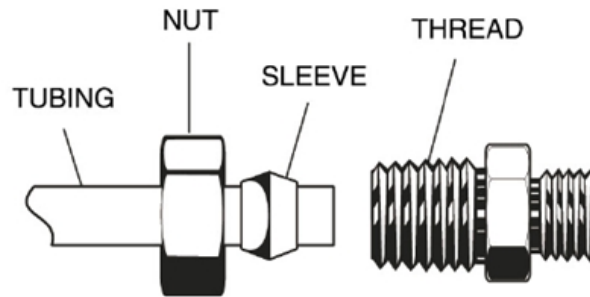


## HS280 Brass Compression Fittings with Brass Insert for USA

The brass compression fittings with brass insert are ideal for use with copper, brass, aluminum, or plastic tubing and are commonly used on gasoline, grease, oil, water, vacuum, and air lines. The fittings are not recommended for use with steel tube.



### Installation Instruction

Cut tube square on the end. Start tubing on the insert and slide into the fitting until it hits the stop. Wrench tighten approximately 1 1/2 to 2 turns beyond hand tight. Do not over tighten.

### Features

- Working Temperature: -65°F to 250°F
- Working Pressure: Temperature and type of tubing must be considered for proper fitting selection.
- The following is based on 70°F with copper tube.

Copper Tube OD	Tube Wall Inches	Psi(Ander-Lign)	Psi(Standard)
$\frac{1}{8}$ "	0.030	2800	400
$\frac{3}{16}$ "	0.030	1900	400
$\frac{1}{4}$ "	0.030	1400	300
$\frac{5}{16}$ "	0.032	1200	300
$\frac{3}{8}$ "	0.032	900	200
$\frac{1}{2}$ "	0.032	700	200
$\frac{5}{8}$ "	0.035	640	150
$\frac{3}{4}$ "	0.035	550	100
$\frac{7}{8}$ "	0.035	450	75

### Thread Sizes

Fitting	Thread Size
$\frac{1}{8}$ "	$\frac{5}{16}$ "x24
$\frac{3}{16}$ "	$\frac{3}{8}$ "x24
$\frac{1}{4}$ "	$\frac{7}{16}$ "x24
$\frac{5}{16}$ "	$\frac{1}{2}$ "x24
$\frac{3}{8}$ "	$\frac{9}{16}$ "x24
$\frac{7}{16}$ "	$\frac{5}{8}$ "x24
$\frac{1}{2}$ "	$\frac{11}{16}$ "x20
$\frac{5}{8}$ "	$1\frac{3}{16}$ "x18
$\frac{3}{4}$ "	1"x18
$\frac{7}{8}$ "	$1\frac{1}{8}$ "x18

## Thread Sizes

Fitting	45° and Inverted	POL	Gas	Fine Thread
1/8"	5/16"x24			
3/16"	3/8"x24			
1/4"	7/16"x24	.880-14LHTx1/4"F		9/16"x24
5/16"	1/2"x24			
3/8"	9/16"x24	.880-14LHTx3/8"F		9/16"x24
7/16"	5/8"x24			
1/2"	11/16"x20	.880-14LHTx1/2"F	5/16"x1/2"	
5/8"	1 3/16"x18		5/16"x5/8"	
3/4"	1"x18		5/16"x3/4"	
7/8"	1 1/8"x18			