

# SERIES CATALOGUE

**unika**

**C & G**

*Shavings Collection System*

# Safety Precautions



## **WARNINGS**

- Wear working clothes suitable for the operation. In particular, eye protection equipment must be worn to prevent shavings from getting into your eyes.
- Prepare the working environment before starting the job. Be careful to consider safety when working in high places, being close to inflammable materials, in dark places, in rain, in wet place, on scaffolding. Consider falling, fires, electric shock, etc.
- Be sure to check if there are any defects in the product before use. Never use the product if it has any defect.
- Be sure to turn off the main switch of the drill and disconnect the power supply plug from the socket before attaching and detaching the product.
- Do not touch the product, the shavings, or the drilled surface by hand because they may be hot by drilling friction.
- Never remodel or modify the product.
- Do not touch moving parts, especially the drill tip or blades.
- When you feel anything unusual in use, stop using the product and inspect it as well as the electrical drill.
- When using the product for any other application than is specified, be sure to contact UNIKA.
- Carefully read the instruction manual of the electrical drill used before using the product.



## **CAUTION**

- Do not allow any person other than the working staff to enter the working place.
- Do not touch the blades by hand because they are very sharp.
- Please read handling description well when changing and assembling.
- Use spare parts that comply with the product specification.
- The product and its size must be appropriate for the specification of the electrical drill used.

The products carried by this catalog, specifications, etc. may be changed without preliminary announcement .  
The products carried in this catalog may be different in color than the actual item.

Shavings Collection System  
**Q bit UX**



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An example of  
application



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Q bit UX  
**QSX Type**  
(SDS shank)



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Q bit UX  
**QHX Type**  
(HEX shank)



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Q bit UX  
**QMX Type**  
(SDS-max shank)



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The C&G Series is UNIKA's newest product series proposal designed with the objective of realizing an ideal work site environment for the future from the standpoint of a manufacturer of advanced tools, particularly by developing products that provide a "clean and comfortable environment for workers and the people around them."



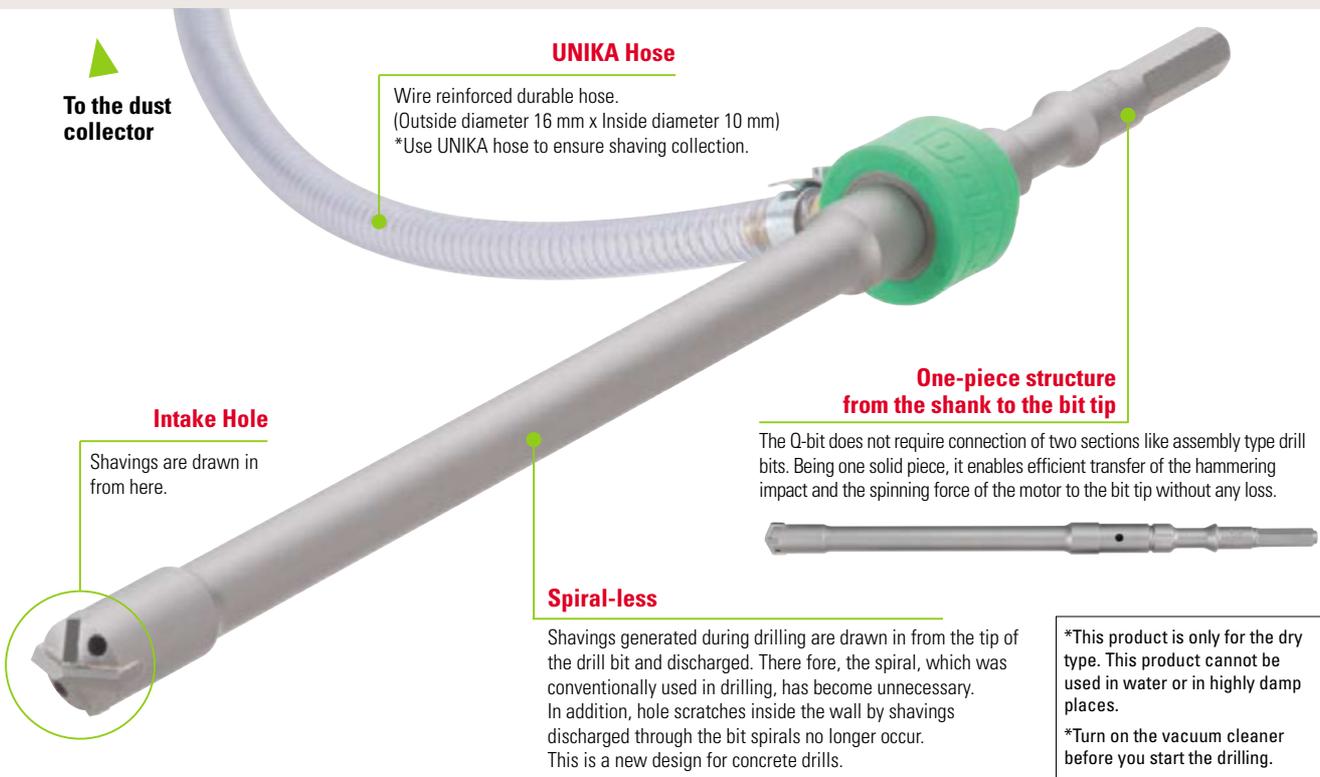
## No Shavings! Easier Working!

