

The **EASTWOOD PERFECT PANEL PREP TOOL** is an exclusive design that provides a perfectly beveled 45° weld-prepped edge in 20 or 18 Gauge sheet metal to achieve solid, full-penetration MIG or TIG butt welds.

## SAFETY INFORMATION

### **⚠ DANGER**

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

### **⚠ WARNING**

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

### **⚠ CAUTION**

CAUTION used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

### **⚠ NOTICE**

NOTICE is used to address practices not related to personal injury.



### **⚠ READ INSTRUCTIONS**

- Thoroughly read and understand these product instructions before using this tool.
- Keep these product instructions for future reference.



### **⚠ WARNING PINCH HAZARD!**

- This tool uses compound leverage to greatly amplify clamping forces which can pinch fingers causing serious injury. Keep fingers away from moving parts of the Weld Prep Tool.



### **⚠ WARNING CUT HAZARD!**

- Handling sharp metal can cause cuts. Wear thick work gloves and long sleeves when using Weld Prep tool.

## OPERATION

1. Be sure the metal to be weld-prepped is straight and free of burrs or jagged edges.
2. Back off the Adjuster Screw and Locknut to relieve clamping pressure then gently close the Jaws (**FIG A**).
3. Rotate the Adjuster Screw inward until it stops. (Do not over tighten) (**FIG A**).
4. Open Jaws and place over the sheet metal edge with the Pivoting, Moveable Jaw “pushing” to form the Weld Prep bend on the side to be welded. **NOTE:** If the Locking Handle Mechanism is toward you, the 45° bend will be away from you (**FIG B**). Be sure to plan your work carefully before beginning.
5. Close Jaws to form a 45° downward bend in the metal edge (**FIG B**).
6. Open Jaws to check bend. If satisfactory, lock the Adjuster Screw in position with the Locknut.
7. Move tool along the metal edge forming the weld-prep bend (**FIG C**).
8. Be sure to check the weld-prep bend profile and adjust tool if required. **IMPORTANT NOTE:** As with any metal working tool, the Eastwood Weld Prep Tool requires a learning curve to achieve proficiency. Always practice on scrap material before using on an actual project

# CREATING FULL-PENETRATION WELDS

1. Align panels with both weld prepped edges forming a "V" (FIG D).
2. MIG or TIG weld your panels filling the "V", allow to cool fully then grind flush creating a seamless, flat surface (FIG E).

## MAINTENANCE

Keep Jaws and metal project surface clean and free of chips, burrs and oils.

FIG. A

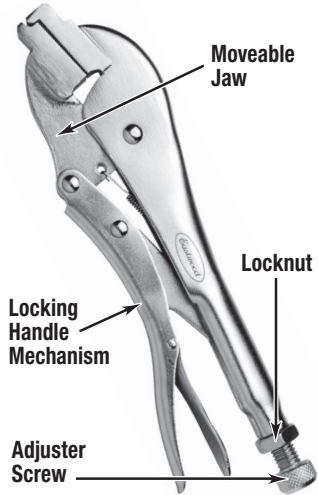


FIG. B

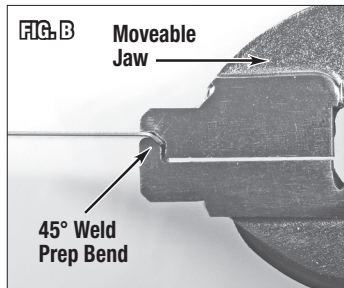


FIG. C

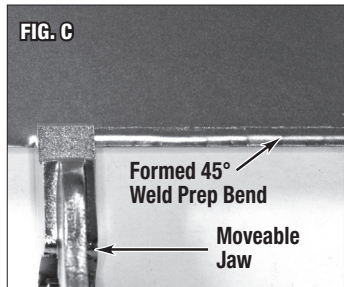


FIG. D

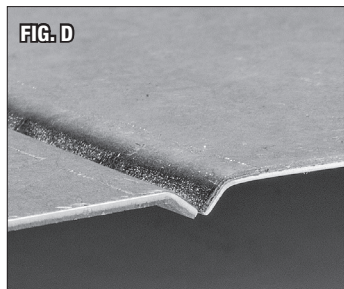
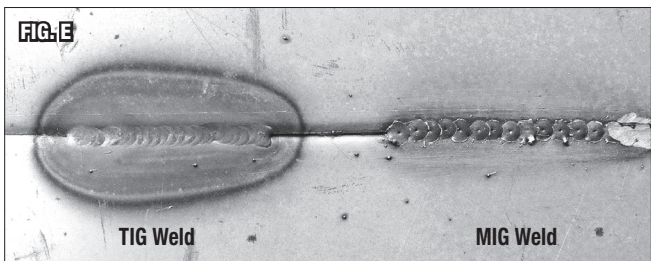


FIG. E



If you have any questions about the use of this product, please contact

The Eastwood Technical Assistance Service Department:

800.544.5118 >> email: [techelp@eastwood.com](mailto:techelp@eastwood.com)

PDF version of this manual is available online >> [eastwood.com/21130manual](http://eastwood.com/21130manual)

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