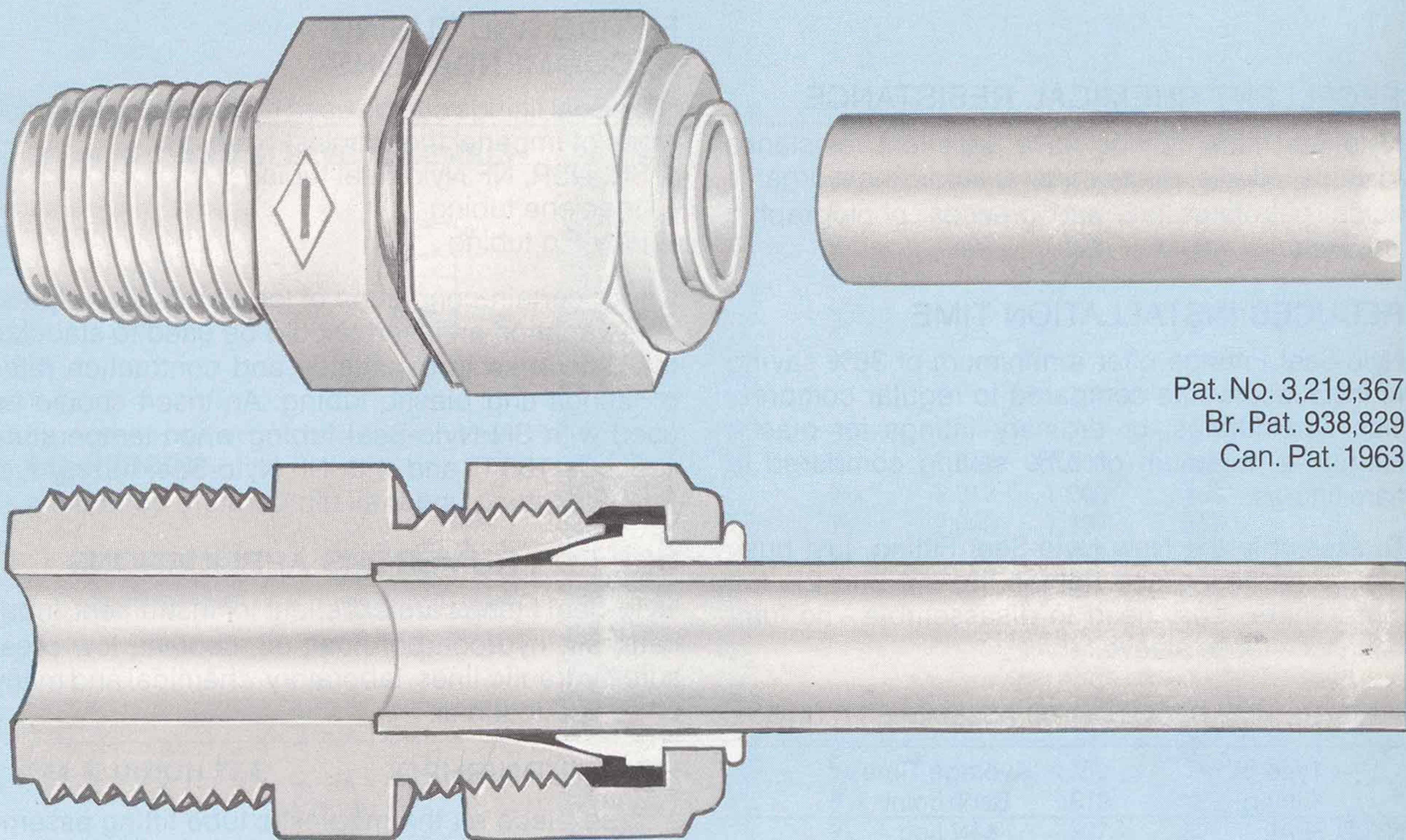


Nylo-Seal® Flareless Tube Fittings



Pat. No. 3,219,367
Br. Pat. 938,829
Can. Pat. 1963

All thermoplastic fittings provide maximum chemical resistance and reliability.

SIZE RANGE: Tube: 1/4" to 1/2" O.D.
Pipe Thread: 1/8" to 1/2" NPTF.

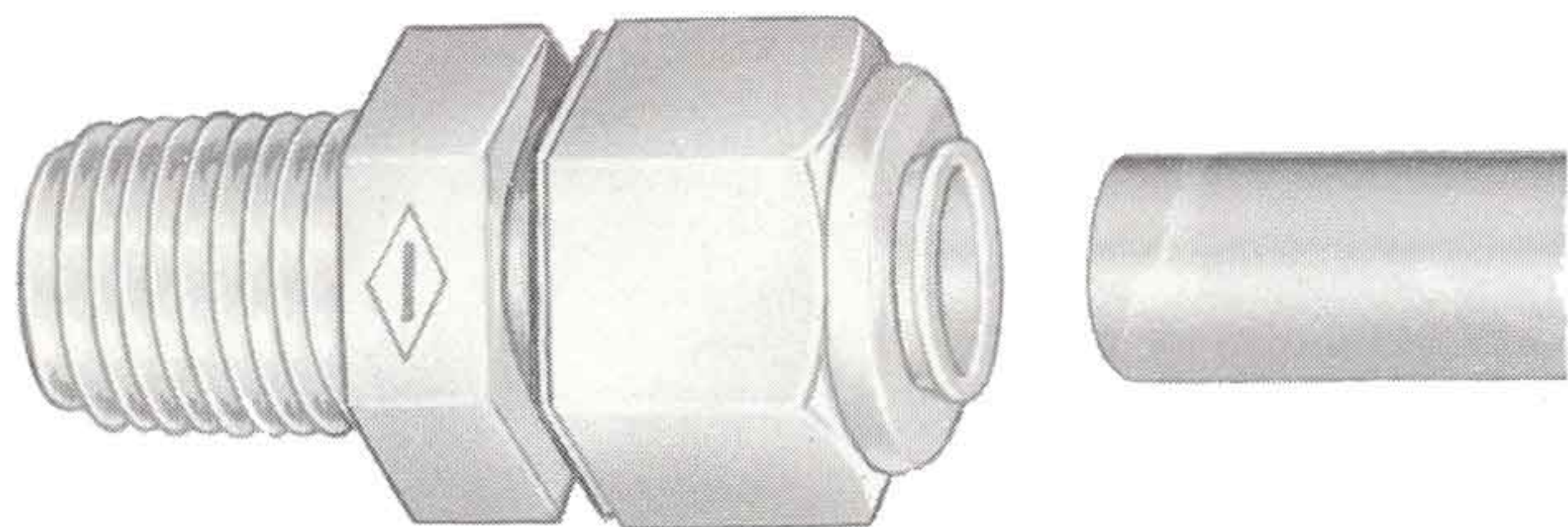
MAXIMUM WORKING PRESSURE: 250 psi.
See Plastic Tubing Pressure Rating Data for Further Limitations.

