



Specials

- DMS can offer a wide range of heating and cooling products that may not be shown in this catalog.
- As a full service manufacturer and supplier, we can provide design assistance and prototype or production quantities of special heating and cooling products.
- The items on this page represent just a few of the many specials that have been manufactured for unique applications.



Special and Large Pipe Fittings



Special Baffles



Stainless Tube Assemblies

Metric and Special Adapters

Pipe Check

DMS Pipe Check is an easy way to check a pipe thread. This handy tool can check pipe sizes from 1/16" through 1/2" for a number of applications. Use the PC-100 to quickly find the size of a pipe.



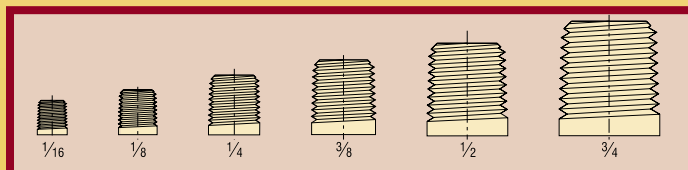
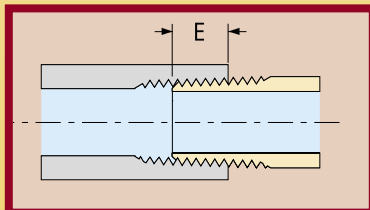
PC-100

PC-100 simply determines the size of pipes from 1/16" to 1/2" NPT. Made entirely of heavy gauge aluminum. Just turn the thread into the hole that fits to determine pipe sizes.

Pipe Thread Data

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.

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.



PIPE SIZE	THREADS PER INCH	OUTSIDE DIA. OF PIPE	INSIDE DIA. OF PIPE	TAP DRILL SIZE		E
				WITHOUT REAM	WITH REAM	
1/16	27	.312	.209	1/4	15/64	.261
1/8	27	.405	.269	11/32	21/64	.263
1/4	18	.540	.364	7/16	27/64	.395
3/8	18	.675	.493	9/16	9/16	.407
1/2	14	.840	.622	45/64	11/16	.534
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