



# Ucan

**FASTENING PRODUCTS**

*BUILDING LASTING CONNECTIONS*

**CONCRETE DRILLING AND CHISELLING**  
**HIGH PRECISION - LONG LIFE**

[www.ucanfast.com](http://www.ucanfast.com)

To ensure optimum performance of our anchors, we have, for sixty years, been a supplier of professional quality carbide tipped drill bits manufactured to ANSI and DIN tolerances.

In keeping with our policy of remaining in the forefront of technology, we are proud to introduce our new and improved line of drill bits and chisels. These tools now incorporate the very latest developments in the industry and they are specifically designed to withstand the increased strains imposed by the current generation of high torque, harder hitting, power tools.

Prominent in this range are the new Premium ULTRAPLUS and ULTRAMAX 4-cutter drill bits for SDS PLUS and SDS MAX hammers. These drill bits have been developed to outperform all others in drilling speed, longevity, and resistance to breakage.

Our standard SDS PLUS and ROTARY PERCUSSION bits have also been upgraded and the range of CHISELS has been extended.

Also added to the line is a new single piece SDS MAX CORE CUTTER with several important innovations to improve drilling efficiency. The regular CORE CUTTER is similarly upgraded.

DIAMOND CORE CUTTERS and JUP Non-percussion Universal Bits continue to gain in popularity as problem solvers for drilling drilling tough tile.

### STRAIGHT SHANK ROTARY-PERCUSSION

Manufactured to  
**ANSI**  
B 212.15 Standard

- High quality carbide tip brazed to tempered steel shank for faster drilling and longer life
- Designed for use in rotary percussion or rotary only drills
- Centering tip ensures accurate hole location



#### AVAILABLE SIZES

1/8 x 3	7/16 x 6
5/32 x 3	12mm x 6
5/32 x 6	1/2 x 6
11/64 x 3	1/2 x 12
3/16 x 3	1/2 x 20
3/16 x 6	1/2 x 24
6mm x 4	5/8 x 6
6mm x 6	5/8 x 12
1/4 x 4	5/8 x 24
1/4 x 6	3/4 x 6
1/4 x 12	3/4 x 12
1/4 x 24	3/4 x 24
5/16 x 4	7/8 x 6
5/16 x 6	7/8 x 12
3/8 x 6	1 x 6
3/8 x 12	1 x 12
3/8 x 20	
3/8 x 24	
3/8 x 40	

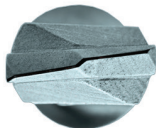
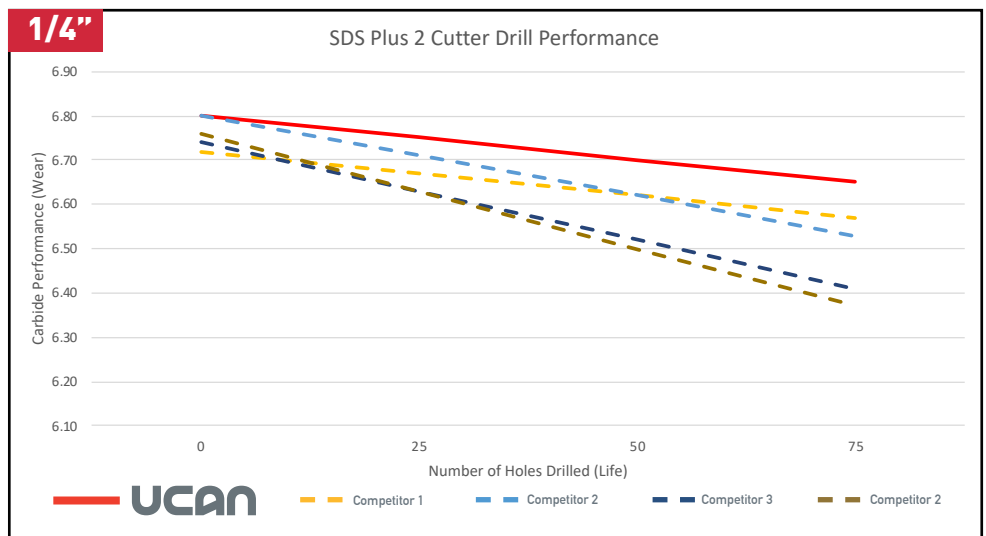