- It is thought that shavings are inevitable to drilling work, but our new type "Q Bit" has put an end to such a concept. This Q Bit draws in concrete shavings very powerfully while drilling. It ensures the user a comfortable and clean working environment, free from shavings from drilling.
- The efficient Shaving Collection System with no friction loss allows most of the shavings produced to be drawn in.
- Operating efficiency greatly improved by simplified cleaning in the holes for anchor bolt installations. Prevents deterioration of anchor adhesiveness and coming out due to the omission of cleaning inside holes.

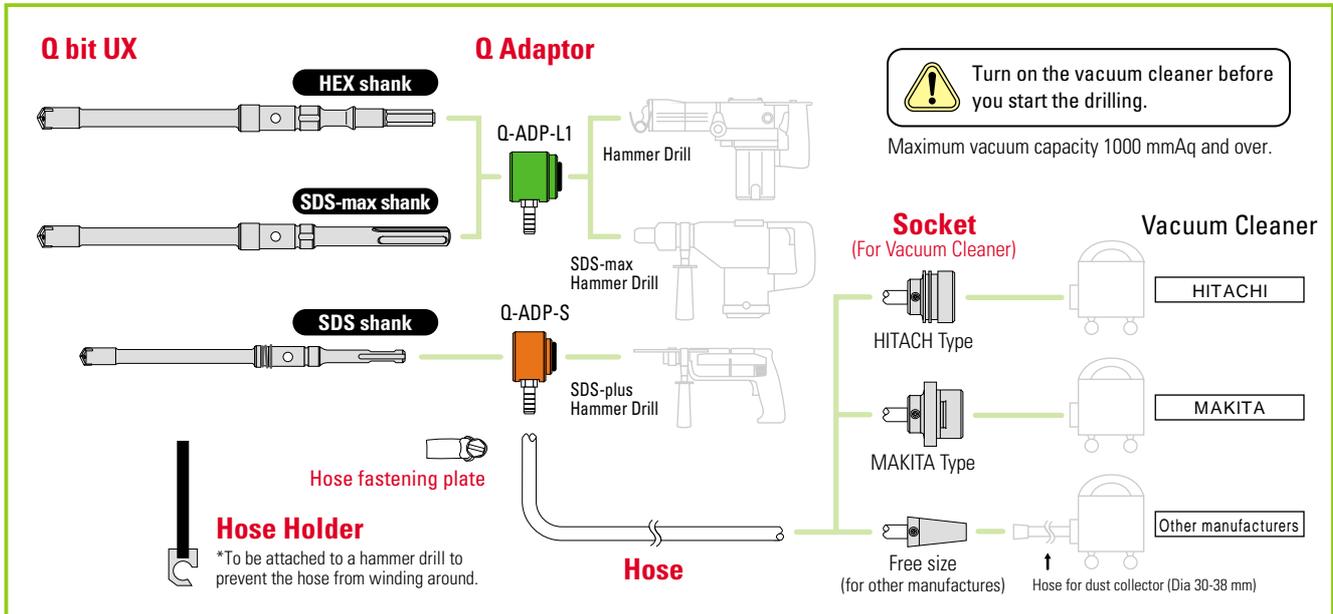
\*This product is only for the dry type. This product cannot be used in water or in highly damp places.  
\*Turn on the vacuum cleaner before you start the drilling.



