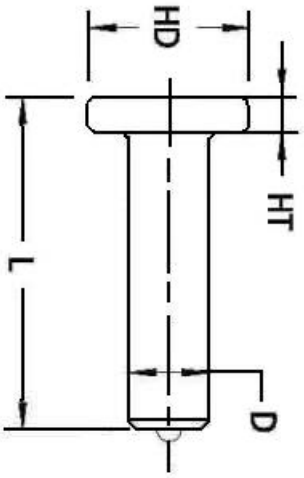
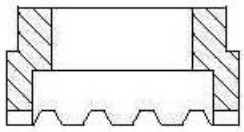
STUD WELDING PRODUCTS, INC.

Headed Shear Connector Stud





(Ferrule)

Size: ¾ x 6-7/8

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)	3/4"
Stud Standard Length (L)	6-7/8
Stud Head Diameter (HD)	1-1/4
Stud Head Thickness (HT)	3/8
Stud Part #	HSC 34 678
Ferrule Part #	FER12-TD

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