

# TG BIMETAL 70/80/85/95

# TECNODESGAST

Tecnología del desgaste

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## BIMETAL SHEET

Steel with high abrasion and impact resistance. Between 3 and 15 times tougher than 400 HB steel under the same conditions at high temperatures.

BASE	DEPOSITION																			
Espesores	2	3	4	5	6	7	8	10	12	13	14	15	16	17	18	19	20			
2																				
3																				
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50																				
60																				
65																				
70																				
75																				

### MEASURES

Base sheet	Deposition
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 CHARACTERISTICS

	Chrome carbides	700-800 Chrome carbides 1200-1600 HV 0,4	60-64 *	500°C **	Cr-Si-Mn-B ***	Crushing rollers Coal Crushed Cones <b>Impact - Slide</b>
BIMETÁLICO 70	Chrome carbides and Niobium	746-832 Chrome carbides and Niobium 1900-2400 HV 0,4	62-65 *	650°C **	Cr-Si-Nb-B ***	Fan blades excavator buckets <b>High abrasion</b>
BIMETÁLICO 80	Chromium, Molybdenum and Niobium	772-832 Chromium, Molybdenum and Niobium 1900-2400 HV 0,4	63-65 *	800°C **	Cr-Mo-Nb-V-W ***	Sinfines escoria Rompedoras para sinter <b>Alta abrasión y temperatura</b>
BIMETÁLICO 85	Chrome carbides, Niobium, Vanadium and Boron	832-950 Chrome carbides, Niobium, Vanadium and Boron 1900-2400 HV 0,4	65-69 *	500°C **	Cr-Nb-V-B ***	Palas ventilador Bombas hormigón <b>Muy alta abrasión</b>

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

