CONCRETE DRILLS

Concrete Drill Bit ***B Type*** *(Percussion)*		4
Cordless Driver Drill Bit ***RJ Type***		6
Cordless Percussion Drill Bit ***BJ Type***		7
Cordless Driver Drill Bit ***TJ Type*** *(For Ceramic Tile)*		8
Cordless Diamond Core Bit ***DJ Type*** *(For Ceramic Tile)*		9
Ceramic Tile Drill Bit ***TR Type***		10
Stone Drill Bit ***SB Type***		11
SDS Tip Top Bit		12
SDS-plus UX		14
SDS-plus Drill Bit		16
SDS-max Bit		17
Hexagonal Shank Drill Bit		18
Hexagonal Shank UX Drill Bit		20
Taper Shank Drill Bit		21
Bull Point/ Cold Chisel/ Cutter/Scoop		22

CONCRETE DRILL BITS USAGE CHART

◎=Best suited
○ Suitable
△ Less suitable

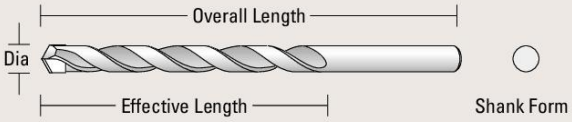
		CONCRETE	BLOCK / BRICK	MORTAR	SLATE	ALC	JAPANESE WALL (whitewashed)	HARD EXTERIOR PANEL	SOFT EXTERIOR PANEL	METAL EXTERIOR PANEL	PLASTERBOARD	STONE	ROOF TILE	CERAMIC TILE	PORCELAIN TILE	PLASTICS	PVC	STEEL DECK PLATE
Concrete Drill Bits	Concrete Drill Bit **B Type**	◎	◎	◎	○	○	○	○	○	△	○	△						
	Cordress Driver Drill Bit **RJ Type**	△	○	◎	○	◎	◎	◎	◎	○	◎	△	○	○	◎	○	○	
	Cordress Percussion Drill Bit **BJ Type**	◎	◎	◎	○	○	○	○	○	△	○	△						
	Cordress Driver Drill Bit **TJ Type** (For Ceramic Tile)		○	○	◎	◎	○	◎	◎	○	◎		◎	◎	◎	○	○	
	Cordress Diamond Core Bit **DJ Type**	△	○	○	○			◎	○		○	○	◎	◎	◎			
	Ceramic Tile Bit **TR Type**		○	○	◎	◎	○	◎	◎	○	◎		◎	◎	◎	○	○	
	Stone Bit **SB Type**	○	○	○	○	○	○	△	△	△	△	◎			△	△	△	
	SDS-plus Drill Bit	◎	◎	◎	○	○	○	△	△	△	△	◎						△
	SDS Tip Top Bit	◎	◎	◎	○	○	○	△	△	△	△	○						△
	SDS-plus UX	◎	◎	◎	○	○	○	△	△	△	△	○						◎
	SDS-max Bit	◎	○	○	○	△	○	△	△	△	△	◎						△
	Hexagonal Shank Drill Bit	◎	○	○	○	△	○	△	△	△	△	◎						△
	Tapered Shank Drill Bit	◎	○	○	○	△	○	△	△	△	△	◎						△
Chisels	**Bull Point**	◎	○	○	○							○						
	Cold Chisel	◎	○	○	○							○						

Concrete Drill Bit B Type

Percussion + Rotation

- A wide range of sizes to meet the broad needs of the work environment.
- Demonstrate an outstanding cutting feel with uniquely designed cutting edge shape and angle employing ultra-hard tips with emphasis on durability.
- SKS(alloy tool steel) material is selected for the under 5.0 mm sizes from the cutting edge giving excellent abrasion and shock resistance. This reduces snapping and bending of drill bits to a minimum.

