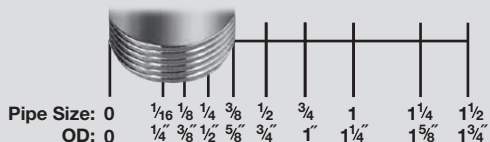


Stainless Steel Pipe Fittings

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

How to Measure Pipe Size for NPT or 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.

Low-Pressure Stainless Steel Threaded Pipe Fittings (Continued from previous page)

- 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 fittings in a low-pressure pipe line. They are also known as Class 150 fittings and are heat treated, except through-wall fittings and fittings for tanks. 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 Reducers (Cont.)

- 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.



Pipe Size		304 Stainless Steel		316 Stainless Steel		Pipe Size		304 Stainless Steel		316 Stainless Steel	
(A)	(B)					(A)	(B)				
1/4	1/8	4464K519	\$4.21	4452K248	\$4.78	1 1/2	3/4	4464K543	\$20.79	4452K272	\$22.65
3/8	1/8	4464K521	4.66	4452K249	5.28	1 1/2	1	4464K544	21.62	4452K273	23.05
3/8	1/4	4464K522	4.83	4452K251	5.38	1 1/2	1 1/4	4464K545	22.52	4452K274	23.46
1/2	1/8	4464K523	4.79	4452K252	6.39	2	1/2	4464K546	32.20	4452K275	41.69
1/2	1/4	4464K524	4.99	4452K253	6.48	2	3/4	4464K547	33.39	4452K276	37.59
1/2	3/8	4464K525	5.19	4452K254	6.60	2	1	4464K548	34.68	4452K277	38.24
3/4	1/8	4464K526	6.70	4452K255	8.15	2	1 1/4	4464K549	36.06	4452K278	38.91
3/4	1/4	4464K527	6.95	4452K256	8.30	2	1 1/2	4464K551	32.20	4452K279	39.60
3/4	3/8	4464K528	7.21	4452K257	8.46	2 1/2	1	4464K552	70.27	4452K281	84.87
3/4	1/2	4464K529	7.50	4452K258	8.62	2 1/2	1 1/4	4464K553	71.42	4452K282	86.22
1	1/8	4464K531	9.16	4452K259	14.19	2 1/2	1 1/2	4464K554	72.61	4452K283	87.61
1	1/4	4464K532	9.49	4452K261	12.79	2 1/2	2	4464K555	65.47	4452K284	89.04
1	3/8	4464K533	9.86	4452K262	13.01	3	1	4464K556	100.07	4452K285	115.46
1	1/2	4464K534	10.25	4452K263	13.24	3	1 1/4	4464K557	101.71	4452K286	117.29
1	3/4	4464K535	10.68	4452K264	13.48	3	1 1/2	4464K558	103.40	4452K287	119.18
1 1/4	3/8	4464K536	13.35	4452K265	18.52	3	2	4464K571	103.40	4452K288	121.14
1 1/4	1/2	4464K537	13.85	4452K266	16.70	3	2 1/2	4464K572	103.40	4452K289	123.16
1 1/4	3/4	4464K538	14.38	4452K267	16.99	4	2	4464K573	142.74	4452K291	175.01
1 1/4	1	4464K539	14.96	4452K268	17.29	4	2 1/2	4464K574	145.82	4452K292	177.55
1 1/2	3/8	4464K541	19.31	4452K269	24.70	4	3	4464K575	146.82	4452K296	204.18
1 1/2	1/2	4464K542	20.02	4452K271	22.27						



Pipe Size		304 Stainless Steel		316 Stainless Steel		Pipe Size		304 Stainless Steel		316 Stainless Steel	
(A)	(B)					(A)	(B)				
1/4	1/8	4464K261	\$2.75	4452K161	\$3.09	2	1/4	4464K191	\$25.13	4452K199	\$28.86
3/8	1/8	4464K262	3.00	4452K162	3.54	2	3/8	4464K159	25.13	4452K191	30.39
3/8	1/4	4464K263	3.00	4452K163	3.54	2	1/2	4464K171	25.13	4452K192	27.40
1/2	1/8	4464K264	3.79	4452K164	4.16	2	3/4	4464K172	25.13	4452K193	24.71
1/2	1/4	4464K265	3.79	4452K165	4.16	2	1	4464K173	25.13	4452K194	28.36
1/2	3/8	4464K266	3.79	4452K166	4.16	2	1 1/4	4464K174	25.13	4452K195	28.87
3/4	1/8	4464K267	5.53	4452K167	6.16	2	1 1/2	4464K175	25.13	4452K196	29.40
3/4	1/4	4464K268	5.53	4452K168	6.16	2 1/2	1/2	4464K814	38.90	4452K911	51.62
3/4	3/8	4464K269	5.53	4452K169	6.16	2 1/2	3/4	4464K824	38.90	4452K912	51.62
3/4	1/2	4464K271	5.53	4452K171	6.16	2 1/2	1	4464K834	38.90	4452K913	51.62
1	1/8	4464K272	7.70	4452K293	9.28	2 1/2	1 1/4	4464K844	38.90	4452K914	51.62
1	1/4	4464K273	7.70	4452K173	8.78	2 1/2	1 1/2	4464K192	43.10	4452K158	49.05
1	3/8	4464K274	7.70	4452K174	8.78	2 1/2	2	4464K176	43.10	4452K197	49.05
1	1/2	4464K275	7.70	4452K175	8.78	3	3/4	4464K854	59.62	4452K915	68.07
1	3/4	4464K276	7.70	4452K176	8.78	3	1	4464K177	66.06	4452K198	75.42
1 1/4	1/4	4464K278	13.76	4452K178	17.18	3	1 1/4	4464K864	59.62	4452K916	68.07
1 1/4	3/8	4464K279	13.76	4452K294	18.09	3	1 1/2	4464K193	66.06	4452K159	72.82
1 1/4	1/2	4464K281	13.76	4452K134	17.18	3	2	4464K178	66.06	4452K154	79.40
1 1/4	3/4	4464K282	13.76	4452K181	17.18	3	2 1/2	4464K179	66.06	4452K156	71.59
1 1/4	1	4464K151	15.53	4452K182	17.18	4	1	4464K874	135.56	4452K917	128.75
1 1/2	1/4	4464K153	16.47	4452K184	20.34	4	1 1/4	4464K884	120.18	4452K918	128.75
1 1/2	3/8	4464K154	16.47	4452K295	21.42	4	1 1/2	4464K894	120.18	4452K919	128.75
1 1/2	1/2	4464K155	16.47	4452K186	20.34	4	2	4464K187	120.18	4452K157	128.76
1 1/2	3/4	4464K156	16.47	4452K187	20.34	4	2 1/2	4464K815	120.18	4452K921	128.75
1 1/2	1	4464K157	16.47	4452K188	20.34	4	3	4464K188	120.18	4452K155	142.82
1 1/2	1 1/4	4464K158	16.47	4452K189	20.34						

(Continued on following page)