

The revolutionary corrosion resistant
tool holder steel grade

Uddeholm Idun

**WHEN TIME IS
WHAT MATTERS**



UDDEHOLM

THE DIFFERENCE THAT KEEPS YOU ONE STEP AHEAD



This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as a warranty of specific properties of the products described or a warranty for fitness for a particular purpose. Classified according to EU Directive 1999/45/EC.



SS-EN ISO 9001
SS-EN ISO 14001



#1 IN HIGH PERFORMANCE TOOL STEEL

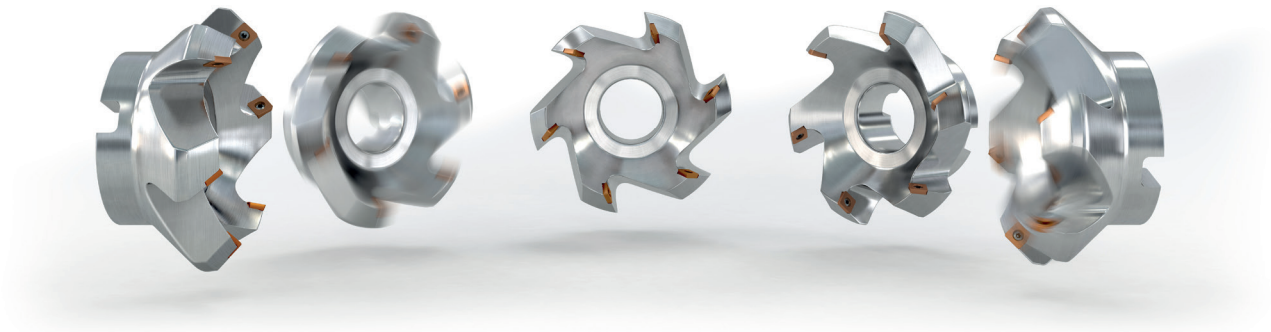
With pioneering research and development, innovative thinking and deep commitment, Uddeholm offers business-enhancing steel solutions to premium clients all over the world.

What started as a small iron mill in 1668 has now become the world's leading provider of tool steel, with business and operations in 90 countries. Always with the promise to deliver solutions that enhance competitiveness and create added value for our customers.



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

Uddeholm 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.

