

NELSON STUD WELDING

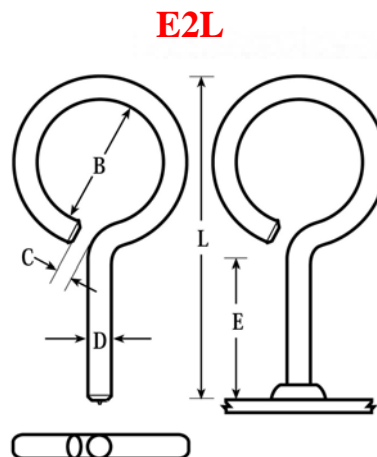
SPECIFICATION: E2L “Eyebolt” Studs

Nelson E2L (and E2P, 3/16” diameter) studs are welded a variety of parts or structures to provide a means of attachment to the assembly or a means of lifting parts.

The length of the weld base portion of the stud is needed for the ferrule height and the burn off, or length reduction, during the stud welding process. The weld flash dimensions and burn off are the same as for Nelson’s NBL type studs.

Special chucks are used to grip the eye portion of the studs and ferrule foot plates are used to grip the ferrule below the eye.

For similar shape and function studs, please see Nelson B4L Reinforcing Standoff Support studs, J2L “J” Bolt studs, H4L Headed Concrete Anchors, R9L Rope Hook studs, and R7P Rectangular Stud with Hole.



When ordering, specify **Type, Diameter, Length, Material, Quantity, and Part Number**

Example: E2L 0.250 x 2.000”; Mild Steel; 10,000 pieces; #101028045

Stud Diameter D	Minimum Dimension				Required Standard Accessories		
	Length L	B	E	Max. Opening C	Chuck for Minimum Radius	Ferrule	Foot Assembly
0.187	1.875	0.750	0.750	0.187	500011002	100011003	501006010
0.250	1.750	0.500	0.750	0.250	500011003	100011067	501006003
0.312	1.812	0.437	0.750	0.312	500011004	100011007	501006002
0.375	2.562	0.875	0.937	0.375	500011005	100011099	501006005
0.437	3.000	1.000	1.125	0.437	500011006	100011009	501006004
0.500	3.562	1.250	1.312	0.500	500011007	100011114	501006007

MATERIALS: Studs are available in Low Carbon Mild Steel and 18-8 Stainless Steel. For specific grade information and physical and chemical properties, conforming standards, and information on stud plating and heat treating, please see [General Material Specifications](#).

FLUX: All Nelson E2L studs have a solid flux load.

Visit our website www.NelsonStudWelding.com for a list of our standard stock products.