## SDS PLUS

### HIGH PERFORMANCE • LOW COST PER HOLE

Manufactured to  
**ANSI**  
B 212.15 Standard

- Excellent speed, performance and endurance
- Designed for drilling in concrete, stone, block, masonry & brickwork
- The dynamic, chisel-shaped drill point rapidly penetrates the material and channels the drilling dust into the reinforced multi-flute spiral and out of the hole. This saves both time and money



SDS  
CONTRACTOR  
PACK

#### AVAILABLE SIZES

5/32 x 4*	1/4 x 8*	12 x 6 mm*	5/8 x 18
5/32 x 6*	1/4 x 11*	12mm x 8	5/8 x 24
3/16 x 4*	1/4 x 20	12mm x 24	18mm x 12
3/16 x 6*	5/16 x 6*	1/2 x 6*	3/4 x 8
3/16 x 8*	5/16 x 8	1/2 x 8	3/4 x 12
3/16 x 10	3/8 x 6*	1/2 x 10*	3/4 x 18
7/32 x 4	3/8 x 8	1/2 x 12	20mm x 8
7/32 x 6	3/8 x 12 *	1/2 x 18	7/32 x 4
6mm x 4	3/8 x 18	9/16 x 6	7/32 x 6
6mm x 6	3/8 x 24	15mm x 8	7/8 x 8*
6mm x 8	10mm x 6	5/8 x 6*	7/8 x 12
1/4 x 4*	10mm x 8	5/8 x 8*	24mm x 12
1/4 x 6*	7/16 x 6	5/8 x 12	1 x 12
			1 x 18

\* Sizes available in contractor packs

RED - available in bulk

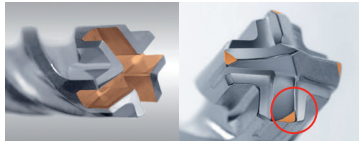
### 4 CUTTER PREMIUM SDS PLUS & SDS MAX THE ULTRA ADVANTAGES

Manufactured to  
**ANSI**  
B 212.15 Standard



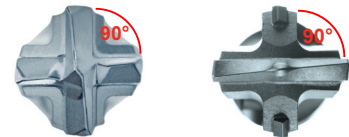
#### PERFORMANCE

- ▶ Faster drilling in hard concrete and stone
- ▶ Cuts through rebar
- ▶ Exact spot drilling, No slipping
- ▶ Efficient debris removal through multiple patented high volume flutes



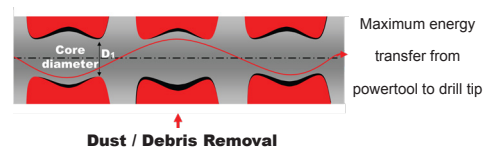
#### DURABILITY

- ▶ Tip brazed into body for maximum protection
- ▶ Reduced heat build-up due to patented high volume reinforced flutes
- ▶ Rebar chamfers resist tip damage



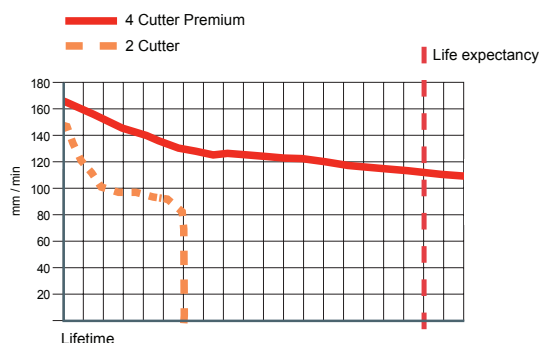
#### ACCURACY

- ▶ Centering tip for exact spot drilling
- ▶ 90° tip alignment for precise hole dimensions and roundness
- ▶ ANSI tolerances are strictly maintained



#### SMOOTH DRILLING

- ▶ Low vibration and less wear due to efficient energy transfer
- ▶ Even distribution of work load
- ▶ Resists tip breakage especially when rebar



#### ECONOMICAL

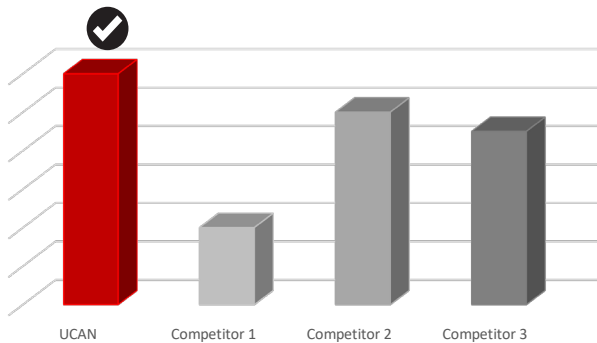
- ▶ More than twice the life of 2 cutter SDS
- ▶ Faster, smoother drilling saves time and lessens operator fatigue
- ▶ Reduced breakage due to rebar chamfers and reinforced flutes