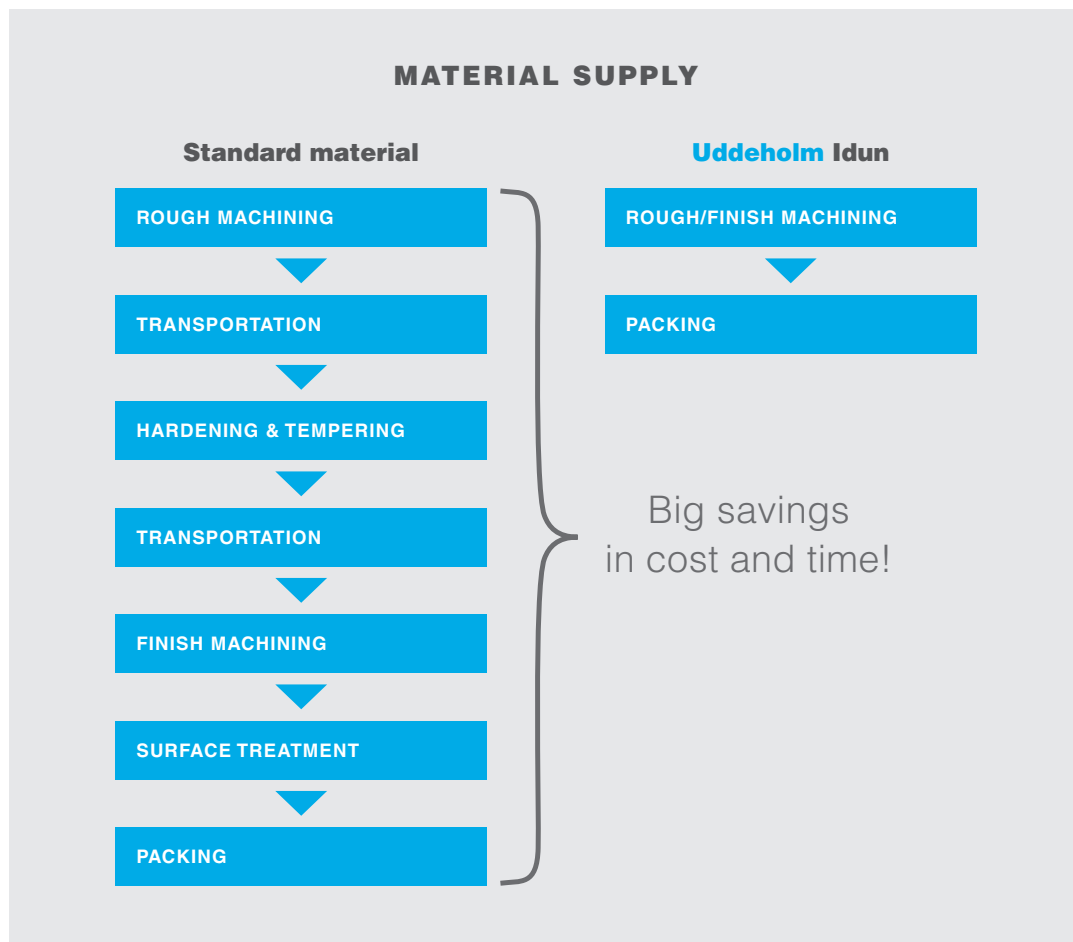


MEET UDDEHOLM IDUN, OUR NEWEST AND BRIGHTEST STAR.

It shares the superior qualities that always accompany the members of the Uddeholm Tool Holder Concept - meeting your requirements on durability while still being good to machine. With Uddeholm 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.

Uddeholm 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.



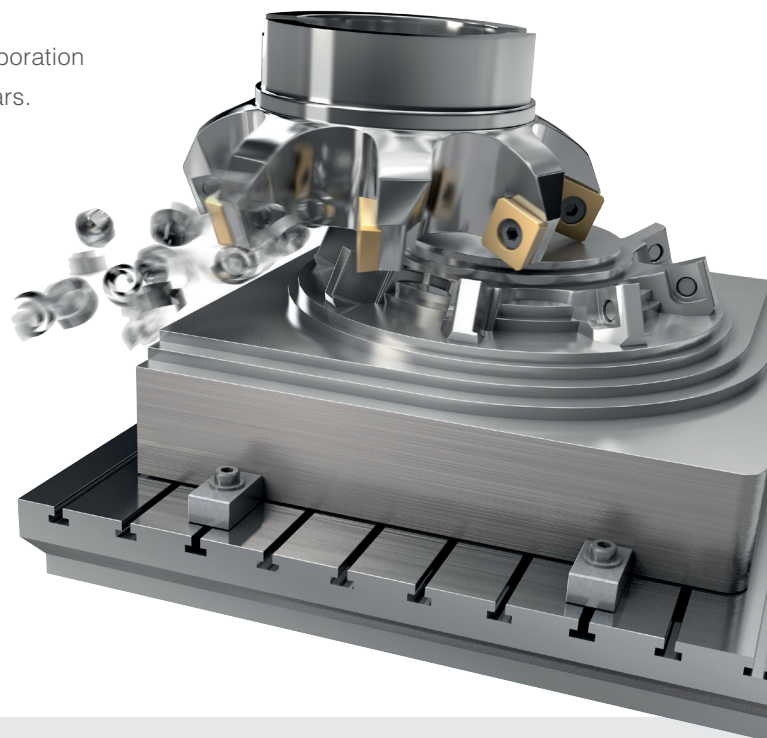
CHANGING THE GAME:

DEVELOPED WITH THE PURPOSE TO SAVE TIME

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

Uddeholm 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.



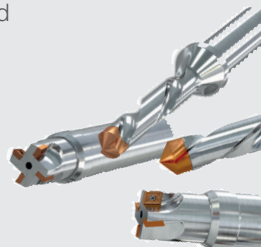
**CORROSION
RESISTANT 01**

**BIG SAVINGS IN
TIME AND MONEY 02**













**ENVIRONMENTALLY
FRIENDLY 03**

UDDEHOLM 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

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

UDDEHOLM 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, specialized steel grades to life.



OTHER OFFERS IN OUR TOOL HOLDER CONCEPT

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

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



#1 IN HIGH PERFORMANCE TOOL STEEL

Since 1668 we have been providing a wide range of innovative cutting-edge solutions for our customers in demanding segments. Our dedicated employees work in almost ninety countries and together we deliver improved competitiveness to clients worldwide. Welcome to Uddeholm, #1 in high performance tool steel.