



Boiler steel

Boiler steel plates usually used to build domestic boiler, industrial boiler, and power station boiler. Boiler steel plates have the good strength .The boiler and boiler parts which made from this kind of boiler steel plates can bare certain stress in the long term at higher temperatures. Boiler steel plates have the good toughness and low effectiveness of the tendency in the use of bending, roll edges and other cold deformation after processing, storage and use after a long time still maintaining good toughness, and good weldability and resistance to intergranular corrosion.

The main steel grade of boiler steel plates are :

Material #: 1.0345, 1.0425, 1.0481, 1.0473, 1.5415, 1.7335, 1.738, 1.7383.

EN 10028-2: P235GH, P265GH, P295GH, P355GH, 16Mo3, 13CrMo4-5, 10CrMo9-10, 11CrMo9-10.

DIN 17155 : HI, HII, 17 Mn 4, 19 Mn 6, 15 Mo 3, 13CrMo 4 4, 10CrMo 9 10.

NFA 36-205 : A 37 CP, A 42 CP, A 48 CP, A 52 CP, 15 D3, 15 CD 4-05, 10 CD 9.10.

UNI 5869: Fe 360 - 1KW, Fe 410 - 1KW, Fe 460 - 1KW, Fe 510 - 1KW, 15 Mo 3, 14 CrMo 4/5, 12 CrMO 9/10

BS 1501: 161 Gr. 360 / 164 Gr. 360 , 161 Gr. 400 / 164 Gr. 400 / 224 Gr. 400 , 224 Gr. 490, 1503 - 243 B, 620 Gr. 27, 622 Gr. 31

UNE 36087: A 37 RCI, A 42 RCI, A 47 RCI, A 52 RCI, 16 Mo 3, 14 CrMo 4/5, 12 CrMo 9/10

ASTM: A 285 Gr. C , A 414 Gr. C, A 516 Gr. 55, A 414 Gr. E, A 516 Gr. 60, A 414 Gr. F, A 516 Gr. 65, A 414 Gr. G, A 204 Gr. B/C, A 387 Gr. 12, A 387 Gr. 22 .

JIS G3115: SPV 24, SPV 32, SPV 36.

Material #	EN 10028-2	DIN 17155	NFA 36-205	UNI 5869	BS 1501	UNE 36087	ASTM	JIS G3115
1.0345	P235GH	HI	A 37 CP	Fe 360 - 1KW	161 Gr. 360 / 164 Gr. 360	A 37 RCI	A 285 Gr. C-A 414 Gr. C / A 516 Gr. 55	SPV 24
1.0425	P265GH	HII	A 42 CP	Fe 410 - 1KW	161 Gr. 400 / 164 Gr. 400 / 224 Gr. 400	A 42 RCI	A 414 Gr. E / A 516 Gr. 60	
1.0481	P295GH	17 Mn 4	A 48 CP	Fe 460 - 1KW	224 Gr. 490	A 47 RCI	A 414 Gr. F / A 516 Gr. 65	SPV 32
1.0473	P355GH	19 Mn 6	A 52 CP	Fe 510 - 1KW		A 52 RCI	A 414 Gr. G	SPV 36
1.5415	16Mo3	15 Mo 3	15 D3	15 Mo 3	1503 -	16 Mo 3	A 204 Gr.	

Bebon steel — The most professional exporter on shipbuilding steel

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					243 B		B	
1.7335	13CrMo4-5	13CrMo 44	15 CD4-05	14 CrMo4.5	620 Gr. 27	14 CrMo4.5	A 387 Gr.12	
1.738	10CrMo9-10	10CrMo 910	10 CD9.10		622 Gr. 31		A 387 Gr.22	
1.7383	11CrMo9-10			12 CrMO9.10		12 CrMo9.10		

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