

OK  
13276  
~~696881~~

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SOL.  
SOL - 3 X 1/4

# MILL'S CERTIFICATE

Gerdau Açominas S.A.  
Avenida João XXIII, 6777  
Tel 21 414-6000 Fax 21 414-6243  
CEP 23560-900 - RIO DE JANEIRO - RJ

THIS PRODUCT IS IN ACCORDANCE WITH THE REQUIREMENTS OF APPLIED TECHNICAL STANDARD AND WAS MONITORED IN EVERY MANUFACTURING STAGE															
Customer										Invoice 0001679E04		Code 0005058702		Certificate No 0000696981	
Material SOLERAS		Quality ASTM A-36				Size 3 X 1/4		Length 20 PES		Date 22/11/2004		Page 14 of 15			
Heat	C %	Mn %	Si %	S %	P %	LE N/mm2	LR N/mm2	Alng %							
41257041	0,12	0,75	0,18	0,029	0,014	352	463	30,00							
41257042	0,11	0,74	0,16	0,028	0,018	318	431	30,00							

  

Code of Mechanical Properties  Alng Alongamento LE Limite de Escoamento LR Limite de Resistência	Observation	Technical Responsible
		Ricardo Marra Antunes CREA 901018962

Humberto del Castillo  
015553 104894