



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 ASTM A 516 Gr. 70	up to 250	As rolled or normalized	
	high resistance to tension	ASTM A 612			
Alloyed	Mo	16 Mo 3	3 - 250	Normalized	
		13CrMo4-5 (*)	5 - 60	Norm. & tempered	
		12CrMo9-10	100 - 250	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 (*)	140 - 250	Norm. & tempered/ Quenched & tempered/ Quenched & tempered/ Quenched & tempered/ Quenched & tempered/ Quenched & tempered/ Quenched & tempered/ Quenched & tempered	
	ASTM A537 CL.1				
C - Mn - Si steels		ASTM A537 CL.2	4,76 - 100	Normalized	
			10-50	Quenched & tempered	