

TOOLOX[®]

ENGINEERING & TOOL STEEL



“Too good
to be true”

The statement on the front page comes from many users worldwide after they tried Toolox for the first time.

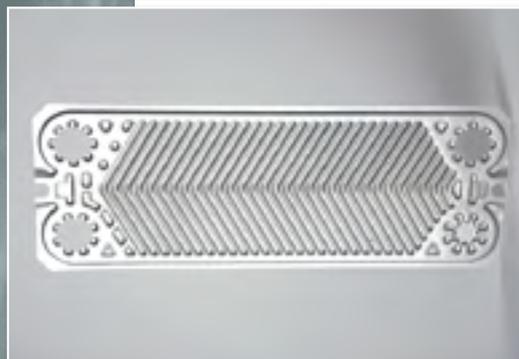
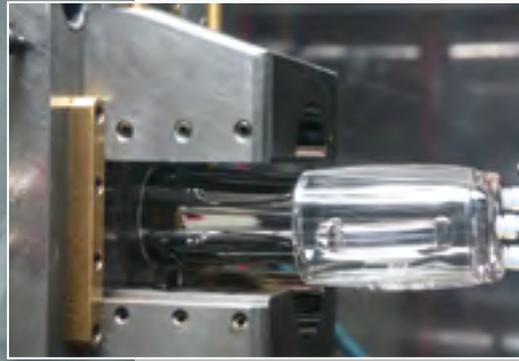
Why? What are the advantages with Toolox?

- ▶ **Toolox is a pre-hardened engineering and tool steel**
You do not need to send your component away for heat treatment after machining. It is already done!
- ▶ **Toolox is designed to be shaped**
The steel is extremely clean, has a homogeneous microstructure and excellent dimensional stability when machining, which provides you with an outstanding material also very suitable for surface engineering such as polishing, texturing and nitriding.
- ▶ **Toolox has excellent properties at elevated temperatures**
It is excellent for tools and components working at elevated (up to 590°C) temperatures.
- ▶ **Toolox is available in different formats**
The properties are wrapped up in either plates or rounds, you choose the best dimension for you.



Toolox is typically used
in the following areas

- ▶ Moulding
- ▶ Hot forming
- ▶ Applications working at elevated temperatures
- ▶ Stamping, punching
- ▶ Machine components



Toolox products

Toolox 33		
Plate thickness (mm)	Round bars diameter (mm)	Hardness (HBW)
6-130	21-141	275-325
Impact toughness Test temperature	Impact energy, Charpy-V, min J	
20° C	35	

Toolox 40	
Plate thickness (mm)	Hardness (HBW)
6-130	360-420
Impact toughness Test temperature	Impact energy, Charpy-V, min J
20° C	20

Toolox 44		
Plate thickness (mm)	Round bars diameter (mm)	Hardness (HBW)
6-130	21-141	410-475
Impact toughness Test temperature	Impact energy, Charpy-V, min J	
20° C	18	

More information in our data sheets available at www.toolox.com

SSAB is a Nordic and US-based steel company. SSAB offers value added products and services developed in close cooperation with its customers to create a stronger, lighter and more sustainable world. SSAB has employees in over 50 countries. SSAB has production facilities in Sweden, Finland and the US. SSAB is listed on the Nasdaq OMX Nordic Exchange in Stockholm and has a secondary listing on the Nasdaq OMX in Helsinki