

# CONCRETE DRILLING & CHISELLING

HIGH PRECISION - LONG LIFE

**UCAN**  
FASTENING PRODUCTS



## HIGH PERFORMANCE BITS FOR TOUGH JOBS

To ensure optimum performance of our anchors, we have, for over forty 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 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. We continue to stock a full line of SPLINE SHANK drill bits and chisels.

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 continue to gain in popularity as problem solvers for drilling through marble and hard baked 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

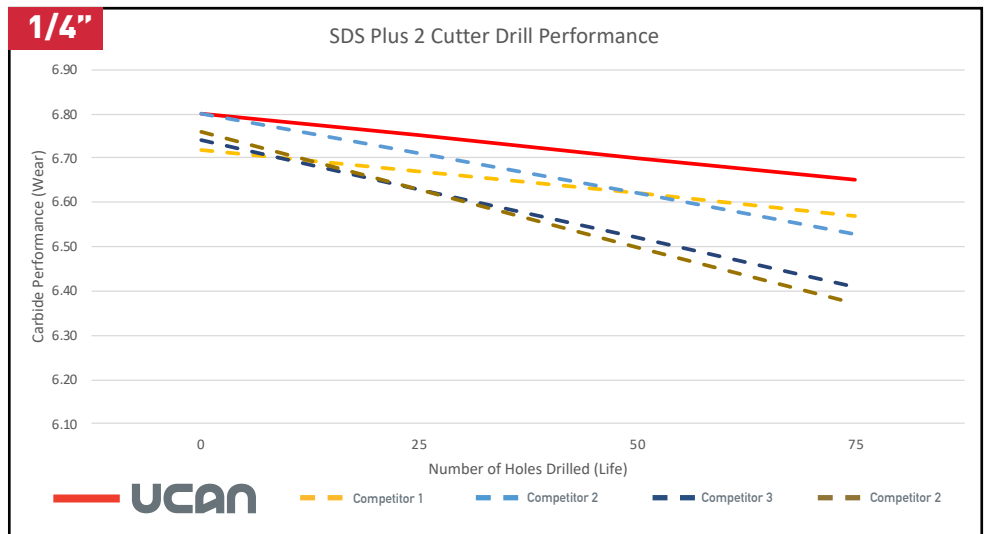
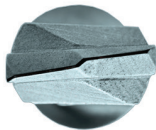
1/8 x 3	7/16 x 6
5/32 x 3	12mm x 6
5/32 x 6	1/2 x 6
11/64 x 3	1/2 x 12
3/16 x 3	1/2 x 20
3/16 x 6	1/2 x 24
6mm x 4	5/8 x 6
6mm x 6	5/8 x 12
1/4 x 4	5/8 x 24
1/4 x 6	3/4 x 6
1/4 x 12	3/4 x 12
1/4 x 24	3/4 x 24
5/16 x 4	7/8 x 6
5/16 x 6	7/8 x 12
3/8 x 6	1 x 6
3/8 x 12	1 x 12
3/8 x 20	
3/8 x 24	
3/8 x 40	

