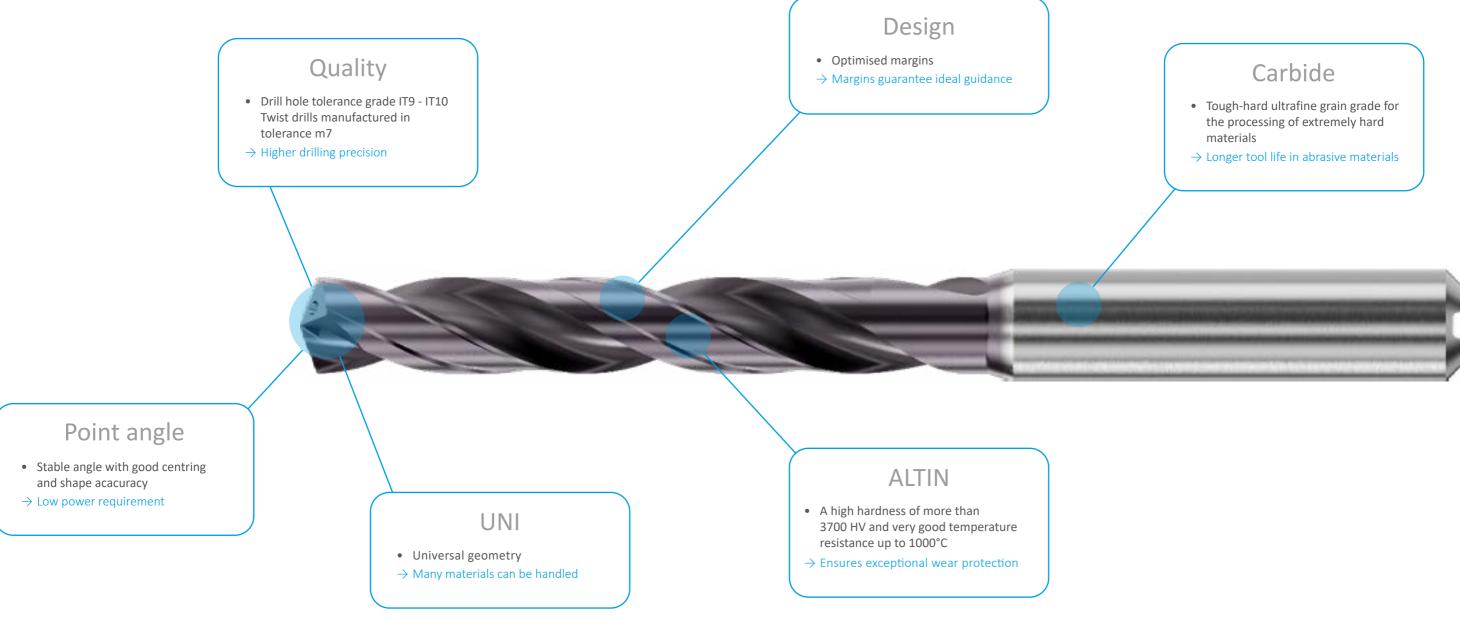


# NEW PRODUCTS









### AVAILABLE DIMENSIONS

Ø 3 up to Ø18

#### FEATURES

- Specially developed geometry for universal use up to 1400N/mm<sup>2</sup> (44HRc)
- High manufacturing technology
- Dimensions designed for tapping and forming
- Axial colant supply

