

## NELSON STUD WELDING

**SPECIFICATION:** *AXC* “Fir Tree” Studs

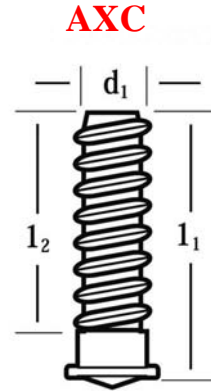


Nelson AXC “Fir Tree” studs are normally welded to bare or corrosion protection treated automobile sheet metal using the drawn arc stud welding process. This process, also known as the short cycle welding process, uses a Nelson rectifier power source at short time and high amperage settings.

The special thread design is engineered for use with a variety of plastic or metal clips. The Nelson Fir Tree thread is designed to reduce assembly time and provide positive attachment. The “push-on” thread shape of these studs, when used with the lightweight, versatile clips, provides many fastening solutions for securing hydraulic lines, hoses, wiring, and insulation.

Fir Tree studs are designed to be welded with Nelson Stud Welding systems that automatically feed the studs to the weld gun.

For similar function studs, see Nelson ANC Unthreaded Stored Arc® studs, *ATC Threaded Stored Arc® studs*, *Grounding studs*, *H8X “T” studs*, *TATC Auto-Feed Capacitor Discharge studs*, *TFNC Flanged Capacitor Discharge studs*, *TFTC Flanged Capacitor Discharge studs*, *TUTC Unflanged Capacitor Discharge Studs*, and “W” Top Wide Flange studs.



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

**Example:** *AXC 5mm x 9mm; Mild Steel; 10,000 pieces; #101211120*

D <sub>1</sub>	Minimum L <sub>1</sub>	Minimum L <sub>2</sub>
5	9	6

**MATERIALS:** Studs are available in plated Low Carbon Mild Steel and Stainless Steel. 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.