

ITS BORE

09-2024

MARCH 2024

METRIC

Automation  
Grooving  
NEW  
Productivity  
ISCAR  
Metalworking  
MILLING  
Machin  
NEW  
Threading  
NEW  
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Systems  
Innovation  
DRILLING  
Connectivity  
mation

# NPA

New Product Announcement



High Accuracy



Inner Coolant  
Feature



New Generation  
Tools



## ITSBORE

# BSFD - Boring Super Fine Digital

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# NPA

New Product Announcement

## NEW PREVIEW

ITSBORE  
BSFD- Boring Super Fine Digital

### Highlights

BHD MB Boring Heads Will be Replaced with a New Line of Tools Called BSFD or Boring Super Fine Digital.

The Boring Heads Feature an MB20 to MB80 Connection.

Boring Super Fine Digital Heads from  $\varnothing 3\text{mm}$  –  $\varnothing 203.1\text{mm}$ .

### Main Features

- One display for all fine boring heads diameters.
- 0.001 diameter accuracy.
- Inner coolant feature

### Product Features

- Reversible display (LH/RH).
- The display unit is docked with magnetic forces on the tool.
- A direct measurement system with no backlash.
- As there are no batteries, nor an evaluation unit in the tool, it is less prone to water damage.
- Easy to operate.
- Retractable boring bar.
- The unit is intended for digital and analog use and therefore the head and dial can be adjusted.

### Applications

- The tools are best suited for high precision boring operations with high accuracy. Suitable for automotive, off-road, aerospace and general engineering applications.
- Can be used as an alternative for reaming operations with high tolerances in cases of interrupted cutting conditions.

### Benefits

- Easy to operate operating instructions are included with each head.
- Diameter can be adjusted by use of the digital screen.
- Each head has a highly reliable MB connection, allowing modular assemblies with infinite options.

### Marketing

- Covers a wide range of diameters by use of Boring Super Fine Digital heads.
- The ability to use the MB20 connection (to machine diameters  $\varnothing 23.9 - 37.1\text{ mm}$ ) with a digital read-out, was unavailable on the BHD system.
- Internal coolant prolongs insert tool life.
- BSFD - The successor of the BHD



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