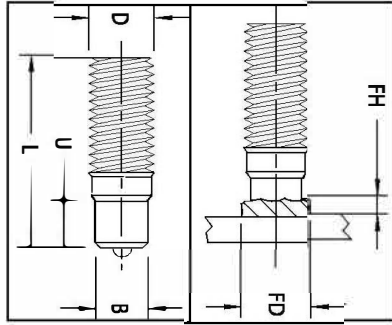




# TRU-FIT PRODUCTS • TRU-WELD

QUALITY WELD STUDS, STUD WELDING EQUIPMENT AND FASTENERS SINCE 1928

Atlanta • Calgary • Chicago • Dallas • Denver • Houston • Las Vegas • Medina • New York City • Salt Lake City • Smithville • Toronto • Vancouver



## THREADED STUD – REDUCED WELD BASE

TYPE T R STUD

TYPE R FERRULE SUPPLIED

| D<br>Stud<br>Diameter | L<br>Length<br>(BW) | TRU-WELD<br>Part Number | B<br>Base<br>Diameter | U<br>Base<br>Length | FD<br>Weld Fillet<br>Diameter | FH<br>Weld Fillet<br>Height | Ferrule<br>Part Number |
|-----------------------|---------------------|-------------------------|-----------------------|---------------------|-------------------------------|-----------------------------|------------------------|
| 3/8-16                | 3/4                 | TR06-012-12             | .310                  | 3/8                 | 7/16                          | 7/64                        | FER06-R                |
| 7/16-14               | 7/8                 | TR07-014-12             | .373                  | 3/8                 | 1/2                           | 1/8                         | FER07-R                |
| 1/2-13                | 7/8                 | TR08-014-12             | .435                  | 7/16                | 19/32                         | 9/64                        | FER08-R                |
| 5/8-11                | 1                   | TR10-016-12             | .500                  | 1/2                 | 11/16                         | 5/32                        | FER10-R                |
| 3/4-10                | 1-3/16              | TR12-019-12             | .625                  | 5/8                 | 7/8                           | 3/16                        | FER12-R                |

**TR Studs** are used in all types of applications. They can be welded to a flat surface, or to the inside or outside of an angle.

**Length:** Length is listed before weld. Stud diameters 1/2" and below will be approx. 1/8" shorter after welding. 5/8" – 3/4" will be approx. 3/16" shorter after welding.

TRU-WELD TR Studs can be made in any length above the standard minimum.

**Material:** Low carbon steel, ASTM A29 / A108, 1010-1020. TR Studs are also available in weldable stainless steel. Type 302 is the most commonly used. Other grades of stainless steel (except Type 303) are available when required

### Mechanical Property Requirements

|                           |                 |
|---------------------------|-----------------|
| Tensile Strength          | 61,000 psi min. |
| Yield Strength            | 49,000 psi min. |
| Elongation (% in 2 in.)   | 17% min.        |
| Elongation (% in 5x dia.) | 14% min.        |
| Reduction of Area         | 50% min.        |

| DIAMETER | CHUCK<br>PART # | Light Duty<br>Standard |             | Light Duty<br>Split |             | Standard<br>Combination |
|----------|-----------------|------------------------|-------------|---------------------|-------------|-------------------------|
|          |                 | FOOT PART #            | GRIP PART # | FOOT PART #         | GRIP PART # | FOOT AND<br>GRIP #      |
| 3/8      | CN-037          | B-1N                   | GN-037      | B-1C                | GC-037      | QN-037                  |
| 7/16     | CN-043          | B-1N                   | GN-043      | B-1C                | GC-043      | QN-044                  |
| 1/2      | CN-050          | B-1N                   | GN-050      | B-1C                | GC-050      | QN-050                  |
| 5/8      | CN-062          | B-2N                   | GN-062      | B-2C                | GC-062      | QN-062                  |
| 3/4      | CN-075          | B-2N                   | GN-075      | B-2C                | GC-075      | QN-075                  |