

STEEL PLATES FROM HOT ROLLED COILS

Grade: SA 516 Gr. 70

Pressure Vessel Steel

Grade **SA 516 Gr. 70**

Norm **ASME**

W. Nr. **----**

Rolling state **N – Normalized**

Description Pressure vessel steel. Excellent notch toughness and weldability.

Applications Pressure vessels, boilers and heat exchangers especially in the petrochemical and oil&gas industry

Standard coils' stock range

	1000	1500	2000
3		•	
3,5	•		
4		•	
5		•	•
6		•	•
6,3	•	•	
7			•
8			•
10			•
12			•
15			•

Dimensions other than the ones listed here can be sourced on agreement.

At times, some of the dimensions listed here might be unavailable: please make sure to get in touch with our sales department for a real-time update about the actual stock availability.

Chemical composition According to ASME SA 516 Gr. 70

Elemento	Al	B	C	Ceq	Cr	Cu	Mo	Mn	N
Min.									
Max			0,27					1,50	

Elemento	Ni	Nb	P	S	Si	Sn	Ti	V	Zr
Min.									
Max			0,035	0,035	0,40				

Mechanical properties According to ASME SA 516 Gr. 70

Nominal Thickness (ksi)	70 - 90
Yield Strenght (ksi)	38
Elongation in 200mm (%)	17
Elongation in 50mm (%)	21

Tolerances

Dimensional Tolerances

UNI EN 10051

Surface Status

UNI EN 10163-2

Equivalences

W. Nr.	EN10028-3	England BS
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