

JOB SITE STUD WELDING



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About Our Products

Jobsite Stud Welding is a industry leader in stud welding installation for a wide variety of applications. Trust our highly experienced personnel to be prompt whether it comes to Field Stud Welding, Embeds and our JSW Stud Rails.

Accreditations : ICC ESR 3264, LADBS FB00052 & FB00052-1 **Codes:** ASTM A1044-16, ACI 318-14 specifications, ACI 421-R

Stud Rails

Punching shear resistor (PSR) studs are large headed shear connectors that are welded to flat steel bars (creating JSW Stud Rails) and used for shear reinforcement in flat concrete slabs to replace stirrups and column capitals to resist the punching shear stress in the slabs. Stud Rails can also be used additionally as bursting steel reinforcement, cross ties, and hold down anchor uplifting steel. Studs of a predetermined length and diameter, according to design specifications are used to extend the column perimeter into the floor or foundation slab.

- JSW Stud Rails help to reduce the amount of reinforcing bar required in an area at the columns relieving congestion resulting in easier and faster installation
- Eliminates the need for stirrups, column capitals and drop panels around columns
- Increase the punching shear capacity at the base of the concrete columns, resulting in a significant reduction in slab thickness and creates a substantial savings in labor and material costs
- JSW Offers our own chairs designed to offer proper support and installation ease

Embeds

JSW Embed Plates are used to help join steel and concrete on many projects. JSW Embed plates are custom made to order and usually ship within 5 days depending on complexity of the customers complexity and supplied shop drawings.



Field Stud Welding

Jobsite Stud Welding specializes in applications of all types of stud welding products, with the ability to quickly mobilize to your shop or job site. We have stud size capabilities of up to 1" in diameter. Our fleet of diesels provides the mobile power required for your stud welding applications.