# SDS PLUS PREMIUM 4 CUTTER DRILL BITS

## FEATURES:

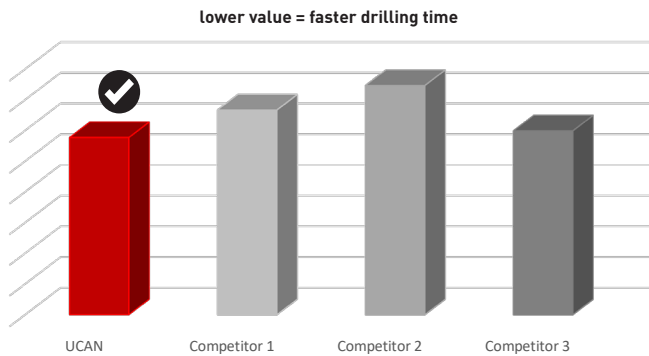
- ANSI Size
- Cuts Rebar
- 2X Life of 2 Cutter Bit
- Fast Drill Speed
- Long Life
- Efficient Dust Removal
- Broad Size Range: 5/32" - 1/2"
- Solid Carbide Tip: 3/8" - 1/2"

## 1/2" CARBIDE LIFE (after 200 holes)



UCAN's SDP was tested against three major Canadian competitors.

## 1/2" DRILL TIME (200 holes):



UCAN's SDP was tested against three major Canadian competitors.

## SIZES AVAILABLE:

- SDP 5326 - 5/32 x 6"
- SDP 146 - 1/4 x 6"
- SDP 128 - 1/2 x 8"
- SDP 3164 - 3/16 x 4"
- SDP 386 - 3/8 x 6"
- SDP 1212 - 1/2 x 12"
- SDP 3166 - 3/16 x 6"
- SDP 388 - 3/8 x 8"
- SDP 588 - 5/8 x 8"
- SDP 144 - 1/4 x 4"
- SDP 126 - 1/2 x 6"

### COMING SOON:

- SDP 31612 - 3/16 x 12"
- SDP 5812 - 5/8 x 12"
- SDP 1412 - 1/4 x 12"
- SDP 348 - 3/6 x 8"
- SDP 3812 - 3/8 x 12"
- SDP 7812 - 7/8 x 12"

Manufactured to ANSI B212.15 standard

Manufactured to **ANSI** B 212.15 Standard



Individually plastic wrapped & vacuum sealed



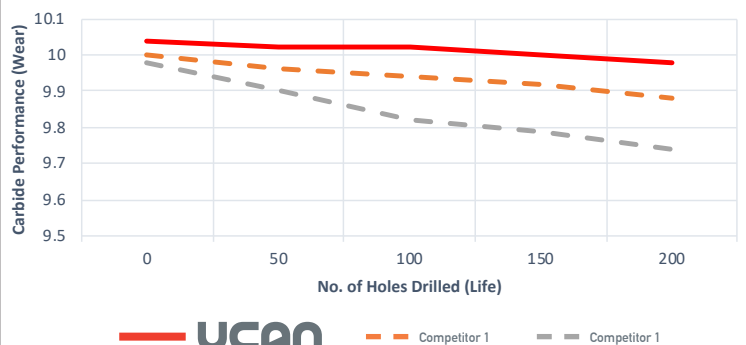
4-Cutter cutting edge technology



Countertop display available

## 3/8"

### SDS Plus 4 Cutter Drill Performance





### 4 CUTTER MULTI TIP SDS MAX

**4-CUTTER**  
Cutting Edge Technology!

Manufactured to  
**ANSI**  
B 212.15 Standard

- High-grade tungsten carbide tips specially designed for optimal toughness and durability
- Multi-tip for faster drilling
- Optimized reinforced flute design ensures quick and efficient removal of drilling dust
- Drill bit body produced from high quality tool steel for extended bit life
- Self-centering tip



