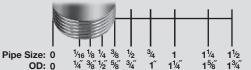
# Brass Pipe Fittings, Nipples & Pipe



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".





( $\dot{i}$ ) 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 Brass Threaded Pipe Fittings with Sealant

- Use with air, natural gas, oil, water
  Maximum Pressure: 200 psi @ 72°F
- Pipe Nipples and Pipe: Use threaded Schedule 40 standard-wall brass (see page 47 and below)
- Flanges: Use threaded Class 150 low-pressure brass (see page 46)

The male threads on these fittings have an acrylic sealant applied for extra protection against leaks. Also known as Class 125 fittings, they are built for use in low-pressure applications. They are brass for good corrosion resistance. All meet ANSI/ASME B1.20.1 and B16.15.

#### NPT Adapters and Plugs

Female x male 90° elbows are also known as street elbows. Right-angle tees are also known as run tees. Plugs are solid.













90° Elbows,	Right-Angle Tees,	Straights,	Plugs with External	Plugs with Square
Pipe Size Female×Mal	Female×Female×Male	Female×Male	Square Drive	Drive
1/4 2725K12 1 3/8 2725K13 1 1/2 2725K14 1 3/4 2725K15 1 1 2725K16 3 11/2 2725K17 6	<b>2725K28</b> 34.35 <b>2725K29</b> 44.88 <b>2725K31</b> 67.25		<b>2725K86</b> 4.15	2725K44 \$9.28 2725K45 10.20 2725K46 14.65 2725K47 33.78 2725K48 52.02

#### NPT Reducers



Busnings, Malex Female									
Pipe Size	Pipe Size	Pipe Size	Pipe Size						
(A) (B)	(A) (B)	(A) (B)	(A) (B)						
1/4 1/8 <b>2725K49</b> \$1.89	3/43/8 <b>2725K5</b>	8\$4.85 1 <sup>1</sup> / <sub>4</sub> <sup>1</sup> / <sub>2</sub> <b>2725K7</b> 8	3\$22.35 2						
3/8 1/8 <b>2725K51</b> 2.32	3/4 1/2 <b>2725K5</b> 9	9 5.08 1 <sup>1</sup> / <sub>4</sub> <sup>3</sup> / <sub>4</sub> <mark>2725K7</mark> 9	9 19.47 2 1/2 <b>2725K72</b> 34.13						
<sup>3</sup> / <sub>8</sub>	1	<b>1</b> 13.05 1 <sup>1</sup> / <sub>4</sub> 1 <b>2725K8</b>	1 20.45 2 3/4 <b>2725K73</b> 34.13						
1/2 1/8 <b>2725K53</b> 3.34	1 1/4 2725K6								
1/21/4		3 13.05 1½ ½ <b>2725K6</b>							
<sup>1</sup> / <sub>2</sub> <sup>3</sup> / <sub>8</sub>									
<sup>3</sup> / <sub>4</sub>									
3/41/4 <b>2725K57</b> 5.32	1 <sup>1</sup> / <sub>4</sub> <sup>3</sup> / <sub>8</sub>	7 24.33 1½ 1¼ <b>2725K8</b> 2	2 27.68 2½ 2 <b>2725K84</b> 86.13						

### Standard-Wall Brass Threaded Pipe Nipples and Pipe with Sealant



- Use with air, natural gas, oil, water Fittings: Use threaded Class 125
- low-pressure brass (see pages 44-45 and above)

2729K64 2729K65

2729K66

2729K67

2729K74

2729K75

2729K76

14.26

25.25

32.29

11.58

20.30

26.09

2729K56

2729K57 2729K58

 Flanges: Use threaded Class 150 low-pressure brass (see page 46)

The threads on this Schedule 40 pipe have an acrylic sealant applied for extra leak protection in low-pressure applications. Pipe is brass, which offers good corrosion resistance. It is seamless and has a smooth interior for unrestricted flow. All meet ASTM B687

Fully threaded pipe is also known as a close nipple; it is threaded on each end to the center.

