

The revolutionary corrosion resistant
tool holder steel grade

Idun

**WHEN TIME IS
WHAT MATTERS**



THE DIFFERENCE THAT KEEPS YOU AHEAD

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THE FIRST PATENTED CORROSION RESISTANT TOOL HOLDER STEEL ON THE MARKET. AND IN THE WORLD.

Idun is the world's first patented corrosion resistant tool holder steel. It is delivered in pre-hardened condition and provides the possibility to start machining the finished part directly.





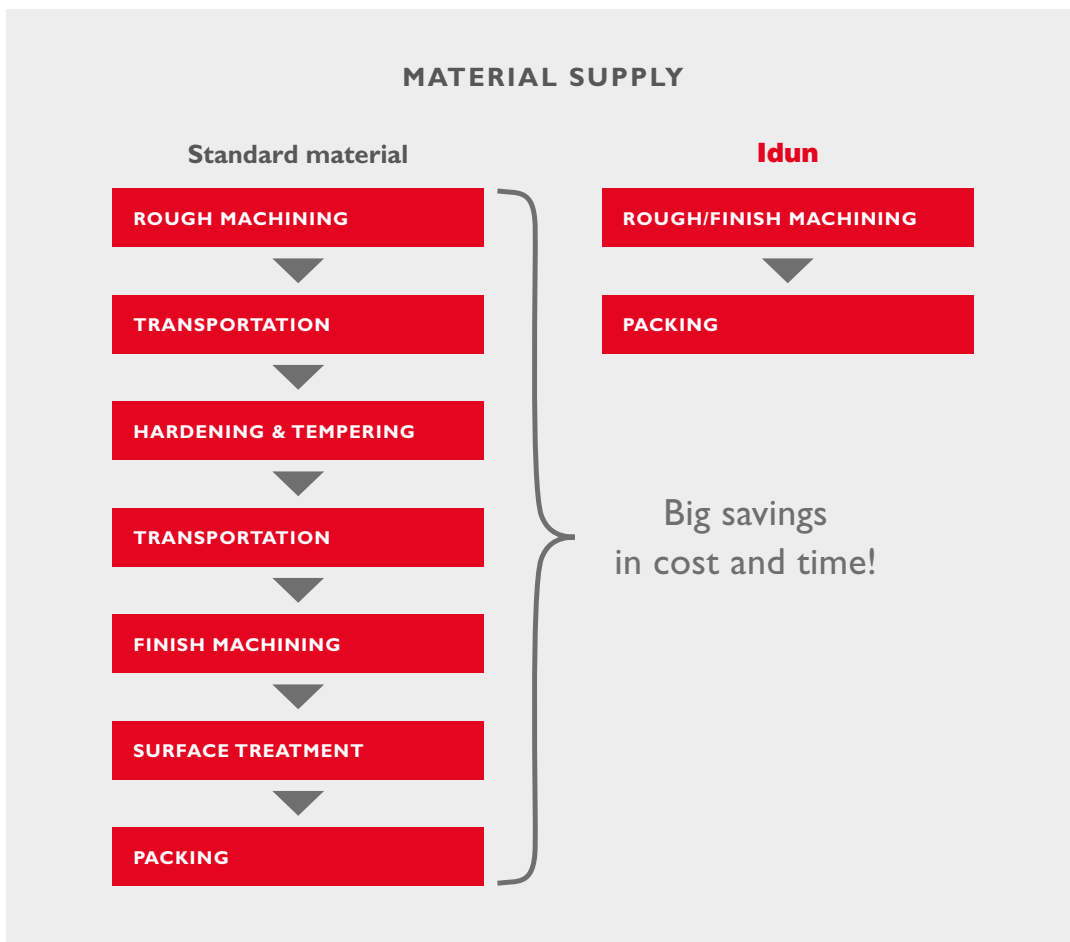
MEET IDUN, OUR NEWEST AND BRIGHTEST STAR.

It shares the superior qualities that always accompany the members of the Tool Holder Concept - meeting your requirements on durability while still being good to machine. With Idun we offer you even more: a possibility to change the game. A corrosion resistant steel grade that is delivered in pre-hardened condition.

BIG SAVINGS WITH SHORTER TOOL MAKING LEAD TIME.

Idun allows you to skip the long and costly process of hardening, surface treatment and the transportation in between that is normally required with standard materials.

A safe and reliable fast forward button to your finished product. It shortens tool making lead time and improves tool holder durability. It is e.g. perfect for custom made tool holders.

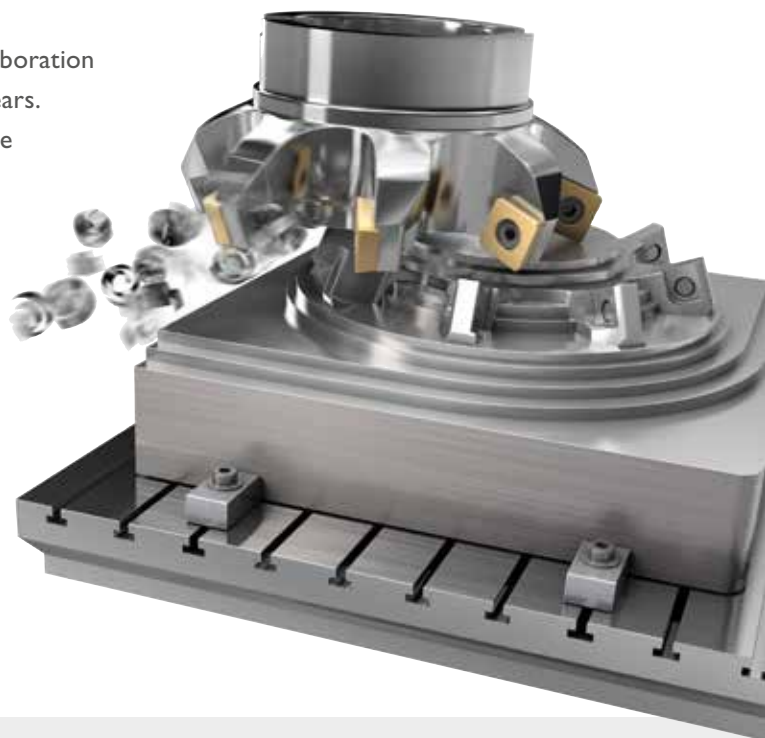


CHANGING THE GAME:

