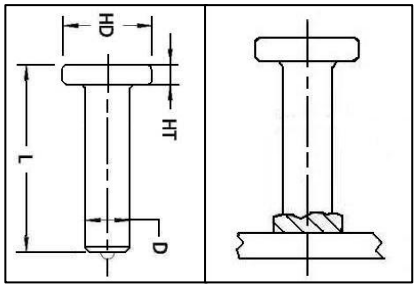
TRU-WELD Stud Welding



THRU-DECK SHEAR CONNECTOR

TYPE **DSC** STUD

TYPE F FERRULE SUPPLIED

Head Diameter (HD) – 1-1/4" for all 3/4" Thru-Deck Shear Connectors.
Head Height (HT) – 3/8" for all 3/4" Thru-Deck Shear Connectors.

WELD STUD SPECIFICATIONS			WELD STUD PACKAGING			WELD STUD WEIGHTS		
D Diameter	**L** Length	**TRU-WELD** Part Number	**Pieces Per Box**	**Boxes Per Pallet**	**Pieces Per Pallet**	**Box Weight**	**Pallet Weight**	**1,000 Piece Weight**
3/4	3-3/8	DSC12-054-11	125	48	6,000	62 lbs.	2,976 lbs.	500 lbs.
3/4	3-7/8	DSC12-062-11	100	48	4,800	58 lbs.	2,784 lbs.	567 lbs.
3/4	4-3/8	DSC12-070-11	100	48	4,800	62 lbs.	2,976 lbs.	634 lbs.
3/4	4-7/8	DSC12-078-11	75	48	3,600	51 lbs.	2,448 lbs.	701 lbs.
3/4	5-3/8	DSC12-086-11	60	48	2,880	45 lbs.	2,160 lbs.	754 lbs.
3/4	5-7/8	DSC12-094-11	60	48	2,880	49 lbs.	2,352 lbs.	810 lbs.
3/4	6-3/8	DSC12-102-11	60	48	2,880	53 lbs.	2,544 lbs.	883 lbs.

Thru-Deck Shear Connectors 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.

Length: Length is listed before weld. Stud diameters 3/4" will be approx. 3/16" shorter after weld.

TRU-WELD thru-deck shear connectors can be made in any length above the standard minimum.

Material: Low carbon steel, ASTM A29, 1010-1020. DSC Studs are also available in weldable stainless steel. Type 302 is the most commonly used.

CHUCK PART #	THRU-DECK FOOT ASSEMBLY	THRU-DECK FERRULE GRIP
CH-075	B-0021-1A	B-0060-1
	B-0021-1P	

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 in.)	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 an essential component in composite beam design and construction.

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