#### AVAILABLE SIZES

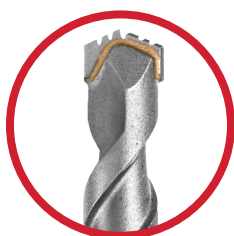
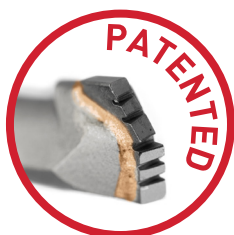
**ULTRAMAX®**

#### MULTI TIP

1/2 x 13 *	1 x 21
1/2 x 21 *	1 x 36
9/16 x 21 *	28mm x 14
5/8 x 13	1-1/8 x 17
5/8 x 21	1-1/8 x 21
5/8 x 36	1-1/8 x 36
18mm x 13	1-1/4 x 15
3/4 x 21	1-1/4 x 23
3/4 x 36	1-1/4 x 36
7/8 x 13	1-3/8 x 23
7/8 x 21	1-3/8 x 36
7/8 x 36	1-1/2 x 23
24mm x 13	1-3/4 x 23
1 x 13	2 x 23

\* Single Tip

# UNIVERSAL DRILL BIT



**Non-percussion**

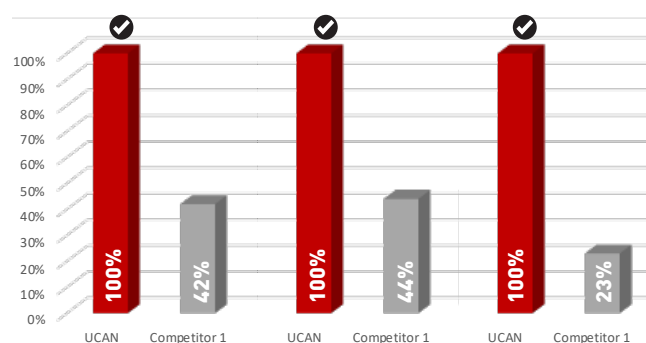


**Lubrication  
recommended  
especially when  
drilling porcelain**

## FEATURES

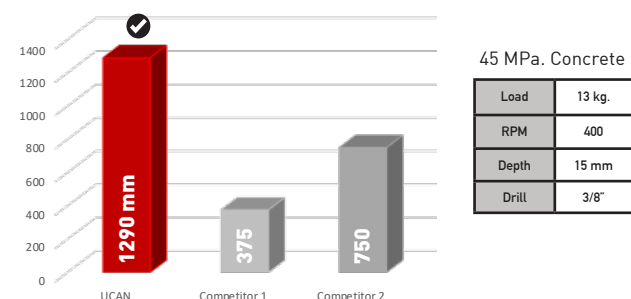
- Drills glazed tile, marble, wood, brick, plastic, fiberglass and more
- 1/4" Hex Quick Change Shank
- Drills ceramic & marble tile in seconds
- Non-percussion
  - Minimizes tile breakage & masonry spalling
  - Accurate holes
  - Low noise

## SPEED



Material	Brick	50 MPa Granite Concrete	Glazed Tile
Load	8 kg	21 kg	9 kg
RPM	400	299	400
Depth	15 mm	15 mm	5 mm
Drill	1/4"	3/8	1/4

## LIFE



45 MPa. Concrete

Load	13 kg.
RPM	400
Depth	15 mm
Drill	3/8"

## SIZES AVAILABLE:

- JUP 3164 - 3/16 X 4
- JUP 144 - 1/4 X 4
- JUP 386 - 3/8 X 6

\*Not suitable for metal or glass drilling



### DUSTLESS VACUUM DRILL BIT for SDS-Plus & SDS-MAX rotary hammers



#### LONG LIFE, OPTIMAL DRILLING

- Powerful 4-Cutter with Innovative Head Design
- No hooking when hitting rebar due to 4 X 90° geometry
- Precise hole dimensions and concentricity
- Optimal hole cleaning
- Unique head design prevents stalling
- Active head cooling resulting in longer drill bit life



#### CLEANER, FASTER, EFFICIENT DUST REMOVAL

- Two large suction holes
- Optimized diameter in relation to drilling head
- No jamming/dust buildup due to high volume suction holes
- Efficient dust removal allows for continuous drilling
- Supports System for OSHA Regulation on Crystalline Silica Dust #29 CFR 1926.1153 when used with a HEPA filtered dust extractor
- Bits come assembled with adaptor

