

## STEEL PLATES FROM HOT ROLLED COILS

### Qualità: ASME SA387 Gr. 12 Cl. 2G

Pressure Vessel Steel

Quality **SA387 Gr. 12 Cl.2G**

Norm **ASME**

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

Rolling state **N – Normalized**

Description Chrome-moly carbon alloy steel for heat-resistant pressure vessels. Resistant to very high temperatures with minimum aging of the product also after thousands of working hours, thanks to the right percentage chromium and molybdenum. Good weldability.

#### Applications

Pressure vessels, boilers, pipes for the transportation of hot liquids

#### Standard coils' stock range

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.

	1750	2000
4	•	
5	•	
6		•
8		•

#### Chemical composition According to the norm

Elemento	Al	B	C	Ceq	Cr	Cu	Mo	Mn	N
Min.			0,04		0,74		0,40	0,35	
Max			0,17		1,21		0,65	0,73	

Elemento	Ni	Nb	P	S	Si	Sn	Ti	V	Zr
Min.					0,13				
Max			0,035	0,010	0,45				

#### Mechanical properties According to the norm

Tensile strength (ksi)	65 - 85
Tensile strength (MPa)	450 – 585
Yield strength (ksi)	40
Yield strength (Mpa)	275
Allungamento in 200mm (%)	19
Allungamento in 50mm (%)	22

#### Tolerances

**Dimensional tolerances**  
UNI EN 10051

**Surface Status**  
UNI EN 10163-2

**Equivalences**

W. Nr.	EN10028-2	England BS	Germany DIN
-----	13CrMo4-5	620B	13CrMo4-4

**Certifications**

- EN10204-3.1

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