



**DATA SHEET FOR DURAWELD MAKE DW-FW ALLOY WELD CAST WEAR PRODUCT**

1) *Chemical Composition :*

Alloy Basis	C	Cr	Nb	Mn	Si
Percentage	4.7 -5.2%	21-24%	3-5%	0.5-0.8%	0.8-1%

2) *Technical specifications:*

- DW-FW COMPOSITE WELD CAST PLATES.
- PRODUCED BY ROBOTIC MACHINE.
- SINGLE PASS WELD CAST DEPOSIT OF THK. UPTO 12MM
- UNIFORM HARDNESS ACROSS THE CROSS-SECTION UPTO INTERFACE LEVEL OF HARDLAYER (RC 58-62) & MINIMUM DILUTION 3-5% ONLY.
- NO WELD RIPPLES, BUT MAT FINISHED SMOOTH HARDLAYER DEPOSIT.
- WEAR RESISTANT PROPERTY UNDER ASTM G-65 TEST CONDITIONS – ATLEAST TWICE (2 TIMES) SUPERIOR TO ANY WEARPLATE BRAND PRODUCED.

3) *Hardness:* 62 – 65 HRC

**DURAWELD METSYS PVT.LTD.**

(Formerly known as Duraweld Wearplates Pvt. Ltd.)

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