

We offer carbon and alloy steels enabling manufacturers to produce large high-pressure vessels. Our range varies from medium plates of small thickness, produced by NLMK Clabecq or NLMK DanSteel A/S, to very thick bars forged by NLMK Verona. They meet the requirements of a variety of relevant national and international standards.

- storage tanks, storage spheres
- pressure vessels
- boilers
- heat exchangers
- gas turbines

The fine-grain structural steel grades are suitable for mechanical forming and excellent welding. We produce all major standards: EN

These steel grades are characterized by yield strengths from minimum 235 N/mm² to minimum 460 N/mm² and by good weldability.



We produce all major standards: EN, BS, ASTM and ASME.

Europe				India	Japan	
EN 10028-2	EN 10028-3	EN 10028-4	EN 10028-5	IS 2002	JIS G 3115	JIS G 3103
P 235 GH				Gr. 1	SPV 235	SB 410
				Gr. 2 A		
P 265 GH				Gr. 2 B		
	P 275 NH					
	P 275 NL1					
	P 275 NL 2					
16 Mo3						SB450M
P 295 GH					SPV 315	SB 450
13 Cr Mo4-5						
P 355 GH	P 355 N	11 Mn Ni 5-3	P 355 M		SPV 355	SB 480
	P 355 NH	13 Mn Ni 6-3				
	P 355 NL1		P 355 ML1			
	P 355 NL 2		P 355 ML 2			
			P 420 M			
			P 420 ML1			
			P 420 ML2			
			P 460 M			
	P 460 NH					
	P 460 NL1		P 460 ML1			
	P 460 NL2		P 460 ML2			

		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	Also as forged plates or forged bars		
		P 355 GH			
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			
		P 355 NH	Also as forged plates or forged bars	3 - 150	Normalized
		P 355 NL1			
		P 355 NL2			
		P 460 NH		3 - 25, 40	Thermomechanically controlled rolled
		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	ASTMA 516 Gr.55 ASTMA 516 Gr. 60 ASTMA 516 Gr. 65 ASTMA 516 Gr.70		up to 250	As rolled or normalized
	high resistance to tension	ASTMA 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
		ASTMA387 Gr.11 CL1			
		ASTMA387 Gr.11 CL 2			
		ASTMA387 Gr.12 CL1			
		ASTMA387 Gr.12 CL 2 (*)			
C - Mn- Si steels	ASTMA537 CL1 ASTMA537 CL 2		476- 100 10-50	Normalized Quenched & tempered	