

MARYLAND METRICS

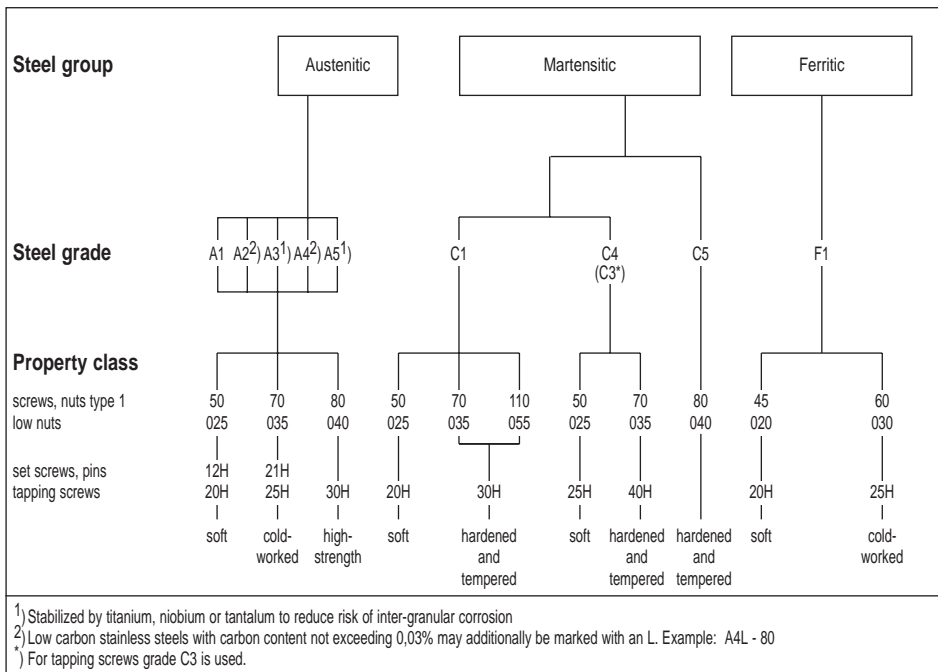
P.O.Box 261 Owings Mills, MD 21117 USA

(410)358-3130 (800)638-1830 Faxes: (410)358-3142 (800)872-9329
<http://mdmetric.com> techinfo@mdmetric.com

TECHNICAL INFORMATION and DATA

Stainless steel

Designation system



Ferritic steel group

These corrosion resistant, magnetic steels can not normally be hardened. Even if possible in certain cases, hardening should not be done.

F1: Steel type, e.g.: **1.4016** 1.4113

Steels normally used for simpler equipment with the exception of the superferrites which have extreme low contents of C and N. The steels within grade F1 could successfully replace steels of grades A2 and A3 and be used at higher chloride contents.

Ferritic-austenitic steel group

“Duplex” steels which combine the advantages of A4 and F1 grade.

FA: Steels with better properties than steels of grade A4 and A5, especially as far as strength is concerned. They are also superior to resist pitting and crack corrosion.