STRENX® PERFORMANCE STEEL SHEET

Table containing data for different steel grades with columns for Yield strength, Tensile strength, Elongation, Bending radius, CEV/CET, and Thickness.

STRENX® PERFORMANCE STEEL PLATE

Table containing data for different steel grades with columns for Yield strength, Tensile strength, Elongation, Bending radius, CEV/CET, and Thickness.

STRENX® PERFORMANCE STEEL TUBE

Table containing data for different steel grades with columns for Yield strength, Tensile strength, Elongation, Bending radius, CEV/CET, and Wall thickness.

STRENX® PERFORMANCE STEEL SECTION

Table containing data for different steel grades with columns for Yield strength, Tensile strength, Elongation, Bending radius, CEV/CET, and Wall thickness.
TECH SUPPORT

Tech Support provides you with technical support over the phone and via e-mail. You will receive an answer straight away or at the latest within 24 hours. We welcome questions in any language and invite you to work closely with our Technical Managers and expert groups. Our aim is to simplify your work in design, materials selection, fatigue, deflection, bending, drilling, machining and welding.

CONTACT

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TOOLOX® ENGINEERING AND TOOL STEEL

| Temperature °C | Hardness guaranteed HBW | Impact energy Min. J | Yield strength $R_{p0.2}$ MPa* | Tensile strength $R_{m}$ MPa* | Elongation $A_{5}$ (%)* | Yield strength $R_{p0.2}$ MPa* | Impact energy J | Plate thickness mm | Bar diameter mm |
|----------------|-------------------------|----------------------|----------------------------------|-------------------------------|-------------------------|----------------------------------|----------------|----------------|----------------|----------------|
| Toolox® 33     | -40 °C                   |                       | 275−325                          | 850                           | 980                     | 16                               | 800            | 100            | 6 − 130 mm | 21 − 141 mm |
| Toolox® 40     | -40 °C                   |                       | 360−420                          | 1150                          | 1260                    | 14                               | 38 J           | 6 − 130 mm | 21 − 141 mm |
| Toolox® 44®    | -40 °C                   |                       | 410−475                          | 1300                          | 1450                    | 13                               | 1250           | 30             | 6 − 130 mm | 21 − 172 mm |

Plates are tested in transverse direction. Bars are tested in longitudinal direction.

* Typical values are for guidance only.

** Temperature °C | Hardness guaranteed HBW | Impact energy Min. J | Yield strength $R_{p0.2}$ MPa* | Tensile strength $R_{m}$ MPa* | Elongation $A_{5}$ (%)* | Yield strength $R_{p0.2}$ MPa* | Impact energy J | Plate thickness mm | Bar diameter mm |
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Plates are tested in transverse direction. Bars are tested in longitudinal direction.

* Typical values are for guidance only.

The typical testing temperature for Toolox® is room temperature.

Wear plate for maximum payload & longer service life.

High-strength, high-performance structural steel.

Ready-to-use engineering & tool steel for saving time to market.

SALES CONTACTS

Find your local sales contact at www.ssab.com

Certain restrictions apply to the product program.

This is an extract from the product data sheets and recommendations.

Consult www.ssab.com for complete recommendations and properties.