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THREADED SHOULDER ARC WELD STUDS

D	Min. L	TD	Max. TL	FD	FH	Ferrule Code
1/4	0.312	#8	0.437	0.359	0.109	F250
5/16	0.375	#10	0.500	0.437	0.109	F312
3/8	0.375	1/4	0.750	0.500	0.125	F375
7/16	0.437	5/16	0.875	0.578	0.140	F437
1/2	0.500	3/8	1.000	0.627	0.156	F500
5/8	0.625	1/2	1.250	0.796	0.187	F625
3/4	0.625	5/8	1.625	0.937	0.250	F750
7/8	0.750	3/4	1.875	1.093	0.312	F875

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

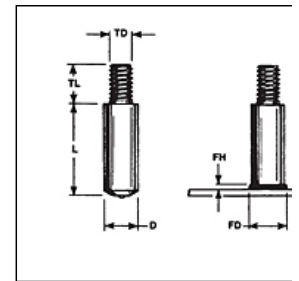
Ferrules are component parts of studs. Not sold separately.

Threads

Standard thread is UNC-2A (Rolled when possible), other threads available upon request.

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

Arc
Weld
Studs



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

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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