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LONG REDUCED BASE ARC WELD STUDS

D	Min. L	BD	Min. BL	FD	FH	Ferrule Code
1/4	3/4	0.187	0.375	0.281	0.109	FS187
5/16	3/4	0.250	0.375	0.359	0.125	FS250
3/8	3/4	0.312	0.375	0.437	0.125	FS312
7/16	1	0.375	0.375	0.500	0.140	FS375
1/2	1	0.437	0.437	0.578	0.140	FS437
5/8	1-1/4	0.500	0.500	0.656	0.156	FS500
3/4	1-1/2	0.625	0.718			FS625

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

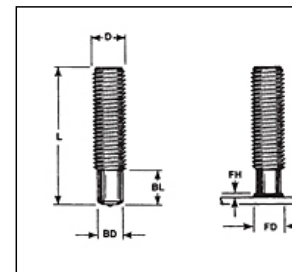
Ferrules are component parts of studs. Not sold separately.

Threads

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

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

Arc
Weld
Studs



Ferrules

Ferrules

Code	B	D	E	M	Part No.
FS187	0.305	0.390	0.125	0.250	092 0004 05
FS250	0.380	0.455	0.125	0.250	092 0004 06
FS312	0.505	0.595	0.125	0.250	092 0004 07
FS375	0.585	0.675	0.125	0.250	092 0004 08
FS437	0.650	0.740	0.156	0.281	092 0004 09

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FS500	0.785	0.875	0.156	0.281	092 0004 10
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FS625	0.921	1.030	0.187	0.375	092 0004 11
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