2729K124 2729K125

2729K126

2729K127

#### Threaded on Both Ends

Pipe NPT Fully Threaded	NPT Threaded on Both Ends Pipe							
Size Lg.	Size	11/2" Lengths	2" Lengths	21/2" Lengths	3" Lengths	31/2" Lengths		
<sup>1</sup> / <sub>8</sub> <sup>3</sup> / <sub>4</sub> " <b>2729K11</b> \$2.18	1/8	<b>2729K19</b> \$2.30	<b>2729K25</b> \$2.38	<b>2729K33</b> \$2.36	<b>2729K42</b> \$2.66	<b>2729K111</b> \$2.78		
<sup>1</sup> / <sub>4</sub> <sup>7</sup> / <sub>8</sub> " <b>2729K12</b> 2.34	1/4	<b>2729K21</b> 2.52	<b>2729K26</b> 2.70	<b>2729K34</b> 2.82	<b>2729K43</b> 3.12	<b>2729K112</b> 3.32		
<sup>3</sup> / <sub>8</sub> 1" <b>2729K13</b> 2.38	3/8	<b>2729K22</b> 2.60	<b>2729K27</b> 2.73	<b>2729K35</b> 2.96	<b>2729K44</b> 3.62	<b>2729K113</b> 3.88		
<sup>1</sup> / <sub>2</sub> 1 <sup>1</sup> / <sub>8</sub> " <b>2729K14</b> 2.78	1/2	<b>2729K23</b> 3.04	<b>2729K28</b> 3.44	<b>2729K36</b> 4.08	<b>2729K45</b> 4.77	<b>2729K114</b> 5.47		
<sup>3</sup> / <sub>4</sub> 1 <sup>3</sup> / <sub>8</sub> " <b>2729K15</b> 3.65	3/4	<b>2729K24</b> 3.87	<b>2729K29</b> 4.58	<b>2729K37</b> 5.30	<b>2729K46</b> 6.13	<b>2729K115</b> 6.86		
1 1½" <b>2729K16</b> 5.38	1		<b>2729K31</b> 6.61	<b>2729K38</b> 7.73	<b>2729K47</b> 8.89	<b>2729K116</b> 10.29		
1½ 1¾" <b>2729K17</b> 10.52	11/2		2729K32 11.31	<b>2729K39</b> 13.55	2729K48 15.59	<b>2729K117</b> 17.91		
22"	2			2729K41 17.28	2729K49 19.97	2729K118 22.99		
NPT Threaded on Both Ends								
Pipe Pipe								
Size 4" Lengtl	hs	5" Lengths	6" Lengths	8" Lengths	10" Lengths	12" Lengths		
<sup>1</sup> /8 <b>2729K51</b>	\$2.98	<b>2729K59</b> \$3.45	2729K68 \$4.04	2729K77 \$5.20	2729K119 \$7.04	2729K86 \$8.09		
1/4 <b>2729K52</b>	3.88	<b>2729K61</b> 4.62	<b>2729K69</b> 5.60	<b>2729K78</b> 7.00	<b>2729K121</b> 8.56	<b>2729K87</b> 10.12		
3/8	4.64	<b>2729K62</b> 5.41	<b>2729K71</b> 6.38	2729K79 8.66	2729K122 10.31	<b>2729K88</b> 12.21		
1/2 <b>2729K54</b>	6.27	<b>2729K63</b> 7.50	<b>2729K72</b> 9.12	<b>2729K81</b> 11.84	2729K123 14.53	<b>2729K89</b> 17.27		
<sup>3</sup> / <sub>4</sub>	8.00	<b>2729K64</b> 9.59	2729K73 11.67	2729K82 16.02	2729K124 18.80	2729K91 22.35		

17.05

29.99

35.50

2729K82 2729K83

2729K84 2729K85

22.73

36.66

47.38

11/2

2729K91 2729K92

2729K93

33.53

54.20

69.98

28.13

45.43

58.65