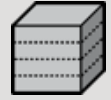


#### UNIQUE SHANK & BODY GEOMETRY

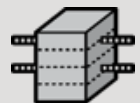
- Directs the drill bit precisely within the hole
- Promotes longer drill bit life
- Manufactured to ANSI specifications ensuring proper hole diameters

Manufactured to  
**ANSI**  
B 212.15 Standard

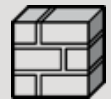
#### APPLICATIONS:



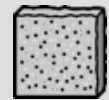
CONCRETE



REINFORCED  
CONCRETE



SOLID BRICK



NATURAL  
STONE



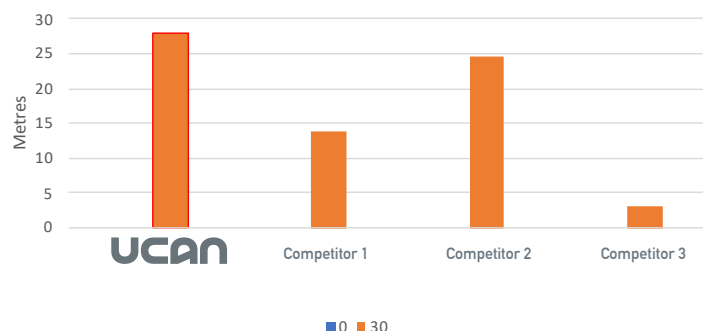
Scan the  
QR code  
to watch  
instructional  
video

#### AVAILABLE SIZES

SDS PLUS		SDS MAX	
7/16 x 13	3/4 x 14	5/8 x 23-1/2	1 x 25-1/4
1/2 x 13	9/16 x 14	3/4 x 23-1/2	1-1/8 x 35
5/8 x 14		7/8 x 23-1/2	1-3/8 x 35
3/4" is multi-part carbide tip		Multi-part carbide tip	
7/16" to 5/8" are single, slotted carbide tip			

#### 5/8"

#### Drill Life in Concrete





## SINGLE & TWO PIECE SUPERIOR PERFORMANCE • LONG LIFE

Handy one piece construction  
- SDS MAX



Starter bit - TAPERED



Core bit shaft - SPLINE



Core bit shaft - SDS MAX



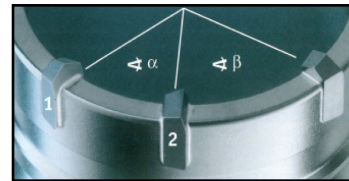
### AVAILABLE SIZES

1-1/2 x 22	3-1/2 x 22
1-3/4 x 22	4 x 22
2 x 22	5 x 22
3-1/8 x 22	6 x 22 *

### AVAILABLE SIZES

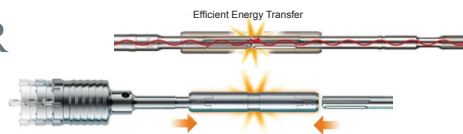
1-9/16	3-1/8
2	3-1/2
2-1/2	4
2-3/4	4-3/8
	5

\* Available to order



- Asymmetrical teeth (1, 2) improve drilling efficiency, increase rotational stability and extend carbide life
- Fluted body efficiently clears dust while reducing friction and improving bit life
- Tapered centering bit releases with drift key
- Broad range: 1½ - 6" diameter

## SDS MAX CONNECTOR



Permits the combination of all common chuck systems with SDS-MAX bits.

Manufactured to  
**ANSI**  
B 212.15 Standard

### CHISELS






#### SDS PLUS / SDS MAX

- UCAN CHISELS complement the drill bit range perfectly and offer a comprehensive line of products for professional applications
- High-grade tempered steel
- Special processing and hardening for optimum durability
- For use in concrete, masonry and natural stone



#### AVAILABLE TYPES

##### SDS PLUS / SDS MAX

Bull Point Chisel	
Flat Chisel	
Scaling Chisel	
Gouge Chisel	
Floor Scraper Max only	

### DIAMOND CORE CUTTERS

#### FOR NATURAL STONES AND CERAMIC TILES



- ▶ Economical
- ▶ Clean cutting
- ▶ Problem solver

Cut quickly and cleanly through ceramics, porcelain and marble at economical cost. Ideal for drilling holes for anchors, plumbing and wiring etc. in floor and wall tile with little worry of cracking or spalling.

