

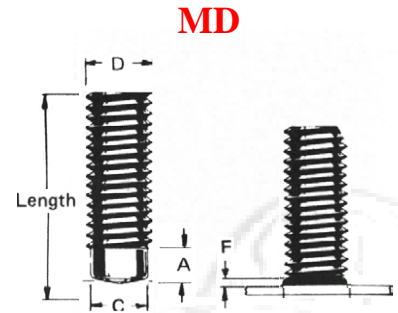
## NELSON STUD WELDING

### SPECIFICATION: Metric **MD** Fully Threaded Studs

Nelson MD studs are recommended for fastening applications where threads are needed for the full fastener length. MD studs are available in thread diameters of M6 through M24.

Nelson fully threaded studs have a short length of pitch diameter weld base. Most of this length is melted off during the stud welding process so that usable thread extends down to the top of the weld flash on installed studs.

For similar function metric studs, see **MP Partially Threaded studs** and **MR Reduced Base Threaded studs**. In the imperial line of Nelson studs, see **CFP Small Diameter Threaded studs**, **CFL Fully Threaded studs**, **HBA Aluminum Full Base Diameter Threaded studs**, **HBL Full Base Diameter Threaded studs**, **Banding Cable Hangers**, **CrimpLok™ Cable Hangers**, and **Watertight nuts**.



When ordering, specify **Type, Diameter, Before Weld Length, Material, Quantity, and Part Number**

*Example:* MD M16 x 2.00 x 34.00mm; Mild Steel; 10,000 pieces; #101012903

Thread Size	Minimum Stud Length	A	Burn Off	C	Weld Flash Size		Flash Clearance	Required Standard Accessories			
					Diameter E	Height F		Ferrule	Grip	Chuck	Foot
M6 x 1.00	18	4.00	2.00	5.30	9.10	3.00	11.10	100101067	501001007	500001267	502001137
M8 x 1.25	23	4.00	3.00	7.10	11.00	3.50	12.70	100101024	501001006	500001009	502001137
M10 x 1.50	23	5.00	3.00	8.99	12.30	4.00	13.90	100101240	501001008	500001269	502001137
M12 x 1.75	24	6.00	3.00	10.80	16.00	4.50	17.50	100101027	501001009	500001206	502001137
M16 x 2.00	29	6.00	4.00	14.60	20.50	7.00	22.00	100101028	501001011	500001016	502001138
M20 x 2.5	35	7.00	5.00	18.30	26.00	9.00	27.50	100101238	501001014	500001272	502001138
M24 x 3.00	35	8.00	6.00	22.00	35.00	10.00	36.50	100101045	501001016	500001274	502001144

**MATERIALS:** Studs are available in Low Carbon Mild Steel and Stainless Steel. For specific grade information, physical and chemical properties, conforming standards, and information on stud plating and heat treating, please see [General Material Specifications](#).

**THREADS:** Standard MD studs are available with up to 75mm of thread length in ISO 13918 6g series thread. Other thread pitch series, and thread lengths greater than 75mm are available as special order.

**FLUX:** All Nelson partially threaded MD studs have a solid flux load.

Visit our website [www.NelsonStudWelding.com](http://www.NelsonStudWelding.com) for a list of our standard stock products.