

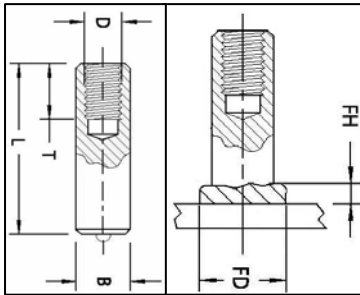


TRU-WELD Stud Welding

INTERNALLY TAPPED STUD – FULL WELD BASE

TYPE IT STUD

TYPE F FERRULE SUPPLIED



B Stud Diameter	D Tap Diameter	L Length (BW)	T Tap Depth	TRU-WELD Part Number	FD Weld Fillet Diameter	FH Weld Fillet Height	Ferrule Part Number
1/4	#8-32	5/8	1/4	IT04-010-11-IC-004	23/64	7/64	FER04-F
5/16	#10-24	5/8	5/16	IT05-010-11-KF-005	7/16	7/64	FER05-F
3/8	1/4-20	13/16	3/8	IT06-013-11-04-006	1/2	1/8	FER06-F
7/16	5/16-18	1	1/2	IT07-016-11-05-008	19/32	9/64	FER07-F
1/2	3/8-16	1-1/8	9/16	IT08-018-11-06-009	11/16	5/32	FER08-F
5/8	7/16-14	1-3/16	5/8	IT10-019-11-07-010	7/8	3/16	FER10-F
3/4	1/2-13	1-7/16	3/4	IT12-023-11-08-012	1-1/16	1/4	FER12-F
7/8	5/8-11	1-5/8	15/16	IT14-026-11-10-015	1-1/8	5/16	FER14-F
1	3/4-10	2-1/4	1-1/8	IT16-036-11-12-018	1-3/8	3/8	FER16-F

Tapped 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. Diameters 1/2" and below will be approx. 1/8" shorter after weld. 5/8" and above will be 3/16" shorter. TRU-WELD IT Studs can be made in any length above the standard minimum.

Material: Low Carbon Steel, ASTM A29, 1010-1020. IT Studs are also available in weldable stainless steel.

Mechanical Property Requirements	
Tensile Strength	60,000 psi min.
Yield Strength	50,000 psi min.
Elongation (% in 2 in.)	17% min.
Elongation (% in 5x dia.)	14% min.
Reduction of Area	50% min.

DIAMETER	CHUCK PART #	Light Duty Standard		Light Duty Split		Standard Combination
		FOOT PART #	GRIP PART #	FOOT PART #	GRIP PART #	FOOT AND GRIP #
1/4	CN-025	B-1N	GN-025	B-1C	GC-025	QN-025
5/16	CN-031	B-1N	GN-031	B-1C	GC-031	QN-031
3/8	CN-037	B-1N	GN-050	B-1C	GC-050	QN-050
7/16	CN-043	B-1N	GN-043	B-1C	GC-043	QN-044
1/2	CN-050	B-1C	GN-062	B-2C	GC-062	QN-062
5/8	CN-062	B-1C	GN-075	B-2C	GC-075	QN-075
3/4	CN-075	B-1C	GN-075	B-2C	GC-075	QN-075
7/8	CN-087	B-3N	GN-087	B-3C	GC-087	QN-087
1	CN-100	B-3N	GN-100	B-3C	GC-100	QN-100