

TECHNICAL SPECIFICATION: MESH GERMANY



Description of the product

Welded mesh for structural use made from class B500B high-ductility hot-rolled welding steel. Suitable for use in seismic areas.

Range of dimensions – Packaging

WELDED MESH ACCORDING TO DIN 488 – B500B														
Type	Wire \varnothing mm		Mesh mm		Sheet mm		Wire projection mm		Sheets per pack	Sheet weight Kg	No. of wires per sheet		Wire weight per sheet kg	
	Long.	Transv.	Long.	Transv.	Width	Length	Long.	Transv.			Long.	Transv.	Long.	Transv.
Q 188 B	6	6	150	150	6000	2300	75	25	50	41,736	16	40	21,312	20,424
Q 257 B	7	7	150	150	6000	2300	75	25	40	56,776	16	40	28,992	27,784
Q 335 B	8	8	150	150	6000	2300	75	25	30	74,260	16	40	37,920	36,340
Q 424 B	7 - 9	9	150	150	6000	2300	75	25	30	84,356	8 \varnothing 7 - 8 \varnothing 9	40	38,448	45,908
Q 524/B	7 - 10	10	150	150	6000	2300	75	25	20	100,876	8 \varnothing 7 - 8 \varnothing 10	40	44,112	56,764
Q 636 B	7 - 9	10	125	100	6000	2350	62,5	25	20	131,998	8 \varnothing 7 - 16 \varnothing 9	48	62,400	69,598
R 188 B	6	6	250	150	6000	2300	125	25	50	33,566	16	24	21,312	12,254
R 257 B	7	6	250	150	6000	2300	125	25	50	41,246	16	24	28,992	12,254
R 335 B	8	6	250	150	6000	2300	125	25	40	50,174	16	24	37,920	12,254
R 424 B	8 - 9	8	250	150	6000	2300	125	25	30	67,212	4 \varnothing 8 - 12 \varnothing 9	24	45,408	21,804
R 524 B	8 - 10	8	250	150	6000	2300	125	25	30	75,708	4 \varnothing 8 12 \varnothing 10	24	53,904	21,804

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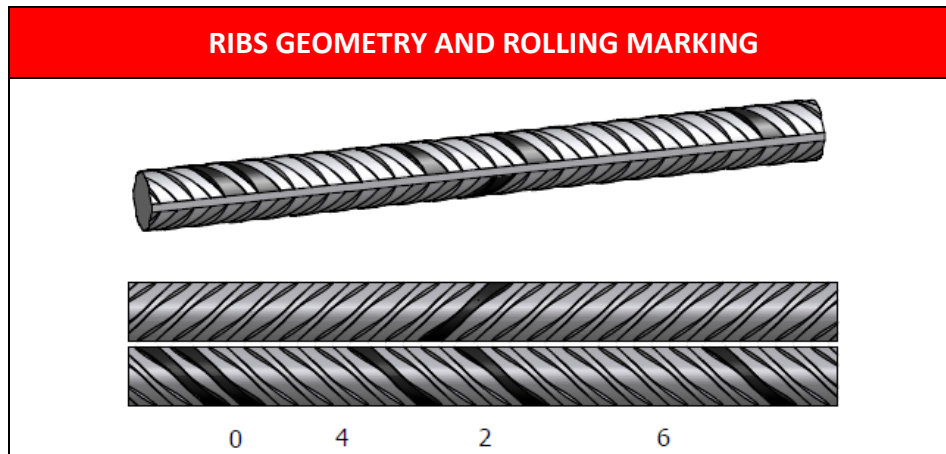
Labelling

Each pack is identified with a metal or paper plastic label containing the following information:

- Company logo
- Lot number
- Diameter
- Steel grade
- Production date
- Standards references
- Certification logos
- QR Code

Certifications

Each delivery is accompanied by the certificate 3.1 (standard UNI EN 10204)



CONFORMITY TO STANDARDS

Country	Standard	Grade	Certifications
GERMANY	DIN 488	B 500 B	✓

CHEMICAL COMPOSITION

C % max	P % max	S % max	Cu % max	N % max	Ceq. Max
0.22	0.050	0.050	0.80	0.012	0.50
(0.24)	(0.055)	(0.055)	(0.85)	(0.014)	(0.52)

The figures in brackets refer to product analysis

MECHANICAL PROPERTIES

Standard	Grade	Re N/mm ²	Rm N/mm ²	Rm/Re	Rm/Re nom.	Agt %
DIN 488	B 500 B	≥ 500		≥ 1.08	≤ 1.30	≥ 5.0