

Square hollow sections — square tube, box section, MS square pipe — are cold-formed and high-frequency welded from hot-rolled strip in our Dilovası mill to EN 10219: 15×15 to 250×250 mm, wall 1.2–10 mm, S235JRH as standard and S355J2H for structural sizes, in 6 and 12 m. The full size and weight-per-metre table from our own production list is below; the most-used sizes (20×20 to 100×100) are in stock every day.

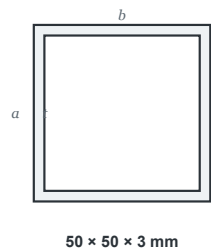
15×15 – 250×250 mm

Wall 1.2–10 mm

S235JRH · S355J2H

6 and 12 m

Own tube mill



Square tube is the section a fabricator uses without thinking: fence and gate frames, machine guards, racks, columns, trusses, trailer bodies. We roll it ourselves from Erdemir and Tosyalı strip, which is why the size list runs from 15 mm to 250 mm in twenty-two sizes and eight walls, and why a mixed truck of it leaves Dilovası every day.

SQUARE HOLLOW SECTION SIZES AND WEIGHT PER METRE

Size (mm)	Wall (mm)	kg/m	kg per 6 m bar	Bars per ton
15 × 15	1.5	0.64	3.84	260
15 × 15	2	0.82	4.92	203
16 × 16	1.5	0.68	4.1	244
20 × 20	1.5	0.85	5.1	196
20 × 20	1.9	1.04	6.24	160
20 × 20	2	1.09	6.54	153
20 × 20	2.5	1.37	8.22	122
25 × 25	1.5	1.07	6.42	156
25 × 25	1.9	1.32	7.92	126
25 × 25	2	1.38	8.28	121
25 × 25	2.5	1.73	10.38	96
25 × 25	3	2.05	12.3	81
30 × 30	1.5	1.26	7.56	132
30 × 30	1.9	1.56	9.36	107

First 14 of 130 rows — the full table is on the product page.
Nominal mass per EN 10219-2 with corner radii; 6 m standard length, 12 m on request.

GRADES, STANDARDS AND TOLERANCES

Grade / standard	Yield (MPa)	Note
S235JRH — EN 10219-1	≥ 235	the standard grade for all black sections from stock
S275J0H	≥ 275	to order
S355J2H	≥ 355	thick-wall and structural sections, stock in common sizes
ST37 / ST52	235 / 355	DIN names still used in tenders
ASTM A500 Gr. B / C	290 / 345	ASTM projects, to order

Cold-formed to EN 10219-1/2 (tolerances: outside dimension ±1 %, wall ±10 %, straightness 0.2 %, corner radius 1.6–2.4 t). CE-marked under EN 10219-1; strip certificates EN 10204 3.1.

STANDARDS

EN 10219-1/2 — cold-formed welded structural hollow sections · EN 10025-2 / EN 10219-1 grades S235JRH, S275J0H, S355J2H · ASTM A500 on request · EN 10204 3.1; CE marking