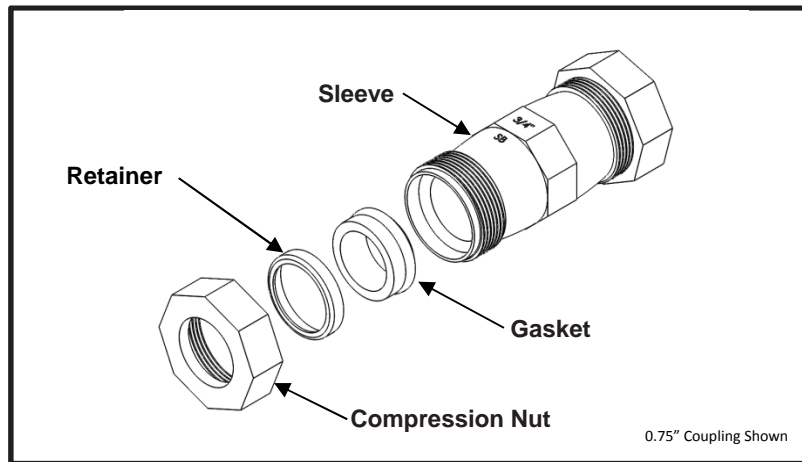


SPECIFICATION COMPRESSION COUPLING MODEL 525



APPLICATIONS

- **Typical Uses**
 - Joining plain-end pipe of same outside diameters
 - Replace split or excessively damaged pipe
- **Standard Pipe Sizes**
 - 0.5" to 2" nominal
- **Type of Pipe**
 - Carbon Steel, Stainless Steel, PVC, Copper (with use of adapter gasket)
- **Working Pressure**
 - 150 psi

MATERIALS

- **Compression Nut**
 - Cast using Ductile or Malleable Iron
 - Galvanized finish for improved corrosion resistance
 - Wrench flats shall be cast in for wrench engagement or holding during installation
 - Coupling to allow for installation of mating pipe ends without disassembly of fitting
- **Sleeve**
 - Cast using Ductile or Malleable Iron
 - Galvanized finish for improved corrosion resistance
 - Deflections up to 4° (2° per end) shall allow for pipe movement and installation on pipe that is not perfectly aligned
 - Wrench flats are cast in body for wrench engagement or holding during installation
 - Stab fit design for ease of installation
- **Gasket**
 - Nitrile (Buna-N) per ASTM D2000
 - Compounded to resist water, oil, acids, alkalis, most (aliphatic) hydrocarbon fluids, and many other chemicals
 - Temperature range: -20°F to +180°F
 - Brass helix spring molded into the leading edge enhancing corrosion protection and electrical conductivity
- **Retainer**
 - Formed using Carbon Steel
 - Designed to hold gasket in place and concentrate compression for maximum pipe support, reinforcement and sealing pressure



