

FLUXODUR 58-0 is a self-shielded flux cored wire producing a weld metal with a martensitic alloy structure used in applications where greater hardness of the weld metal is required up to 500°C. FLUXODUR 58-0 is used for surfacing parts subjected to heavy compressive stresses abrasion or metal-to-metal wear, combined with mechanical and thermal shocks.

Pre-heat is an essential requirement to prevent hot cracking.

Applications: Refurbishing of steel mill rolls, crane wheels, hot work extrusion mandrels, crushing hammers, shear knives, pulleys, and winches.

Classification

EN 14700: T Fe3

Chemical analysis (Typical values in %)

C	Mn	Si	Cr	Mo	W
0.5	2	0.8	6.5	1.5	1.5

All-weld metal Mechanical Properties

Heat Treatment	Hardness
As Welded	57-62 HRC

Storage

Keep dry and avoid condensation

Current condition and welding position

DC+



PA

Packaging data

Packaging Type	BS300
Diam(mm) / weight(kg)	15
1.2	●
1.6	●
2.4	●
2.8	●