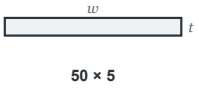
Steel Flat Bar

OMEGA STEEL CO.
Istanbul · Dilovası plant

Hot-rolled flat bar (EN 10058, Turkish lama) is rectangular section steel 20–200 mm wide and 3–20 mm thick, rolled with square edges, sold in 6 m bars. It is the raw material of fabrication — brackets, straps, flanges, ladder rungs, grating bearing bars, earthing strips, gate and railing frames. We stock 20×3 to 100×10 in S235JR at Dilovası (larger and S355J2 to order), cut, drilled, bent and galvanized to order.

20×3 – 200×20 mm | S235JR stock | 6 m bars | Cut, punched, bent, HDG | EN 10058



Nothing in the yard is simpler than a flat bar and nothing is used more: every bracket, strap, stiffener and clamp starts as a piece of lama. We stock the sizes a workshop uses daily, cut them to length on the shear, punch or drill them and galvanize them — including the 25×3 and 30×3 earthing strips that every substation in the Gulf orders by the ton.

FLAT BAR SIZES AND WEIGHT PER METRE

Size (mm)	Width (mm)	Thickness (mm)	kg/m	kg per 12 m	Bars per ton (12 m)
20 × 3	20	3	0.47	6	177
20 × 5	20	5	0.79	9	105
25 × 3	25	3	0.59	7	141
25 × 5	25	5	0.98	12	85
30 × 3	30	3	0.71	9	117
30 × 5	30	5	1.18	14	71
30 × 10	30	10	2.36	28	35
40 × 4	40	4	1.26	15	66
40 × 5	40	5	1.57	19	53
40 × 8	40	8	2.51	30	33
40 × 10	40	10	3.14	38	27
50 × 5	50	5	1.96	24	43
50 × 6	50	6	2.36	28	35
50 × 8	50	8	3.14	38	27

First 14 of 33 rows — the full table is on the product page.

kg/m = width × thickness × 0.00785. Tolerances EN 10058: width ±0.75–2 mm, thickness ±0.3–1 mm, straightness ≤ 0.4 %. Any width 20–200 and thickness 3–25 mm on request.

GRADES AND STANDARDS

Grade	Yield (MPa)	Impact	Use
S235JR	235	27 J at +20 °C	the stock grade for channels, angles and flats
S275JR	275	27 J at +20 °C	to order
S355J2	355	27 J at −20 °C	heavy or cold-climate structures, to order
A36 / A572 Gr. 50	250 / 345	on order	ASTM projects

Certified to EN 10025-2, CE-marked under EN 10025-1; S235JR is the stocked grade — sections are mostly governed by stiffness and connection geometry, so the higher grades are ordered only where the design demands them.

STANDARDS

EN 10058 — hot-rolled flat bars, dimensions and tolerances · EN 10025-2 — S235JR, S275JR, S355J2 · EN 10025-1 — CE marking · EN ISO 1461 — hot-dip galvanizing