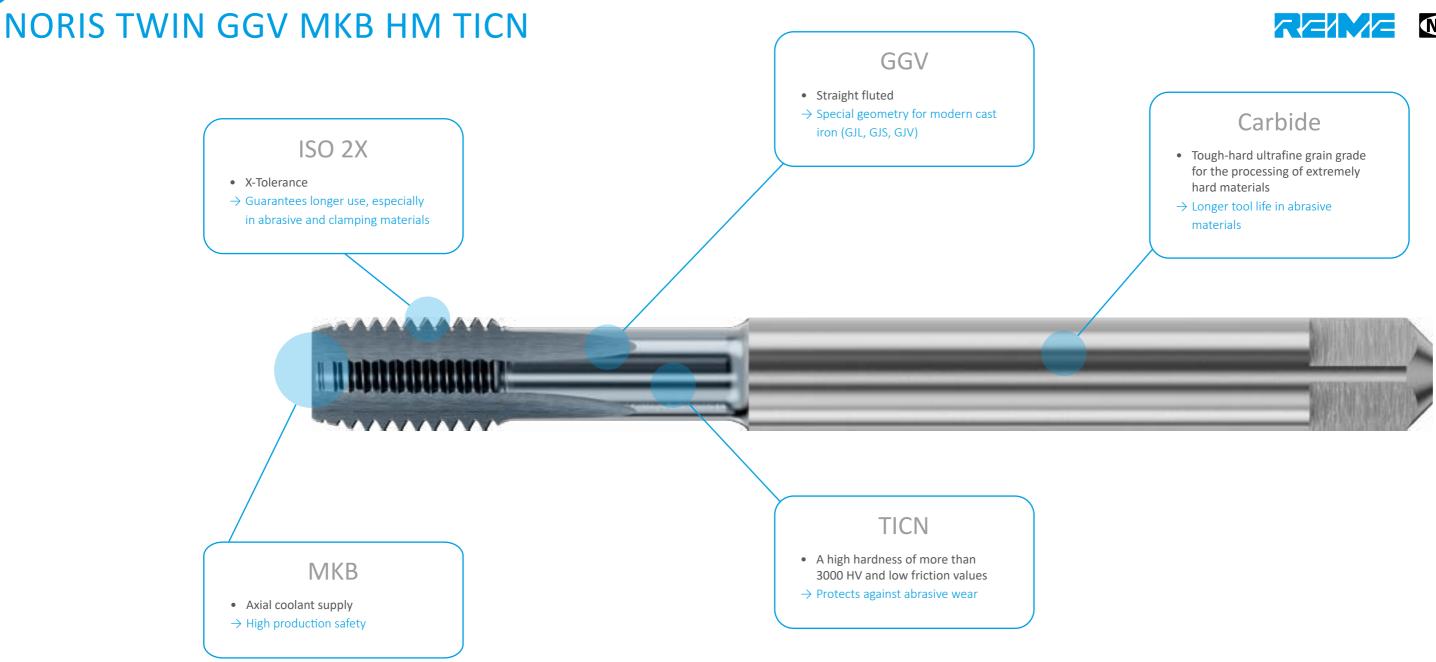
#### ADVANTAGES

- Excellent machining behaviour in various material groups
- Four optimised margins guarantee ideal guidance during processing





- Reduction of investments
- Reduction of tool costs
- Increasing the quality



#### AVAILABLE DIMENSIONS

M4 up to M16 (ISO2X) M12x1,5 up to M20x1,5 (ISO2X)

### FEATURES

- Special designed geometry for cast materials
- Higher number of flutes
- Reduced chamfer length for short thread run out

