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DIN EN 14700 T Ni 4-40-CKPTZ

COROLOY 520 W

COROLOY 520 W deposits a Cr–Co–Mo–Ti–Al– W– alloy in a nickel base. The weld metal is a precipitated, easily hardened alloy with an ex– ceptional combination of high temperature me– chanical properties, formability and corrosion resistance. The alloy can be used for hot forging dies, hot working steels, hot shear blades, etc.. To obtain a crack-free weld, the base material should be preheated to 350 °C and held. After the weld is completed, the cooling rate should be low.



Hot forging hammers, hot forging dies, pilger rolls, mandrels, highly heat resistant impact loaded claddings, repairs on CrMoNi alloys.



hardenend

Diameter Voltage Amps Unit Weight 1,6 23-26 180-260 Coil B5 300 15 kg
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2,0 24–27 240–280 Coil B 450 25 kg
2,4 25–27 280–340 Drums 300 kg
2,8 25–28 320–400

Other Dimensions on demand

G = Gas shielded , SA = Submerged Arc

Corodur Fülldraht GmbH may change the characteristics of the wire without notice. Statements on composition and application are just for the applier information. Statements on mechanical properties always refer to the all-weld-metal according to valid standards. We recommend the applier to chec our products for their special application autonomously.