

READY TO ASSEMBLE HIGH STRENGTH STEEL FLAT BARS



PRODUCT DESCRIPTION

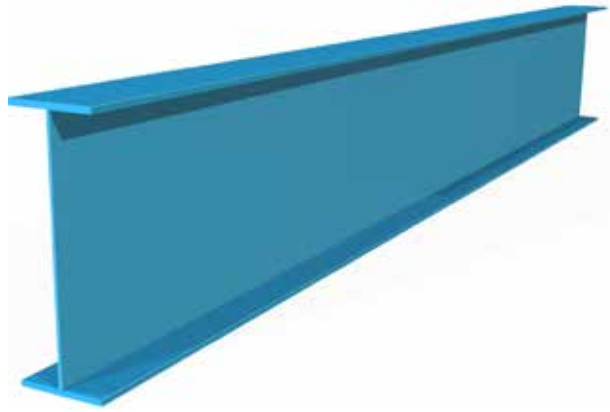
SSAB delivers high quality flat bars of Strenx® 700MC performance steel for different applications. These flat bars are ideal as components in beams, as flanges and/or webs but can be used for other applications where you need a high strength flat bar. Straight flat bars of Strenx® steel is provided in a large range of dimensions. Flat bars in dimensions not listed here are available upon request.

FEATURES AND BENEFITS

- Shorter lead times in trailer production
- Excellent mechanical and workshop properties
- Savings in welding and other processing costs
- Increased payload and durability
- Less material in stock
- Less scrap handling.

TECHNICAL DATA FOR HIGH STRENGTH STEEL FLAT BARS

PROPERTY	VALUE	REMARKS
Thickness	8 – 12 mm	Strenx 700MC or Strenx 700MC PLUS
Length, maximum	12 300 mm	Longer lengths possible with special transport
Width, minimum	110 mm	
Flatness tolerance	6 mm/m	3 mm/m by special agreement
Straightness tolerance	1 mm/m	
Length tolerance	-0/+20 mm	
Width tolerance	-1.5/+1.5 mm	Width range of 120 to 150 mm



MATERIAL SPECIFICATION

Strenx® 700MC is a hot rolled structural steel made for cold forming, for stronger and lighter structures. Strenx® 700MC meets or exceeds the requirements of S700MC in EN 10149-2. Typical applications include a wide range of components and parts in demanding load bearing structures.

THICKNESS

Tolerances according to Strenx® Thickness Guarantees.
Strenx® Guarantees offer considerably narrower thickness tolerances compared to EN 10 051.

DELIVERY CONDITIONS

- Flame cut bars with removal of burr/flash and rounded corners
- Cut surface quality: u, range 4/Rz5, range 3. Tolerance according to EN ISO 9013
- Normally delivered in bundles of 10 pcs.

PROCESSING AND OTHER RECOMMENDATIONS

Welding, bending and machining

Recommendations are found in Strenx® brochures at www.ssab.com or consult SSAB Tech Support, techsupport@ssab.com.

Appropriate health and safety precautions must be taken when welding, cutting, grinding or otherwise working on this product during assembly.

ADDITIONAL INFORMATION

Visit www.ssab.com/services

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