



NEXA-DIETUF 100

SPECIAL FEATURES

NEXA- DIETUF 100 is a newly developed electrode with Cr-Ni-Mo specially for forging die – repairs in forging industry. The special alloy addition makes the weld deposit suitable for using where higher level of strength, toughness and ductility is required. Weld deposit have good high temperature resistance which is very helpful in increasing the die life. The deposited weld metal is highly resistant to cracking even with higher impact load and temperature. It is used for welding high-strength tempered low-alloy steels as well as process welding on steels castings, cast steels of corresponding strength.

APPLICATIONS

NEXA –DIETUF 100 is an all position electrode with high strength for repair of large forging dies, hot working tools, hammer bases, and sow blocks anvil, and insert dies, and rolls of cold rolling mill. Any surface requires impact and friction resistance.

TECHNICAL DATA

Tensile Strength	:	115 kgf/mm ² (Min.)
Hardness	:	37-42 HRC

CURRENT RANGE : DC (+)

SIZE mm	3.15	4.00	5.00
CURRENT (Amps)	80-120	120-150	150-190