## 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

# UCAN ULTRAPLUS / ULTRAMAX

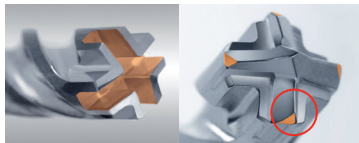
## 4 CUTTER PREMIUM SDS PLUS & SDS THE ULTRA ADVANTAGES

Manufactured to  
**ANSI**  
B 212.15 Standard



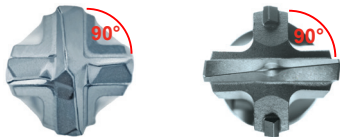
### PERFORMANCE

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



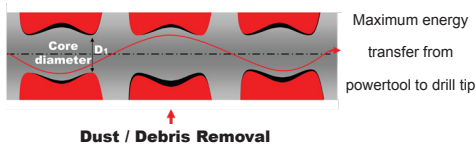
### DURABILITY

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



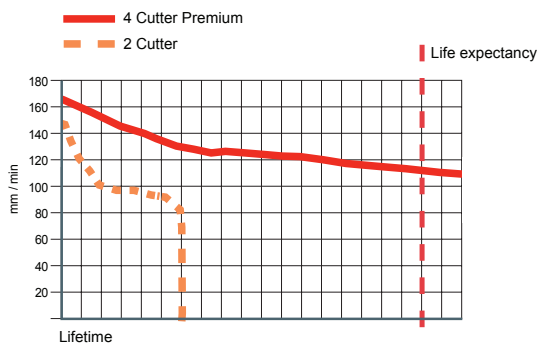
### ACCURACY

- ▶ 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 is



### 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

## ULTRAPLUS / ULTRAMAX



### 4 CUTTER SOLID TIP SDS PLUS

- One piece four cutter carbide tip, with centering point, provides superior performance in very hard materials, including rock and granite, and extra long life in concrete compared to our regular SDS PLUS bit
- Improved reinforced fluting reduces friction and allows for speedier dust removal
- Resistant to damage and jamming by rebar



**4-CUTTER**  
Cutting Edge Technology!

Manufactured to  
**ANSI**  
B 212.15 Standard



### 4 CUTTER MULTI TIP SDS PLUS / SDS MAX

- 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



**4-CUTTER**  
Cutting Edge Technology!

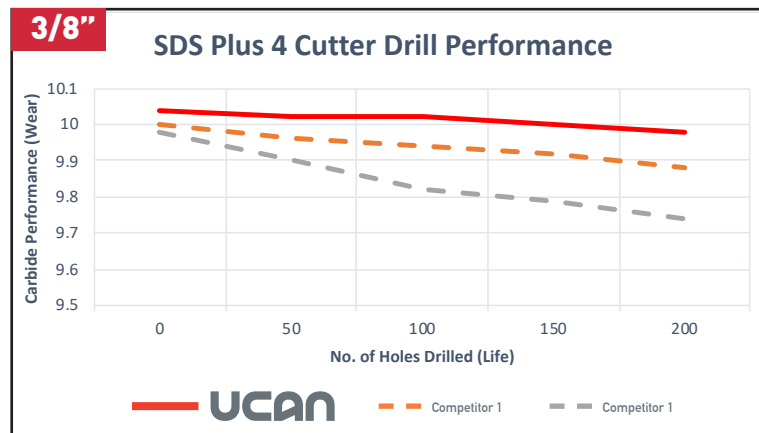
Manufactured to  
**ANSI**  
B 212.15 Standard

#### AVAILABLE SIZES

<b>ULTRAPLUS®</b>				<b>ULTRAMAX®</b>			
SOLID TIP		MULTI TIP		MULTI TIP			
3/16 x 4	5/16 x 6	5/8 x 8	7/8 x 10	1/2 x 13 *	3/4 x 21	1 x 21	1-1/4 x 23
3/16 x 6	3/8 x 6	5/8 x 12	7/8 x 12	1/2 x 21 *	3/4 x 36	1 x 36	1-1/4 x 36
1/4 x 4	3/8 x 12	5/8 x 18	1 x 12	9/16 x 21*	7/8 x 13	28mm x 14	1-3/8 x 23
1/4 x 6	3/8 x 18	3/4 x 8	1 x 18	5/8 x 13	7/8 x 21	1-1/8 x 17	1-3/8 x 36
1/4 x 8	1/2 x 6	3/4 x 12	1-1/8 x 10	5/8 x 21	7/8 x 36	1-1/8 x 21	1-1/2 x 23
1/4 x 10	1/2 x 12	3/4 x 18	1-1/8 x 18	5/8 x 36	24mm x 13	1-1/8 x 36	1-3/4 x 23
1/4 x 12	1/2 x 18	7/8 x 8		18mm x 13	1 x 13	1-1/4 x 15	2 x 23
				3/4 x 13			

