

Pipe Check

PC-100

PC-100 simply determines the size of pipes from 1/16" to 1/2" NPT. Made entirely of heavy gauge aluminum, this model is perfect for the office, warehouse, or factory floor. Just turn the thread into the hole that fits to determine pipe size.

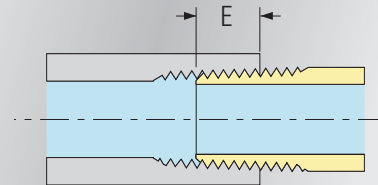


Pipe Thread Data

Most ordering mistakes are caused by measuring the pipe size of the fitting or component incorrectly. The nominal size of any pipe does not in fact refer to either the outside diameter (O.D.) or the inside diameter (I.D.) of the pipe. The table lists standard pipe sizes along with the actual O.D. and I.D. for each size. Keep in mind that manufacturers may slightly modify these dimensions to strengthen or enhance the performance of a product.

Pipe Size (NPT)	Threads Per Inch	Outside Dia. of Pipe	Inside Diameter of Pipe	Tap Drill Size		
				Without Ream	With Ream	E
1/16	27	.312	.209	1/4	15/64	.250
1/8	27	.405	.269	11/32	21/64	.250
1/4	18	.540	.364	7/16	27/64	.300
3/8	18	.675	.493	9/16	9/16	.300
1/2	14	.840	.622	45/64	11/16	.420
3/4	14	1.050	.824	29/32	57/64	.545
1	11 1/2	1.315	1.049	1 9/64	1 1/8	.661
1 1/4	11 1/2	1.660	1.380	1 31/64	1 15/32	.681
1 1/2	11 1/2	1.900	1.610	1 23/32	1 45/64	.681
2	11 1/2	2.375	2.067	2 3/16	2 11/64	.697

Once the correct pipe size has been determined, the "E", dimension may be used to determine the length of the component required to assemble properly when fully tightened.



Pipes shown actual size

