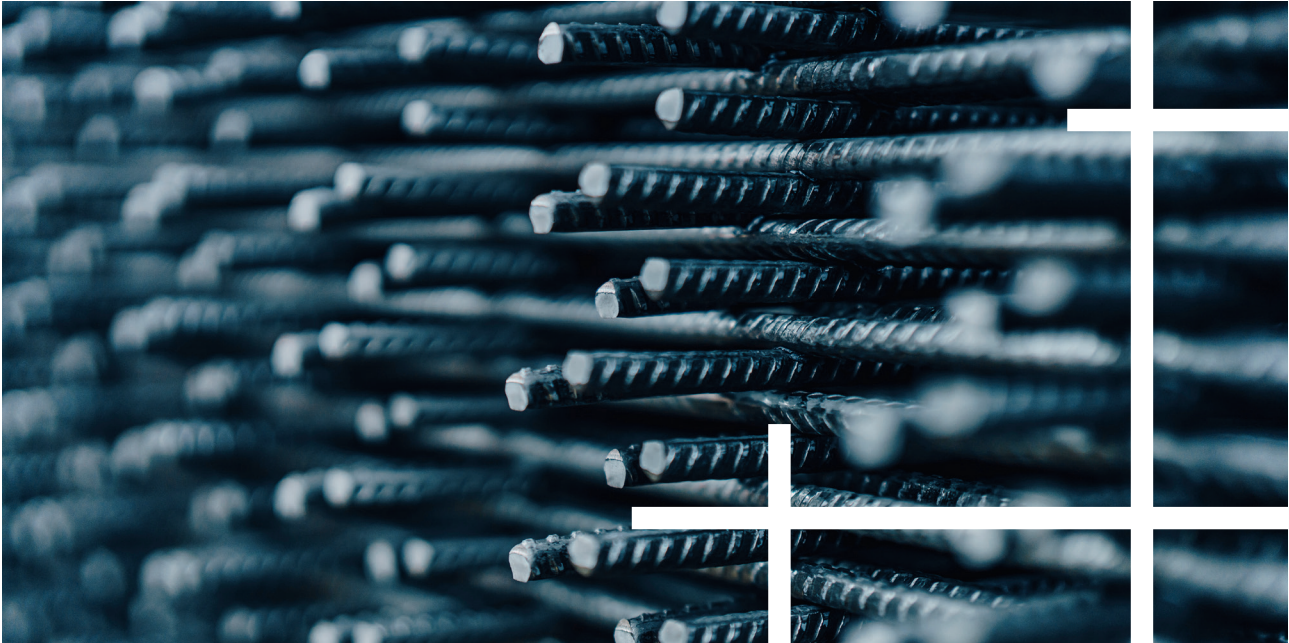


HEAVY-SPECIAL MESH



Heavy special mesh is the logical and consistent development of reinforcement mesh that is used as reinforcement in flat load-bearing structures. It is not a reinforcement steel mesh as described in DIN 488, but rather is welded reinforcement steel as per DIN EN ISO 17660*.

Heavy special mesh is produced either by machine, or by hand. If the production options allow it, the user can design these reinforcement elements according to the static and constructive considerations.

Machine production: from \varnothing 6 mm to \varnothing 16 mm
 Manual production: from \varnothing 6 mm to \varnothing 40 mm

***Explanation:** in DIN 488, reinforcement steel meshes are described as industrially prefabricated welded reinforcement elements using resistance spot welding. Their maximum bar diameter does not exceed 12.0 mm. In general, the application rules for reinforcement steel meshes cannot be applied to industrially prefabricated and welded reinforcement elements with wire diameters > 12.0 mm.

PRODUCT SPECIFICATION

Grade	» B500B	Diameter	» 6 to 40 mm
Ductility	» High	Yield point R_e	» min. 500 MPa
Surface	» Ribbed	Ratio tensile strength / yield strength R_m/R_e	» min. 1,08
Fabricated	» According to EN 17660	Elongation at max. load A_{gt}	» min. 5 %
Availability	» On request		