DEVELOPED WITH THE PURPOSE TO SAVE

The driving force behind our research and development is always to enhance your competitiveness and strengthen your business. Idun is the solution that keeps you ahead.

During development we have worked in close collaboration with leading tool holder manufacturers for many years. Together we wanted to create the market's ultimate problem solver - a corrosion resistant steel grade that shortens your time to market. Idun has gone through a purposeful and rigorous process of research, development and testing. Because we know that reliable and efficient steel is essential for good results.



**CORROSION
RESISTANT 01**

**BIG SAVINGS IN
TIME AND MONEY 02**

**ENVIRONMENTALLY
FRIENDLY 03**

IDUN IN SHORT

- First corrosion resistant tool holder grade on the market
- Delivered in pre-hardened condition
- No heat treatment or nickel coating needed
- Good machinability
- To replace standard tool holder materials
- Applications: milling cutters and drills
- Health benefits: no nickel handling



PROPERTY COMPARISON

	Idun	P20 type
FATIGUE & HOT STRENGTH		
WEAR RESISTANCE		
MACHINABILITY PRE-HARDENED		
COATING SUITABILITY		
TIME TO MARKET		
CORROSION RESISTANCE		

TOOL HOLDER CONCEPT

is developed specifically for the extreme working conditions of drilling, milling and turning applications. In close collaboration with leading tool holder manufacturers we bring a new generation of unique, specialised steel grades to life.

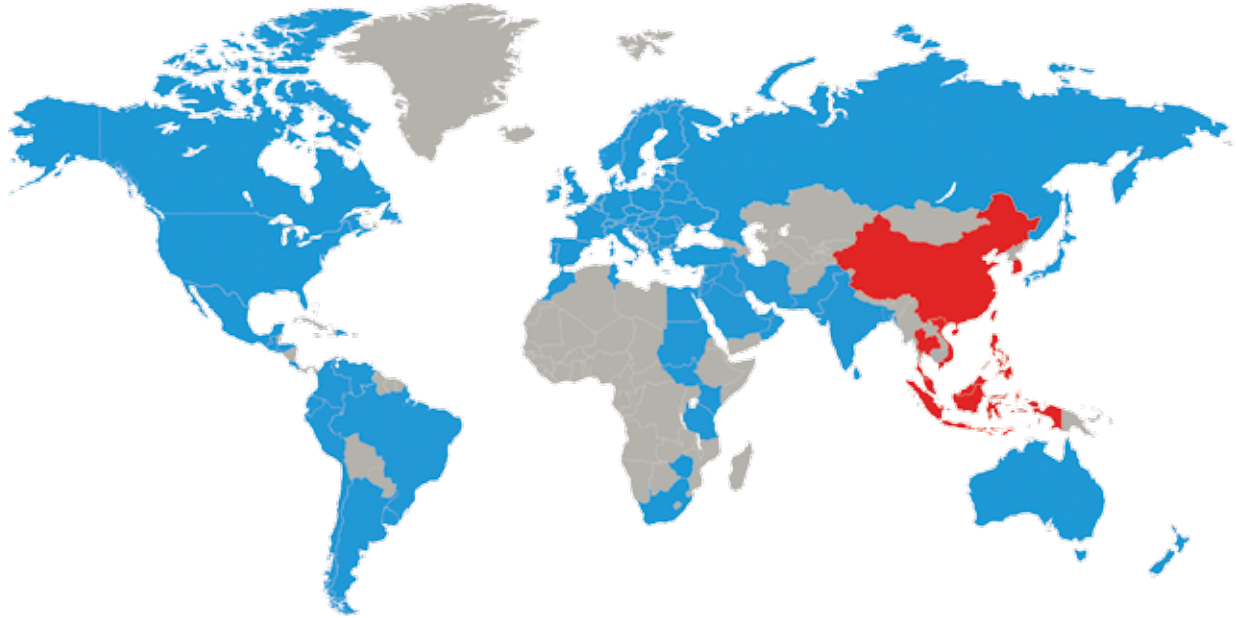


OTHER OFFERS IN OUR TOOL HOLDER CONCEPT

Balder : a pre-hardened steel for indexable insert cutting tools subjected to high temperatures and with high demands on machinability.

Bure : delivered in soft condition for applications with severe demands on mechanical properties and machinability.





Choosing the right steel is of vital importance. ASSAB engineers and metallurgists are always ready to assist you in your choice of the optimum steel grade and the best treatment for each application. ASSAB not only supplies steel products with superior quality, we offer state-of-the-art machining, heat treatment and surface treatment services to enhance steel properties to meet your requirement in the shortest lead time. Using a holistic approach as a one-stop solution provider, we are more than just another tool steel supplier.

ASSAB and Uddeholm are present on every continent. This ensures you that high quality tool steel and local support are available wherever you are. Together we secure our position as the world's leading supplier of tooling materials.

For more information, please visit www.assab.com