

Stainless Steel Grade and Specs



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Grade	13-8MO
Melt Type	VAR

Thermal conditions associated with this alloy:

Solution Treated Annealed

AMS 2759/3 Heat Treated Steel Cond.

H900, H925, H1025, H1075, H1100, H1150/M

Specifications associated with this alloy:

AMS 5629, AMS 5864, BMS7-322, DMS 2100, RMS 150, ASTM A564, XM-13

MAGNETIC PARTICLE AMS 2300

ULTRA SONIC INSPECTED, BSS 7055/BAC 5439, GAMPS 9102,

AMS-STD-2154 CL. A

FORGE PER; DMS 1800 CLASS 1 GRADE A, MIL-F-7190

Grade	15-5PH
Melt Type	VAR/ESR

Solution Treated Annealed

Or, HT Cond. PER BAC 5619, 180-200 ksi

AMS 2759/3 Heat Treated Steel Cond.

H900, H925, H1025, H1075, H1100, H1150/M

Specifications associated with this alloy:

Thermal conditions associated with this alloy:

AMS 5659, AMS 5862, BMS7-240 TY.1, ASTM A564, XM-12, BMS7-240 TY.1

MAGNETIC PARTICLE AMS 2303

CHARPY IMPACT, STRESS RUPTURE STRENGTH

ULTRA SONIC INSPECTED, BSS 7055/BAC 5439, AMS-STD-2154 CL. A

FORGE PER; DMS 1800 CLASS 1 GRADE A, MIL-F-7190

Grade	17-4PH
Melt Type	VAR/ESR

Thermal conditions associated with this alloy:

Solution Treated Annealed

Or HT Cond. AMS 2759/3 Heat Treated Steel Cond.

H900, H925, H1025, H1075, H1100, H1150/M

Specifications associated with this alloy:

AMS 5643, AMS 5622, AMS 5604, ASTM A584 (TYPE 630), ASTM A484 (TYPE 630), DMS 1764

MAGNETIC PARTICLE AMS 2303

CHARPY IMPACT, STRESS RUPTURE STRENGTH

FORGE PER; DMS 1800 CLASS 1 GRADE A, MIL-F-7190

ULTRA SONIC INSPECTED, BSS 7055/BAC 5439, AMS-STD-2154 CL. A

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