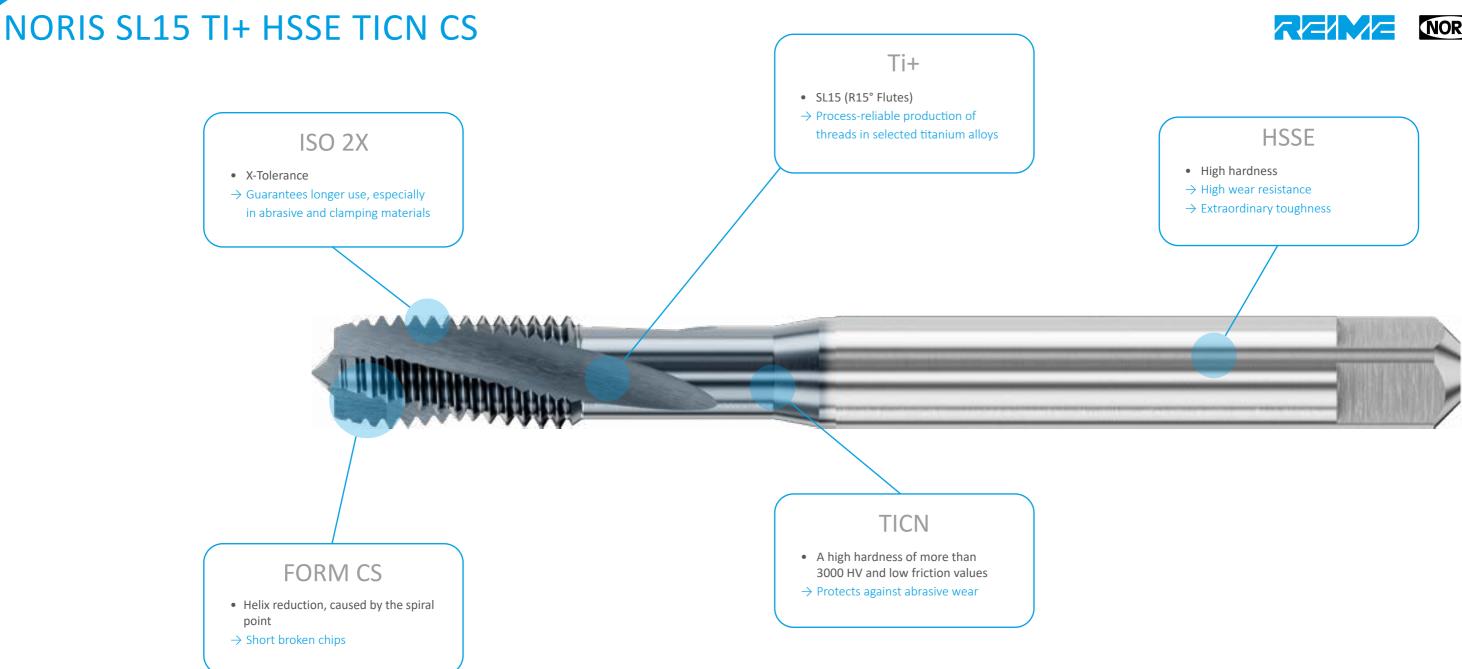
## ADVANTAGES

- High cutting speed
- Increased wear resistance due to carbide and TICN
- Optimised geometry for longer tool life in abrasive cast materials
- Increased X-Tolerance for more tool life in abrasive or clamping workpiece materials





- Long machine run
- Increase production safety
- Reduce machine down time



### AVAILABLE DIMENSIONS

M3 up to M10 (ISO2X)

### FEATURES

- New developed tap geometry Ti+ for processreliable thread production in selected titanium alloys
- Helix reduction in the chamfer
- Stable cutting flutes SL15 (R15° flutes) for 2xD thread depth

