

SPECIAL ALLOYS FOR MAINTENANCE & REPAIR

ANTI-WEAR PROTECTION

Against Pressure and Impact Using Gold Electrodes

PRODUCT GOLD : 1015



Descriptions	Technical Details	Ømm	List Price /kg
Especially for rebuilding edges of cutting tools, knives, shear blades, drills, punching dies, press tools, forging hammers, and other parts subjected to metal to metal wear up to 550°C. Weld Deposit is machinable.	Hardness : ~45-50 HRC Weld Metal Analyse : Cr, V, W	2.6	3.2
		3.2	

PRODUCT GOLD : 740



Descriptions	Technical Details	Ømm	List Price /kg
Manganese alloy electrode for overlays which are subjected to extreme impact. The overlay has a strong work hardening tendency, is highly crack resistant and the thickness is not limited. One or two final layers with Gold 750 increase the abrasion resistance.	Hardness : ~250 HB After work hardening ~480 HB Weld Metal Analyse : Mn, Cr, Ni, Fe, Si	3.2	4.0
		4.0	

ELECTRODES

For Abrasion, Heat, Metal/
Metal Wear-Corrosion Tools and Dies

FOR HIGH TEMPERATURE COMBINED WEAR PRODUCT GOLD : 1045 (770)



Descriptions	Technical Details	Ømm	List Price /kg
Electrode with a complex Co-Cr composition alloyed with W for surfacing of parts which are subjected to a combination of metal / metal wear, corrosion and heat up to 800°C and shortly up to 1000°C. For valve seats, hot forging tools, screws....	Hardness : ~ 42-45 HRC at 20°C 38 HRC at 60°C Weld Metal : Cobalt Base, Tungsten, Chrome, Iron	3.2	4.0
		4.0	