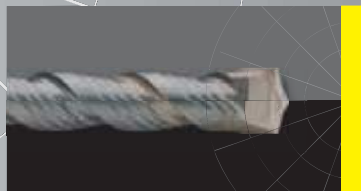


# SDS-plus MS5

## MULTI-STEP HELIX



FROM PROFESSIONALS  
FOR PROFESSIONALS



HAMMER DRILL BIT

# SDS-plus MS5 ADVANTAGES

**THE MS5 HELIX**

reduces the vibration loads  
generated during drilling

**LONGER SERVICE LIFE****THE MS5 HELIX**

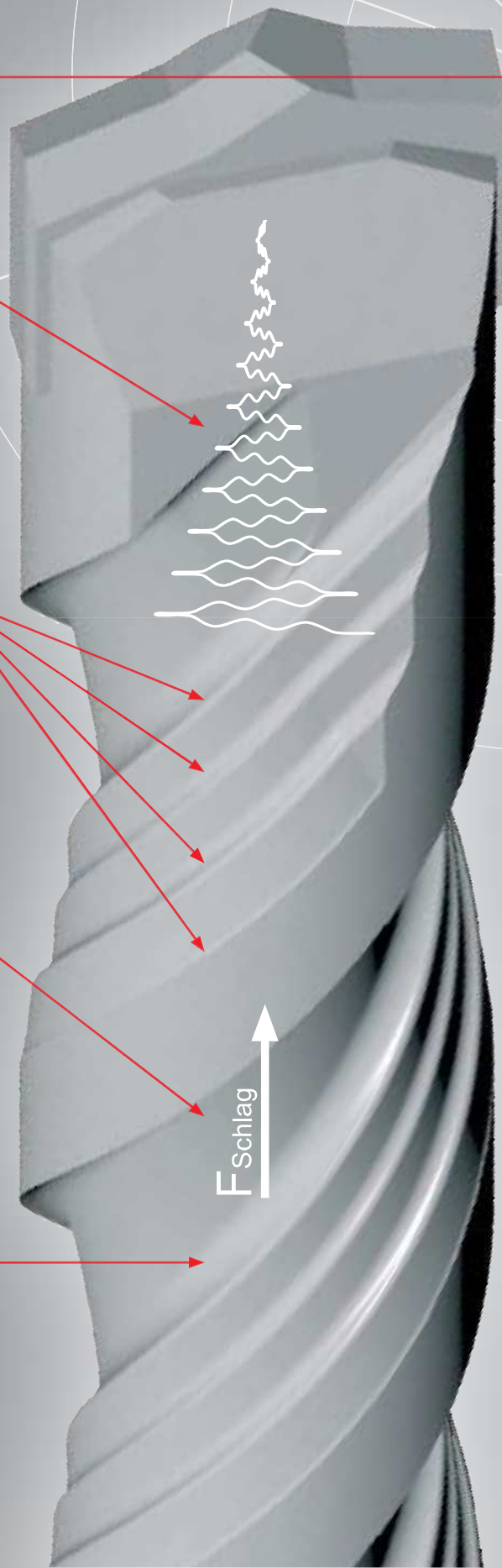
reduces the torsion loads  
generated during drilling

**NO ACCUMULATION OF SPOIL****THE MS5 HELIX**

provides for optimum transfer of the  
impact energy of the hammer drilling machine

**HIGHER DRILLING SPEED****THE MS5 HELIX**

has a strengthened core and rounded  
step transitions

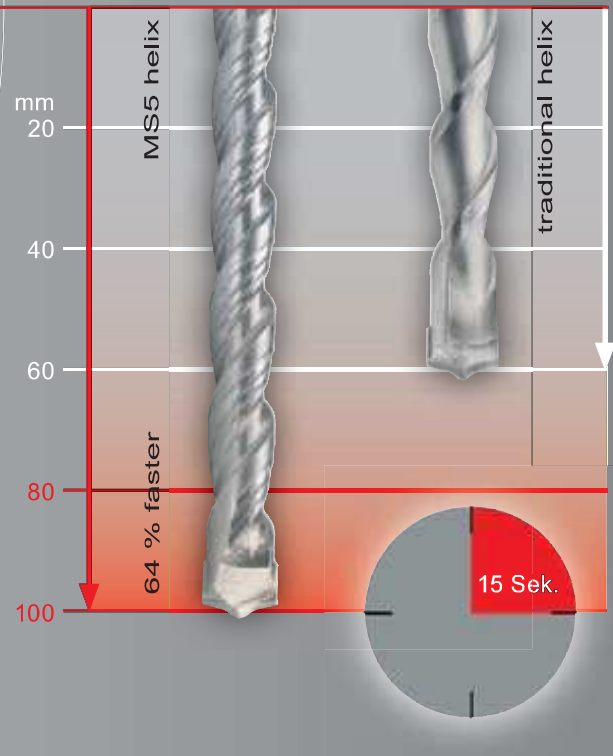
**GREATER FRACTURE RESISTANCE**

# SDS-plus MS5 COMPARATIVE TEST

## WORKING PROFESSIONALLY MEANS WORKING ECONOMICALLY

This shows the comparative drilling with the MS5 Multi-step helix and a traditional helix. Hole depth for drilling time of 15 seconds, using SDS-plus hammer drill bits TURBOKEIL 6 x 100 x 160 mm in C25 concrete.

**64 % FASTER WITH  
MS5 MULTI-STEP HELIX!**



## SDS-plus MS5 MULTI-STEP HELIX



The production process for the MS5 helix has been patented. The number of steps on the helix and radii on the drill bit depend on the bit diameter:

4– 5 mm	2 helix steps	6 radii
6– 7 mm	4 helix steps	10 radii
8– 9 mm	6 helix steps	14 radii
10–12 mm	8 helix steps	18 radii
13–14 mm	6 helix steps	14 radii
15–16 mm	8 helix steps	18 radii
17–26 mm	10 helix steps	22 radii

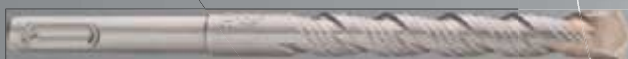
DEVELOPED FOR EXPERTS

## SDS-plus MS5 HAMMER DRILL BIT

# KEIL®

### VARIO

for professional use



### TURBOKEIL

with centring tip for the highest demands keeps going – even through reinforced concrete



- Centring tip
- Carbide plate guide
- Strengthened carbide plate
- Larger cutting angle

The new KEIL hammer drill bit generation can be used for the hardest materials in all SDS-plus hammer drilling machines.



Masonry



Reinforced  
Concrete



Natural  
Stone



Artificial  
Stone



The PGM-seal guarantees a product of high quality manufactured under controlled and certified conditions. Drill bits with the PGM-mark produce geometrically exact holes giving a firm support to the anchor fixing and maximum safety to the user. The family company KEIL Werkzeugfabrik is a founder member of the Masonry Drill Testing Association (PGM) and has been authorised to use the PGM-mark for more than 30 years.



KEIL Werkzeugfabrik is certified to DIN EN ISO 9001:2008. Every professional can rely on the high quality of our products. With more than 40 years of drill bit manufacturing experience, we are your ideal partner.

