Weld Studs

Drawn Arc & Capacitor Discharge

Construction Products & Services

What is a Weld Stud?

A weld stud is a specialized fastener used in welding applications to create a permanent bond between a stud and a base material. They are commonly made of materials such as steel, stainless steel, or aluminum, and come in a range of shapes and sizes to suit different applications. Weld studs offer several advantages over traditional fastening methods, including higher strength and better resistance to vibration and shock.

Quality-Driven Excellence

As a trusted vendor of high-quality welding studs, Curtiss-Wright is excited to offer our customers a comprehensive line of weld studs that are engineered for superior performance and durability. Our strategic relationships established with Nelson, Tru-Weld and others have strengthened our supply chain and allowed us to remain steadfast in our promise to deliver exceptional products on time. Our extensive experience supporting the Department of Energy, Department of Defense and nuclear utility markets enables us to provide the latest technology, products and support services to ensure equipment reliability and safety. Curtiss-Wright's commitment to NQA-1, Safety-Class and Safety-Significant quality standards, allows us to streamline the products and solutions you need to get any complex project done correctly.

Types of Weld Studs

- Threaded Studs
  - Partial Thread
  - Full Thread
  - Internal Thread
- Collar Studs
- Deformed Bar Anchors
- Headed Concrete Anchors
- Shear Connectors
- Specialty Application Studs

Quality Standards

- 10CFR50 Appendix B; 10CFR21
- ASME NQA-1
- ASME Section III
- NCA 3800 (QSC)
- ANSI N45.2
- CSA Z299.1, Z299.4 (Canada)
- ISO 9001: 2008
- EPRI NP-5652, TR-102260, TR-017218-R1
- MIL-1-45208, MIL-STD-45662, MIL-STD-271

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