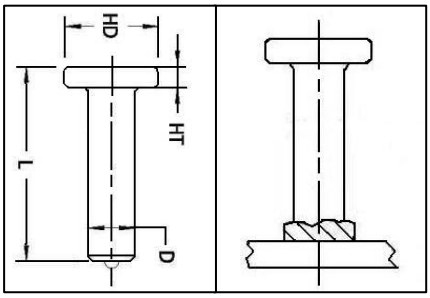
TRU-WELD Stud Welding

HEADED CONCRETE ANCHOR – FULL WELD BASE



TYPE **CA** STUD
TYPE F FERRULE SUPPLIED

Head Diameter (HD) – 1/2" for all 1/4" Headed Concrete Anchors.
Head Height (HT) – 3/16" for all 1/4" Headed Concrete Anchors.

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**
1/4	1-1/8	CA04-018-11	2,000	27	54,000	48 lbs.	1,296 lbs.	22 lbs.
1/4	2-11/16	CA04-043-11	1,000	27	27,000	45 lbs.	1,215 lbs.	43 lbs.
1/4	3-1/8	CA04-050-11	1,000	27	27,000	51 lbs.	1,377 lbs.	50 lbs.
1/4	4-1/8	CA04-066-11	600	27	16,200	38 lbs.	1,026 lbs.	63 lbs.

Concrete Anchors 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 1/4" will be approx. 1/8" shorter after welding.
TRU-WELD concrete anchors can be made in any length above the standard minimum.
Material: Low carbon steel, ASTM A29, 1010-1020. CA Studs are also available in weldable stainless steel. Type 302 is the most commonly used. Other grades of stainless steel (except Type 303) are available when required.

CHUCK PART #	FOOT PART #	GRIP PART #	FERRULE FOOT PLAT (DUAL LEG)
CN-050	B-1C	GC-025 (Standard Duty)	QN-025 (Standard Duty)
	B-1C	GC-037 (Heavy Duty)	QN-037 (Heavy Duty)

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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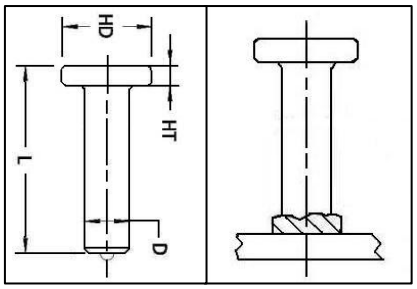

TYPE **CA** STUD
TYPE F FERRULE SUPPLIED

Diameter (HD) – 3/4" for all 3/8" Headed Concrete Anchors.
Head Height (HT) – 9/32" for all 3/8" Headed Concrete Anchors.

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**
3/8	1-3/8	CA06-022-11	1,000	27	27,000	70 lbs.	1,890 lbs.	68 lbs.
3/8	1-5/8	CA06-026-11	1,000	27	27,000	79 lbs.	2,133 lbs.	77 lbs.
3/8	2-1/8	CA06-034-11	700	27	18,900	67 lbs.	1,809 lbs.	92 lbs.
3/8	2-5/8	CA06-042-11	600	27	16,200	66 lbs.	1,782 lbs.	111 lbs.
3/8	3-1/8	CA06-050-11	500	27	13,500	62 lbs.	1,674 lbs.	124 lbs.
3/8	4-1/8	CA06-066-11	350	27	9,450	55 lbs.	1,485 lbs.	154 lbs.
3/8	5-1/8	CA06-082-11	300	27	8,100	56 lbs.	1,512 lbs.	185 lbs.
3/8	6-1/8	CA06-098-11	200	27	5,400	44 lbs.	1,188 lbs.	212 lbs.
3/8	8-1/8	CA06-130-11	250	9	2,250	69 lbs.	1,863 lbs.	274 lbs.

Concrete Anchors 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 3/8" will be approx. 1/8" shorter after welding. TRU-WELD concrete anchors can be made in any length above the standard minimum.

Material: Low carbon steel, ASTM A29, 1010-1020. CA 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-037	B-1C	GC-037 (Standard Duty)	QN-037 (Standard Duty)
	B-1C	GC-050 (Heavy Duty)	QN-050 (Heavy Duty)

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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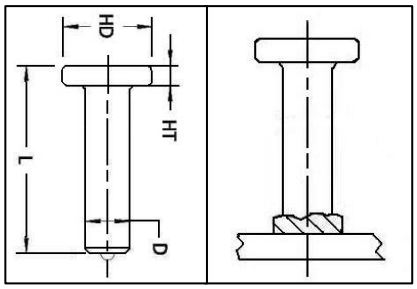

TYPE **CA** STUD
TYPE F FERRULE SUPPLIED

Head Diameter (HD) – 1" for all 1/2" Headed Concrete Anchors.
Head Height (HT) – 5/16" for all 1/2" Headed Concrete Anchors.