**STEEL DECK PLATE + CONCRETE**  
**BLOCK / BRICK**      **MORTAR**



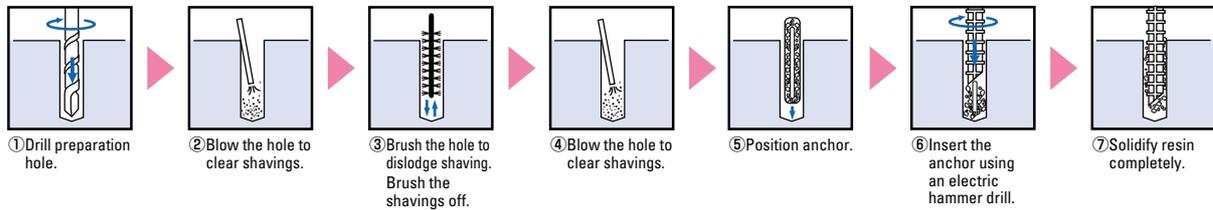
### Shavings collection system outline



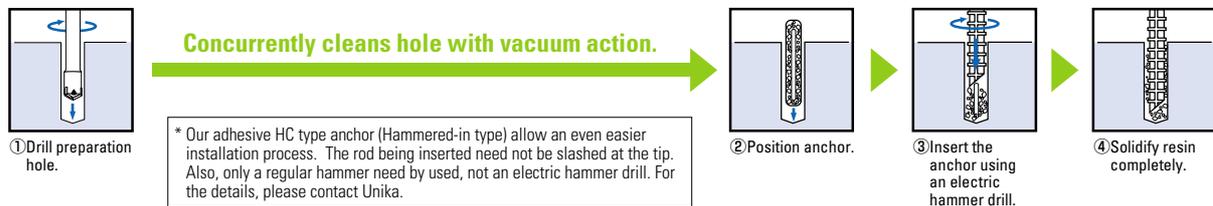
## Easy installation of anchor bolts.

With the rapidly increased demand for anchor bolt installations, improvement in operating efficiency is realized by simplifying processes to clean shavings in holes (blowing - brushing - blowing). In addition, the system prevents the deterioration of anchor adhesiveness due to the omission of cleaning inside holes.

### Conventional Method (Sealed Capsule Type)



### With Q bit UX

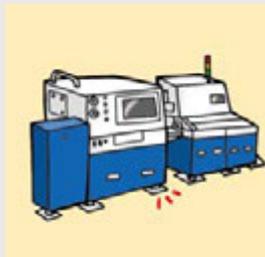


## Q bits plays an active part in all enclosed work locations that can become dusty.



### Upward work on a ceiling.

It eliminates particals from falling in one's eyes and face.



### Drill work in doors.

The indoor work protection against dust is also unnecessary. Clearing up is also unnecessary.