MATERIALS: Molded Nylon Bodies and Nuts. Acetal Copolymer Sleeves (Celcon®).

COMPATIBLE TUBING: Nylon—Nylo-Seal; Polyallomer—Impolene;
Polyethylene—Poly-Flo.

See following data for specific information.

Nylo-Seal Flareless Tube Fittings



EXCELLENT CHEMICAL RESISTANCE

Nylo-Seal tube fittings have excellent resistance to acids, alkalis, dilute mineral acids, most organic acids, petroleum oils and greases, photographic solutions.

REDUCES INSTALLATION TIME

Nylo-Seal Fittings offer a minimum of 36% saving in installation time compared to regular compression type fittings, or ordinary fittings for plastic tubing—a minimum of 77% saving compared to flare fittings.

To assemble the New Nylo-Seal Fitting, just push tubing into fitting and tighten the nut 2 to 2½ full turns. There is no need to disassemble—no fumbling for a loose sleeve.

AVERAGE TIME REQUIRED TO ASSEMBLE FITTINGS

Type of Fitting	Average Time Each Joint
NYLO-SEAL	11.7 sec.
Regular Compression	18.5 sec.
Flare	48.2 sec.

These studies made under shop conditions. While actual time might vary depending on field conditions, the relationship between time values should remain constant.

NO TUBING STRESS

The Nylo-Seal fitting eliminates the problem of plastic tube twist and stress during assembly. The nut revolves around the sleeve as it is tightened, preventing torque from being transmitted to the tubing. Design of the sleeve, nut and body assures excellent sealing and complete reliability.

MOLDED FOR STRENGTH

Nylo-Seal tube fittings are exceptionally strong and resistant to abuse. Made of molded Nylon, they are far stronger than machined fittings of similar composition. (Sleeves are made of acetal copolymer to provide maximum performance.)

TEMPERATURES

The maximum recommended operating temperature for Nylo-Seal fittings is 200°F. for continuous service, or 250°F. intermittent operation. Maximum service temperature is limited to the factor recommended for the tubing when this is less than the temperature specified for the fitting.

FITTING AND TUBING RECOMMENDATIONS

Nylo-Seal fittings can be used to couple the following types of Imperial thermoplastic tubing:

- SN, NSR, NF Nylo-Seal tubing
- Impolene tubing
- Poly-Flo tubing

Under certain conditions of temperature and pressure variation an insert should be used to stabilize the difference in expansion and contraction rates of fittings and plastic tubing. An insert should be used with SN Nylo-Seal tubing when temperature exceeds 180°F. and with NF Nylo-Seal tubing and Poly-Flo tubing under all temperature conditions.

USE FOR NUMEROUS APPLICATIONS

Nylo-Seal fittings are excellent for instrument, lubricant, air, hydrocarbon fuel, oil, coolant, low pressure hydraulic lines, laboratory, chemical and many other applications.

HOW FURNISHED

A three piece all thermoplastic tube fitting assembled with nuts and sleeves.

MATERIALS

- Bodies and Nuts: Molded Nylon
- Sleeves: Acetal Copolymer

PIPE THREAD

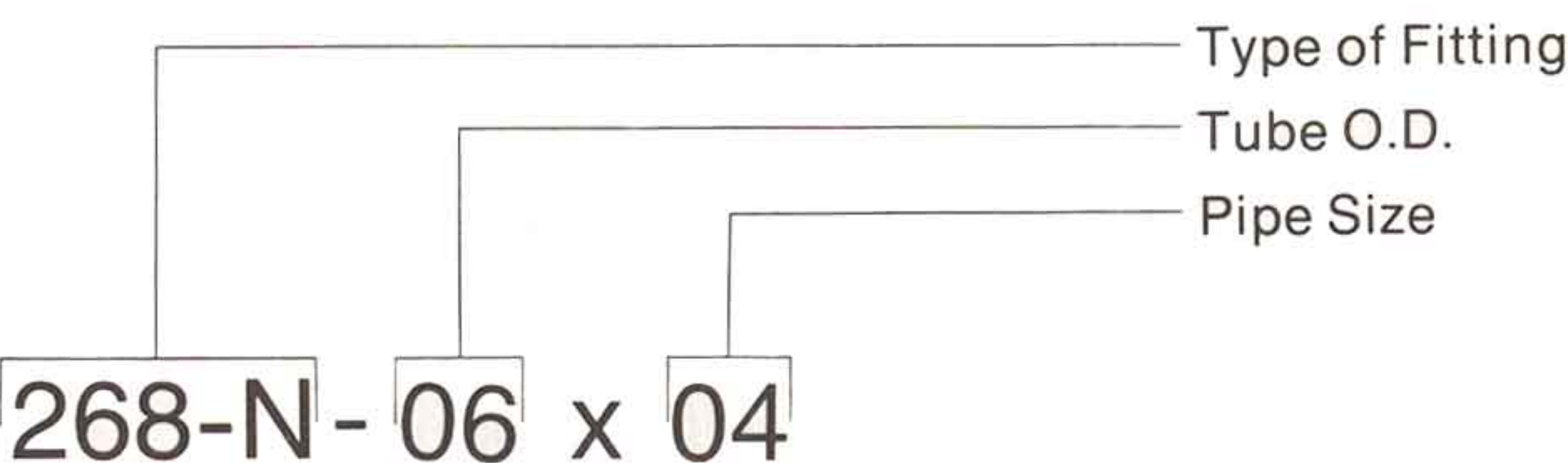
Long length Dryseal American (National) Standard Taper pipe threads.

