



**Midwest Fasteners**  
 450 Richard St.  
 Miamisburg, OH 45342  
 Website: [www.midwestfasteners.com](http://www.midwestfasteners.com)

**Toll Free:** (800) 852-8352  
**Phone:** (937) 866-0463  
**Fax:** (937) 866-4174  
**Email:** [sales@midwestfasteners.com](mailto:sales@midwestfasteners.com)

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## STANDARD THREAD ARC WELD STUDS

D	Min. L	BD	Min. BL	FD	FH	Ferrule Code
1/4	3/4	0.215	0.375	0.312	0.093	P250
5/16	3/4	0.275	0.375	0.406	0.109	P312
3/8	3/4	0.330	0.390	0.468	0.109	P375
7/16	3/4	0.387	0.437	0.531	0.125	P347
1/2	7/8	0.446	0.500	0.593	0.156	P500
5/8	1	0.562	0.625	0.750	0.187	P625
3/4	1-1/4	0.680	0.796	0.920	0.250	P750
7/8	1-3/8	0.798	0.859	1.046	0.312	P875
1"	1-1/2	0.913	0.921	1.187	0.375	P1000

### Materials

#### Low Carbon Steel

C - 0.23% max. P - 0.04% max.  
 Mn - 0.90% max. S - 0.05% max.

#### Stainless Steel

AlSI grade - 302/304/305 std.  
 Other grades available upon request.

### Mechanical Properties

#### Low Carbon Steel

Tensile - 60,000 psi (min.)  
 Yield - 50,000 psi (min.)  
 Elongation - 20% (in 2 inches)

#### Stainless Steel

Values for various grades available upon request.

### Plating

#### Low Carbon Steel

Plating is not standard.  
 Copper, nickel, and zinc available upon customer request.

#### Stainless Steel

Does not apply to Stainless.

### Ferrules

Ferrules are component parts of studs. Not sold separately.

### Threads

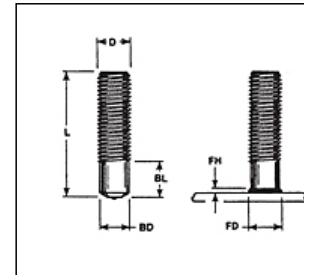
Standard thread is UNC-2A (Rolled when possible), other threads are available upon request.  
 Maximum standard thread length is 3-7/8".

### Compliances & Standards

MIL-S-24149 (Military Specification: Studs, Welding and Arc Shields (Ferrules))

Please click the [Request Information](#) button to configure your [Standard Thread Arc Weld Studs](#).

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Arc  
Weld  
Studs

## Ferrules

Ferrules

Code	B	D	E	M	Part No.
P250	0.380	0.455	0.125	0.250	092 0008 06
P312	0.445	0.535	0.125	0.250	092 0008 07

P375	0.505	0.595	0.125	0.265	092 0008 08
P347	0.585	0.675	0.156	0.329	092 0008 09
P500	0.650	0.740	0.156	0.362	092 0008 10
P625	0.785	0.906	0.156	0.433	092 0008 11
P750	1.030	1.150	0.187	0.526	092 0008 12
P875	1.203	1.330	0.187	0.593	092 0008 13
P1000	1.406	1.500	0.187	0.593	092 0008 14