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## TAPPED FULL BASE ARC WELD STUDS

D	Min. L	TD	TL*	Max. FD	Max. FH	Ferrule Code
1/4	9/16	8-32	1/4	0.359	0.109	F250
5/16	21/32	10-24	9/32	0.437	0.109	F312
3/8	13/16	1/4-20	3/8	0.500	0.125	F375
7/16	29/32	5/16-18	15/32	0.578	0.140	F437
1/2	1-1/32	3/8-16	9/16	0.625	0.156	F500
5/8	1-9/32	3/8-16	9/16	0.625	0.156	F500
3/4	1-3/8	1/2-13	3/4	0.937	0.250	F750
7/8	1-5/8	5/8-11	15/16	1.093	0.312	F875

\* Maximum standard tap depth equals 1-1/2 times tap diameter.

### Materials

#### Low Carbon Steel

C - 0.23% max. P - 0.04% max.

Mn - 0.90% max. S - 0.05% max.

#### Stainless Steel

AISI 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.

### Taps

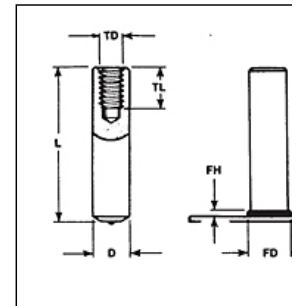
Standard tap is UNC-2B, other taps are available.

### Compliances & Standards

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

Please click the [Request Information](#) button to configure your Tapped Full Base Arc Weld Studs.

Arc  
Weld  
Studs



[less](#)

## Ferrules

Ferrules

Code	B	D	E	M	Part No.
F250	0.380	0.455	0.156	0.390	092 0005 06
F312	0.445	0.578	0.156	0.390	092 0005 07
F375	0.505	0.640	0.156	0.390	092 0005 08
F437	0.585	0.703	0.188	0.422	092 0005 09

F500	0.650	0.795	0.188	0.438	092 0005 10
F625	0.785	1.030	0.188	0.516	092 0005 11
F750	1.030	1.218	0.188	0.656	092 0005 12
F875	1.203	1.406	0.188	0.732	092 0005 13