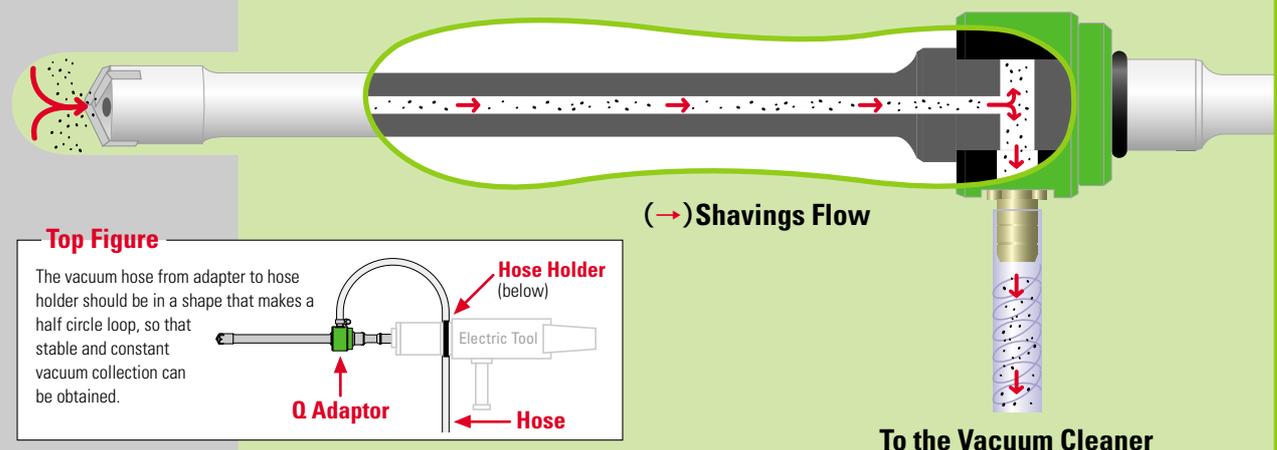


### Closed in places like tunnel etc.

Work environment in closed in places, such as the interior of a tunnel, improves remarkably.

### Shavings collecting mechanism

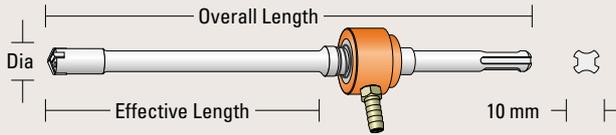
Generated dust will be collected directly into the vacuum port at the top of the Q bit during drilling. The drilled concrete dust will be collected via the hollow drill bit body and through the attached vacuum hose.



- With the aid of a high efficient vacuum collecting system with low drag, almost all of the generated dust and shavings can be vacuum extracted.
- By the aid of newly designed holes and cross shaped tips, vacuum extraction has become more efficient.
- Adopting the new Q adapter with a spring enables it to be detached easily.



**Applicable Electric Tool** Rotary Hammer Drill (SDS-plus)



**STEEL DECK PLATE + CONCRETE**

**BLOCK / BRICK**

**MORTAR**

### Q SX Type (SDS shank)

Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)
QSXA10.0X260	10.0	260	130
QSXA10.5X260	10.5		
QSXA12.0X260	12.0		
QSXA12.5X260	12.5		
QSXA12.7X260	12.7		
QSXA13.0X260	13.0		
QSXA14.0X260	14.0		
QSXA14.3X260	14.3		
QSXA14.5X260	14.5		
QSXA15.0X260	15.0		
QSXA16.0X260	16.0		
QSXA16.5X260	16.5		
QSXA17.0X260	17.0		
QSXA17.5X260	17.5		
QSXA18.0X280	18.0	280	150
QSXA19.0X280	19.0		
QSXA20.0X280	20.0		
QSXA21.5X330	21.5	330	200
QSXA22.0X330	22.0		
QSXA22.5X330	22.5		

### ⚠ Precautions on use

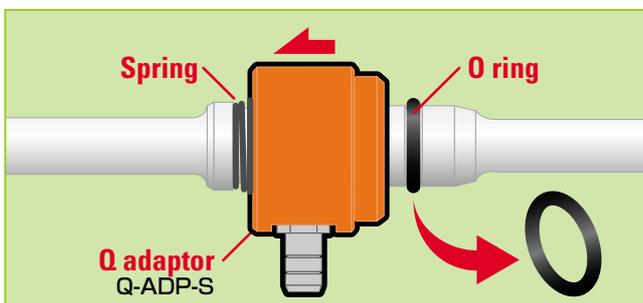
- This product is only for the dry type. This product cannot be used in water or in highly damp places.
- Turn on the vacuum cleaner before you start the drilling.

### Hose Holder

Code	Application
Q-HLD	Holder which prevents rotation of the hose

### ● New Q adapter mechanism (Q SX type) for detaching

Adopting a new Q adapter with a spring enables an O ring to be detached easily when necessary.



