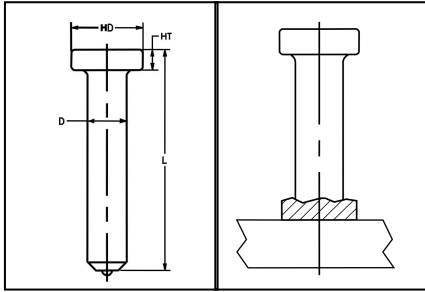




# TRU-FIT PRODUCTS • TRU-WELD

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



## SHEAR CONNECTOR – FULL WELD BASE

(3/4" THRU DECK SHEAR CONNECTORS ON NEXT PAGE)

TYPE **SC** STUD

TYPE F FERRULE SUPPLIED

Head Diameter (HD) – 1-1/4" for all 3/4 headed Shear Connectors.

Head Height (HT) – 3/8" for all 3/4 headed Shear Connectors.

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	2.20	SC12-036-11	200	48	9,600	71 lbs.	3,408 lbs.	355 lbs.
3/4	3-3/16	SC12-051-11	125	48	6,000	60 lbs.	2,880 lbs.	480 lbs.
3/4	3-11/16	SC12-059-11	100	48	4,800	54 lbs.	2,592 lbs.	540 lbs.
3/4	4-3/16	SC12-067-11	100	48	4,800	60 lbs.	2,880 lbs.	600 lbs.
3/4	4-11/16	SC12-075-11	75	48	3,600	50 lbs.	2,400 lbs.	667 lbs.
3/4	5-3/16	SC12-083-11	60	48	2,880	44 lbs.	2,112 lbs.	734 lbs.
3/4	5-11/16	SC12-091-11	60	48	2,880	48 lbs.	2,304 lbs.	800 lbs.
3/4	6-3/16	SC12-099-11	60	48	2,880	51 lbs.	2,448 lbs.	850 lbs.
3/4	6-11/16	SC12-107-11	70	27	1,890	64 lbs.	1,728 lbs.	914 lbs.
3/4	7-3/16	SC12-115-11	60	27	1,620	59 lbs.	1,593 lbs.	983 lbs.
3/4	8-3/16	SC12-131-11	50	27	1,350	54 lbs.	1,458 lbs.	1,080 lbs.
3/4	9-3/16	SC12-147-11	100	9	900	123 lbs.	1,107 lbs.	1,230 lbs.
3/4	10-3/16	SC12-163-11	100	9	900	137 lbs.	1,233 lbs.	1,370 lbs.
3/4	12-3/16	SC12-195-11	1,000	1	1,000	1,590 lbs.	1,590 lbs.	1,590 lbs.
3/4	16-3/16	SC12-259-11	700	1	700	1,457 lbs.	1,457 lbs.	2,081 lbs.

**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 shear connectors can be made in any length above the standard minimum.

**Material:** Low carbon steel, ASTM A29 / A108, 1010-1020. SC Studs are also available in weldable stainless steel. Type 302 is the most commonly used.

CHUCK PART #	FOOT PART #	GRIP PART #	FERRULE FOOT PLATE (DUAL LEG)
CH-075	B-2C	GC-075	QN-075

### Mechanical Property Requirements

	Type
Tensile Strength	65,000 min.
Yield Strength	51,000 min.
Elongation (% in 2 in.)	20% m
Elongation (% in 5x dia.)	15% m
Reduction of Area	50% m

Type B Studs are headed, bent, or of other configuration that used as an essential component in composite beam design and construction.