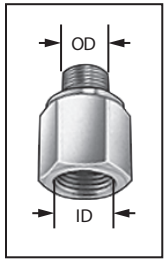
How to Measure Threaded Pipe and Pipe Fittings

Pipe size is an industry designation, not an actual size. Please use one of the options below to determine the pipe size you need
Note: When printing, set your printer option to “Actual Size.”

With a Ruler:

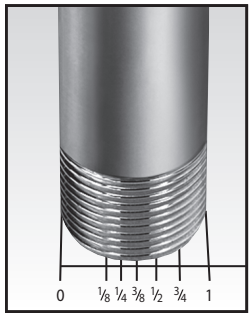


Use a ruler to measure the outside diameter (OD) or the inside diameter (ID), as shown at left. Then, round up the measurement to the closest OD or ID listed in the chart and select the corresponding pipe size. For example, if the OD or ID measures 1 3/16″, the next highest OD or ID in the chart is 1 3/8″, and the corresponding pipe size is 1.

Threaded OD or ID	5/16″	3/8″	1/2″	5/8″	3/4″	1″	1 3/8″	1 5/8″	1 7/8″	2 3/8″	2 7/8″	3 1/2″	4 1/2″	5 5/8″	6 5/8″	8 5/8″
Pipe Size	1/16	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8

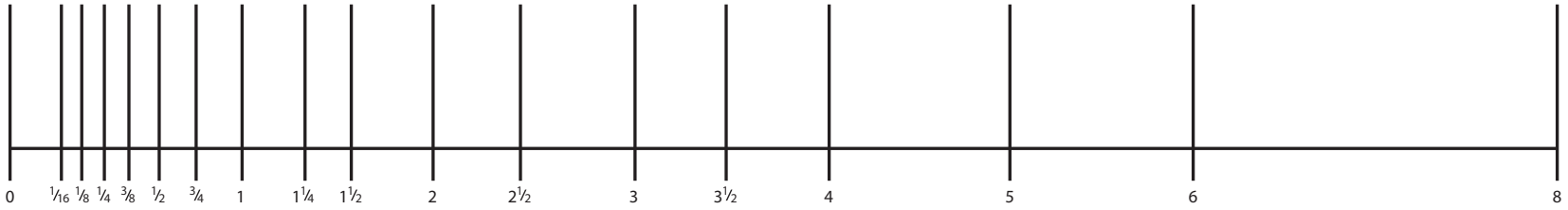
With a Sizing Chart:

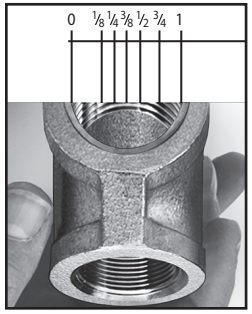
You can also determine pipe size by holding your pipe or fitting up to one of the sizing charts below.



To Measure Pipe and Fittings with Male (External) Threads:

Place the outside edge of the pipe or fitting on the “0” line. The line on the opposite edge gives the pipe size.





To Measure Fittings with Female (Internal) Threads:

Align the top of the threads on the “0” line. The line that aligns with the top of the threads on the opposite edge gives the pipe size.