

NELSON STUD WELDING

FERRULE SPECIFICATIONS: *Special Ferrule for Welding at an Angle to a Base Plate*

Studs are often welded at an angle on embedment plates. Special ferrules are needed to prevent binding in the neck of the ferrule, and to achieve consistent results.

45° welding requires the use of stops to prevent the ferrules from moving during the weld cycle. Heavy-duty guns need to be used to get sufficient gun travel.

The ferrule grip shown below for the 3/8" studs at 23° angles is not a split grip. The ferrule grips for 3/8" and 1/2" studs at 45° angles are special split grips. The use of split ferrule grips is desirable when welding **D2L** studs at angles.

Picture not yet available on web site.

Contact your local Nelson office for assistance with physical descriptions, configurations, and functions of this ferrule.



Stud Diameter A	Angle	Ferrule Neck Diameter B	Foot	Grip	Ferrule Part Number
3/8	23°	0.505	502002001	501008006	101040010
3/8	45°	0.650	502002001	501009006	101040007
1/2	45°	0.785	502002002	501009008	101040008

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