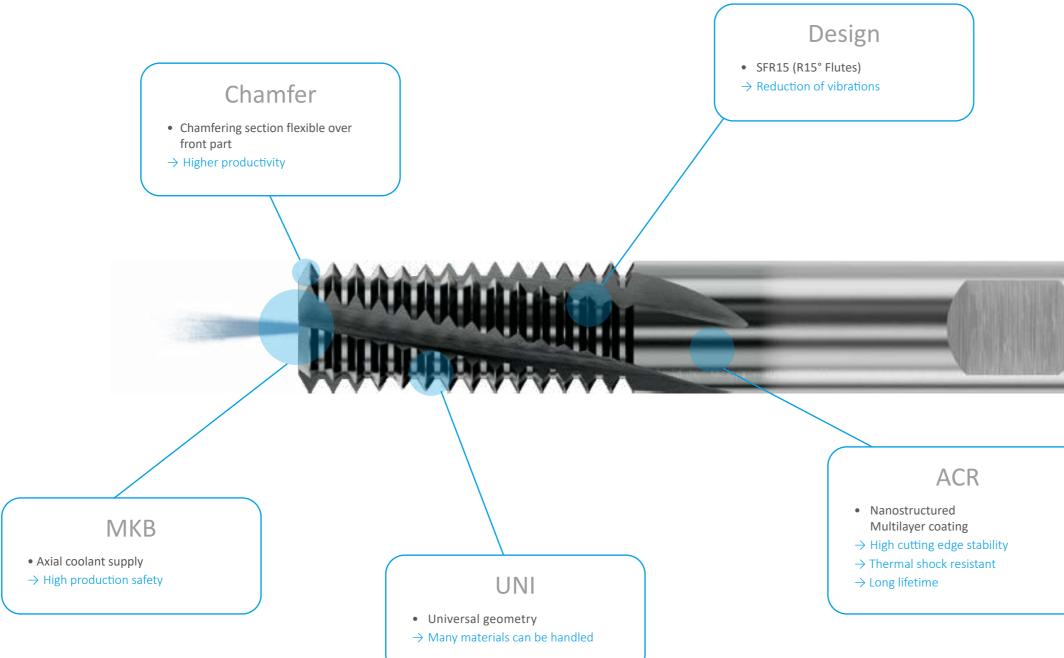
## ADVANTAGES

- High surface quality
- Additional spiral point for tighter rolled and smaller broken chips
- Large clearance angle prevents cold welding



- Less tool costs
- Long machine run
- Perfect manufacturing result

# NORIS SF R15 UNI MKB 2xD K20



### AVAILABLE DIMENSIONS

- M M3 up to M16
- MF M5x0,5 up to M16x1,5
- UNC Nr.10 up to 3/4
- UNF Nr.10 up to 3/4
- G 1/8 up to 1"
- NPT 1/16 up to 2"

## FEATURES

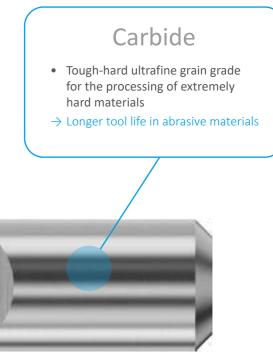
- Universal use possible
- Chamfering section over front part
- Special flute design R15° for smooth milling

### ADVANTAGES

- Smooth milling thanks to flutes with 15° helix angle
- Diameter-independent chamfering of the Core hole with front part possible
- Cross-dimension profile design for more flexibility
- Reduction of the required tools

