



# Product Data Sheet

## VXW-X, Vertical Strain Relief Clamp

**The MCS series of Vertical “V” clamps consist of a welded steel housing and two polyurethane wedges. This clamp is designed for use in vertical mine shafts and other applications where the cable itself applies a constant directional tension.**

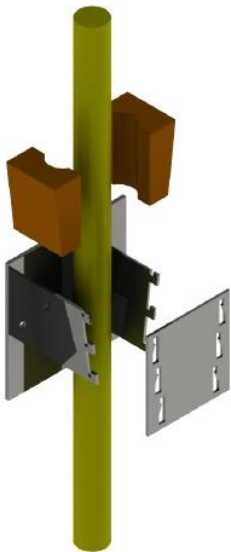
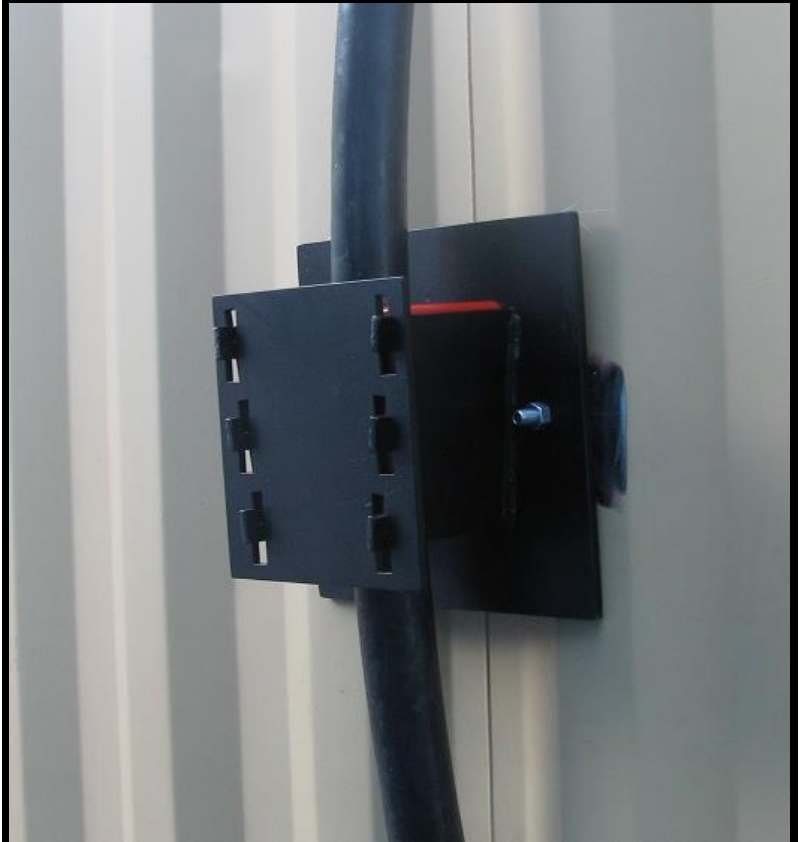
The welded steel housing has two main components: the body and the solid front plate, designed together to provide a rigid enclosure that will maintain its integrity in strength. The steel body is provided in standard black powder coat, however, specific colours are available. Stainless steel housings are also available.

Inside the steel housing are two polyurethane rubber molded liners to secure your cable. The liners are designed with ridge grips to secure your cable in place as gravity tightens the fit of the assembly.

Polyurethane rubber liner pairs are designed to fit a very small cable diameter range to ensure the end user that a particular cable is supported within a close tolerance. (See ordering chart below)

The steel housing is designed to install on mine shaft timbers with either heavy duty bolts in place, or welding permanently into place.

Standard proof loading is 1000 pounds.  
Standard recommended distance apart is 20 foot along the entire length of the mine shaft.



The Vertical Strain Relief Clamp eliminates all other forms of vertical support. Other uses are vertical pole drops in mine and utility applications, the support of vertical pipe or horizontal cable runs where cable tension is reasonably constant.

### Ordering Information, By Cable Diameter Range

Catalogue No.	Cable Range:	Catalogue No.	Cable Range:
V6W-A	0.625" – 0.875"	V9W-GH	2.250" – 2.500"
V6W-B	0.875" – 1.125"	V9W-H	2.375" – 2.625"
V6W-C	1.125" – 1.375"	V12W-J	2.625" – 2.875"
V6W-D	1.375" – 1.625"	V12W-K	2.875" – 3.125"
V9W-E	1.625" – 1.875"	V12W-L	3.125" – 3.375"
V9W-F	1.875" – 2.125"	V12W-M	3.375" – 3.625"
V9W-G	2.125" – 2.375"	*Please contact MCS for current availability	