

UPW-645

EN
DIN

14700: T ZFe8
8555: MF 6-GF-50-GP



Deposit Characteristic

UPW-645 is designed based on the concept of the high-alloyed martensitic steel that is generally used in the place suffering high abrasion wear simultaneously with high impact. The UPW-645 deposit can be heat treated and forged.

Recommended Application

Cement clinker crusher rolls, roller presses, shovel bucket teeth and lips, crusher hammers, asphalt mixer blades, agricultural tools, cane knives and shredders

Composition	Microstructure	Typical Weld Deposit Mechanical Property
Fe-Cr-Nb-C	Martensite Chromium carbide Niobium carbide	45~55 HRC (3 layers deposit)

Diameter (mm)	Type	Voltage	Current	Stick-out	Packing
Ø2.8	DC+	27~30V	350~500A	30~40mm	250 kg in drum