RED - available in contractor pack

\* Single Tip



# UCAN HOLLOW CORE BITS

## 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

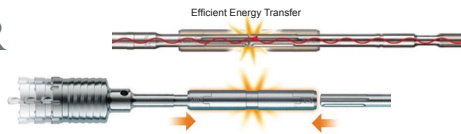
1-9/16	3-1/8
2	3-1/2
2-1/2	4
2-3/4	4-3/8
	5

\* 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

# 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



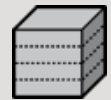
- Two large suction holes
- Optimized diameter in relation to drilling head
- No jamming/dust buildup due to high volume suction holes
- Efficient dust removal allows for continuous drilling
- Supports System for OSHA Regulation on Crystalline Silica Dust #29 CFR 1926.1153 when used with a HEPA filtered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

## UNIQUE SHANK & BODY GEOMETRY

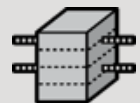


- Directs the drill bit precisely within the hole
- Promotes longer drill bit life
- Manufactured to ANSI specifications ensuring proper hole diameters

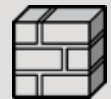
## APPLICATIONS:



CONCRETE



REINFORCED CONCRETE



SOLID BRICK



NATURAL STONE

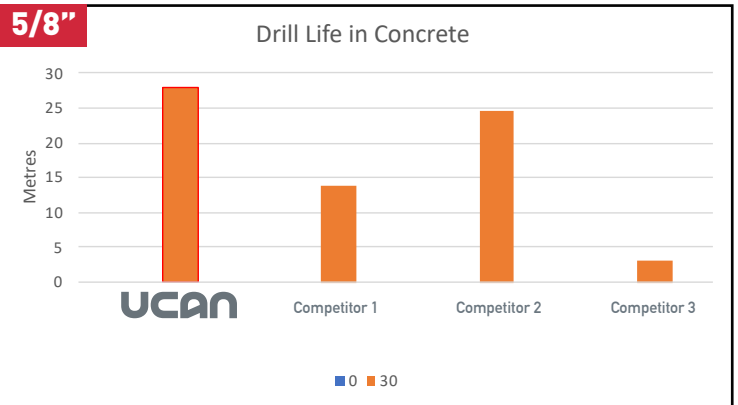
Manufactured to  
**ANSI**  
B 212.15 Standard



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			



# UCAN STRAIGHT SHANK / DIAMOND CORE BITS








## 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

## **About UCAN**

UCAN Fastening Products has specialized in the production and distribution of concrete anchors and other fastening products for over 50 years. UCAN strives to provide the most practical and cost effective solutions to meet the anticipated needs of designers and contractors. UCAN takes pride in the consistent high quality of its' products as well as the in-depth knowledge and helpfulness of its' sales staff.

## **Timely Delivery**

UCAN keeps its Toronto warehouse well stocked with over 1,100 stock types and sizes of anchors and accessories. As a result, over 97% of all regular orders are usually filled from inventory and shipped within 3-6 hours of being placed.

## **Technical Services**

Our technical staff and knowledgeable inside and outside sales people are readily available to provide technical assistance, product support, and field tests when required.

## **Innovative Products**

Through a constant program of R & D, UCAN develops and improves products to meet the genuine needs of designers and contractors.

## **Emphasis On Quality**

UCAN products are made to the highest quality standards. Each production batch is strictly quality-controlled to assure consistent performance.

## **Special Sizes And Custom Coatings**

UCAN is especially well equipped to supply many types of application specific anchors. Custom sizes and protective coatings are available to meet design requirements.



## **CONCRETE DRILLING**

UCAN carbide tipped drill bits are designed for fast, accurate drilling of correctly sized holes which are needed to ensure optimum anchor performance. All fractional inch sizes conform to ANSI tolerances and metric sizes adhere to DIN standards. Improved flutes remove dust efficiently to prevent heat build-up and increase bit life.

