



MAINTENANCE & REPAIR



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MINING INDUSTRY



MAINTENANCE & REPAIR

To increase your productivity,
optimize maintenance and repair
with long-life filler metals

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We join forces...

YOUR CHALLENGING APPLICATION: OUR COMPLETE SOLUTION

Your specialist for hardfacing cored wires and strip cladding

FCAW	HARDNESS	Wear Coefficient		IMPACT RESISTANCE	MICROSTRUCTURE	MACHINABILITY	MAXIMUM THICKNESS OF THE WELD DEPOSIT
		SiO2	Al2O3				
SK AP-O/G/S	205HB	-	-	***	Austenite - 14% Mn type	***	no limit
SK 402-O/G/S	160HB	-	-	***	Austenitic 18Cr - 8Ni - 6Mn type	***	no limit
SK BU-O/G/S	285HB	-	-	**	Bainite Low alloyed	***	no limit
SK 350-O/G/S	360HB	-	-	**	Bainite Medium alloyed Steel with addition of Cr	***	no limit
SK 650-G	58HRC	-	-	*	Martensitic Tool Steel type Cr - Mo - W - V	*	6 layers - 18mm
SK 258TiC-O/G	58HRC	3,9	40	*	Martensitic Medium alloyed Steel with addition of Cr and Ti	-	6 layers - 18mm
SK 795-O	40HRC	-	-	*	Austenitic + Bainite Medium alloyed Steel with addition of Cr and Mo	-	6 layers - 18mm
SK 255-O/G/S	60HRC	0,5	42	-	Cr Carbides in Austenitic matrix	-	3 layers - 10mm
SK 164-O	63HRC	0,5	45	-	Cr Carbides in Austenitic matrix	-	3 layers - 10mm
SK A43-O	63HRC	0,3	42	-	Cr and Nb Carbides in Austenitic matrix	-	3 layers - 10mm
SK A70-G	67HRC	0,24	23	-	Cr and B Carbides in Austenitic matrix	-	2 layers - 6mm
SK A43-OB	65HRC	0,3	-	-	Cr, Nb and B Carbides in Austenitic matrix	-	1 layer - 4mm
SK 299-O	64HRC	0,26	-	-	Cr, Nb, V and B Carbides in Austenitic matrix	-	3 layers - 10mm
SK 674-O	61 HRC	0,3	-	-	Cr, Mo, Nb, W and V Carbides in Austenitic matrix	-	3 layers - 10mm
SK 900-O	63HRC	-	-	-	65%WC in Austenitic matrix	-	2 layers - 6mm

SPECIAL PRODUCT	HARDNESS	DESCRIPTION
SK ABRAGUARD	55HRC - 65HRC	Specially designed wear plates to resist at high stresses grinding abrasion coupled with low impact. Different hardnesses and plates thickness are available.

Your specialist for stick electrodes, TIG, MIG and SAW wires

UTP SMAW	HARDNESS	IMPACT RESISTANCE	MICROSTRUCTURE	MACHINABILITY	MAXIMUM THICKNESS OF THE WELD DEPOSIT
UTP BMC	260 HB	***	Austenite 14 % Mn type + Cr	***	no limit
UTP 63	200 HB	***	Austenitic 18Cr - 8Ni - 6Mn type	***	no limit
UTP 630	200 HB	***	Austenitic 18Cr - 8Ni - 6Mn type	***	no limit
UTP 641Kb	280 HB	**	Bainite Low alloyed with Cr - Mo	***	no limit
UTP DUR 350	370 HB	**	Bainite Medium alloyed Steel with addition of Cr	*	6 layers - 18mm
UTP DUR 600	58 HRC	*	Martensitic Medium alloyed Steel with addition of Cr	-	6 layers - 18mm
UTP DUR 650 Kb	58 HRC	*	Martensitic Tool Steel type Cr - Mo - Nb	-	6 layers - 18mm
UTP LEDURIT 61	60 HRC	-	Cr Carbides in Austenitic matrix	-	3 layers - 10mm
UTP 7100	63 HRC	-	Cr Carbides in Austenitic matrix	-	3 layers - 10mm
UTP ABRASODUR 43+	62 HRC	-	Cr and Nb Carbides in Austenitic matrix	-	3 layers - 10mm
UTP LEDURIT 65	65 HRC	-	Cr, Mo, Nb, W and V Carbides in Austenitic matrix	-	3 layers - 10mm
UTP DIADUR HR	65 HRC	-	60% WC in Austenitic / Martensitic matrix	-	2 layers - 6mm
UTP 75	65 HRC	-	Graphite basic coated electrode with sintered core wire on tungsten- carbide base against extreme mineral abrasion.	-	2 layers - 6mm

SPECIAL PRODUCT	HARDNESS	DESCRIPTION
UTP ABRADISC 6000	60HRC	Hardened wear protection discs for cladding on extensive parts with UTP DISCWELD- electrodes.

Above mentioned electrodes are also available as solid MIG/MAG wires, TIG rods and SA wire flux combinations.



Your complete solution for M&R welding consumables

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