ORDERING INFORMATION

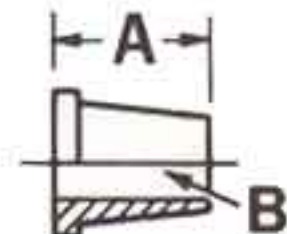
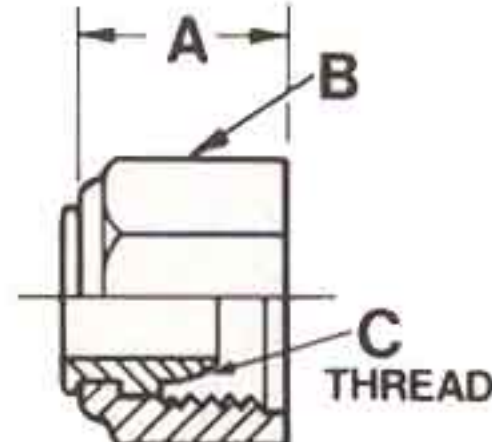
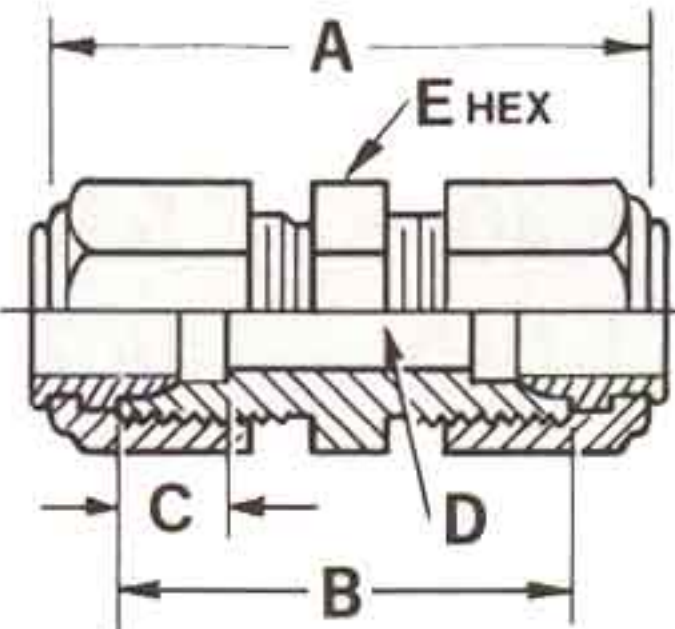
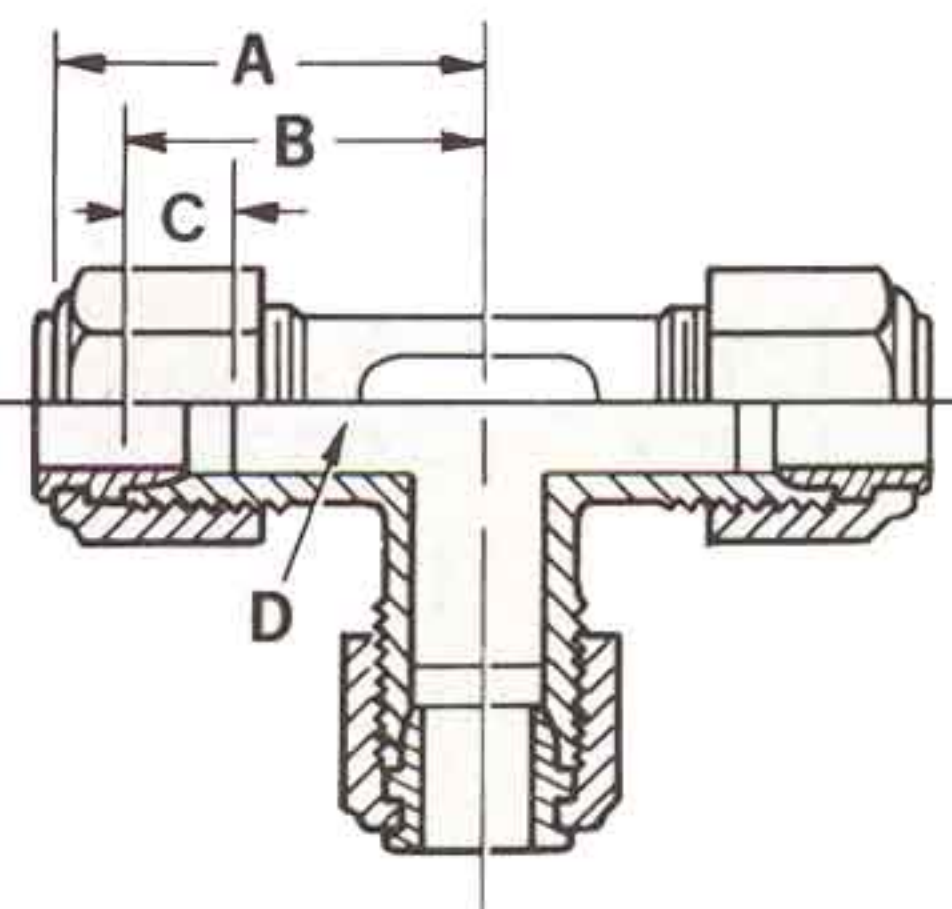
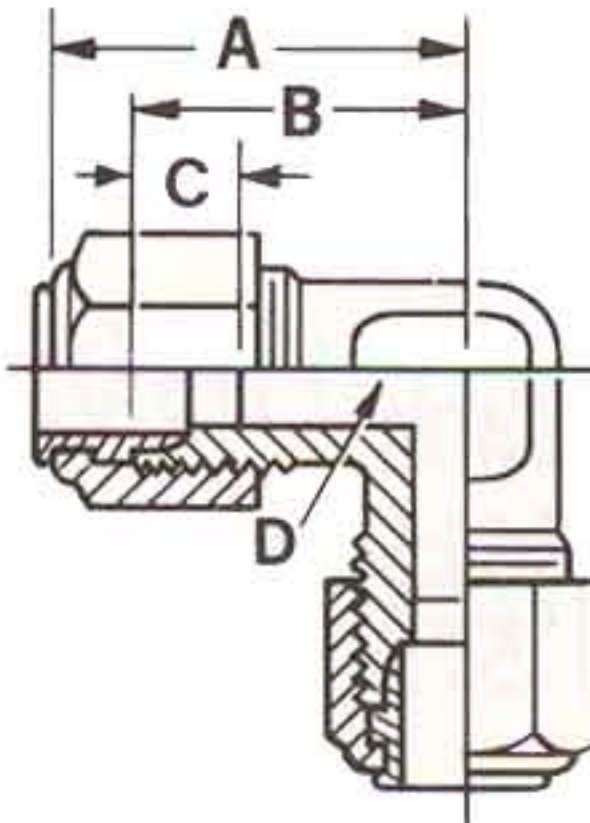
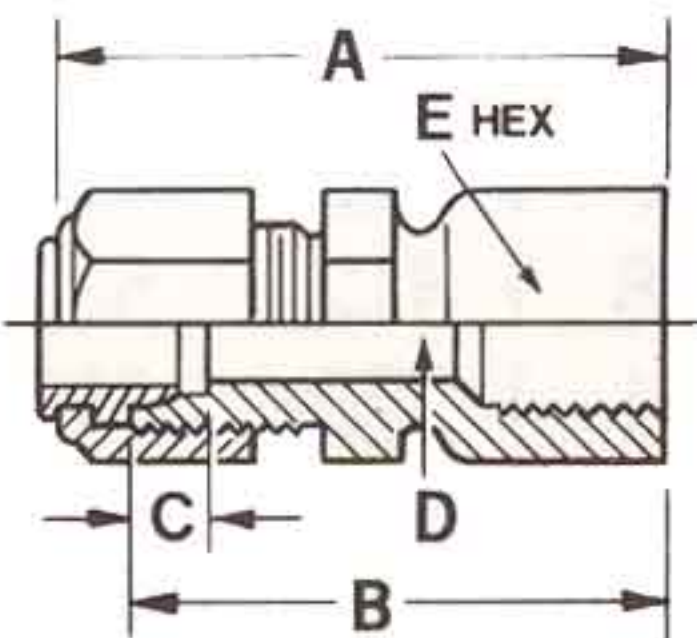
To order, simply specify catalog number for configuration and size desired.