Can be used in any rotary (non- percussion) hand drill.

#### AVAILABLE SIZES

Diameter			
3/16	3/8	3/4	1-3/8
1/4	1/2	1	1-1/2
5/16	5/8	1-1/4	

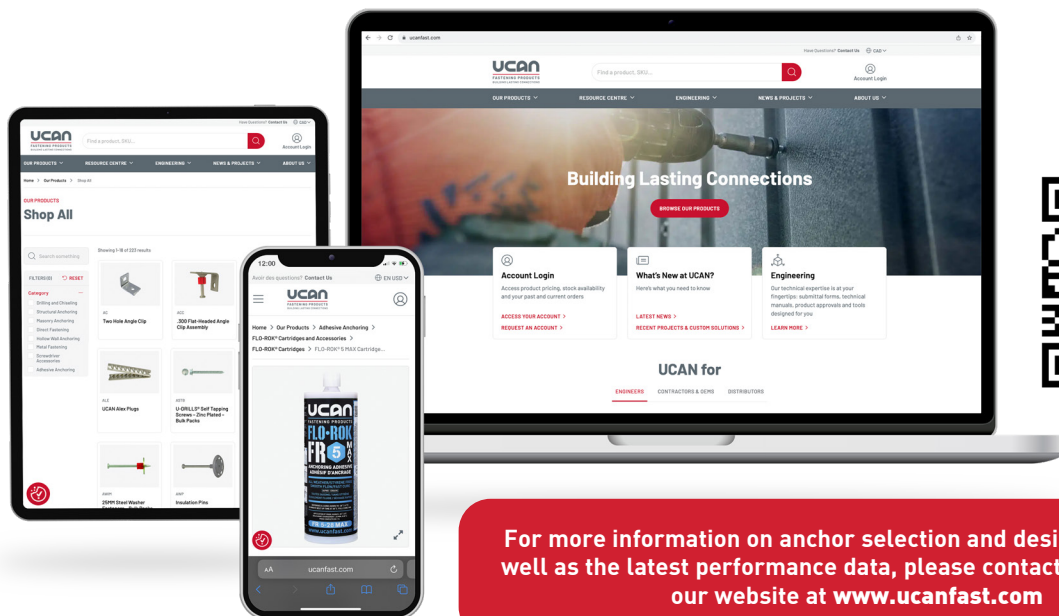


Scan to watch  
UCAN Tile Drill-bit  
Instructional  
Video

#### PRESSURE WATER SPRAYER



Adjust from mist to jet



For more information on anchor selection and design criteria, as well as the latest performance data, please contact UCAN or visit our website at [www.ucanfast.com](http://www.ucanfast.com)