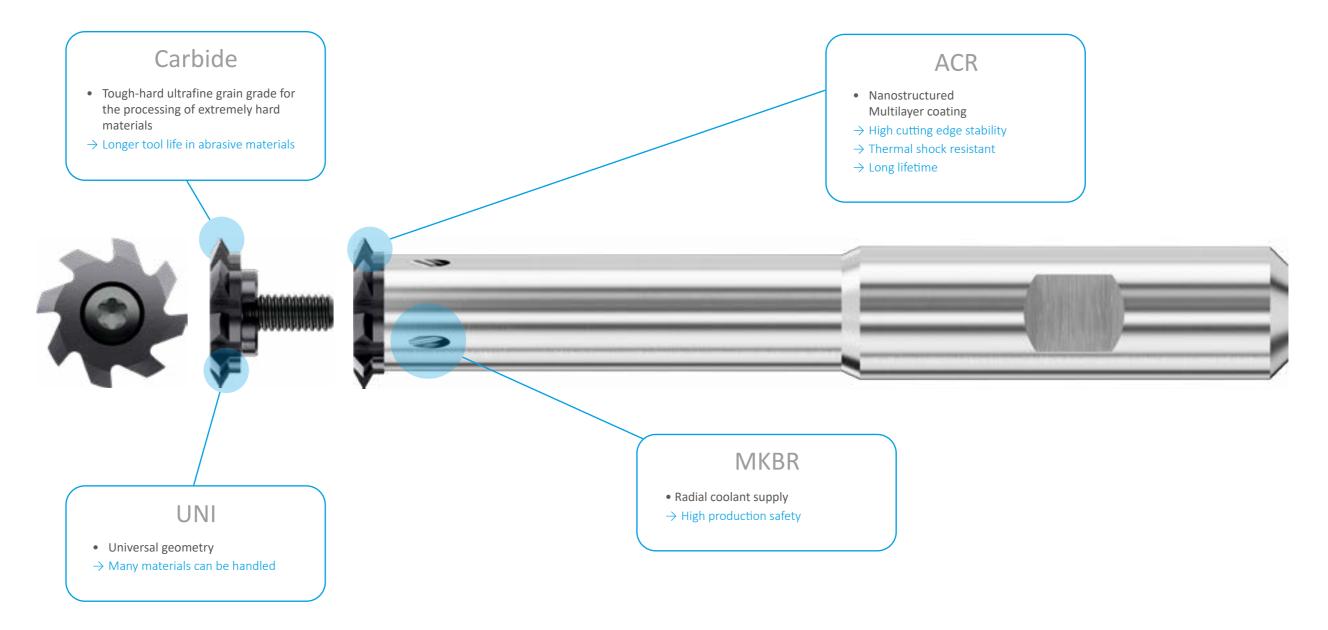






- Higher flexibility
- High production safety
- Reduce tool stock

# NORIS NES-Z MKBR + NORIS HM-SP ACR



### AVAILABLE DIMENSIONS

- M M12 up to M39
- MF Depending on the pitch range
- UN Depending on the pitch range
- G 1/4 up to > G 1 1/8

### FEATURES

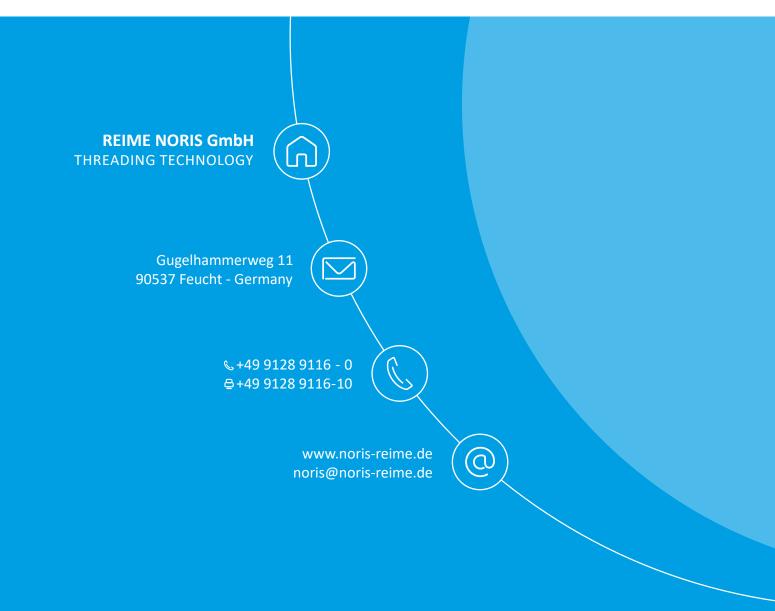
- Exchangeable carbide face instert
- Holder out of tool steel
- Available in 2xD and 2.5xD

#### ADVANTAGES

- Vibration-free
- Different inserts 60° and 55°
- Easy handling
- Consistently high path feeds reduce cost-intensive machining times



- Reduce stock keeping
- Avoid work piece damage
- Higher productivity



# DISCOVER MORE!

www.noris-reime.de