Self - Shielded Flux Cored Wire For Hardfacing
KJTUBO - 465

Standard

DIN 8555 (MF 10 - 65 - GZ)

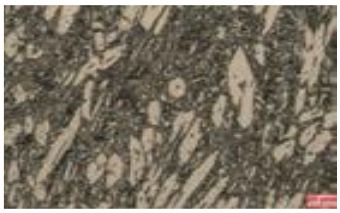
DIN EN 14700 (T Fe 16 - 65 - GZ)

Typical All – Welded Metal Analysis (weight %)

Self-Shielded	C	Si	Mn	Cr	Mo	Nb	V	W
KJTUBO - 465	4.5-5.0	1.5 - 2.0	0.3 - 0.5	19.0 - 21.0	5.0 - 7.0	5.0-7.0	0.5- 1.0	1.0-2.0

Typical Weld Metal Properties

Weld metal hardness	63 – 65 HRC
Machinability	Very hard (Grinding Only)
Microstructure	Austenitic matrix with complex carbides of different types Chromium enriched hexagonal primary carbides,M7C3 eutectic carbides and nodular Niobium carbides
Abrasive wear resistance	Excellent against minerals



Packing

250Kgs drum or 25 Kgs coil, depending on wire size and customer's order

Application	Self-shielded
Diameter (mm)	2.80

Description

Chromium-Niobium-Molybdenum alloy with additional Tungsten and Vanadium designed to resist high stress grinding abrasion with low impact and solid erosion at temperatures up to 800°C.
Hardness reduction at temperature of 400 °C is approximately 4% and at 700 °C is approximately 10 %.
Suitable for Wear plates, Sinter finger crushers, perlite crushers, Boiler fan blades, blast furnace bells