EXAMPLE:

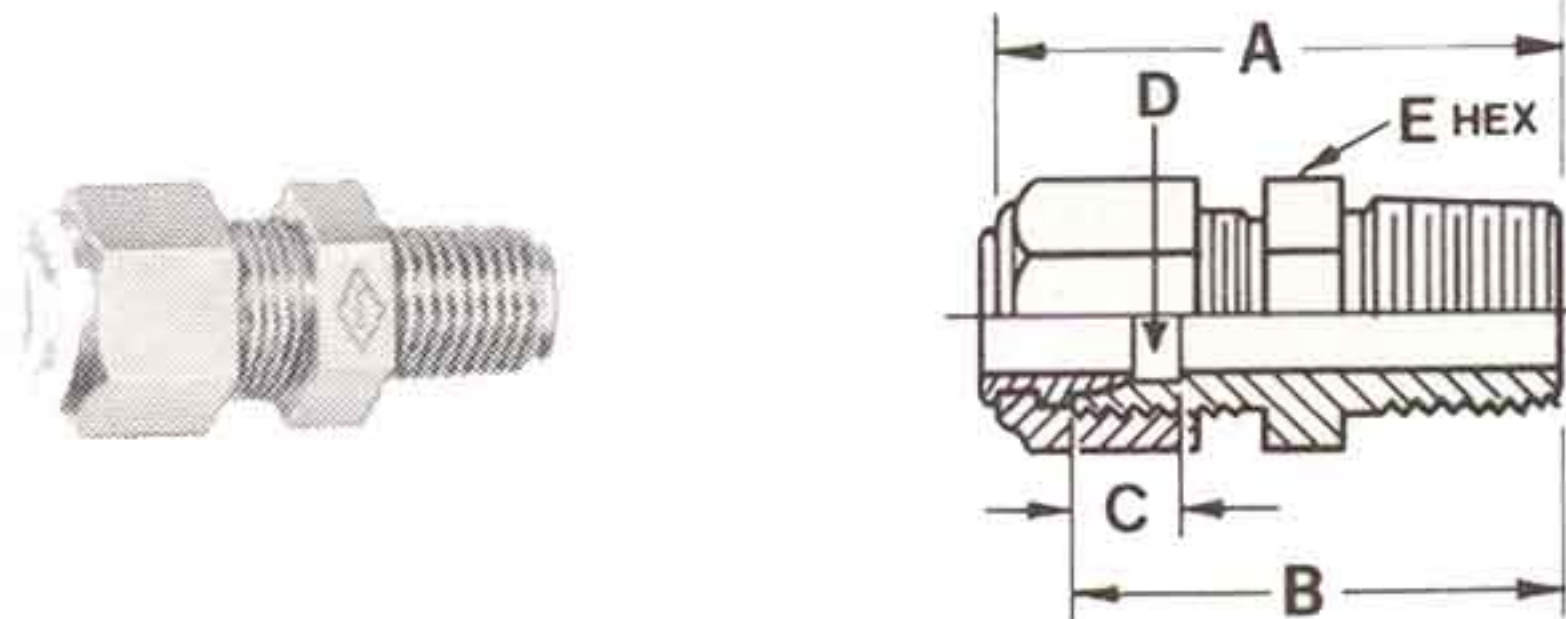
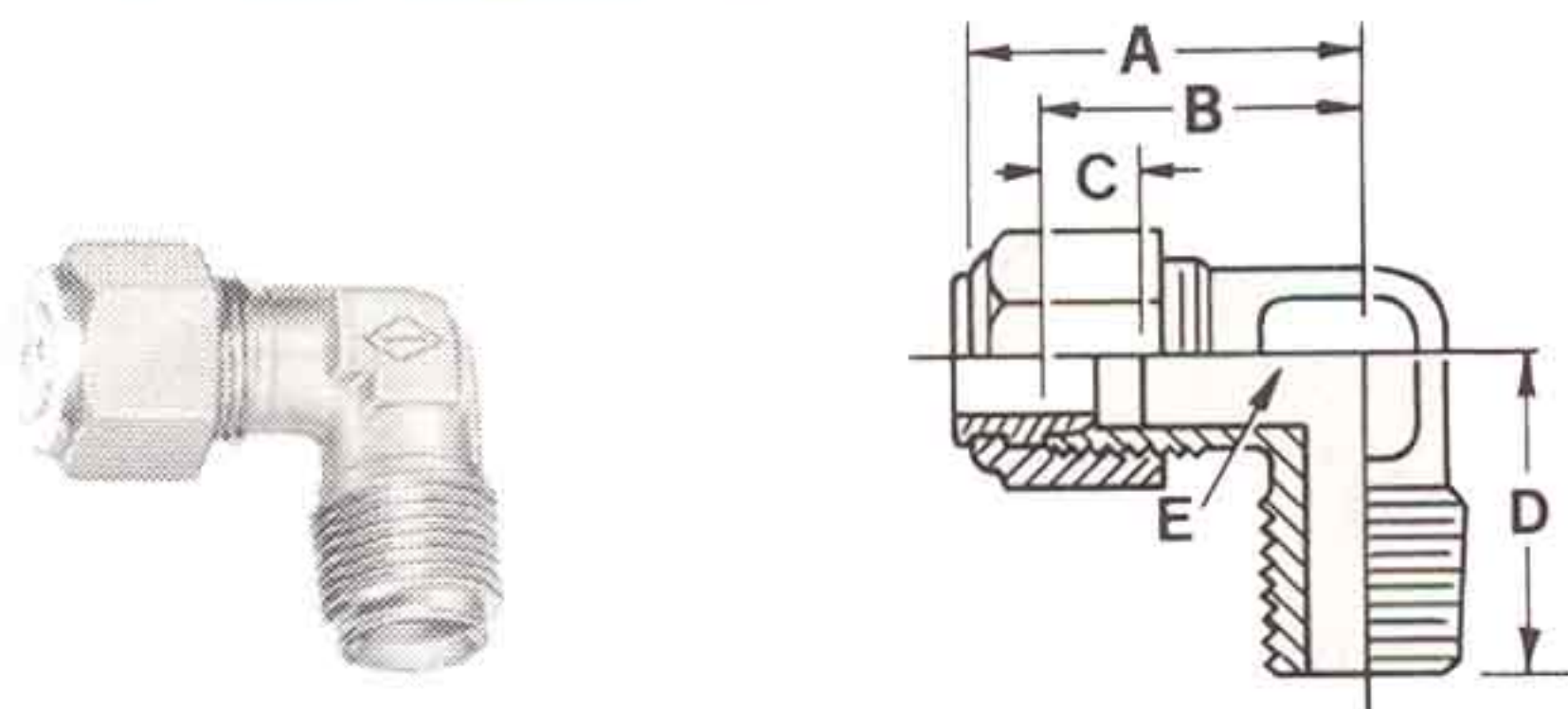