### Q adaptor set (For SDS shank)



### Socket (for vacuum cleaner)

Code	Available Manufacturers	
QSKTH	HITACHI	
QSKTM	MAKITA	
QSKTF	Free size (for other Manufacturers)	

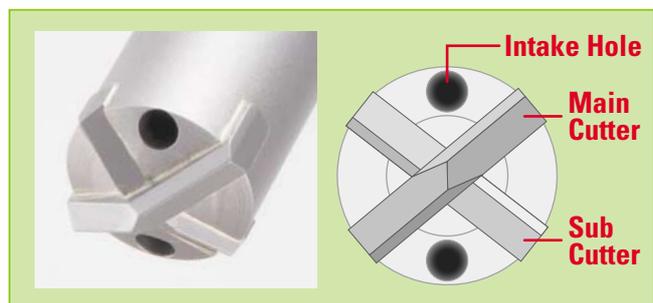
### Hose (of UNIKA make)

Outer dia: 16 mm x Inner dia: 10 mm

Code	Hose Length (mm)	
QHOS-3M	3	
QHOS-5M	5	
QHOS-10M	10	

### ● Dust collecting vacuum port and cross tip

The Q Bit can vacuum up concrete dust powerfully right after drilling in concrete and the cross design of the tips can make holes close to a perfectly round circle.



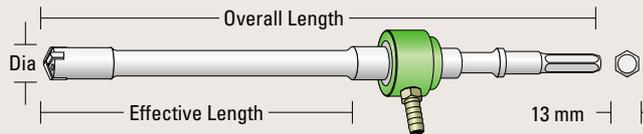
# Shavings Collection System Q bit UX

HEX shank

- With the aid of a high efficient vacuum collecting system with low drag, almost all of the generated dust and shavings can be vacuum extracted.
- By the aid of newly designed holes and cross shaped tips, vacuum extraction has become more efficient.
- Even if the drill hits a rebar, the bit won't be stuck because of the cross shaped tips. Smooth drilling can be obtained by less tip-end wear, and it drills around the rebar.



Applicable Electric Tool **Hammer Drill**



<b>CONCRETE</b>	<b>STONE</b>
<b>BLOCK / BRICK</b>	<b>MORTAR</b>

### QHX Type (HEX shank)

Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)
QHX12.5X320	12.5	320	130
QHX12.7X320	12.7		
QHX13.0X320	13.0		
QHX14.0X320	14.0		
QHX14.5X320	14.5		
QHX15.0X320	15.0		
QHX16.0X320	16.0		
QHX17.0X320	17.0		
QHX18.0X340	18.0	340	150
QHX19.0X340	19.0		
QHX20.0X340	20.0		
QHX21.5X400	21.5	400	210
QHX22.0X400	22.0		
QHX24.0X400	24.0		
QHX25.0X400	25.0		
QHX26.0X400	26.0		
QHX28.0X440	28.0	440	250
QHX30.0X440	30.0		
QHX32.0X490	32.0	490	300
QHX34.0X490	34.0		

### QHX Type Long (HEX shank)

Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)
QHX16.0X400	16.0	400	210
QHX20.0X440	20.0	440	250
QHX24.0X490	24.0	490	300
QHX25.0X440	25.0	440	250
QHX25.0X490		490	300

### Hose Holder

Code	Application
Q-HLD	Holder which prevents rotation of the hose

### Q adaptor set (For HEX/SDS-max shank)

Code	Set Contents
Q-ADPL1	Q adaptor (For HEX/SDS-max) Backup ring / O ring (2 pcs) Hose holder / Hose fastening plate



### Socket (for vacuum cleaner)

Code	Available Manufacturers	Image
QSKT-H	HITACHI	<p>HITACHI MAKITA Free size</p>
QSKT-M	MAKITA	
QSKT-F	Free size (for other Manufacturers)	

### Hose (of UNIKA make) Outer dia: 16 mm x Inner dia: 10 mm

Code	Hose Length (mm)	Image
QHCS-3M	3	
QHCS-5M	5	
QHCS-10M	10	

### Shavings collection system

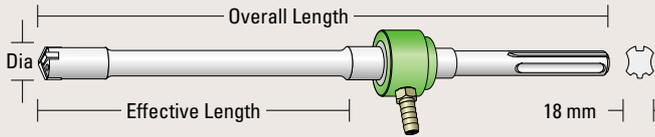
Right after drilling in concrete material by the Q-bit, the generated dust and shavings can be extracted through an entry port at the top of the Q-bit, collected via the hollow body of the drill bit and through an attached hose to the vacuum collector. The excellent collecting system of the Q-bit makes it possible to collect almost all of the dust and shavings at the top by using this collecting device. Operators can be freed from a poor working environment or be covered with dust when working on a ceiling overhead.



