Open arc cored wires for repair, anti-wear and anti-corrosion

Manganese steels

Product Name Classification AWS Classification EN Classification DIN	Mechanical Properties Typical Values	Size (mm)	Approvals	Characteristics and Applications
SK N AP-O DIN 8555: MF 7-GF-200-KP	Hardness as welded: 205 BHN Work hardened: 500 BHN	2.8	-	Multipurpose cored wire mainly used for rebuilding and joining of Carbon and 14% Manganese steels. It can also be used as buffer layer prior to hard overlay. Work-hardenable alloy. Field of use: Railway rails and crossovers, mill shaft drive ends, gyratory crusher mantels, repointing of shovel teeth, buffer layer for inter-particles crushers.

Low alloy steels

Product Name Classification AWS Classification EN Classification DIN	Mechanical Properties Typical Values	Size (mm)	Approvals	Characteristics and Applications
SK BU - O DIN 8555: MF 1-GF-300-P	Hardness as welded: 280 HB	1.2 1.6 2.0 2.4 2.8	-	Rebuilding alloy for Carbon steel parts. It can also be used as buffer layer prior to hard overlay. Field of use: Crawler tractor links, crane wheels, shafts, buffer layer for continuous casting rollers, mine car wheels.
SK 260 NbC-O DIN 8555: MF 6-GF-60	Hardness as welded: 60 HRC	1.6 2.8 3.2	-	Special crack-free martensitic alloy enhanced with Boron designed to resist high stress abrasive wear. Field of use: Hardbanding of drilling pipes.

High alloyed steels

Product Name Classification AWS Classification EN Classification DIN	Mechanical Properties Typical Values	Size (mm)	Approvals	Characteristics and Applications
UTP AF VANADIUM 500	-	2.0 2.4 2.8	-	Chromium and vanadium flux cored wire in austenitic matrix, especially developed for arcing application in sugar mills rolls. The vanadium carbides which have 30% higher hardness than chromium carbides, improve the abrasion resistance in wet condition.