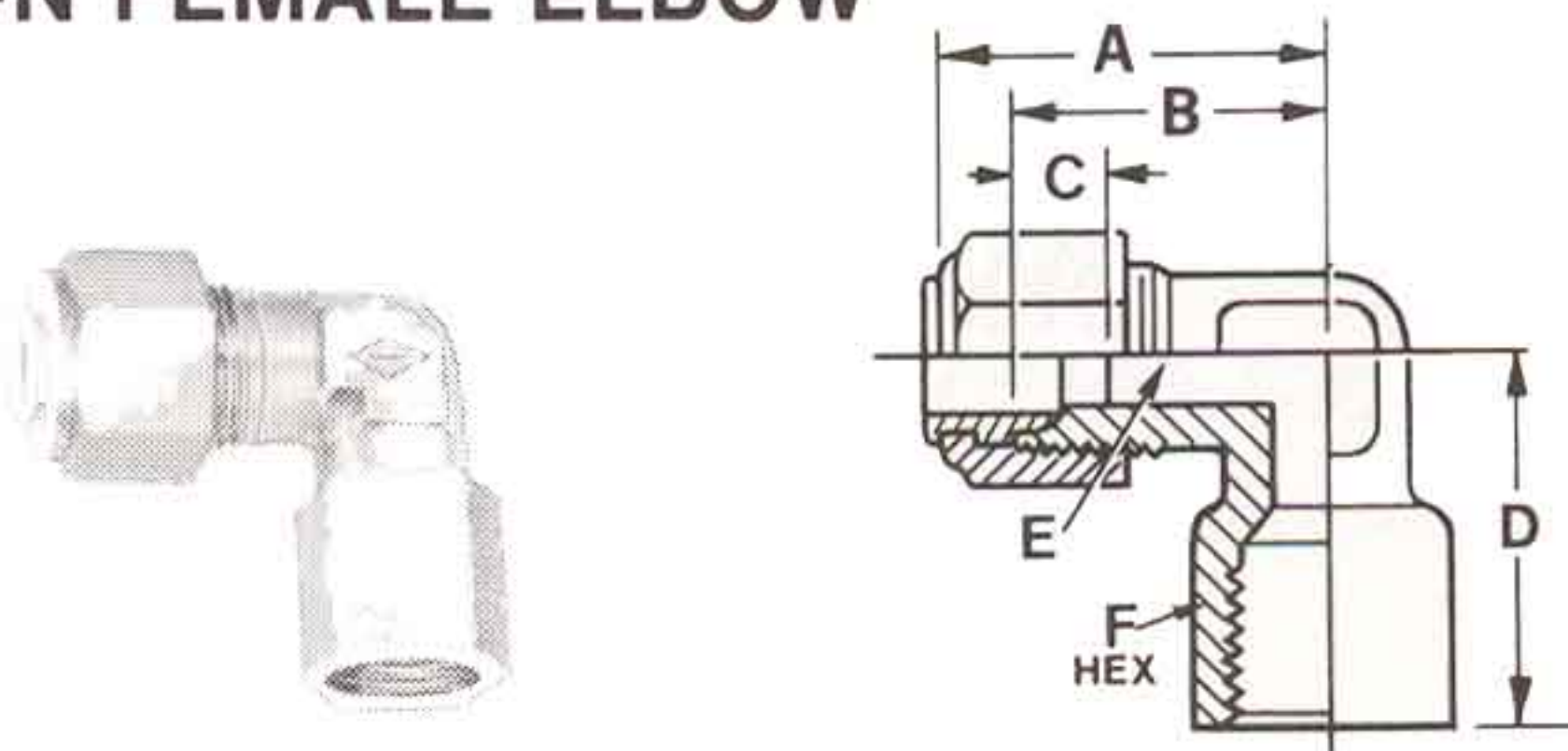
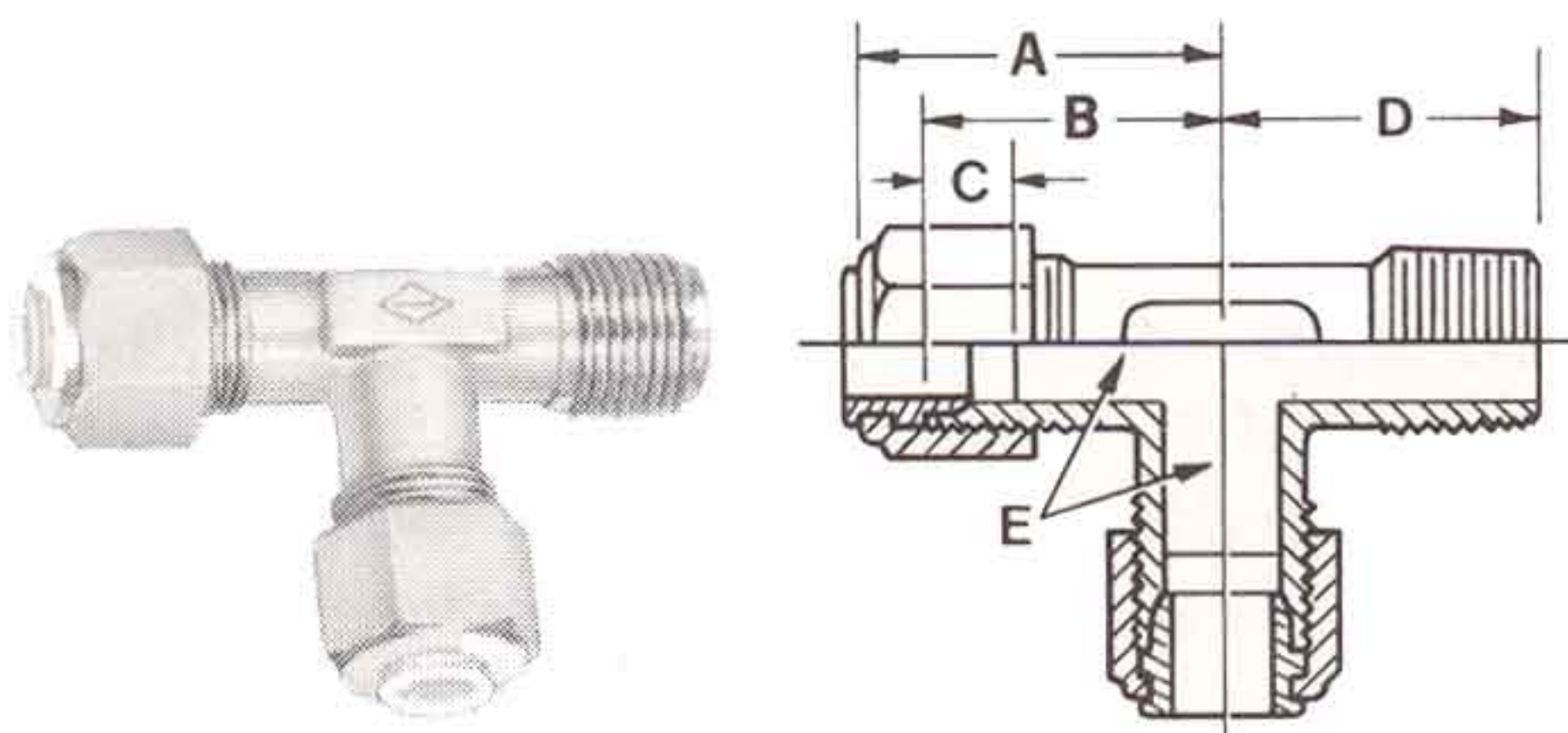
