



S690 QL EN 10025–6:2004 + A1:2009

Quenched and tempered structural steel

Of the steels defined in standard EN 10025-6 + A1:2009, Part 6: "High yield strength structural steels in the quenched and tempered condition", Ruukki manufactures steel grade S690QL. Ruukki has been authorised to use the CE marking for steel grade S690QL. The marking is notified of in a supplement to the inspection document.

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Dimensions & properties

Yield strength R _{eH} MPa	Tensile strength R _m MPa	EN 10025-6: 2004 + A1:2009	Heavy plate thickness mm	Obsolete standard EN 10137-2 1995
690	770 – 940	S690QL ^{1) 2) 3)}	6 – 60	S690QL

¹⁾ The code "S" for steel grade S690QL means structural steel.

²⁾ The code "Q" refers to the delivery condition, in this case to quenched and tempered.

³⁾ Code "L" means that the average minimum values for impact energy have been defined at a temperature of –40°C.

Download dimensions of hot-rolled heavy plate and strip products

Order & delivery

Inspection documents

Inspection documents are EN 10204 compliant.

General terms of sale for hot rolled steels

General delivery information for hot rolled steels can be found from documents *Markings and packing*, *Ultra-sonic testing*, *Terms of transport* and *General terms of sale*.