

MEP Gusset Plate

Restores structural integrity of steel framing with field modified openings.

The MEP Gusset Plate is designed to provide strength and stiffness to framing members that are modified or field cut at the job site with oversized cutouts on the web of the member. The two-piece design allows the plate to be attached after MEP components have been installed.

- For use with 15mil to 97mil framing members.
- Not for use when flange is cut out.

PRODUCT DIMENSIONS

MEP3 = 3-1/2" x 8" assembled

MEP6 = 5-3/4" x 8" assembled

MATERIAL SPECIFICATIONS

Gauge: 16 gauge (54mil)

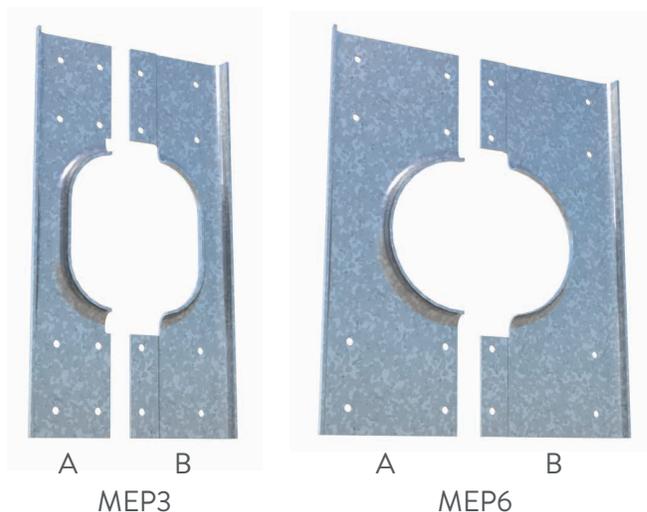
Design Thickness: 0.0566 inches

Material: 50ksi, G90 (Z275) hot-dipped galvanized

INSTALLATION

Installing the ClarkDietrich MEP Gusset Plate in accordance with the following guidelines will return the stud member to its original flexural strength, shear strength, and stiffness.

- The dimensions of the field cut hole shall be no greater than 3" wide by 3" tall for 6" framing members and 2" wide by 3" tall for 3-5/8" members.
- Field cut holes shall be made with a plasma cutter or saw. Torch-cut holes are not permitted.
- The steel around the hole shall not be damaged or distorted.
- A total of (12) #10-16 screws shall be used at each hole repair location as shown in the figure.
- This product cannot be used when framing member's flange is notched.
- Minimum stud web hole spacing shall be maintained for compliance with AISI S100, S220 & S240 standards.
- The axial capacity and web crippling capacity of the stud member shall be considered separately. It is the responsibility of the design professional to verify that the capacity meets the requirements of the intended application.



MEP Gusset Plate (MEP)

Product code	Dimensions (assembled)	Packaging
MEP3	3-1/2" x 8"	25 Sets (A&B)
MEP6	5-3/4" x 8"	25 Sets (A&B)