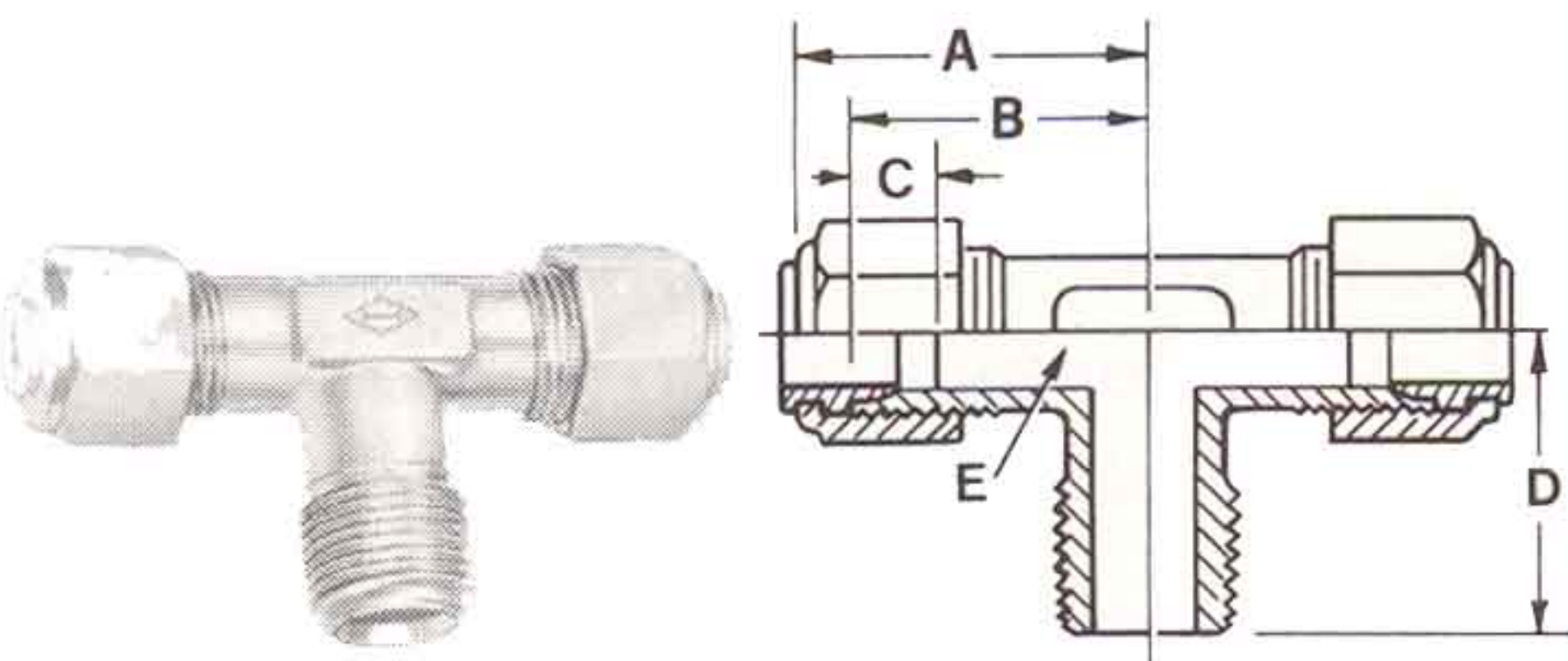
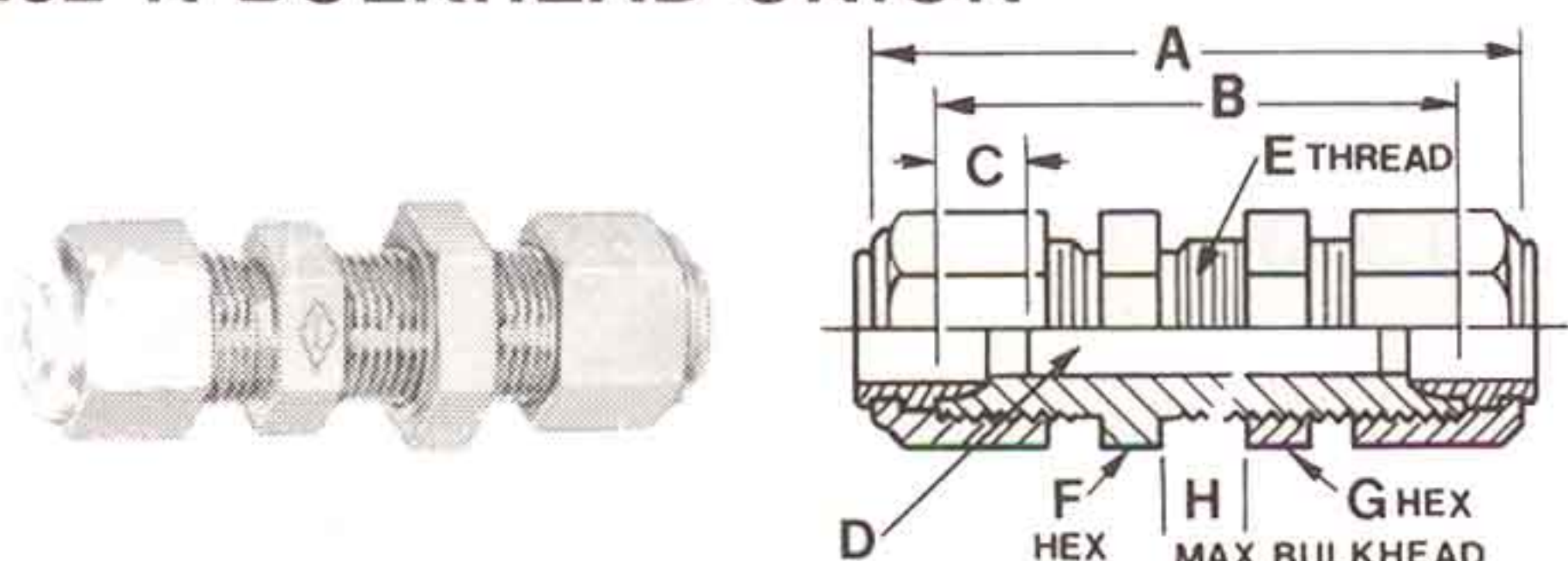
3/8" O.D. tube x 1/4" pipe thread male connector.
268-N-06 x 04.



