

Low-alloy structure Carbon steel plate

Category	Adopting standard	Main steel grade
Low-alloy structure Carbon steel plate	ASTM A6/A6M Standard Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Piling	
	ASTM A36/A36M Standard Specification for Carbon Structural Steel	
	ASTM A242/A242M Standard Specification for High-Strength Low-Alloy Structural Steel	A242Gr42/46/50/290/315/345
	ASTM A283/A283M Standard Specification for Low and Intermediate Tensile Strength Carbon Steel Plates	A283GrA/B/C/D
	ASTM A506/A506M Standard Specification for Alloy and Structural Alloy Steel, Sheet and Strip, Hot-Rolled and Cold-Rolled	
	ASTM A514/A514M Standard Specification for High-Yield-Strength, Quenched and Tempered Alloy Steel Plate, Suitable for Welding	A514GrA/B/E/F/H/P/Q/S
	ASTM A529/A529M Standard Specification for High-Strength Carbon-Manganese Steel of Structural Quality	A529Gr50/55
	ASTM A572/A572M Standard Specification for High-Strength Low-Alloy Columbium-Vanadium Structural Steel	A572Gr42/50/55/60/65
	ASTM A573/A573M Standard Specification for Structural Carbon Steel Plates of Improved Toughness	A573Gr58/65/70
	ASTM A588/A588M Standard Specification for High-Strength Low-Alloy Structural Steel, up to 50 ksi [345 MPa] Minimum Yield Point, with Atmospheric Corrosion Resistance	A588GrA/B/C/K
	ASTM A606/A606M Standard Specification for Steel, Sheet and Strip, High-Strength, Low Alloy, Hot-Rolled and Cold-Rolled, with Improved Atmospheric Corrosion Resistance	A606Gr45/50/65/70
	ASTM A633/A633M Standard Specification for Normalized High-Strength Low-Alloy Structural Steel Plates	A633GrA/C/D/E
	ASTM A656/A656M Standard Specification for Hot-Rolled Structural Steel, High-Strength Low-Alloy Plate with Improved Formability	A656Gr50/60/70/80
	ASTM A678/A678M Standard Specification for Quenched-and-Tempered Carbon and High-Strength Low-Alloy Structural Steel Plates	A678GrA/B/C/D
ASTM A709/A709M Standard Specification for Structural Steel for Bridges	A709Gr36/50/50S/50W/HPS 50W/HPS 70W/100/100W/HPS 100W	
ASTM A710/A710M Standard Specification for Precipitation-Strengthened Low-Carbon Nickel-Copper-Chromium-Molybdenum-Columbium Alloy Structural Steel Plates	A710GrA/A710CL1/2/3 A710GrB/A710CL1/2/3	

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Low-alloy structure Carbon steel plate	ASTM A808/A808M Standard Specification for High-Strength, Low-Alloy Carbon, Manganese, Columbium, Vanadium Steel of Structural Quality with Improved Notch Toughness	
	ASTM A829/A829M Standard Specification for Alloy Structural Steel Plates	
	ASTM A852/A852M Standard Specification for Quenched and Tempered Low-Alloy Structural Steel Plate with 70 ksi [485 MPa] Minimum Yield Strength to 4 in. [100 mm] Thick	
	ASTM A871/A871M Standard Specification for High-Strength Low-Alloy Structural Steel Plate With Atmospheric Corrosion Resistance	A871Gr60/65
	ASTM A945/A945M Standard Specification for High-Strength Low-Alloy Structural Steel Plate with Low Carbon and Restricted Sulfur for Improved Weldability, Formability, and Toughness	
	ASTM A1008/A1008M Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable	
	ASTM A1011/A1011M Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength	
	EN 10025-1:2004 Hot rolled products of structural steels-Part 1: General technical delivery conditions	
	EN 10025-2:2004 Hot rolled products of structural steels-Part 2: Technical delivery conditions for non-alloy structural steels	S235JR,S275JR,S355JR S235JO,S275JO,S355JO,S450JO S235J2,S275J2,S355J2,S355K2 S185,E295,E335,E360
	EN 10025-3:2004 Hot rolled products of structural steels-Part 3: Technical delivery conditions for normalized/normalized rolled weldable fine grain structural steels	S275N,S355N,S420N S460N, S275NL,S355NL S420NL,S460NL
EN 10025-4:2004 Hot rolled products of structural steels-Part 4: Technical delivery conditions for thermomechanical rolled weldable fine grain structural steels	S275M,S355M,S420M S460M, S275ML,S355ML S420ML,S460ML	
EN 10025-5:2004 Hot rolled products of structural steels-Part 5: Technical delivery conditions for structural steels with improved atmospheric corrosion resistance	S235JOW,S235JOWP S355JOW, S275J2W,S355J2WP S355J2W,S355K2W	

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Low-alloy structure Carbon steel plate	EN 10025-6:2004 Hot rolled products of structural steels-Part 6:Technical delivery conditions for flat products of high yield strength structural steels in the quenched and tempered condition	S460Q,S500Q,S550Q,S620Q S690Q,S890Q,S960Q,S1100Q S460QL,S500QL,S550QL,S620QL S690QL,S890QL,S960QL,S1100QL S460QL1,S500QL1,S550QL1 S620QL1,S690QL1,S890QL1
	EN 10149-1:1996 Specification for hot-rolled flat products made of high yield strength steels for cold forming Part 1.General delivery conditions	
	EN 10149-2:1996 Specification for hot-rolled flat products made of high yield strength steels for cold forming-Part 2: Delivery conditions for thermomechanically rolled steels	S315MC,S355MC,S420MC S460MC,S550MC,S600MC S650MC,S700MC
	EN 10149-3:1996 Specification for hot-rolled flat products made of high yield strength steels for cold forming-Part 3: Delivery conditions for normalized or normalized rolled steels	S260NC,S315NC S355NC,S420NC