
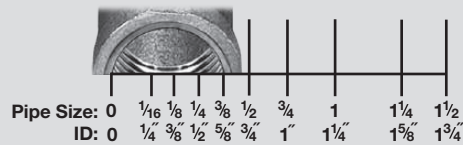
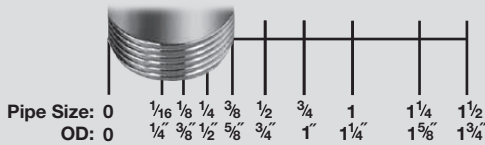



Stainless Steel Pipe Fittings

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

How to Measure Pipe Size for NPT 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.

Low-Pressure Stainless Steel Threaded Pipe Fittings

- Pipe Nipples and Pipe: Use threaded Schedule 40 standard-wall stainless steel (see pages 10-13)
- Flanges: Use threaded Class 150 low-pressure stainless steel (see page 9)

Use these Class 150 fittings in a low-pressure pipe line. They are heat treated, except NPTF plugs. Fittings that meet ANSI/MSS SP-114 adhere to high-quality standards for heat treating, material thickness, and marking.

304 stainless steel fittings have very good corrosion resistance. **316 stainless steel** fittings have excellent corrosion resistance.

NPT Connectors, Adapters, and Caps

- Use with air, natural gas, oil, steam, water
- Maximum Pressure: 150 psi @ 72° F;
150 psi @ 360° F for steam

Meet ANSI/MSS SP-114 and ASTM A351, except 90° elbow unions, wyes, and male straights only meet ASTM A351.

Female x male 90° elbows are also known as street elbows.

Female x butt weld straights are also known as half couplings.

Unions separate into three pieces so you can access your line without unthreading pipe connections.



Pipe Size	90° Elbows	90° Elbows, Female x Male	90° Elbow Unions, Female x Male	45° Elbows	Wyes	Tees
304 Stainless Steel						
1/8	4464K11 \$4.90	4464K35 \$6.94		4464K23 \$6.48	4464K716 \$4.62	4464K47 \$6.91
1/4	4464K12 4.90	4464K36 6.94	4464K714 \$17.78	4464K24 6.48	4464K726 5.56	4464K48 6.91
3/8	4464K13 6.00	4464K37 8.34	4464K724 21.18	4464K25 7.63	4464K736 6.80	4464K49 8.83
1/2	4464K14 6.45	4464K38 11.98	4464K734 30.79	4464K26 8.33	4464K746 9.70	4464K51 9.15
3/4	4464K15 9.21	4464K39 14.73	4464K744 33.12	4464K27 12.23	4464K756 13.01	4464K52 14.66
1	4464K16 13.07	4464K41 22.78	4464K754 52.07	4464K28 15.01	4464K766 20.90	4464K53 18.69
1 1/4	4464K17 24.32	4464K42 34.29	4464K764 86.95	4464K29 23.98	4464K776 26.59	4464K54 37.14
1 1/2	4464K18 30.58	4464K43 40.53	4464K774 98.11	4464K31 28.54	4464K786 29.75	4464K55 46.20
2	4464K19 38.70	4464K44 54.98	4464K784 149.84	4464K32 40.12	4464K796 43.77	4464K56 59.29
2 1/2	4464K121 79.93	4464K127 105.16		4464K124 94.51		4464K141 109.01
3	4464K122 101.83	4464K128 139.49		4464K125 130.25		4464K142 157.19
4	4464K123 170.32	4464K129 203.72		4464K126 173.86		4464K143 212.88
316 Stainless Steel						
1/8	4452K411 5.99	4452K471 7.23	4452K371 14.92	4452K421 7.70	4452K831 5.16	4452K431 7.98
1/4	4452K412 6.13	4452K472 8.14	4452K372 17.52	4452K422 7.70	4452K832 6.40	4452K432 9.00
3/8	4452K413 7.38	4452K473 10.18	4452K373 21.08	4452K423 9.34	4452K833 7.84	4452K433 10.56
1/2	4452K414 8.16	4452K474 12.03	4452K374 31.08	4452K424 10.21	4452K834 11.24	4452K434 12.56
3/4	4452K415 11.88	4452K475 15.79	4452K375 33.32	4452K425 13.43	4452K835 15.24	4452K435 18.53
1	4452K416 14.85	4452K476 25.23	4452K376 49.74	4452K426 16.85	4452K836 24.52	4452K436 23.28
1 1/4	4452K417 25.40	4452K477 37.68	4452K377 84.04	4452K427 26.54	4452K837 36.48	4452K437 41.12
1 1/2	4452K418 33.89	4452K478 42.00	4452K378 94.56	4452K428 31.56	4452K838 38.46	4452K438 56.26
2	4452K419 42.84	4452K479 59.89	4452K379 124.50	4452K429 44.10	4452K839 57.04	4452K439 72.49
2 1/2	4452K611 101.55	4452K617 123.55		4452K614 115.53		4452K621 125.51
3	4452K612 129.27	4452K618 160.16		4452K615 139.36		4452K622 188.59
4	4452K613 189.73	4452K619 227.01		4452K616 207.17		4452K623 230.46



Pipe Size	Crosses	Straights, Female	Straights, Male	Straights, Female x Butt Weld	Unions	Caps
304 Stainless Steel						
1/8	4464K311 \$11.98	4464K351 \$2.86	4464K711 \$2.48	4464K364 \$2.09	4464K483 \$13.57	4464K496 \$1.99
1/4	4464K312 11.98	4464K352 3.40	4464K721 4.60	4464K471 2.28	4464K484 15.92	4464K497 2.92
3/8	4464K313 14.26	4464K353 3.93	4464K731 6.00	4464K472 2.43	4464K485 14.87	4464K498 3.41
1/2	4464K314 17.68	4464K354 5.63	4464K741 8.44	4464K473 3.83	4464K486 14.93	4464K499 3.54
3/4	4464K315 30.22	4464K355 7.78	4464K751 12.72	4464K474 4.56	4464K487 18.98	4464K511 4.40
1	4464K316 40.67	4464K356 11.33	4464K761 15.72	4464K475 5.87	4464K488 28.58	4464K512 6.65
1 1/4	4464K317 52.95	4464K357 16.76	4464K771 23.24	4464K476 9.18	4464K489 49.59	4464K513 12.02
1 1/2	4464K318 65.57	4464K358 19.88	4464K781 26.47	4464K477 11.33	4464K491 56.08	4464K514 15.80
2	4464K319 80.50	4464K359 28.03	4464K791 31.17	4464K478 14.44	4464K492 70.69	4464K515 20.14
2 1/2	4464K144 173.47	4464K361 61.57	4464K712 43.86	4464K479 35.03	4464K493 164.63	4464K516 36.36
3	4464K145 187.39	4464K362 83.78	4464K722 56.11	4464K481 42.67	4464K494 206.69	4464K517 50.25
4	4464K146 270.60	4464K363 130.21		4464K482 82.86	4464K495 286.43	4464K518 89.52

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