Applicable Electric Tool Percussion Drill



CONCRETE	BLOCK / BRICK	MORTAR
SLATE	ALC	JAPANESE WALL
PLASTERBOARD	STONE	PORCELAIN TILE

B Type (Straight)

Blister pack

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
○	B2.5X85BP	*2.5	85	50	10	
	B2.6X85BP	*2.6				
	B2.8X85BP	*2.8				
◎	B3.0X85BP	3.0				
○	B3.2X85BP	3.2				
◎	B3.4X85BP	3.4				
◎	B3.5X85BP	3.5				
△	B3.8X85BP	3.8				
○	B4.0X85BP	4.0				
◎	B4.3X85BP	4.3				
	B4.4X85BP	*4.4				
◎	B4.5X85BP	4.5				
○	B4.8X85BP	4.8				
◎	B5.0X85BP	5.0				
	B5.3X100BP	5.3	100	65	10	
	B5.4X100BP	5.4				
○	B5.5X100BP	5.5				
◎	B6.0X100BP	6.0				
◎	B6.4X100BP	6.4				
△	B6.5X100BP	6.5				
	B6.6X100BP	*6.6				
○	B7.0X125BP	7.0	125	75	10	
	B7.2X125BP	*7.2				
△	B7.5X125BP	7.5				
○	B8.0X125BP	8.0				
◎	B8.5X125BP	8.5				
	B8.7X125BP	*8.7				
△	B9.0X150BP	9.0	150	90	10	
	B9.5X150BP	9.5				
○	B10.0X150BP	10.0				
◎	B10.5X150BP	10.5				
△	B11.0X150BP	11.0				

Items marked * are special size. Please confirm stock before ordering.

B Type (Combination Straight)

	Code		Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
	Non-pack	Blister Pack					
	B11.5X200	B11.5X200BP	11.5	200	120	6	
○	B12.0X200	B12.0X200BP	12.0				
	B12.3X200	B12.3X200BP	*12.3				
○	B12.5X200	B12.5X200BP	12.5				
○	B12.7X200	B12.7X200BP	12.7				
	B13.0X200	B13.0X200BP	13.0				
	B13.5X200	B13.5X200BP	13.5				
△	B14.0X200	B14.0X200BP	14.0				
	B14.3X200	B14.3X200BP	14.3				
○	B14.5X200	B14.5X200BP	14.5				
	B15.0X200	B15.0X200BP	15.0				
	B16.0X240	B16.0X240BP	16.0	240	120	6	
	B16.5X240	B16.5X240BP	16.5				
	B17.0X240	B17.0X240BP	17.0				
	B17.5X240	B17.5X240BP	17.5				
△	B18.0X240	B18.0X240BP	18.0				
	B19.0X240	B19.0X240BP	19.0				
	B19.2X240	B19.2X240BP	*19.2				
	B20.0X240	B20.0X240BP	20.0				
	B21.0X240	B21.0X240BP	21.0				
	B21.5X240	B21.5X240BP	21.5				
	B22.0X240	B22.0X240BP	22.0				
	B23.0X280		23.0	280	140	3	
	B24.0X280		24.0				
	B25.0X280		25.0				
	B25.5X280		25.5				
	B26.0X280		26.0				
	B27.0X280		27.0				
	B28.0X280		28.0				
	B28.5X280		28.5				
	B29.0X280		29.0				
	B30.0X280		30.0				
	B32.0X280		32.0				
	B35.0X280		35.0	280	140	1	
	B38.0X280		38.0				
	B40.0X280		40.0				

Items marked * are special size. Please confirm stock before ordering.

TOOL BOX SET

There is also the tool box set which is convenient to carrying and receiving.

[Concrete Drill Set] 10 Pcs Set [TB-20]

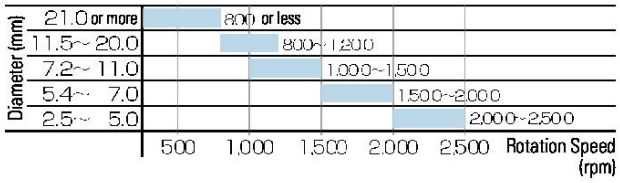
(Overall Length: 85 mm Type)
3.2/3.5/4.3/4.5/4.8/5.0mm×each 1

(Overall Length: 100 mm Type)
6.0/6.4mm×each 1

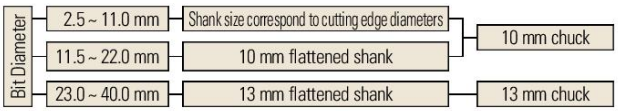
(Overall Length: 125 mm Type)
8.0/8.5mm×each 1

*Products any size outside the standard are also available by special order. Contact us for terms and conditions, etc.

Appropriate rotation speed of electric drill used



Chuck size



Penetration test data

(Penetration test of 27 mm thick marble) Drill with a diameter of 4.8 mm used.