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**
1/2	1-1/8	CA08-018-11	600	27	16,200	68 lbs.	1,836 lbs.	112 lbs.
1/2	1-1/2	CA08-024-11	500	27	13,500	68 lbs.	1,836 lbs.	132 lbs.
1/2	1-5/8	CA08-026-11	450	27	12,150	64 lbs.	1,728 lbs.	138 lbs.
1/2	2-1/8	CA08-034-11	400	27	10,800	67 lbs.	1,809 lbs.	166 lbs.
1/2	2-5/8	CA08-042-11	350	27	9,450	71 lbs.	1,917 lbs.	198 lbs.
1/2	3-1/8	CA08-050-11	300	27	8,100	68 lbs.	1,836 lbs.	223 lbs.
1/2	4-1/8	CA08-066-11	200	27	5,400	56 lbs.	1,512 lbs.	277 lbs.
1/2	5-5/16	CA08-085-11	150	27	4,050	52 lbs.	1,404 lbs.	339 lbs.
1/2	6-1/8	CA08-098-11	125	27	3,375	49 lbs.	1,323 lbs.	388 lbs.
1/2	8-1/8	CA08-130-11	100	27	2,700	50 lbs.	1,350 lbs.	495 lbs.
1/2	10-1/8	CA08-162-11	150	9	1,350	91 lbs.	819 lbs.	606 lbs.
1/2	12-1/8	CA08-194-11	1,500	1	1,500	1,059 lbs.	1,059 lbs.	706 lbs.

Concrete Anchors 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 1/2" will be approx. 1/8" shorter after welding. TRU-WELD concrete anchors can be made in any length above the standard minimum.
Material: Low carbon steel, ASTM A29, 1010-1020. CA 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-050	B-1C	GC-050 (Standard Duty)	QN-050 (Standard Duty)
	B-2C	GC-062 (Heavy Duty)	QN-062 (Heavy Duty)

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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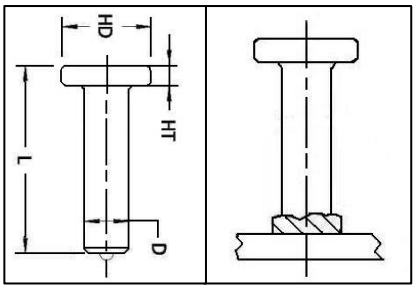

TYPE **CA** STUD
TYPE F FERRULE SUPPLIED

Head Diameter (HD) – 1-1/4" for all 5/8" Headed Concrete Anchors.
Head Height (HT) – 5/16" for all 5/8" Headed Concrete Anchors.

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**
5/8	1-7/16	CA10-023-11	400	27	10,800	85 lbs.	2,295 lbs.	208 lbs.
5/8	1-11/16	CA10-027-11	325	27	8,775	77 lbs.	2,079 lbs.	227 lbs.
5/8	1-15/16	CA10-031-11	300	27	8,100	78 lbs.	2,106 lbs.	248 lbs.
5/8	2-1/8	CA10-034-11	250	27	6,750	68 lbs.	1,836 lbs.	264 lbs.
5/8	2-3/16	CA10-035-11	250	27	6,750	71 lbs.	1,917 lbs.	270 lbs.
5/8	2-11/16	CA10-043-11	250	27	6,750	81 lbs.	2,187 lbs.	319 lbs.
5/8	3-3/16	CA10-051-11	200	27	5,400	75 lbs.	2,025 lbs.	363 lbs.
5/8	3-11/16	CA10-059-11	150	27	4,050	75 lbs.	1,674 lbs.	398 lbs.
5/8	4-3/16	CA10-067-11	150	27	4,050	62 lbs.	1,863 lbs.	444 lbs.
5/8	4-11/16	CA10-075-11	125	27	3,375	69 lbs.	1,701 lbs.	487 lbs.

Concrete Anchors 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 5/8" will be approx. 3/16" shorter after welding. TRU-WELD concrete anchors can be made in any length above the standard minimum.
Material: Low carbon steel, ASTM A29, 1010-1020. CA 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-062 (Standard Duty)	QN-062 (Standard Duty)
	B-2C	GC-075 (Heavy Duty)	QN-075 (Heavy Duty)

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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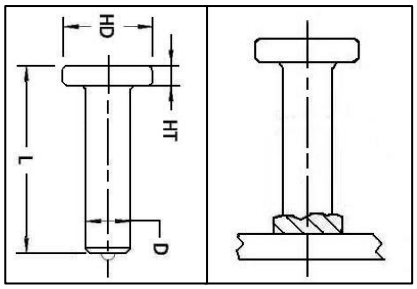

TYPE **CA** STUD
TYPE F FERRULE SUPPLIED

Head Diameter (HD) – 1-1/4" for all 5/8" Headed Concrete Anchors.
Head Height (HT) – 5/16" for all 5/8" Headed Concrete Anchors.

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**
5/8	5-3/16	CA10-083-11	100	27	2,700	53 lbs.	1,431 lbs.	530 lbs.
5/8	6-9/16	CA10-105-11	80	27	2,160	52 lbs.	1,404 lbs.	650 lbs.
5/8	8-3/16	CA10-131-11	50	27	1350	40 lbs.	1080 lbs.	800 lbs.
5/8	9-3/16	CA10-147-11	125	9	1125	109 lbs.	981 lbs.	872 lbs.
5/8	10-3/16	CA10-16311	100	9	900	97 lbs.	873 lbs.	970 lbs.

Concrete Anchors 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 5/8" will be approx. 3/16" shorter after welding. TRU-WELD concrete anchors can be made in any length above the standard minimum.
Material: Low carbon steel, ASTM A29, 1010-1020. CA 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-062 (Standard Duty)	QN-062 (Standard Duty)
	B-2C	GC-075 (Heavy Duty)	QN-075 (Heavy Duty)

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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