
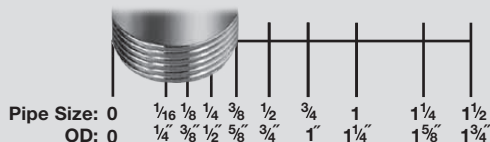



Stainless Steel Pipe Fittings

For technical drawings and 3-D models, go to mcmaster.com. 

How to Measure Pipe Size for BSP Threads—Example shows pipe size 3/8.

Pipe size is not an actual measured size, but rather an industry designation. Align your pipe or fitting with the "0" line as shown. The line on the opposite edge gives the pipe size. You can also measure the OD of male threads or the ID of female threads, then find the corresponding pipe size in the chart. If your measurement doesn't match an OD or ID listed, round to the nearest 1/8".



 To measure larger pipe sizes, go to mcmaster.com and search for **4464KAC**. For information about fittings and pipe, see pages 2-3.

Extreme-Pressure Stainless Steel Threaded Pipe Fittings (Continued)

With the strength to handle extreme pressures, these fittings can be used to connect equipment in hydraulic fluid lines. Fittings are 316 stainless steel and have excellent corrosion resistance.

BSPT (British Standard Pipe Taper) Connectors and Plugs

- Use with hydraulic fluid, oil, and water
- Maximum Pressure: See table

Straights meet DIN EN 10226 and ISO 7.1.

Plugs are solid and meet ISO 1179 and ISO 8434-6.



Pipe Size, BSPT	Straights		Plugs with External Hex Drive	
	Max. psi @ 72°F		Max. psi @ 72°F	
1/8	2,900	4822T239	\$19.62	5,800 4822T287
1/4	2,900	4822T241	22.02	5,800 4822T288
3/8	2,900	4822T242	24.10	5,800 4822T289
1/2	2,900	4822T243	25.00	5,800 4822T291
3/4	2,900	4822T244	35.98	5,800 4822T292
1	2,900	4822T245	58.33	5,800 4822T293
1 1/4	2,900	4822T246	94.04	5,800 4822T294
1 1/2	2,900	4822T247	121.06	5,800 4822T295
2	2,900	4822T248	184.28	5,800 4822T296

BSPT (British Standard Pipe Taper) Reducers



- Use with hydraulic fluid, oil, and water
 - Maximum Pressure: 2,900 psi @ 72°F
- Reducers meet DIN EN 10226 and ISO 7.1.

Pipe Size, BSPT

(A)	(B)		
1/4	1/8	4822T249	\$21.63
3/8	1/8	4822T251	23.56
3/8	1/4	4822T252	23.56
1/2	1/4	4822T253	27.56
1/2	3/8	4822T254	27.56
3/4	1/4	4822T255	37.37
3/4	3/8	4822T256	39.23
3/4	1/2	4822T257	41.10
1	3/8	4822T258	58.33
1	1/2	4822T259	58.33
1	3/4	4822T261	59.98
1 1/4	1	4822T262	100.17
1 1/2	3/4	4822T263	124.58
1 1/2	1	4822T264	124.58
1 1/2	1 1/4	4822T265	129.21
2	1 1/2	4822T266	193.16

BSPP (British Standard Pipe Parallel) Connectors, Adapters, Caps, and Plugs

- Use with hydraulic fluid, oil, and water
- Maximum Pressure: See table

Fittings meet ISO 1179 and ISO 8434-6, except female straights. To prevent leaks, male threads on *straights* and *plugs with external hex drive* have a Buna-N gasket and 316 stainless steel washer; *plugs with hex drive* have a fluoroelastomer gasket. For replacement washers, see page 31.

Plugs with external hex drive are hollow.

Plugs with hex drive are solid.



Pipe Size, BSPP	Straights, Female		Straights, Male		Straights, Female x Male	
	Max. psi @ 72°F		Max. psi @ 72°F		Max. psi @ 72°F	
1/8	6,000	51205K748	\$30.12	6,000 4822T11	\$34.52	2,900 4822T361
1/4	6,000	51205K749	29.25	6,000 4822T12	34.36	2,900 4822T365
3/8	6,000	51205K751	29.81	6,000 4822T13	35.92	2,900 4822T369
1/2	5,000	51205K752	53.17	5,000 4822T14	43.31	2,900 4822T373
3/4				4,500 4822T55	62.31	2,900 4822T376
1	3,000	51205K753	73.74	3,500 4822T16	85.27	2,900 4822T379
1 1/4				2,300 4822T101	122.98	2,300 4822T382
1 1/2				1,800 4822T102	150.81	1,800 4822T383
2				1,200 4822T103	259.75	1,200 4822T384



Pipe Size, BSPP	Caps		Plugs with External Hex Drive		Plugs with Hex Drive	
	Max. psi @ 72°F		Max. psi @ 72°F		Max. psi @ 72°F	Drive Size, mm
1/8	5,000	4822T328	\$19.29	5,000 4822T297	\$13.38	5,800 14
1/4	5,000	4822T329	21.37	5,000 4822T298	17.98	5,800 19
3/8	5,000	4822T331	29.85	5,000 4822T299	20.19	5,800 22
1/2	4,500	4822T332	32.50	5,000 4822T301	24.10	5,800 27
3/4	3,600	4822T334	45.96	3,600 4822T302	32.52	5,800 32
1	2,900	4822T335	80.85	2,900 4822T303	57.98	5,800 40
1 1/4				2,300 4822T304	120.92	4,500 50
1 1/2				1,800 4822T305	125.73	4,500 55
2				1,200 4822T306	188.57	

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