# UCAN

FASTENING PRODUCTS



Established in 1967 by Harry Weitz, UCAN FASTENING PRODUCTS has been supplying high quality masonry and metal fasteners to the construction industry for over 50 years. With his extensive technical background in construction and architecture, Harry always possessed a keen interest in fastener design, function and application.

Starting out as a wholesale distributor of innovative fastening products, made in the USA and Europe, UCAN was instrumental in bringing wedge anchors, concrete screws and galvanized spiral nail anchors to the Canadian market in the 1950s and 60s. Harry personally developed the EP932 tie wire anchor, which reduced installation time by 50%, as well as UCAN SCRU-IT®'s unique and efficient scalloped cutting thread. These fasteners gained immediate success in the marketplace.

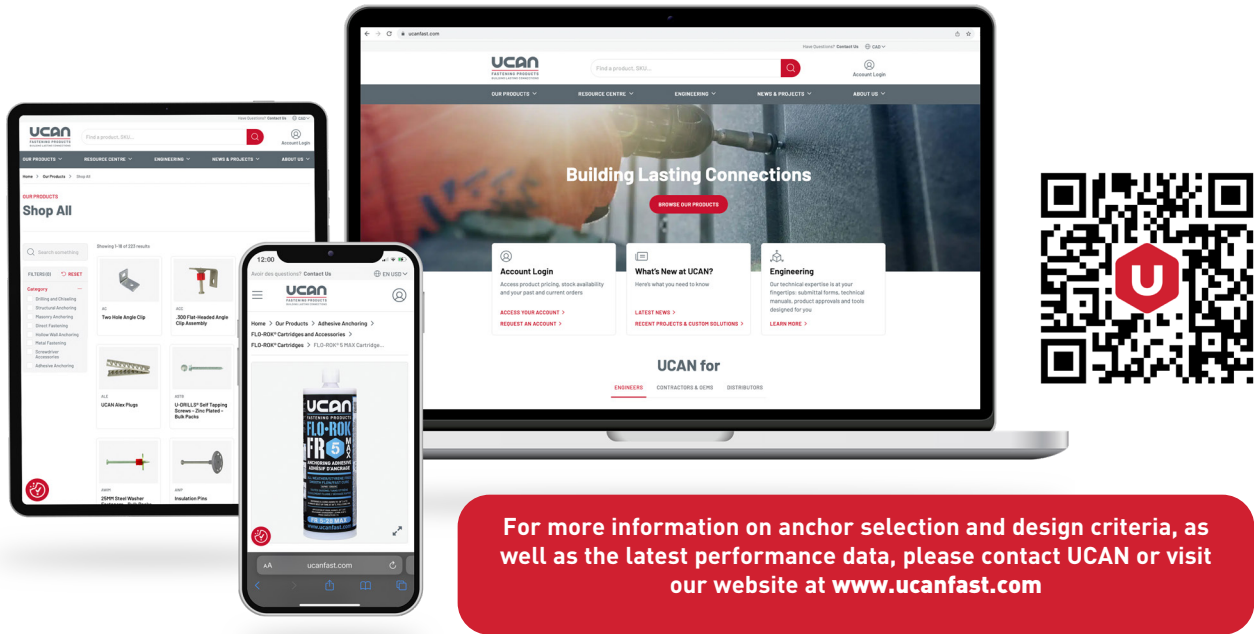


From its humble beginnings in a cramped warehouse, UCAN currently operates from an efficient 45,000 sq ft facility in Toronto. UCAN's tight knit team of experienced, caring and knowledgeable outside and inside employees, provide an unrivalled level of customer service. Most orders are shipped the day they are received and order fill rates generally exceed 97%. Also key to UCAN's success is the company's philosophy of constant product improvement through R&D and strict quality control at all stages of production.



UCAN is a 3rd generation, family owned, Canadian company. We supply high-quality masonry and metal fastening systems to a wide network of distributors across Canada and the USA. Our extensive experience in construction allows us to develop anchoring solutions that meet the demanding requirements of architects and engineers.

Jeremy and Naftali Weitz



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)

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