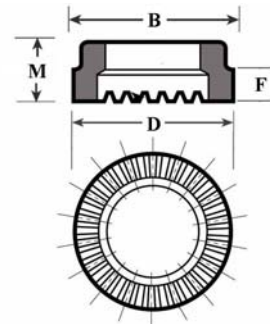


NELSON STUD WELDING

FERRULE SPECIFICATIONS: Double Reduced Base Studs

These ferrules have an internal cavity, and are used to weld studs that have a base diameter that is significantly smaller than the outer diameter of the stud. This combination of stud and ferrule results in a weld flash diameter that is smaller than the stud diameter. Double reduced weld base studs may be used in applications where the base material thickness is too thin for welding the full stud diameter without burning through the base material.

The ferrules may also be used with short studs that serve as locator, or “dowel pin,” studs, where having a small weld fillet is of more importance than the weld strength.



Stud Diameter (Outer)	Weld Base	Neck Diameter B	Major Diameter D	Height to Neck F	Height Overall M	Ferrule Grip	Ferrule Part Number
3/4	7/16	0.990	0.990	No neck	0.406	501010019	100107002
5/8	7/16	0.990	0.990	No neck	0.406	501010019	100108008
3/4	1/2	1.100	1.100	No neck	0.500	501010053	100108019
5/8	7/16	1.100	1.250	0.156	0.406	501010053	100108020
5/8	7/16	0.921	1.030	0.218	0.406	501001012	100108022

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