SPECIFICATION COMPRESSION COUPLING MODEL 525

OPTIONS

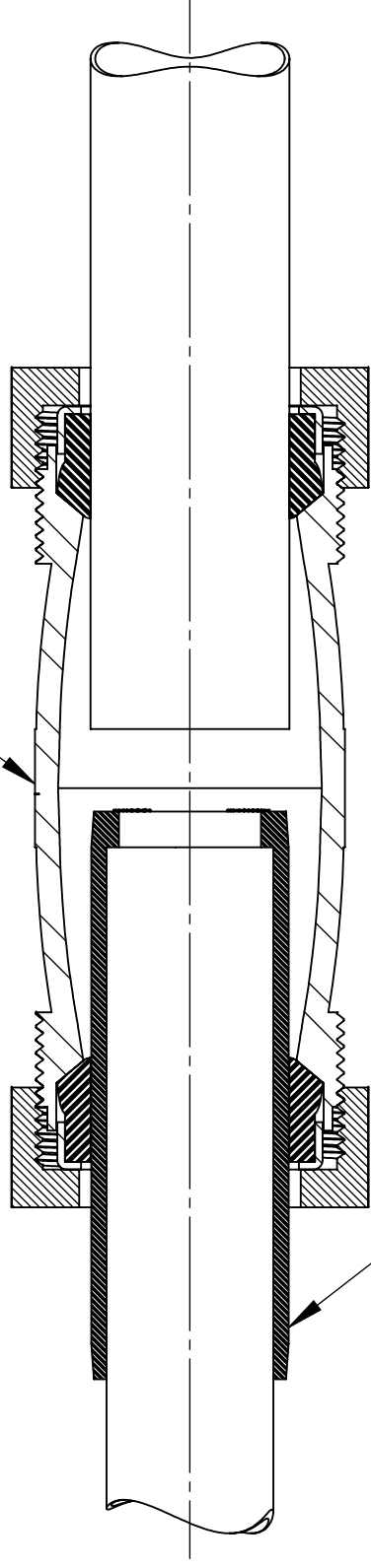
- Adapter Gasket (used in copper tube applications)

NOTES

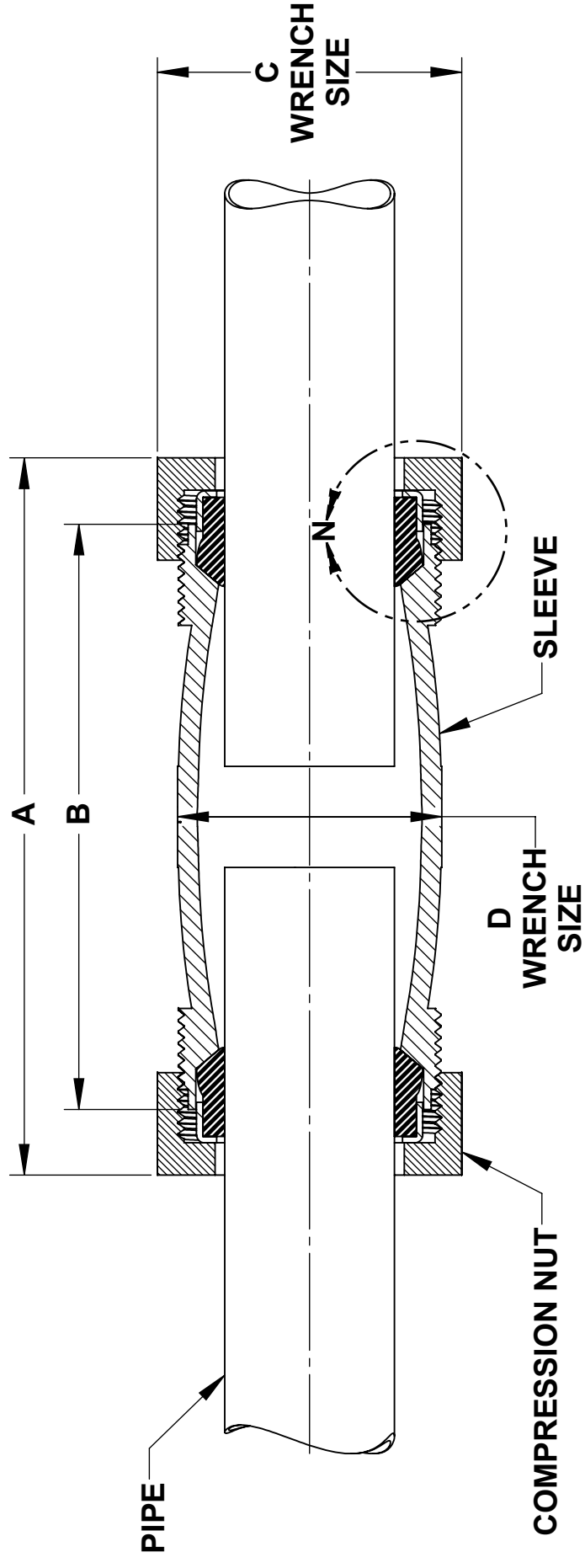
- This product **does not** restrain the pipe from pulling out of the fitting
- These product specifications were correct at the time of publication and are subject to change without notice
- See the Smith-Blair® web site for part numbers and ordering information
- See the Smith-Blair® web site for warranty information
- See the Smith-Blair® web site for corrosion warnings

