



Structural Steels

■ Steel description and applications:

Our structural steels are also developed to enhance processability:

- Laser steels make it possible to cut them with high precision
- Cold forming steels optimize the forming properties in order to guarantee an excellent finishing
- Normalized rolled for surface critical applications
- Thermomechanically controlled rolled for improved weldability

We also propose special solutions for more stringent applications:

- Steels with improved resistance to atmospheric corrosion combine strength and outer protection against weathering effects.
- Special steel for fracture critical applications.
- Steel for harsh weather environments.

Whether you are looking for a widespread mix of thicknesses, small quantities in any grade or when you have special requirements, our plates and bars keep each time the same high quality which makes their reputation.

■ Available grades:

EN 10025-2		Japanese JIS 3106	Canada CSA G40-21	USA ASTM	EN 10025-3		USA ASTM	EN 10025-5		USA ASTM
S235JR	1.0038	SM 400 A	230 G	A283 Gr. A,B,C,D	S275 N	1.0490		S235 J0W	1.8958	
S235J0	1.0114	SM 400 B			S275 NL	1.0491		S235 J2W	1.8961	
S235 J2	1.0117	SM 400 C			S355 N	1.0545		S355 J0W	1.8959	A588 A,B,C,K
S275 JR	1.0044		260 W, WT	A572 Gr. 42	S355 NL	1.0546	A572 Gr. 50	S355 J2W	1.8965	A588 A,B,C,K
S275 J0	1.0143			A36	S420 N	1.8902	A572 Gr. 60	S355 K2W	1.8967	A588 A,B,C,K
S275 J2	1.0145			A573 Gr. 65	S420 NL	1.8912		S355 J0WP	1.8945	
S355 JR	1.0045	SM 490 A	350 W, WT	A633 Gr. C,D	S460 N	1.8901		S355 J2WP	1.8946	
S355 J0	1.0553	SS 490 B			S460 NL	1.8903				
S355 J2	1.0577	SS 490 C		A573 Gr. 70						
S355 K2	1.0596	SS 490 YB								
S235 JRC	1.0122									
S235 JOC	1.0115									
S235 J2C	1.0119									
S275 JRC	1.0128									
S275 JOC	1.0140									
S275 J2C	1.0142									
S355 JRC	1.0551									
S355 JOC	1.0554									
S355 J2C	1.0579									
S355 K2C	1.0594									

EN 10025-3		USA ASTM	EN 10025-5		USA ASTM
S275 N	1.0490		S235 J0W	1.8958	
S275 NL	1.0491		S235 J2W	1.8961	
S355 N	1.0545		S355 J0W	1.8959	A588 A,B,C,K
S355 NL	1.0546	A572 Gr. 50	S355 J2W	1.8965	A588 A,B,C,K
S420 N	1.8902	A572 Gr. 60	S355 K2W	1.8967	A588 A,B,C,K
S420 NL	1.8912		S355 J0WP	1.8945	
S460 N	1.8901		S355 J2WP	1.8946	
S460 NL	1.8903				

EN 10025-4		USA ASTM	EN 10025-6		USA ASTM
S275 M	1.8818		S690Q/QL/QL1		A514 S
S275 ML	1.8819		S890Q/QL		
S355 M	1.8823		S960Q/QL		
S355 ML	1.8834	A945			
S420 M	1.8825				
S420 ML	1.8836	A945			
S460 M	1.8827				
S460 ML	1.8838				

EN 10149-2		USA ASTM
S315 MC	1.0972	
S355 MC	1.0976	A656 Gr. 50
S420 MC	1.0980	A656 Gr. 60
S460 MC	1.0982	
S500 MC	1.0984	A656 Gr. 70