

## Introducing

# VANCRON 40 SuperClean<sup>3</sup>

## Advanced Low Friction Tool Steel

Vancron 40 is a nitrided powder tool steel which means a surface coating is already integrated into the finished tooling material.

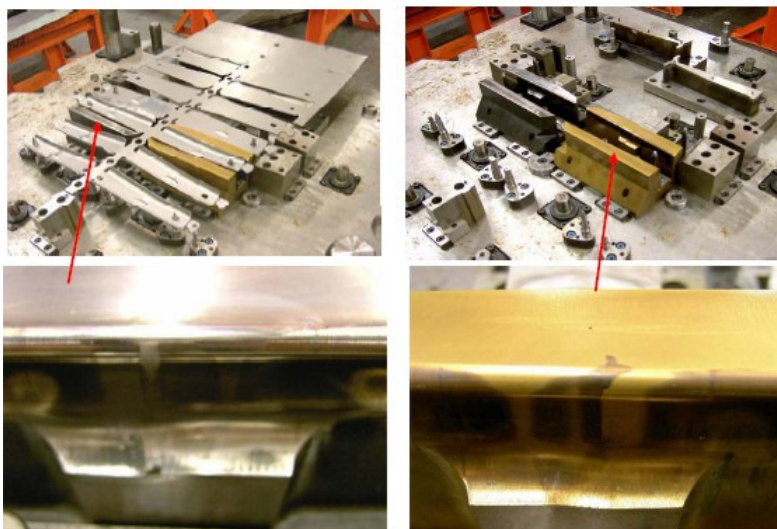
### Typical Analysis

C	Si	Mn	Cr	Mo	W	V	N	Delivered Hardness
1.1	0.5	0.4	4.5	3.2	3.7	8.5	1.8	~300 Brinell

### Main Attributes

- Very high adhesive resistance
- Good chipping & cracking resistance
- Good through hardening properties
- Very good resistance to tempering back
- Eliminates the need for surface coating
- Very high galling resistance
- High compressive strength
- Good dimensional stability in hardening
- Good WEDM properties
- Good machinability

Vancron 40's anti-galling profile means that it's an ideal steel for high volume production tooling where coatings would normally be required to prevent galling.



Vancron 40 - uncoated

Sleipner + CVD

**For more information contact your nearest Bohler Uddeholm branch**