



## ATD-5463 Double Flaring Tool Kit



### Features:

- Chrome swivel, made of alloy steel reduces friction
- Forged yoke made of heat-treated steel
- Designed for double or single flare in copper, aluminum, soft steel brake line and brass tubing (to 45°)
- Molded storage case included
- Shipping Weight: 2.5 lbs.
- Adapters available individually

### Contents:

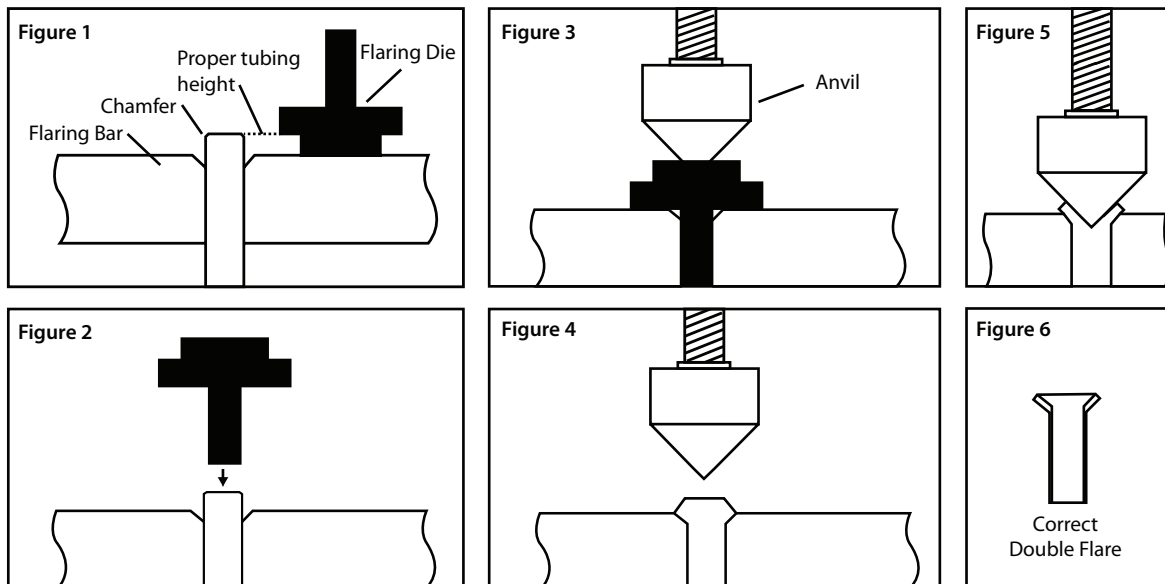
- 1 - Flaring bar
- 1 - Yoke with anvil
- 5 - Flaring Dies: 3/16", 1/4", 5/16", 3/8", 1/2"

## Double Flare Instructions:

This tool is designed to double flare thin wall steel, aluminum and .040 wall soft copper tubing.

1. End of tubing must be cut square (use tubing cutter).
2. Deburr inside of tubing, and chamfer outside.
3. Place tubing in correct hole with proper length exposed on beveled side of flaring bar as shown in Figure 1.
4. Tighten flaring bar firmly starting with nut closest to tubing. Make certain tubing will not slip.
5. Fit flaring die into tubing (Fig. 2). This may be difficult if tubing is not properly deburred.
6. Place anvil over flaring die and turn down until die contacts flaring bar. (Fig. 3).
7. Remove flaring die. End of tubing should be bell shaped (Fig. 4).
8. Place anvil over bar and turn anvil down until tubing folds in on itself (Fig. 5).
9. Remove tool and tubing should look like Figure 6.

**TIP:** Lubricate yoke mandrel threads and flaring die with a light oil.



## Replacement Parts Available:

- PRT5463-01 - 3/16" Adapter
- PRT5463-02 - 1/4" Adapter
- PRT5463-03 - 5/16" Adapter
- PRT5463-04 - 3/8" Adapter
- PRT5463-05 - 1/2" Adapter



# WARRANTY

## 1 YEAR LIMITED WARRANTY

THIS WARRANTY AND CONFIRMED RECEIPT(S) SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES

PURCHASED FROM: \_\_\_\_\_

DATE PURCHASED: \_\_\_\_\_

INVOICE/RECEIPT NUMBER: \_\_\_\_\_

Your ATD-5463 is warranted for a period of 12 months from the original purchase date.

For a period of one (1) year from your purchase date, ATD Tools Inc. will repair or replace (at its option) without charge, your ATD product if it was purchased new and the product has failed due to a defect in material or workmanship which you experienced during normal use of the product. This limited warranty is your exclusive remedy.

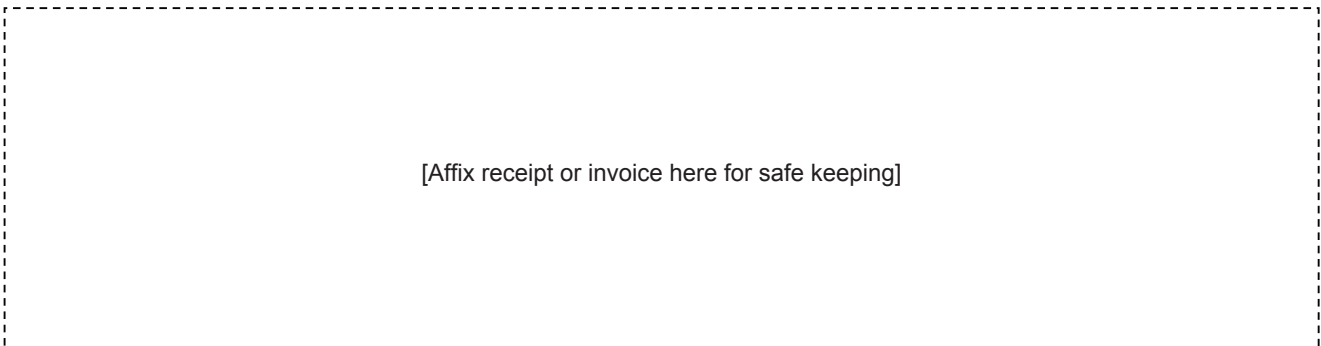
To access the benefits of this warranty, contact your supplier, or point of sale directly. You may be advised to return the product under warranty, freight prepaid, to your supplier for warranty determination.

If this ATD product is altered, abused, misused, modified, or undergoes service by an unauthorized technician, your warranty will be void. We are not responsible for damage to ornamental designs you place on this ATD product and such ornamentation should not cover any warnings or instructions or they may void the warranty. This warranty does not cover scratches, superficial dents, and other abrasions to the paint finish that occur under normal use. It also does not cover normal wear items such as but not limited to brushes, batteries, drill bits, drill chucks, pads or blades.

Subject to the law in your state:

- (1) Your sole and exclusive remedy is repair or replacement of the defective product as described above.
- (2) ATD is not liable for any incidental damages, including but not limited to, lost profits and unforeseeable consequences.
- (3) The repair and replacement of this product under the express limited warranty described above is your exclusive remedy and is provided in lieu of all other warranties, express or implied. All other warranties, including implied warranties and warranties of merchantability or fitness for a particular purpose are disclaimed and, if disclaimer is prohibited, these warranties are limited to one year from your date of purchase of this product.

Some states' laws do not allow limited durations on certain implied warranties and some states' laws do not allow limitations on incidental or consequential damages. You should consult the law in your state to determine how your rights may vary.



[Affix receipt or invoice here for safe keeping]