



Gas SPEC 001

## High Volume Tapping Tee No Blow-by Tool

Solves the Problem of Excessive Blow-by

### Features:

*For Use with Central Plastics High Volume Tapping Tee*

- Prevents gas from escaping during tapping operation.
- Compact size allows for use in tight ditch conditions.
- Provides positive stops during tapping to prevent over penetration of the punch.
- Retainer secures the tool even after fitting is pressurized.



Central Plastics Company  
1901 W. Independence St.  
Shawnee, OK USA 74801  
[www.centralplastics.com](http://www.centralplastics.com)

Phone: 800-654-3872  
405-273-6302  
Fax: 800-733-5993  
405-273-5993

# No Blow-By Tool Operation Instructions

The Central Plastics High Volume Tapping Tee should be fused to the pipe using the standard procedures for the preparation and fusion of electrofusion fittings. After proper cooling time has elapsed, new service or main may be pressure tested. The fitting is shipped from the factory with the cutter positioned to allow a high rate of bypass through the outlet for pressure testing. (see Fig.1)



Fig. 1

1) Inspect the sealing surface of the No-Blow Tapping Tool and ensure the O-Ring seal is properly installed and in good condition. (see Fig. 2)

2) After the pressure testing is completed the tapping tool can be used to bring the cutter to the top of the fitting for proper installation of the no blow-by tapping tool.



Fig. 2

3) Thread the retainer nut into the top of the punch This is an important feature of the tapping tool that prevents the tapping handle from being forced upward when the fitting is pressurized during the tapping process. (see Fig. 3)

4) With the retainer nut installed the cap can be installed and tightened just enough to get a good seal on the o-rings, (hand tighten only).



Fig. 3

5) With the tapping tool installed, the T-handle or ratchet handle can be rotated clockwise until the depth stop is against the top of the tool. Retighten the cap after rotating the tapping tool a couple of revolutions. (see Fig. 4)

6) The handle can now be rotated counterclockwise until the punch is seated firmly on the o-ring in the top of the fitting. (NOTE: If at any time you hear gas escaping - tighten the cap)



Fig. 4

7) With the punch seated against the o-ring, the tapping tool can be removed and the cap can be installed. Occasionally there will be a slight deformation of the I.D. o-ring and a small amount of gas leaking around the punch. This is normal and will not prevent the cap from sealing properly. (NOTE: It is very important to tighten the cap hand tight. The use of wrenches or other tools can permanently damage the fitting.)



ISO 9001 CERTIFIED

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