	.58	.38	1.75	2.38	123159	123117
1 1/4	.67	.38	2.25	2.62	410831	239780
1 1/2	.70	.44	2.50	3.12	122894	239803
2	.75	.50	3.00	3.38	122852	122705
2 1/2	.93	.62	3.62	3.62		
3	1.02	.75	4.25	4.25		
4	1.09	.88	5.50	4.75		

Dimensions are in inches. All weights are approximate.  
 Sizes not shown may be available upon request.