B Type Long (Straight)

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
○	BL4.3X115	4.3	115	70	10	
	BL3.8X120	*3.8	120	70	10	
	BL3.2X150	*3.2	150	90	10	
○	BL3.4X150	3.4				
○	BL3.5X150	3.5				
	BL4.0X150	4.0				
○	BL4.3X150	4.3				
	BL4.5X150	4.5				
	BL4.8X150	4.8				
	BL5.0X150	5.0				
	BL5.3X150	5.3				
	BL5.5X150	5.5				
	BL6.0X150	6.0				
	BL6.4X150	6.4				
	BL4.8X200	4.8	200	120	6	
	BL5.0X200	5.0				
	BL5.5X200	5.5				
	BL6.0X200	6.0				
	BL6.4X200	6.4				
	BL6.5X200	6.5				
	BL7.0X200	7.0				
	BL8.0X330	8.0	330	200	6	
	BL8.5X330	8.5				
	BL9.0X330	9.0				
	BL9.5X330	9.5				
	BL10.0X330	10.0				
	BL10.5X330	10.5				
	BL11.0X330	11.0				

Items marked * are special size. Please confirm stock before ordering.

B Type Long (Combination Straight)

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
△	BL12.0X330	12.0	330	200	6	
△	BL12.5X330	12.5				
	BL12.7X330	12.7				
	BL13.0X330	13.0				
	BL14.0X330	14.0				
	BL14.3X330	14.3				
△	BL14.5X330	14.5				
	BL15.0X330	15.0				
	BL16.0X330	16.0	330	200	1	
	BL17.0X330	17.0				
	BL17.5X330	17.5				
	BL18.0X330	18.0				
	BL19.0X330	19.0				
	BL20.0X330	20.0				
	BL21.0X330	21.0				
	BL22.0X330	22.0				
	BL23.0X330	23.0				
	BL24.0X330	24.0				
	BL25.0X330	25.0				

Concrete Drill Bit (Set of 10)

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Set	Set/Box	
	DP10-B34	3.4	85	50	10	5	
△	DP10-B35	3.5					
	DP10-B43	4.3					
	DP10-B45	4.5					
	DP10-B48	4.8					
	DP10-B50	5.0					

Concrete Drill Bit (Set of 5)

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Set	Set/Box	
○	DP5-B34	3.4	85	50	5	5	
○	DP5-B35	3.5					
△	DP5-B43	4.3					
	DP5-B45	4.5					
	DP5-B48	4.8					
	DP5-B50	5.0					
	DP5-B60	6.0	100	65	5	5	
	DP5-B64	6.4					

Concrete Drill Bit (Handy size/Set of 5)

Code	Diameter (mm)					Pcs./Set	Set/Box	
DP-5A	3.5	4.8	5.0	6.0	6.4	5	6	
DP-5B	3.4	4.3	4.5	4.8	6.4			

Concrete Drill Bit (Handy size/Set of 3)

Code	Diameter (mm)			Pcs./Set	Set/Box	
DP-3A	3.5	4.8	6.4	3	6	
DP-3B	4.5	4.8	6.4			

CONCRETE DRILL BIT SET (Set of 10)

CONCRETE DRILL BIT SET (Set of 5)

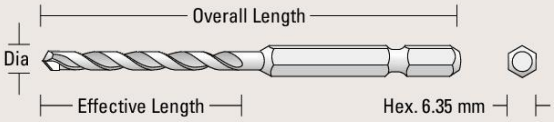
Cordless Driver Drill Bit RJ Type

Rotation + Impact

- The integral configuration from shank to cutting edge enables reliable drilling.
- Can be used in either rotating or impact modes.
- Easily attached to various types of rechargeable drill.

*No use by percussion drill.

