



AKD437

Deposited metal hardness:40-42HRC

Description: AKD437 is a surfacing electrode with low hydrogen coating.

Application: Used for surfacing welding that requires high hardness and high wear resistance under high temperature conditions. Mainly used in metallurgical industrial systems.

Typical Chemical Composition(%):

	C	Cr	Ni	V	S	P	—
Requirement	0.8	15	4.0-15.0	3.0-4.0	0.030	0.030	—

Recommended welding parameters:

Diameter/ mm	3.2	4.0	5.0	—
Electrode Length (mm)	350	400	400	—
Welding Current (A)	90-120	150-180	180-210	—

1. The electrode must be baked at 300-350°C for 1 hour before welding.
2. Rust, oil, moisture and other sundries on the weld ment must be removed before welding.