

Hikoki Europe

HIKOKI CONFIDENTIAL

Hikoki Proline accessories

# SDS-Max hammer drill bits

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# 1. New generation SDS-Max drill bits

In a rolling change on the same item numbers, the SDS-Max drill bits are upgraded to a new technical design.

- Improved flute for debris transportation
- New head design



# Modification of the SDS-Max drill bits:

### Head Design:

- › Power Shoulder™ design: improved breakup performance in concrete and optimal reinforcement suitability
- › PGM-tested for accurate drilled holes for secure anchor connections

### Centering tip and short start-up

- › enables self-centering of the drill bit
- › optimal control while drilling
- › Fast drilling dust removal from the drill bit head in the flute

### Rebar chamfers

- › optimal drilling behavior in case of reinforcement collisions

### **NEW: Multi-Value-Flute™ flute design**

- › 2-fluted
- › **Alternate ridge width:**
  - › Narrow ridge width for fast drilling and reduced friction
  - › Thick ridge width for structural support and reduced wear
- › **Alternate core strength:**
  - › Optimized core strength as lightweight design for speed support
  - › Solid core strength for protection against fractures



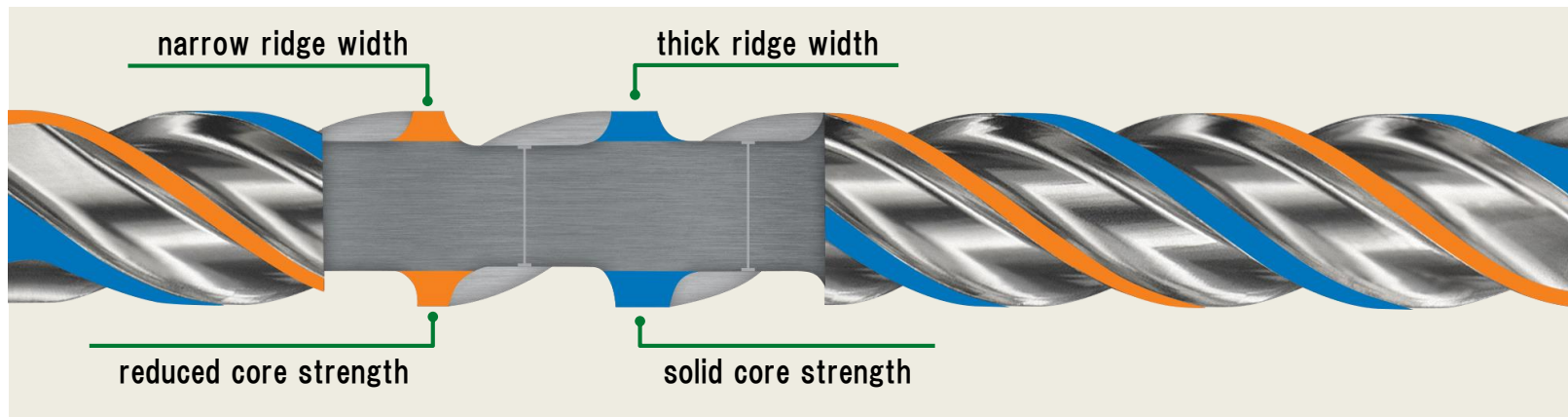
### **For drills from Ø 16 mm:**

- › Head turned 90° for optimization of drilling dust removal
- › Wear marks

## 2. Technical Specifications

### New flute design:

#### Multi-Value-Flute™ (MVF) flute design



##### Speed design element

- › Narrow ridge width for fast drilling and reduced friction
- › Optimized core strength as lightweight design for speed support

→ **Faster drilling**

##### Heavy-duty design element

- › Thick ridge width (structural support and reduced wear)
- › Solid core strength for protection against fractures

→ **Increased durability**  
→ **Increased life in rebar**

# 3. Product changes

## Modifications on the SDS-Max drill bits:

Drill bit head up to Ø 15 mm:

### Previous generation



#### Head design

- › Speed 2-cutter with Power Shoulder design
- › Centering tip
- › Patented rebar chamfers
- › PGM-tested carbide tips



#### Shank/flute

- › KVS-flute
- › 2-fluted

### New generation



#### Head design

- › Speed 2-cutter with Power Shoulder design
- › Centering tip
- › Patented rebar chamfers
- › PGM-tested carbide tips



#### Shank/flute

- › Multi-Value-Flute™ (MVF) flute design
- › 2-fluted

# 3. Product changes

## Modification of the SDS-Max drill bits:

Drill bit head from Ø 16 mm:

### Previous generation



#### Head design

- › Powerful 4-cutter with Power Shoulder™ design
- › Stable, self-centering tip
- › Wear marks
- › Patented rebar chamfers
- › PGM-tested carbide tips



#### Shank/flute

- › KVS-flute
- › 2-fluted

### New generation



#### Head design

- › Speed 4-cutter with Power Shoulder™ design
- › Head turned 90° for optimization of drilling dust removal
- › Stable, self-centering tip
- › Wear marks
- › Patented rebar chamfers
- › PGM-tested carbide tips



#### Shank/flute

- › Multi-Value-Flute™ (MVF) flute design
- › 2-fluted

# 3. Product changes

This modification is coming in a rolling change.

- Same part numbers
- Same barcode numbers
- Same prices

The following modifications have been made:

Item Number	Diameter [mm]	Total length Old [mm]	Work length Old [mm]	Total length New [mm]	Work length New [mm]
750912	12	690	550	740	600
750913	12	920	780	940	800
750916	14	920	780	940	800





**END**

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**HIGH PERFORMANCE POWER TOOLS**