Nylo-Seal Flareless Tube Fittings

	Catalog Number	Tube O.D.	A	B	C	D	E	
259-N INSERT (Nylon)  	259-N-04	1/4	.375	.125				
	259-N-05	5/16	.406	.141				
	259-N-06	3/8	.437	.203				
	259-N-08	1/2	.562	.297				
261-N NUT AND SLEEVE ASSEMBLY  	261-N-04	1/4	.468	.562	7/16-20			
	261-N-05	5/16	.515	.625	1/2-20			
	261-N-06	3/8	.578	.750	5/8-20			
	261-N-08	1/2	.609	.875	3/4-20			
262-N UNION  	262-N-04	1/4	1.812	1.000	.468	.218	.625	
	262-N-05	5/16	1.812	1.000	.468	.281	.687	
	262-N-06	3/8	2.000	1.187	.531	.343	.812	
	262-N-08	1/2	2.125	1.312	.593	.406	.937	
264-N UNION TEE  	264-N-04	1/4	1.156	.750	.468	.218		
	264-N-05	5/16	1.218	.812	.468	.281		
	264-N-06	3/8	1.406	.937	.531	.343		
	264-N-08	1/2	1.515	1.062	.593	.406		
265-N UNION ELBOW  	265-N-04	1/4	1.156	.750	.468	.218		
	265-N-05	5/16	1.218	.812	.468	.281		
	265-N-06	3/8	1.406	.937	.531	.343		
	265-N-08	1/2	1.515	1.062	.593	.406		
	Catalog Number	Tube O.D.	Pipe Thread	A	B	C	D	E
266-N FEMALE CONNECTOR  	266-N-04x02	1/4	1/8	1.343	.937	.468	.218	.562
	266-N-04x04	1/4	1/4	1.531	1.125	.468	.218	.687
	266-N-06x04	3/8	1/4	1.656	1.187	.531	.343	.687
	266-N-06x06	3/8	3/8	1.656	1.187	.531	.343	.812
	266-N-08x06	1/2	3/8	1.703	1.250	.593	.406	.812

Nylo-Seal Flareless Tube Fittings

	Catalog Number	Tube O.D.	Pipe Thread	A	B	C	D	E	F		
268-N MALE CONNECTOR 	268-N-04x02	1/4	1/8	1.406	1.000	.468	.218	.625			
	268-N-04x04	1/4	1/4	1.593	1.187	.468	.218	.625			
	268-N-05x04	5/16	1/4	1.593	1.187	.468	.281	.687			
	268-N-06x04	3/8	1/4	1.781	1.312	.531	.343	.812			
	268-N-06x06	3/8	3/8	1.781	1.312	.531	.343	.812			
	268-N-08x06	1/2	3/8	1.828	1.375	.593	.406	.937			
	268-N-08x08	1/2	1/2	2.015	1.562	.593	.406	.937			
269-N MALE ELBOW 	269-N-04x02	1/4	1/8	1.156	.750	.468	.750	.218			
	269-N-04x04	1/4	1/4	1.156	.750	.468	.937	.218			
	269-N-05x04	5/16	1/4	1.218	.812	.468	1.000	.281			
	269-N-06x04	3/8	1/4	1.406	.937	.531	1.062	.343			
	269-N-06x06	3/8	3/8	1.406	.937	.531	1.062	.343			
	269-N-08x06	1/2	3/8	1.515	1.062	.593	1.125	.406			
	269-N-08x08	1/2	1/2	1.515	1.062	.593	1.312	.406			
270-N FEMALE ELBOW 	270-N-04x02	1/4	1/8	1.156	.750	.468	.875	.218	.562		
	270-N-04x04	1/4	1/4	1.156	.750	.468	1.062	.218	.687		
	270-N-06x04	3/8	1/4	1.406	.937	.531	1.187	.343	.687		
	270-N-06x06	3/8	3/8	1.406	.937	.531	1.187	.343	.812		
	270-N-08x06	1/2	3/8	1.515	1.062	.593	1.250	.406	.812		
271-N MALE RUN TEE 	271-N-04x02	1/4	1/8	1.156	.750	.468	.750	.218			
	271-N-04x04	1/4	1/4	1.156	.750	.468	.937	.218			
	271-N-05x04	5/16	1/4	1.218	.812	.468	1.000	.281			
	271-N-06x04	3/8	1/4	1.406	.937	.531	1.062	.343			
	271-N-06x06	3/8	3/8	1.406	.937	.531	1.062	.343			
	271-N-08x06	1/2	3/8	1.515	1.062	.593	1.062	.406			
	271-N-08x08	1/2	1/2	1.515	1.062	.593	1.312	.406			
272-N MALE BRANCH TEE 	272-N-04x02	1/4	1/8	1.156	.750	.468	.750	.218			
	272-N-04x04	1/4	1/4	1.156	.750	.468	.937	.218			
	272-N-05x04	5/16	1/4	1.218	.812	.468	1.000	.281			
	272-N-06x04	3/8	1/4	1.406	.937	.531	1.062	.343			
	272-N-06x06	3/8	3/8	1.406	.937	.531	1.062	.343			
	272-N-08x06	1/2	3/8	1.515	1.062	.593	1.125	.406			
	272-N-08x08	1/2	1/2	1.515	1.062	.593	1.312	.406			
282-N BULKHEAD UNION 	282-N-04	1/4		2.312	1.500	.468	.218	7/16-20	.625	.625	.312
	282-N-05	5/16		2.437	1.625	.468	.281	1/2-20	.687	.687	.375
	282-N-06	3/8		2.748	1.812	.531	.343	5/8-20	.812	.875	.375
	282-N-08	1/2		2.781	1.875	.593	.406	3/4-20	.937	1.000	.312