

NELSON STUD WELDING

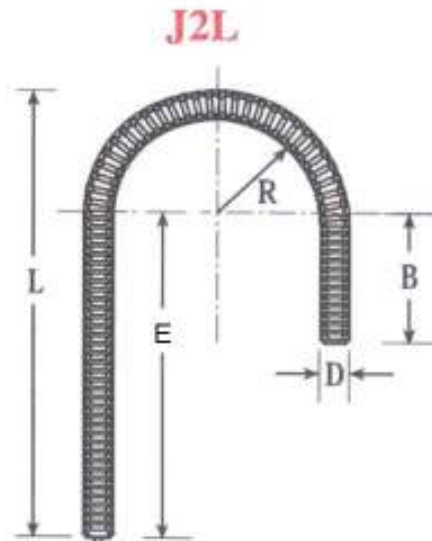
SPECIFICATION: J2L “J” Bolt Studs

Nelson J2L (and J2P, 3/16” diameter) studs are welded to parts, assemblies, and structures to act as attachment or lifting point. They may be embedded in concrete to provide anchorage, or may be used as locators for reinforcing bars in concrete structures.

Special chucks they fit the curve of the “J” are made to weld these studs. The chucks shown are for studs with the minimum radius J bend. If the length, “E”, is more than 4”, then side-gripping chucks can be used.

The foot plates or split feet/grip combinations shown can be used to weld J2L studs. Please see the NBL type specification sheet for the weld burn off and weld flash dimensions of Nelson J2L and J2P studs.

Stud types that may perform a similar function to the J2L “J” Bolt studs are Nelson **B4L Reinforcing Standoff Support studs**, **E2L “Eyebolt” studs**, **R7P Rectangular Stud with Hole**, and **R9L Rope Hook studs**.



When ordering, specify **Type, Diameter, Length “L”, Length “B”, Radius “R”, Material, Quantity, and Part Number** Example: J2L 1/4 x 2”, 1.187 x 0.625, 0.400”; Mild Steel; 10,000 pieces; #101058036

Stud Diameter	Minimum L	Minimum A	Minimum B	Minimum E	Minimum R	Required Standard Accessories		
						Chuck for Minimum Radius	Ferrule	Foot Assembly
0.250	1.187	1.062	0.500	0.625	0.312	500012002	100101067	501006003
0.375	1.562	1.312	0.500	0.750	0.437	500012008	100101099	501006005
0.437	1.750	1.437	0.500	0.812	0.500	500012011	100101009	501006004
0.500	1.937	1.500	0.500	0.937	0.500	500012005	100101114	501006007
0.625	2.437	1.875	0.500	1.062	0.750	500012001	100101187	501006008
0.750	3.250	2.750	1.000	1.500	1.000	NA	100101152	501006008

MATERIALS: Studs are available in Low Carbon Mild Steel, high strength deformed steel bars meeting ASTM A-496 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 standard Nelson J2L “J” Bolt studs have a solid flux load.

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