

**Weld Studs Cont.**

**Stainless Steel Non-Flanged Capacitor Discharge Weld Studs**

Non-flanged Capacitor Discharge (CD) studs are just like standard flanged CD welds studs without the flange. Use non-flanged studs in applications where fit up of the mating part is absolutely critical. Otherwise, always use standard CD studs as cost and availability are almost always better.

- Stainless steel weld studs provide excellent protection against rust and corrosion.

Stainless Steel		
Diameter	Thread Size	Length
#4	40	1/4"
#4	40	3/8"
#4	40	1/2"
#4	40	5/8"
#4	40	3/4"
#6	32	1/4"
#6	32	5/16"
#6	32	3/8"
#6	32	1/2"
#6	32	5/8"
#6	32	3/4"
#6	32	7/8"
#6	32	1"
#6	32	1-1/4"
#6	32	1-1/2"
#8	32	1/4"
#8	32	5/16"
#8	32	3/8"
#8	32	1/2"
#8	32	5/8"
#8	32	3/4"
#8	32	7/8"
#8	32	1"
#8	32	1-1/4"
#8	32	1-1/2"
#8	32	2"
#10	24	1/4"
#10	24	5/16"
#10	24	3/8"
#10	24	1/2"
#10	24	5/8"
#10	24	3/4"
#10	24	1"
#10	24	1-1/4"
#10	24	1-1/2"
#10	24	2"
#10	32	1/4"
#10	32	5/16"
#10	32	3/8"
#10	32	1/2"
#10	32	5/8"
#10	32	3/4"
#10	32	1"
#10	32	1-1/4"
#10	32	1-1/2"
#10	32	2"
#10	32	1-1/4"
#10	32	1-1/2"
#10	32	2"
1/4"	20	3/8"
1/4"	20	1/2"
1/4"	20	5/8"
1/4"	20	3/4"
1/4"	20	7/8"
1/4"	20	1"
1/4"	20	1-1/4"
1/4"	20	1-1/2"
1/4"	20	1-3/4"
1/4"	20	2"
1/4"	20	2-1/2"
5/16"	18	1/2"
5/16"	18	3/4"
5/16"	18	1"
5/16"	18	1-1/4"
5/16"	18	1-1/2"

**Mild Steel Collar Arc Weld Studs**



A Collar Stud has a flange or collar formed in the middle of the fastener. This style of weld stud has many uses. It can be used as a stand off to set one metal sheet above another. Often, this style stud can be used when others are being considered. For example, a Collar Stud can replace Shoulder Studs and internally Tapped Studs in many applications. The advantage is that Collar Studs are less costly than other types of studs in similar sizes.

Mild Steel				
Diameter	Collar Length	Base Diameter	Thread Size	Thread Length
1/4"	1"	0.215"	20	5/8"
1/4"	1-3/8"	0.215"	20	1/2"
5/16"	1/2"	0.275"	18	5/8"
5/16"	1-1/8"	0.275"	18	5/8"
5/16"	1-5/8"	0.275"	18	5/8"
3/8"	1/2"	0.330"	16	5/8"
3/8"	5/8"	0.330"	16	5/8"
3/8"	5/8"	0.330"	16	1"
3/8"	3/4"	0.330"	16	3/4"
3/8"	7/8"	0.330"	16	5/8"
3/8"	1"	0.330"	16	5/8"
3/8"	1-1/8"	0.330"	16	3/4"
3/8"	2-1/8"	0.330"	16	1"
1/2"	5/8"	0.446"	13	3/4"
1/2"	2-1/2"	0.446"	13	5/8"

**Stainless Steel Collar Arc Weld Studs**



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- Stainless steel weld studs provide excellent protection against rust and corrosion.

18-8						316	
Diameter	Collar Length	Base Diameter	Thread Size	Thread Length	Part No.	Part No.	
1/4"	5/8"	0.215"	20	1/2"	11110745	-	
1/4"	1"	0.215"	20	5/8"	11110743	-	
3/8"	1-1/8"	0.330"	16	5/8"	11110749	-	
3/8"	1-7/8"	0.330"	16	3/4"	-	11110764	

**Mild Steel No Thread Arc Weld Studs**



No Thread Studs simply do not have any threads. There are many uses for a No Thread Stud which include: stops, handles, locators etc. One item to note on No Thread Studs is that the body is the full dimension. A 1/2 inch NT is 1/2 inch in diameter whereas a 1/2 inch Pitch Diameter Stud is only .446 inch in diameter in the unthreaded portion. Many different features can be put into a No Thread Stud such as grooves for retaining clips or springs, cross drilled holes, slots, etc.

Mild Steel			
Diameter	Thread Size	Length	Part No.
1/4"	20	1"	11110911
3/8"	16	1"	11110913
3/8"	16	2"	11110915

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Stainless Steel			
Diameter	Thread Size	Length	Part No.
1/4"	20	3/4"	11110922

**Stainless Steel Full Thread Arc Weld Studs**



Full Thread Studs are one of the two most common studs. The threads on a Full Thread Stud run the full length of the fastener (hence full thread). This simplifies many mating part concerns and is a favorite of engineering. A Pitch Diameter Stud requires that the mating part(s) cover the unthreaded portion of the fastener.

- Stainless steel weld studs provide excellent protection against rust and corrosion.

18-8			316	
Diameter	Thread Size	Length	Part No.	Part No.
1/4"	20	5/8"	11110857	-
1/4"	20	3/4"	11110858	-
1/4"	20	7/8"	-	11110890
1/4"	20	1"	11110847	11110889
1/4"	20	1-1/8"	11110848	-
1/4"	20	1-1/4"	11110849	-
1/4"	20	1-3/8"	11110850	-
1/4"	20	1-1/2"	11110851	-
1/4"	20	2"	11110855	-
5/16"	18	3/4"	11110866	-
5/16"	18	7/8"	11110867	-
5/16"	18	1"	11110860	-
5/16"	18	1-1/8"	11110861	-
5/16"	18	1-1/2"	11110864	-
3/8"	16	7/8"	11110879	-
3/8"	16	1"	11110868	11110896
3/8"	16	1-1/8"	11110869	11110892
3/8"	16	1-1/4"	11110870	11110893
3/8"	16	1-3/8"	11110871	-
3/8"	16	1-1/2"	11110872	-
3/8"	16	1-5/8"	11110873	-
3/8"	16	1-3/4"	11110874	-
3/8"	16	2"	11110875	-
3/8"	16	2-1/2"	11110876	-
3/8"	16	3"	11110877	-
1/2"	13	1"	11110880	-
1/2"	13	1-1/4"	11110882	-
1/2"	13	1-3/8"	11110883	-
1/2"	13	1-1/2"	11110884	11110901
1/2"	13	1-5/8"	-	11110902
1/2"	13	2"	11110885	-
M10	1.5	25mm	11110846	-