

ACX 360DESIGNATION ENDESIGNATION ASTM1.4028420X30Cr13542000DESCRIPTIONMartensitic stainless steels exhibit an excellent combination of mechanical resistance and har treatment. Moreover they are ductile and can be a good option for shaping and transformatic good wear resistance and average corrosion resistance.CHEMICAL COMPOSITION $\frac{C}{0.26 - 0.35 \le 1.00 \le 1.50 \le 0.040 \le 0.015 = 13.00-14.00$ APPLICATIONSAmong others: - Cutting tools. - Cutting tools. - Cutter! Denal and surgical instruments. - Petrochemical and paper industry.MECHANICAL PROPERTIES AFTER CIOLD ROLLING AND FINAL ANNEALING FINAL ANNEALING FI
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 - Cutting tools. - Cutlery. - Dental and surgical instruments. - Petrochemical and paper industry. MECHANICAL Rm ≤ 740 N/mm ² Elongation ≥ 15% FINAL ANNEALING Hardness ≤ 97 HRB
PROPERTIES AFTER Km ≤ 740 N/mm ² COLD ROLLING AND Elongation ≥ 15% FINAL ANNEALING Hardness ≤ 97 HRB
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FINAL ANNEALING Hardness ≤ 97 HRB
EN 1008-2
PHYSICAL At 20°C, it has a density of 7.7 kg/dm ³ and a specific heat of 460 J/kg·K PROPERTIES
EN 10088-1
Modulus of elasticity (GPa) 215 212 205 200 190
Mean coefficient of linear expansion between - 10.5 11.0 11.5 12.0 20°C (10 ⁻⁶ x K ⁻¹) - - - 10.5 11.0 11.5 12.0
Thermal conductivity (W/m·K) 30
Electrical resistivity 0.65

rinse is mandatory.

Finally, it is recommended to dry surfaces to preserve them in good conditions.

SPECIFICATIONS They can be delivered according to EN and ASTM and comply with the European Directives for:

- Food industry, RE 1935/2004.

- Hexavalent chromium, ROHS.