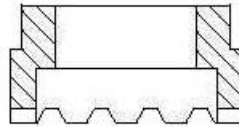
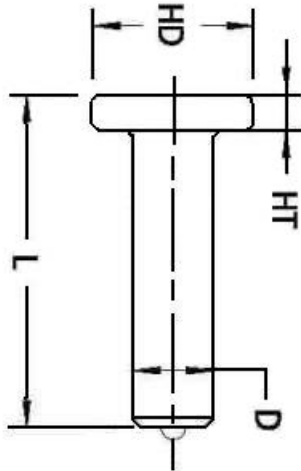


STUD WELDING PRODUCTS, INC.



Headed Shear Connector Stud

Size: 1 X 7-1/4"



(Ferrule)

Headed Anchor Studs are used in all types of concrete connections. They can be welded to a flat surface, or to the inside or outside of an angle.

Ferrules: All orders for studs include required ferrules

Length: Length is before weld. Stud diameters (D) 1/2" and below will be approximately 1/8" shorter after stud welding. 5/8"-7/8" will be approximately 3/16" shorter after stud welding. 1" will be approximately 1/4" shorter after stud welding.

Made to order lengths are available upon request

| Mechanical Property Requirements | | |
|---|----------------|----------------|
| | Type A | Type B |
| Tensile Strength | 61,000 psi min | 65,000 psi min |
| Yield Strength | 49,000 psi min | 51,000 psi min |
| Elongation (% in 2") | 17% min | 20% min |
| Elongation(% in 5x dia) | 14% min | 15% min |
| Reduction of Area | 50% min | 50% min |
| Type A Studs are general purpose studs Type B Studs are headed, bent, or of other configuration that are used as essential component in composite beam design. | | |

| Stud Specification | |
|---------------------------------|--|
| Material | Low Carbon Steel (1010-1020) ASTM A29 ASTM A108 |
| Stud Diameter (D) | 1" |
| Stud Standard Length (L) | 7-1/4 |
| Stud Head Diameter (HD) | 1-5/8 |
| Stud Head Thickness (HT) | 1/2 |
| Stud Part # | HSC 1 714 |
| Ferrule Part # | FER16-F |

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