



ALFA GmbH

## Boiler and Pressure Vessel Steel Plates

### ■ Technical & dimensional characteristics:

All the hereunder grades are available as hot rolled steel plates. A remark mentions if they are available in another form.

		Grades	Remark	Thickness	Delivery conditions
High temperature		P 235 GH	Also as forged plates or forged bars	HR plates : 3 - 200 Forged plates : 150 - 250 Forged bars : 361 - 1000	Normalized rolled or normalized
		P 265 GH			
		P 295 GH			
		P 355 GH	Also as forged plates or forged bars		
Fine grain weldable		P 275 NH	Also as forged plates or forged bars	HR plates : 3 - 200 Forged plates : 150 - 250 Forged bars : 361 - 1000	Normalized rolled or normalized
		P 275 NL1			
		P 275 NL2			
		P 355 N	Also as forged plates or forged bars	3 - 150	Normalized
		P 355 NH			
		P 355 NL1			
		P 355 NL2			
		P 460 NH			
		P 460 NL1			
		P 460 NL2 (*)			
		P355 M			
		P355 ML1			
		P355 ML2			
		P420 M			
		P420 ML1			
	P420 ML2				
	P460 M				
	P460 ML1				
	P460 ML2				
	transport hazardous material	P 400 NGJ4		5 - 15	Normalized
	Carbon steel with low and intermediate resistance to tension	ASTM A 285 Gr. C		3 - 50	As rolled
Lower & moderate temperature	low and intermediate resistance to tension	ASTM A 516 Gr. 55 ASTM A 516 Gr. 60 ASTM A 516 Gr. 65		up to 250	As rolled or normalized
	high resistance to tension	ASTM A 612		8 - 25,40	Normalized rolled or normalized
Alloyed	Mo	16 Mo 3	Also as forged plates	3 - 250	Normalized
		13CrMo4-5 (*)	Also as forged plates	5 - 60	Norm. & tempered
		12CrMo9-10		140 - 250	Norm. & tempered/ Quenched & tempered/ Norm. & tempered/ Quenched & tempered/ Norm. & tempered/ Quenched & tempered/ Norm. & tempered/ Quenched & tempered
		ASTM A387 Gr.11 CL. 1			
		ASTM A387 Gr.11 CL. 2			
		ASTM A387 Gr.12 CL.1			
		ASTM A387 Gr.12 CL. 2 (*)			
C - Mn - Si steels		ASTM A537 CL. 1		4,76 - 100	Normalized
		ASTM A537 CL. 2		10-50	Quenched & tempered

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EORI-Nummer:

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