

Drop Hardware

"O" Span Clamp 27-00860



The Diamond® Difference™

Does Your Hardware Pass the Test of Time?

The unique, proprietary approach that we have to mechanical galvanizing, and the standards that we insist on for our raw materials, ensure that Diamond parts can withstand corrosive environments for decades, a factor that is important today since replacement costs are so high.

Diamond® Products Stand the Test of Time.

Application

The Diamond "O" Span Clamp is used in CATV installations to provide drop wire takeoffs along the span and relieve tension on the drop wire at this point.

Specifications

- Stud and nut are made of high quality steel.
- Mechanically galvanized to meet ASTM specifications A153 and B695.
- Clamping plates are made of high grade aluminum alloy, with a tensile strength of 45,000 P.S.I.
- Tensile strength of "O" stud is 75,000 P.S.I.
- Clamping range is 1/4" (6.6M) to 3/8" (10M) messenger strand.
- Through controlled galvanizing, threads are sharp and clean, allowing nut to turn easily.
- Full 3/8" thread eliminates nut stripping and snapping of stud.
- Clamp is manufactured so the square shank on the stud fits a square hole in the clamping plates to prevent rotation when the nut is tightened.
- Clamp will accommodate multiple drops.

The Diamond "O" Span Clamp was developed for CATV with the only true "O" configuration in the industry. The Clamping plates are made of 1/4" thick, high grade aluminum alloy to prevent distortion of the plates while being fastened on the messenger strand. The true "O" configuration provides a stronger curl than the hook design used in other "O" clamps on the market. The "O" design provides better retention of the drop wire and eliminates the problem of an attached wire being loosened by wind whip. All of the steel parts are corrosion resistant due to Diamond's quality galvanizing process.



Installation

Position clamping plates on top of messenger strand. Tighten clamping nut. Insert the drop wire, drop wire clamp or wire grip into the hook. Pull the drop wire against the hook toward the area where service is being installed.

Part Numbers	Carton QTY	Weight per 100 PCS	Min. Order QTY	Order Multiples
27-00860	50	21.5	?	?