

# ARC WELD Studs

## Tapped Stud Mild Steel

	BODY DIAMETER					
	1/4	5/16	3/8	1/2	5/8	3/4
<b>Example Part No.</b>	TPC3775-2537	TPC3775-2537	TPC3775-2537	TPC3775-2537	TPC3775-2537	TPC3775-2537
<b>Tap Size</b>	#8-32	#10-24	1/4-20	3/8-16	1/2-13	5/8-11
<b>Min Body Length</b>	.625"	.625"	.625"	1"	1.625"	1.625"
<b>Max Length</b>	Most sizes are made to order.					
<b>Max Tap Depth</b>	Length - .250"	Length - .250"	Length - .250"	Length - .250"	Length - .375"	Length - .375"
<b>After Weld Length Reduction (approx)</b>	.12"	.12"	.12"	.12"	.19"	.19"

STANDARD ACCESSORIES						
<b>Chuck</b>	C25	C31	C37	C50	C62	C75
<b>Grip</b>	G25	G31	G37	G50	G62	G75
<b>Foot</b>	FTS20	FTS20	FTS20	FTS20	FTM20	FTM20
<b>Ferrule</b>	25F	31F	37F	50F	62F	75F

MECHANICAL PROPERTIES						
(see appendix tables for calculation details particularly when comparing different manufacturers)						
<b>Min Yield Tensile</b>	2,454 lb	3,835 lb	5,522 lb	9,817 lb	15,340 lb	22,089 lb
<b>Min Yield Shear</b>	1,416 lb	2,213 lb	3,186 lb	5,665 lb	8,851 lb	12,746 lb

An internally Tapped Stud, or Tapped Pad is a no thread stud which has a blind tap hole. This stud is used when the mating part must be attached with a bolt / threaded projection rather than a nut. This stud can be manufactured in a variety of size / length configurations. Most Tap Pads are made to order.

If you are looking for an attachment boss, consider using a Collar Stud and nut combination for a cost / delivery savings.



### IMAGE INDUSTRIES INC.

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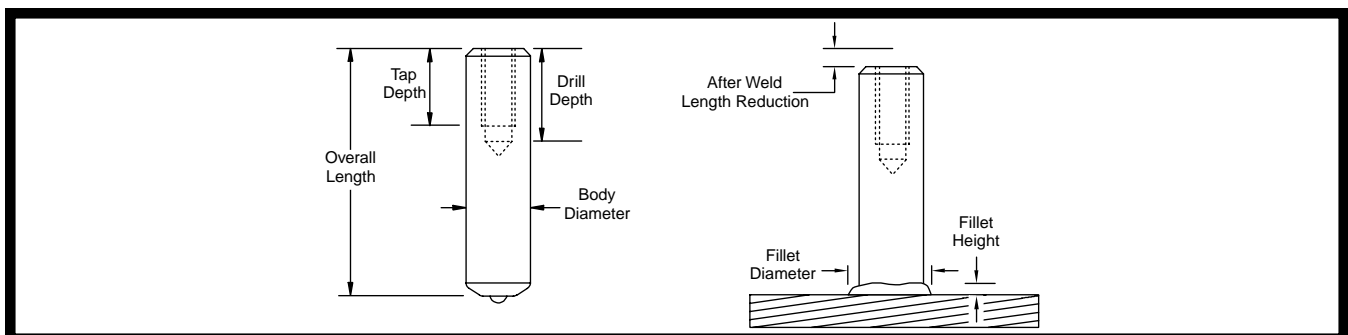
## Tapped Stud Stainless Steel

DRAWN ARC WELD STUD

	BODY DIAMETER					
	1/4	5/16	3/8	1/2	5/8	3/4
<b>Example Part No.</b>	TPC3775-2537	TPC3775-2537	TPC3775-2537	TPC3775-2537	TPC3775-2537	TPC3775-2537
<b>Tap Size</b>	#8-32	#10-24	1/4-20	3/8-16	1/2-13	5/8-11
<b>Min Body Length</b>	.625"	.625"	.625"	1"	1.625"	1.625"
<b>Max Length</b>	Most sizes are made to order.					
<b>Max Tap Depth</b>	Length - .250"	Length - .250"	Length - .250"	Length - .250"	Length - .375"	Length - .375"
<b>After Weld Length Reduction (approx)</b>	.12"	.12"	.12"	.12"	.19"	.19"

STANDARD ACCESSORIES						
<b>Chuck</b>	C25	C31	C37	C50	C62	C75
<b>Grip</b>	G25	G31	G37	G50	G62	G75
<b>Foot</b>	FTS20	FTS20	FTS20	FTS20	FTM20	FTM20
<b>Ferrule</b>	25F	31F	37F	50F	62F	75F

MECHANICAL PROPERTIES						
(see appendix tables for calculation details particularly when comparing different manufacturers)						
<b>Min Yield Tensile</b>	1,473 lb	2,301 lb	3,313 lb	5,890 lb	9,204 lb	13,254 lb
<b>Min Yield Shear</b>	850 lb	1,328 lb	1,912 lb	3,399 lb	5,311 lb	7,647 lb



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