- With the aid of a high efficient vacuum collecting system with low drag, almost all of the generated dust and shavings can be vacuum extracted.
- By the aid of newly designed holes and cross shaped tips, vacuum extraction has become more efficient.
- Even if the drill hits a rebar, the bit won't be stuck because of the cross shaped tips. Smooth drilling can be obtained by less tip-end wear, and it drills around the rebar.



**Applicable Electric Tool** SDS-max Hammer Drill



**CONCRETE  
BLOCK / BRICK**

**STONE  
MORTAR**

### QMX Type (SDS-max shank)

Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)
QMX14.5X325	14.5	325	130
QMX16.5X325	16.5		
QMX17.0X325	17.0		
QMX17.5X325	17.5		
QMX19.0X345	19.0	345	150
QMX21.5X405	21.5	405	210
QMX22.0X405	22.0		

### QMX Type Long (SDS-max shank)

Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)
QMX15.0X405	15.0	405	210
QMX16.0X405	16.0		
QMX18.0X445	18.0	445	250
QMX20.0X445	20.0		
QMX24.0X520	24.0	520	330
QMX25.0X520	25.0		
QMX28.0X590	28.0	590	400
QMX32.0X590	32.0		
QMX35.0X640	35.0	640	450

### Q adaptor set (For HEX/SDS-max shank)

Code	Set Contents
Q-ADP-L1	Q adaptor (For HEX/SDS-max) Backup ring/O ring (2 pcs) Hose holder/Hose fastening plate



### ⚠ Precautions on use

- This product is only for the dry type. This product cannot be used in water or in highly damp places.
- Turn on the vacuum cleaner before you start the drilling.

### Hose Holder

Code	Application
Q-HLD	Holder which prevents rotation of the hose

### Socket (for vacuum cleaner)

Code	Available Manufacturers	
QSKTH	HITACHI	
QSKTM	MAKITA	
QSKTF	Free size (for other Manufacturers)	

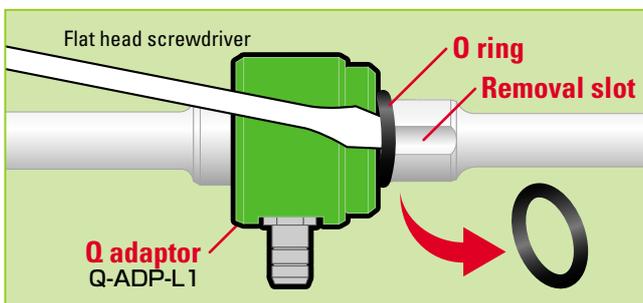
### Hose (of UNIKA make)

Outer dia: 16 mm x Inner dia: 10 mm

Code	Hose Length (mm)	
QHOS-3M	3	
QHOS-5M	5	
QHOS-10M	10	

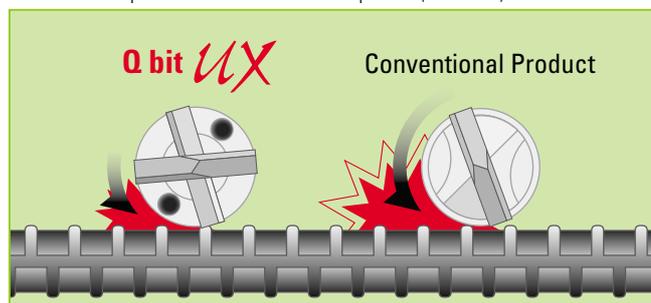
### ● New Q adaptor mechanism (QHX/QMX type) for detaching

Removing the O-Ring has become very easy. Just insert a minus screw driver or similar shaped object into the groove prior to detaching the Q-Adaptor.



### ● Improvement in reinforced steel resistance performance

Stable drilling ability is maintained because cross blades seize less even when they contact reinforced steel and there is less friction between the cutting edge and outer diameter in comparison with the conventional product (one blade).



**unika**

[www.unika.co.jp](http://www.unika.co.jp)

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## SERIES CATALOGUE

UR 21

CORE DRILLS

HOLE SAWS

CONCRETE DRILLS

ANCHORS