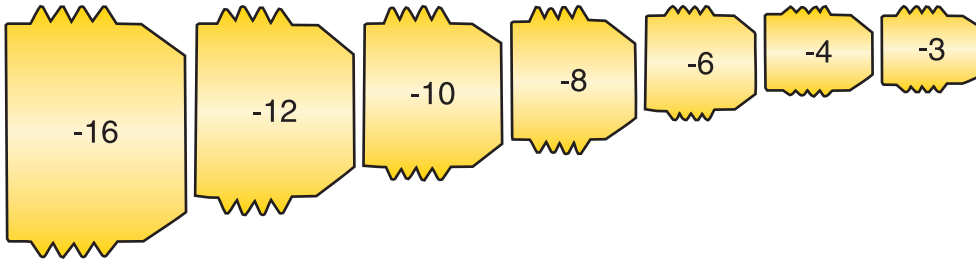


The 3 Basic Elements of Plumbing

In order to plumb your vehicle with a minimum amount of time, effort and money, you should know the basics about hose, hose ends and adapter fittings.

Male AN Adapter Identification Chart

The line drawings below depict actual sizes of the various common AN thread sizes by dash number. Lay your fitting over the appropriate drawing to determine what size fitting you have.



AN SIZE	OUTSIDE DIAMETER	THREAD SIZE
-3	3/16"	3/8" - 24
-4	1/4"	7/16" - 20
-5	5/16"	1/2" - 20
-6	3/8"	9/16" - 18
-8	1/2"	3/4" - 16
-10	5/8"	7/8" - 14
-12	3/4"	1-1/16" - 12
-16	1"	1-5/16" - 12
-20	1-1/4"	1-5/8" - 12

Tube Size Conversions

Tube diameters are assigned AN numbers. Using your automotive hose size, find the equivalent AN size from the chart on the right.

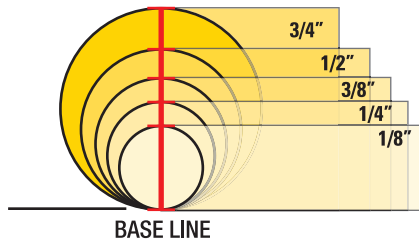
Another easy method to convert AN size to fractional is to remember that each AN number represents 1/16".

For example: -8 AN = 8/16" = 1/2".

STANDARD SIZE	AN EQUIVALENT
1/4"	-4
3/8"	-6
1/2"	-8
5/8"	-10
3/4"	-12
1"	-16
1-1/4"	-20
1-1/2"	-24

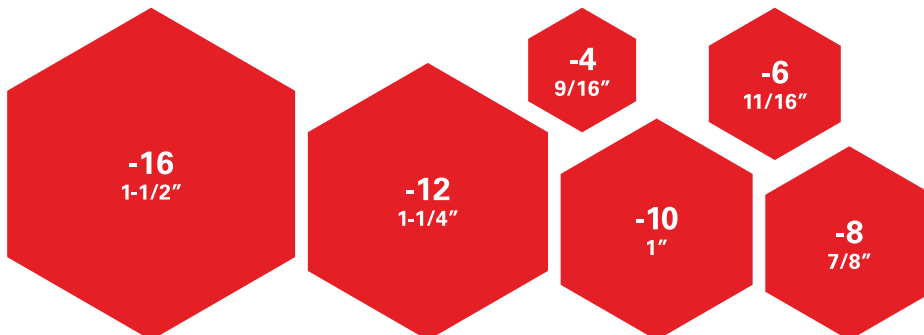
Pipe Thread Size Chart

Use the diagram to the right to find pipe thread size. Place fitting against base line; read fitting size where it intersects the vertical line.



B-Nut Size Chart

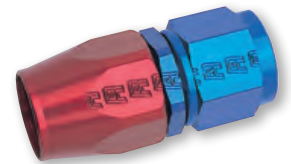
The line drawings to the right depict actual sizes of the various common types of fittings, hose ends and adapters. The number in parenthesis is SAE wrench size equivalent.



STEP 1 CHOOSE HOSE SIZE



**STEP 2
CHOOSE HOSE END STYLE**
Straight, 45°, 90°, 120°, 150°, 180°
in same AN size as hose



**STEP 3
CHOOSE ADAPTER**
Adapt AN to NPT
Example: -6 AN to 3/8" NPT



FINISHED PRODUCT

