Structural Steel Sections

H / I / IPE / HEB / UB / Channel / Angle / Rail · ASTM A6 · EN 10025-2 · JIS G3101

PRODUCT RANGE

H beam	100×100 to 900×300 mm, including ASTM W series, EN HEB/HEA/HEM, JIS and GB series
I beam / IPE	IPE 80 to IPE 600; JIS and GB I series
Channel	UPN 50 – 400, UPE, JIS and GB channel series
Angle	Equal 20×20×3 to 200×200×20 mm; unequal leg on request
Rail	Light and heavy rail per GB / EN / AREMA designation, with or without drilling
Plate	American standard plate to ASTM A36 / A572 / A992 / A283, thickness and width per A6

GRADES

ASTM	A36, A572 Gr.50, A992, A588, A283 Gr.C/D
EN 10025-2	S235JR / J0 / J2, S275JR / J0 / J2, S355JR / J0 / J2 / K2
JIS G3101	SS400, SS490, SS540
GB/T	Q235B, Q355B, Q355D, Q420B

DIMENSIONS & TOLERANCE

Length	6 m, 12 m, or cut to order
Tolerance	EN 10034 / EN 10056 / EN 10029, or ASTM A6 for inch-series sections; declared in the quotation
Straightness	To the contracted standard; camber and sweep declared per bundle

SURFACE, TESTING & DOCUMENTS

Surface	As-rolled, shot-blasted (Sa2.5), or primer-coated
Testing	Tensile, yield, elongation and impact per the contracted grade; UT on request
Documents	Mill test certificate EN 10204 3.1, packing list, certificate of origin, third-party inspection on request
Packing	Bundled by size and heat number, steel strapping, lifting points marked

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Standard-derived selection ranges only. The binding specification is the written quotation plus the mill test certificate, at the standard edition in force on order date.