

## NELSON STUD WELDING

### *SPECIFICATION: CrimpLok™ Cable Hangers*

Nelson marine hangers are generally used in the shipbuilding industry to support and retain electrical cables. They are mounted on CPL studs that have been welded to the ship's structure. The hangers have been vibration tested, and are United States Navy approved.

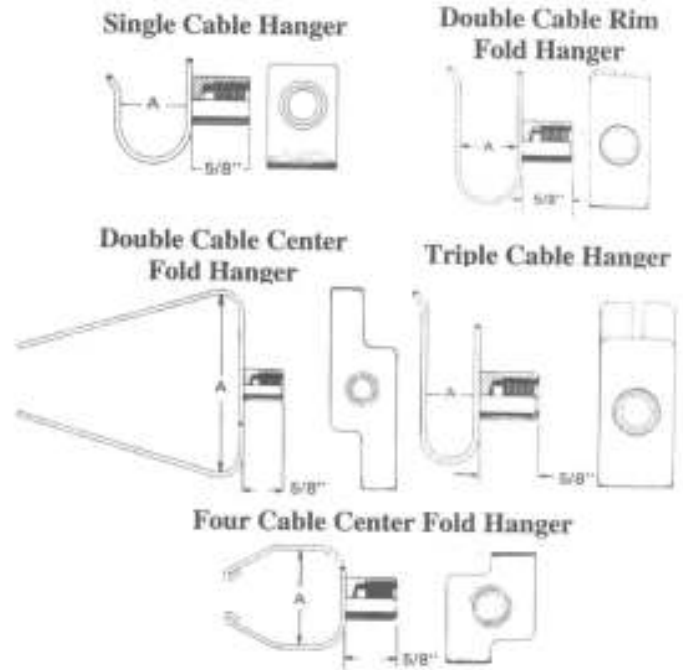
CrimpLok™ style hangers are crimped directly onto the cables to retain them, and are made from stainless steel or mild steel with an electrozinc or neoprene coating option.

Nelson's CrimpFold™ marine cable hangers combine the split-second fastening capabilities of stud welding with a proven method of cable attachment. The hanger has enough design flexibility to handle different diameters and quantities of cables, yet has very desirable mounting simplicity and speed.

The use of Nelson's studs and marine cable hangers allows painting and insulation to be installed prior to permanent cable installation, thus reducing time spent on overall component installation.

All studs cable hangers, seen at right, are tapped 3/8"-16.

For similar function studs, see Nelson Banding style cable hangers.



**When ordering, specify Type, Description, Material, Quantity, and Part Number**

**Example: SL0103-TXL 0.531"; Mild Steel; 10,000 pieces; #101107126**

*Single Cable Hanger*

Part Description	A	Cable Diameter	
		Minimum	Maximum
SL0103-TXL	0.531	0.375	0.531
SL0105-TXL	0.680	0.531	0.680
SL0106-TXL	0.900	0.680	0.900
SL0107-TXL	1.224	0.900	1.224
SL0114-TXL	0.750	0.437	0.750
SL0131-TXL	0.358	0.305	0.371

*Double Center Fold Hanger*

Part Description	A	Maximum Cable Diameter
SL0104-TXL	3.000	0.500
SL0122-TXL	3.000	0.750
SL0123-TXL	2.000	1.000
SL0121-TXL	2.448	1.224

*Double Cable Hanger*

Part Description	A	Cable Diameter	
		Minimum	Maximum
SL0109-TXL	0.531	0.375	0.531
SL0110-TXL	0.680	0.531	0.680
SL0111-TXL	0.900	0.680	0.900
SL0115-TXL	0.750	0.437	0.750
SL0117-TXL	1.000	0.750	1.000
SL0132-TXL	0.358	0.303	0.359

*Triple Cable Hanger*

Part Description	A	Maximum Cable Diameter
SL0124-TXL	0.531	0.531

*Four Cable Stacked Hanger*

Part Description	A	Maximum Cable Diameter
SL0102-TXL	1.000	0.531

**MATERIALS:** Nelson cable hangers are available in Low Carbon Mild Steel and Stainless Steel. Options for electrozinc plating and Neoprene coating are available. For specific grade information and physical and chemical properties, conforming standards, and information on stud plating, please see GENERAL MATERIAL SPECIFICATIONS.

Visit our website [www.NelsonStudWelding.com](http://www.NelsonStudWelding.com) for a list of our standard stock products.