

Product description

The pre-hardened steel for extrusion dies and engineering components

Toolox® 44 pre-hardened steel is suitable for extrusion dies and engineering components that require high strength. It possesses good workshop properties.

Toolox 44 is a pre-hardened engineering and tool steel. Despite its high hardness, Toolox 44 combines very good machinability with dimensional stability during machining.

Its nominal 450 HBW/45 HRC hardness makes Toolox 44 your ideal choice for demanding mold and die applications. The high steel cleanliness gives Toolox 44 very good polishing, A2 gloss, and texturing capabilities.

In applications that demand additional surface hardness to counteract wear, you can nitride and PVD coat Toolox 44 to customize the mold or die properties. Surface engineering can be carried out as long as the deposition temperature does not exceed 590°C (1,094°F).

Dimensions

Toolox 44 6-130mm thickness plates

Properties

Thickness (mm)	Hardness (HBW) ¹⁾
6- 130	410- 475

¹⁾ EN ISO 6506-1 0.5- 2mm thickness

Heat treatment

Temperature (°C)	Time (min)
20 °C	18 min J

²⁾ EN 10 025 EN ISO 148

Material

EN 160 SSAB V6

Supplier

SSAB 41- Strenx® Hardox® Armox® Toolox-UK® www.toolox.com

Product

SSAB AccuRollTech® - AccuRollTech® EN 10 029 Class C

Product

EN 10 029

Product

EN 10 029 Class N

Product

Toolox 44 EN 10 163-2 Class B Subclass 3

Product

590 °C

SSAB

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Toolox 44 is a high speed steel with a hardness of 590°C.

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Contact Information

www.ssab.com/contact

