Lining and pipes

CROMDES 700/800/850/950®
TUNGDES 2300®



BI-METALLIC SHEETS

High abrasion and impact resistant steel. Its resistance is 3 to 15 times higher than that of 400 HB steel, even at high temperatures.

BASE / DEPOSITION

Thicknesses	2	3	4	5	6	7	8	10	12
2	■								
3	■	■							
4	■	■	■						
5	■	■	■	■					
6		■	■	■	■	■	■		
7		■	■	■	■	■	■	■	
8		■	■	■	■	■	■	■	
9		■	■	■	■	■	■	■	■
10		■	■	■	■	■	■	■	■
12		■	■	■	■	■	■	■	■

DIMENSIONS	
BASE PLATE	DEPOSITION AREA
2000 X 1000 mm	1900 X 850 mm
2000 X 1500 mm	1900 X 1350 mm
2000 X 1500 mm	1900 X 1400 mm
2500 X 1250 mm	2400 X 1150 mm
3000 X 1500 mm	2900 X 1350 mm
3000 X 1500 mm	2900 X 1400 mm
3000 X 2000 mm	2900 X 1800 mm

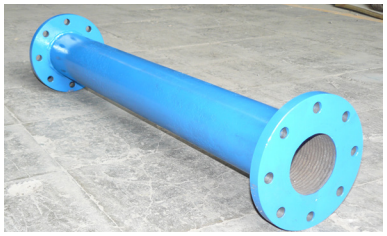
TECHNICAL DATA

PRODUCTS	HARDNESS		TEMP.	ALLOY	APPLICATION
	VICKERS	HRC			
CROMDES 70® Chromium carbide	700-800 Chrome Carbide 1200-1600 $HV_{0,4}$	* 60-64	** 500 °C	*** Cr-Mn-Ni	Crusher rolls Coal crusher cones * Impact and sliding
CROMDES 80® Chromium niobium carbides	746-832 Chrome and Niobium carbide 1900-2400 $HV_{0,4}$	* 62-65	** 650 °C	*** Cr-Si-Nb-B	Fan blades Excavator scoops * High abrasion
CROMDES 85® Chromium, molybdenum and niobium	772-832 Chrome.Molybdenum and Niobium 1900-2400 $HV_{0,4}$	* 63-65	** 800 °C	*** Cr-Mo-Nb-V-W	Slag conveyer screws Hot sinterbreaker * High abrasion and temperature
CROMDES 95® Chromium carbide, niobium, vanadium and boron	832-950 *** Chrome-Niobiubium-Vanadium and Boron 1900-2400 $HV_{0,4}$	* 65-69	** 500 °C	*** Cr-Nb-V-B	Fan blades Mining industry * Very high abrasion
TUNGDES 230® Tungsten carbide and boron	577-697 Tungsten carbide and Boron 2300 $HV_{0,4}$	* 54-60	** 600 °C	*** 60% WSC-Ni	TMB front, Hammer mill and Dregging machines * Highest abrasion resistance and impact

* Hardness depending on the number of layers ** Consult in each case *** Nickel-free chemical composition

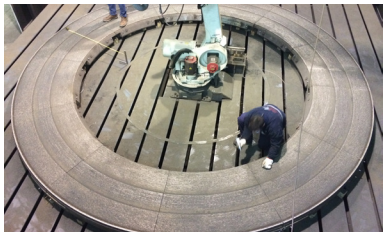
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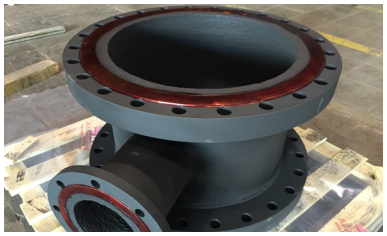
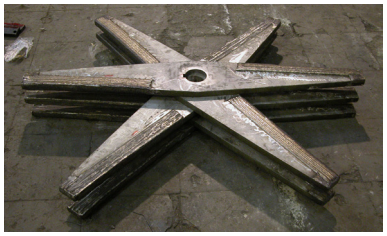
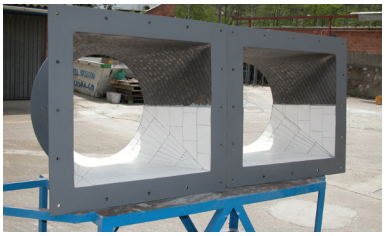
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Anti-wear technology

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