30 Globe Ave, Texarkana, AR 71854
Ph: 870-773-5127 • Fax: 870-773-5212
Toll-Free Numbers: Ph: 800-643-9705 • Fax: 800-648-6792

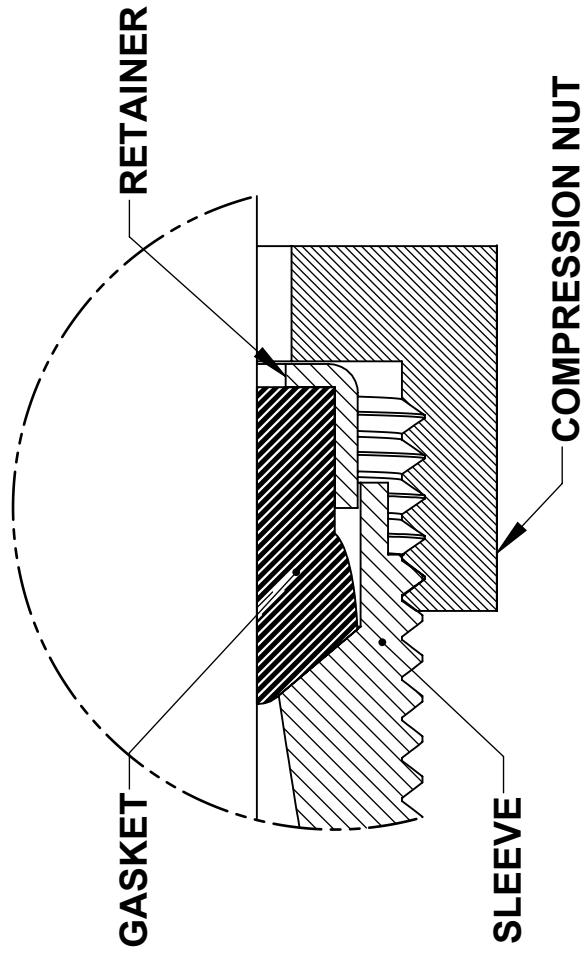
NOMINAL SIZE MARKING



ADAPTER GASKET
(COPPER TUBE TO IPS PIPE)
(COPPER TUBE TO COPPER TUBE)



DETAIL N



GASKET

RETAINER

SLEEVE

COMPRESSION NUT

NOMINAL PIPE SIZE	A	B	C	D	APPROX. WT. EA. (LB)
0.50	4.20	3.47	1.70	1.38	1.00
0.75	4.46	3.69	1.92	1.65	1.30
1	4.82	4.07	2.30	1.94	1.50
1.25	4.91	4.11	2.60	2.21	1.80
1.50	5.15	4.39	2.77	2.51	2.70
2	5.50	4.57	3.37	3.10	2.85

TOLERANCES U.N.O. XX= ±.03 XXX= ±.015 FRACTIONS= 1/16 ANGLES= ±1° MACH. FIN.	NOTES: REMOVE BURRS AND SHARP EDGES DO NOT SCALE DWG.	APP'D	DATE
ALL DIMENSIONS ARE IN INCHES.	SCALE: N/A	CK'D	DATE
		DRN	DATE
		CHD	DATE
			5/14/15

TITLE		SPECIFICATION	
COMPRESSION COUPLING		MODEL 525	
SMITH-BLAIR, Inc.		P/N N/A	
TEXARKANA, ARKANSAS		SPEC_525.DRW	
		1 OF 1 SHEET	
		47716 REV.	