LEADER IN INDUSTRIAL TOOLS & EQUIPMENT

Technical sheet



Bohler - rutile-coated stick electrode on Co base- UTP CELSIT 721 3,2x350mm

Marque: BÖHLER- GERMANY

Ref Product: wire:63643

Ref Mcmining: SOUD63643-BW

Description
63643
rutile-coated stick electrode on Cobalt base, core wire alloyed UTP CELSIT 721 3,2 x 350 mm Cobalt-based thermo shock resistant alloy for overlay applications
APPLICATIONS
Cladding valve seats, repairing machining tools. Repair of damage due to erosion, high temperature and corrosion. Many applications in the high pressure steam, oil and petrochemical.
WEARstick Co 21 is used for crack-resistant hardfacings on parts subject to a combination of impact, pressure, abrasion, corrosion and high temperatures up to 900ºC, such as running and sealing faces on gas, water, steam and acid fittings and pumps, valve seats and cones for combustion engines, working parts in gas and power plants, hot-working tools with changing thermal load.
Excellent gliding characteristics, good polishability and toughness, highly work-hardening, nonmagnetic, machinable with cutting tools.
WEARstick Co 21 has excellent welding properties and a homogenous, finely-rippled seam.
Very easy slag removal.
Hardness of the pure weld metal: 31 – 37 HRC
Work-hardened: approx. 45 HRC
Hardness at 600 ºC: approx. 240 HB
Classification du produit
AWS A5.13: E CoCr-E DIN 8555 - E 20-UM-350-CTZ EN ISO 14700 - E Co1
Certification
EN ISO 14700 - E Co1