

HEB Beams

OMEGA STEEL CO.
Istanbul · Dilovası plant

HEB is the standard series of European wide-flange H-beams (EN 10365, DIN 1025-2 IPB): depth equal to the nominal number, flange width equal to depth up to HEB 300, thick flanges — the heavy-duty column and girder section. We stock HEB 100–400 in S275JR and S355J2 in 6 and 12 m from Turkish mills, cut square, drilled and base-plated in Dilovası; HEB 450–1000 to order.

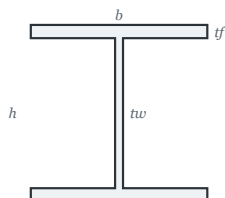
HEB 100–1000

S275JR · S355J2 stock

6 and 12 m

Heavy columns & girders

EN 10365 / 10034



HEB 200

HEB is the section a structural engineer draws when the column carries a crane, a silo or six floors: square in proportion, thick in the flange, forgiving of eccentricity. It is the H-beam that Gulf and Iraqi contractors order most from Turkey, and the one whose 12 m bars fill our flat-racks every month.

HEB DIMENSIONS AND WEIGHT PER METRE

Designation	h (mm)	b (mm)	tw (mm)	tf (mm)	kg/m	kg per 12 m	Bars per ton (12 m)
HEB 100	100	100	6.0	10.0	20.4	245	4
HEB 120	120	120	6.5	11.0	26.7	320	3
HEB 140	140	140	7.0	12.0	33.7	404	2
HEB 160	160	160	8.0	13.0	42.6	511	2
HEB 180	180	180	8.5	14.0	51.2	614	2
HEB 200	200	200	9.0	15.0	61.3	736	1
HEB 220	220	220	9.5	16.0	71.5	858	1
HEB 240	240	240	10.0	17.0	83.2	998	1
HEB 260	260	260	10.0	17.5	93.0	1 116	1
HEB 280	280	280	10.5	18.0	103	1 236	1
HEB 300	300	300	11.0	19.0	117	1 404	1
HEB 320	320	300	11.5	20.5	127	1 524	1
HEB 340	340	300	12.0	21.5	134	1 608	1
HEB 360	360	300	12.5	22.5	142	1 704	1

First 14 of 24 rows — the full table is on the product page.

Depth equals the nominal number; flange width = depth up to 300, then 300 mm. Tolerances EN 10034: depth ± 2 –5 mm, mass -4 % / $+6$ %.

GRADES AND STANDARDS

Grade	Yield (MPa)	Impact	Use
S235JR	235	27 J at +20 °C	general construction, indoor
S275JR	275	27 J at +20 °C	the stock grade for most beams
S355J2	355	27 J at -20 °C	heavy, dynamic or cold-climate structures
S355J0 / K2	355	0 / -20 °C (40 J)	to order
A572 Gr. 50 / A992	345	on order	ASTM-designed projects

Rolled sections are certified to EN 10025-2 (S grades) or ASTM A6/A572/A992; CE marking under EN 10025-1. S275JR is what we stock; S235JR and S355J2 are rolled to order or held in the common sizes.

STANDARDS

EN 10365:2017 / DIN 1025-2 — dimensions · EN 10034 — tolerances · EN 10025-2 — S235JR, S275JR, S355J2 · EN 10025-1 — CE marking