

DATA SHEET FOR DURAWELD MAKE DW-HT(b) ALLOY WELD CAST WEAR PRODUCT

1) *Chemical Composition :*

Alloy Basis	C %	Cr %	Nb %	Mo %	B %	Mn %	Si %
Percentage	4.7 -5.2	20-22	3-5	1-2	1.0 Max.	0.5-0.8	0.8-1.0

2) *Technical specifications:*

- DW-HT(b) 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 60-65) & 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:* 60 – 65 HRC

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