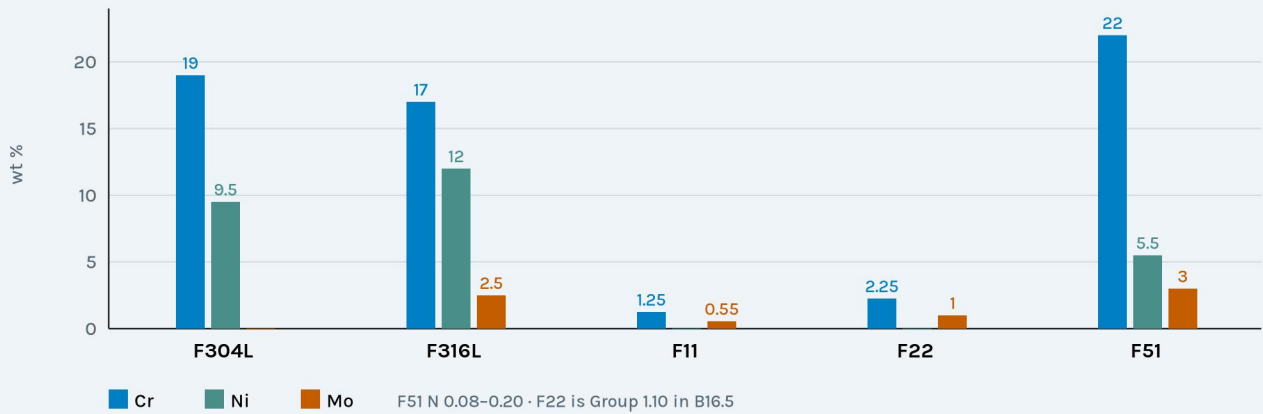


Cr / Ni / Mo windows (wt %) — ASTM A182

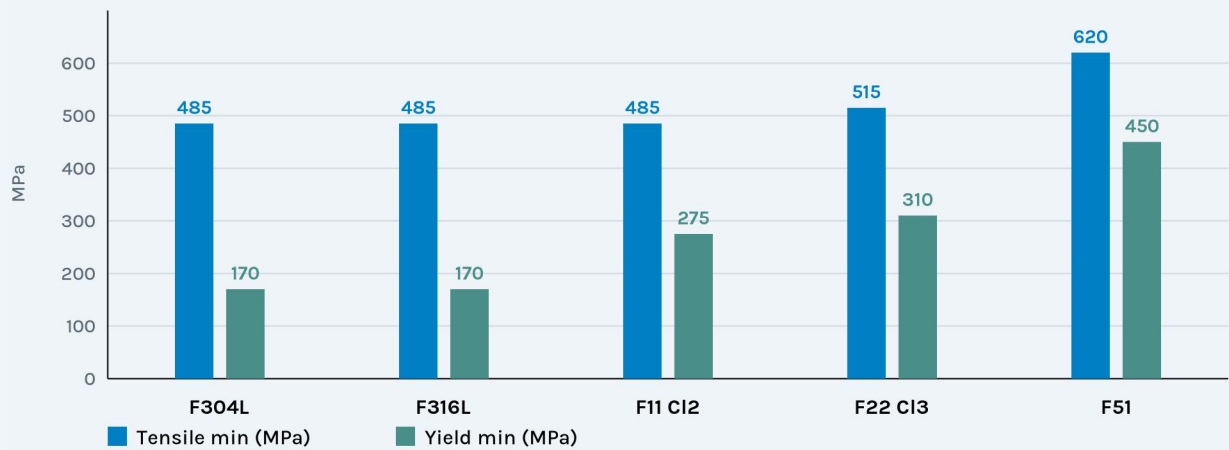
Mid-range of published limits. F51 nitrogen is 0.08–0.20 (S31803), not the F60 0.14–0.20 window.



Metal Forge India · original engineering diagram · not a product photograph

Minimum tensile vs yield (MPa) – ASTM A182

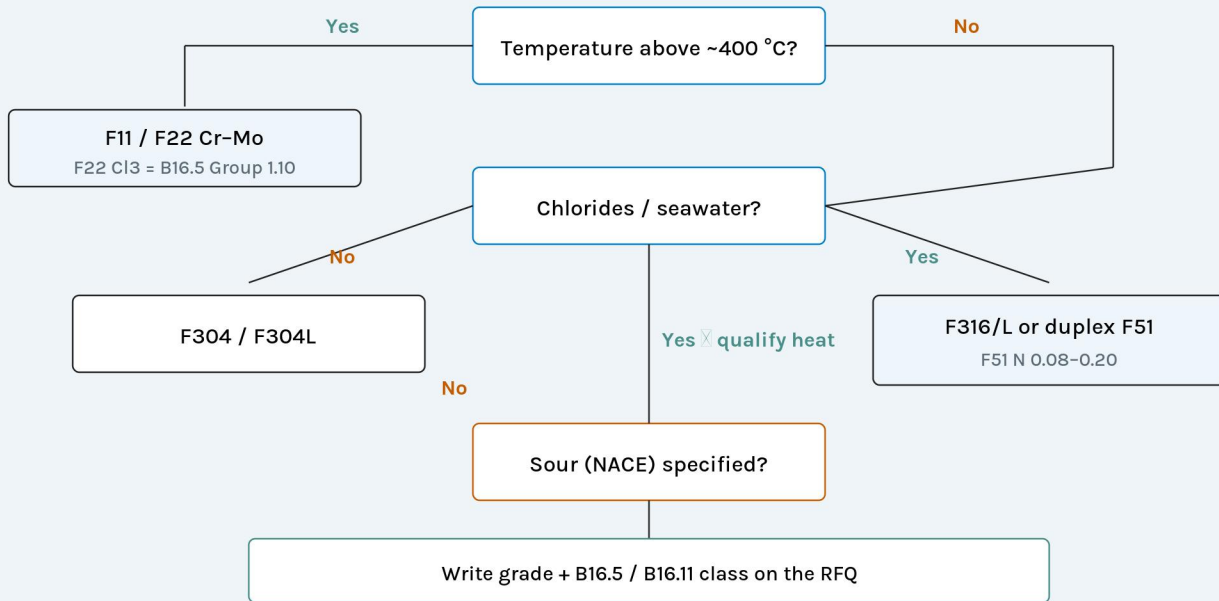
Published minima. Confirm the heat on the mill test certificate.



Metal Forge India · original engineering diagram · not a product photograph

Choosing an A182 grade by service

Engineering screen only. The piping class still wins. A182 is not a pressure class.



EN 10204 3.1 vs 3.2 — who signs the MTC

3.1 (default language)

Producer's authorised inspector
Heat chemistry + mechanicals
Traceable to the piece or qualified lot
Normal export mill test certificate

3.2 (when specified)

Independent inspector named by buyer
Witness or countersign of tests
TPI (TÜV / DNV / LR) on the RFQ
Quoted, not assumed