## DISCLAIMER OF WARRANTIES AND LIABILITY

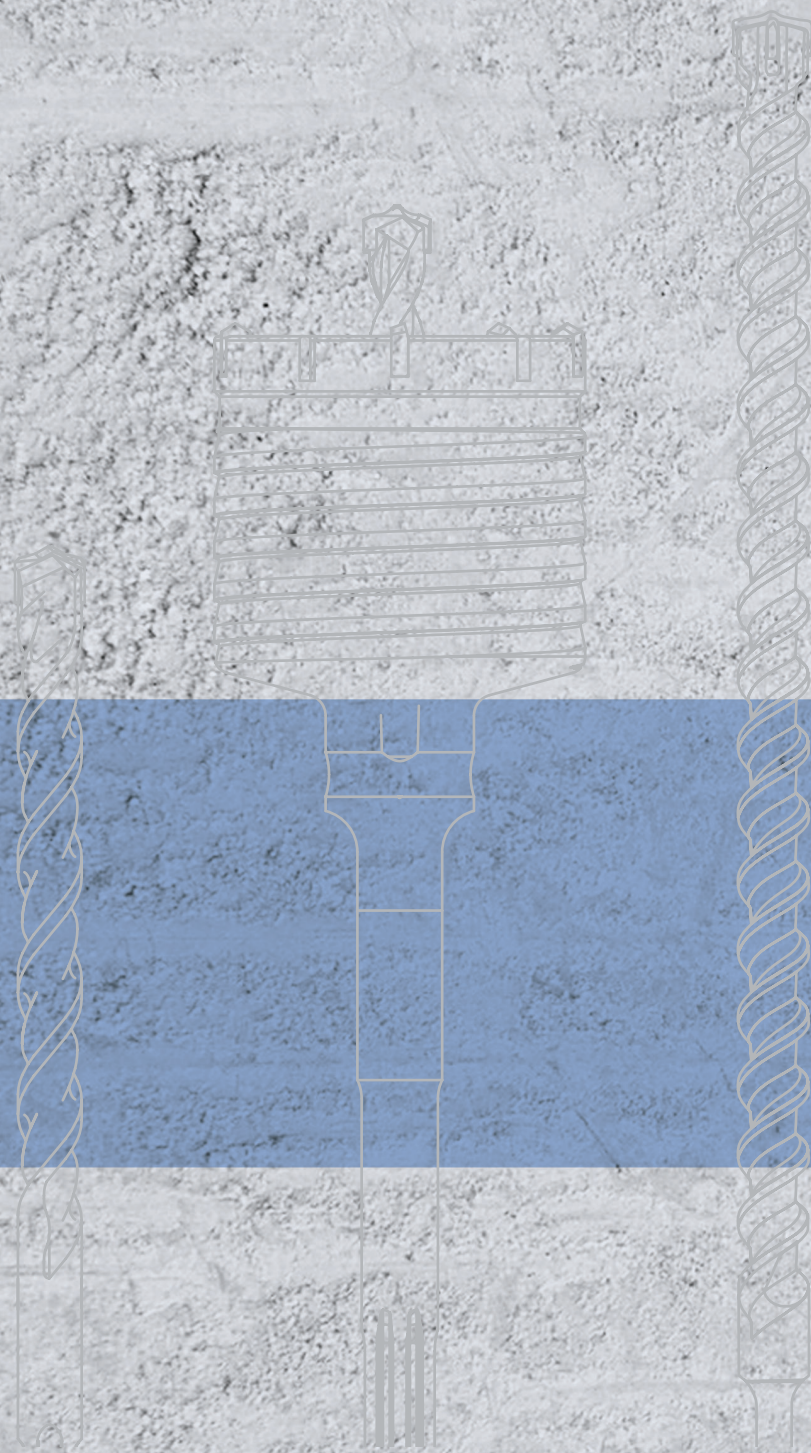
UCAN Fastening Products (UCAN) accepts no responsibility in case of any damage, loss, or injury, direct, indirect, incidental or consequential that results from the use of, or the inability to use, the text and technical data contained in the current or any subsequent editions and/or versions of the price list, technical manual or any other UCAN publications. All recommendations or suggestions for use of UCAN products are made without guarantee. Furthermore, UCAN accepts no responsibility for the performance of its products since the conditions of use are not under its control. Goods proved to be defective will be replaced, but UCAN accepts no responsibility beyond the cost of the goods supplied. Furthermore, UCAN accepts no responsibility in case of damage that results from non-compliance with the manufacturer's installation instructions, improper sizing of anchor fastening by customer, inadequate load bearing properties of anchoring base material, improper applications, or any other factor not brought to the prior attention of UCAN.

Except as provided in this clause, UCAN accepts no liability with respect to delay in delivery or any injury, damage or loss resulting from the use of its products.

Limitation of damages – UCAN will not be liable to DISTRIBUTOR for loss of future sales, loss of profits or goodwill, loss of use or incidental, indirect, consequential or special damages. UCAN's liability under this agreement, including its indemnification obligations, will not individually or in the aggregate exceed the amounts paid to UCAN by DISTRIBUTOR for the products giving rise to such liability.

EXCEPT FOR THE APPLICABLE LIMITED WARRANTY, UCAN MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED (INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT) CONCERNING ANY PRODUCT, AND ALL OTHER GUARANTEES, WARRANTIES, CONDITIONS AND REPRESENTATIONS, EITHER EXPRESS OR IMPLIED, ARE EXCLUDED





#### DISCLAIMER

Recommendations concerning the performance or use of this product are based upon independent test reports believed to be reliable. If the product is proven to be defective it will be replaced or the purchase price refunded at the option of UCAN Fastening Products. UCAN Fastening Products will not be liable for personal injury, loss or damage in excess of the purchase price. The user will be responsible for deciding if the product is suitable for his application and will assume all risks associated with the use of the product. This warranty is in lieu of any other warranty express or implied, including but not limited to an implied warranty of merchantability or an implied warranty of fitness for a particular use.

Drilling and Chiselling 2010