Applicable Electric Tool Cordless Drill / Driver Drill / Electric Drill (under 400W)



BLOCK / BRICK	MORTAR	JAPANESE WALL	ALC
CERAMIC TILE	PORCELAIN TILE	CONCRETE	SLATE
ROOF TILE	PLASTIC	PVC	EXTERIOR PANELS

RJ Type

Blister pack

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
△	RJ2.5X90	2.5	90	37	10	
	RJ2.8X90	2.8				
◎	RJ3.0X90	3.0	90	45	10	
◎	RJ3.2X90	3.2				
◎	RJ3.4X90	3.4				
◎	RJ3.5X90	3.5				
	RJ3.8X95	3.8	95	50	10	
○	RJ4.0X95	4.0				
◎	RJ4.3X95	4.3				
○	RJ4.5X95	4.5				
△	RJ4.8X95	4.8				
○	RJ5.0X95	5.0				
	RJ5.3X100	5.3	100	55	10	
	RJ5.5X100	5.5				
○	RJ6.0X100	6.0				
○	RJ6.4X100	6.4				
	RJ6.5X100	6.5				
	RJ7.0X115	7.0	115	65	10	
	RJ7.2X115	7.2				
	RJ7.5X115	7.5				
	RJ8.0X115	8.0				
	RJ8.5X115	8.5				
	RJ9.0X115	9.0				
	RJ9.5X135	9.5	135	85	10	
	RJ10.0X135	10.0				
	RJ10.5X135	10.5				

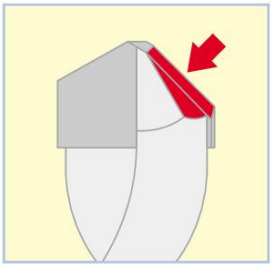
RJ Type Long

Blister pack

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
○	RJL3.4X150	3.4	150	100	10	
○	RJL3.5X150	3.5				
	RJL4.0X150	4.0				
○	RJL4.3X150	4.3				
△	RJL4.5X150	4.5				
	RJL4.8X150	4.8				
△	RJL5.0X150	5.0				
	RJL5.3X150	5.3	150	100	10	
	RJL5.5X150	5.5				
△	RJL6.0X150	6.0				
△	RJL6.4X150	6.4				
	RJL6.5X150	6.5				

Asymmetric cutting edge shape

Asymmetrical grinding the TCT tip of the cutting edge reduces cutting resistance, enabling work material drilling with low torque.



Cordless Driver Drill Bit (Set of 5)

Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Set	Set/Box	
DP5-RJ34	3.4	90	45	5	5	
DP5-RJ35	3.5	90	45			
DP5-RJ43	4.3	95	50			

Cordless Driver Drill Bit (Set of 3)

Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Set	Set/Box	
DP3-RJ34	3.4	90	45	3	5	
DP3-RJ35	3.5	90	45			
DP3-RJ43	4.3	95	50			

Cordless Driver Drill Bit (Handy size/Set of 5)

Code	Diameter (mm)					Pcs./Set	Set/Box	
DPRJ-5A	3.5	4.8	5.0	6.0	6.4	5	5	
DPRJ-5B	3.4	4.3	4.5	4.8	6.4			
DPRJ-5C	3.4	4.8	5.0	6.0	6.4			

Cordless Driver Drill Bit (Handy size/Set of 3)

Code	Diameter (mm)			Pcs./Set	Set/Box	
DPRJ-3A	3.5	4.8	6.4	3	5	
DPRJ-3B	4.5	4.8	6.4			
DPRJ-3C	3.4	4.8	6.4			

CORDLESS DRIVER DRILL BIT SET (Set of 5)

CORDLESS DRIVER DRILL BIT SET (Set of 3)

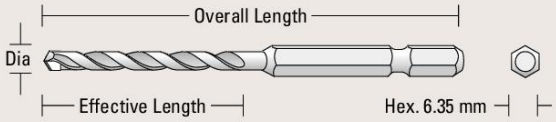
Cordless Percussion Drill Bit BJ Type

Percussion + Rotation

- Adaptation to vibration drill allows for drilling in concrete with Percussion mode.
- Integral configuration from shank to cutting edge eliminates deflection and chatter of cutting edge, allowing for correct drilling.
- Adoption of 6.35mm hexagonal shaft shank improves torque transmission efficiency.

*This cannot be used with an impact driver.

Applicable Electric Tool Percussion Drill (under 400W) / Cordless Percussion Drill



CONCRETE	BLOCK / BRICK	MORTAR
SLATE	ALC	JAPANESE WALL
PLASTERBOARD	STONE	PORCELAIN TILE

BJ Type Blister pack

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
○	BJ3.0X90	3.0	90	45	10	
△	BJ3.2X90	3.2				
◎	BJ3.4X90	3.4				
◎	BJ3.5X90	3.5				
	BJ3.8X95	3.8	95	50	10	
	BJ4.0X95	4.0				
○	BJ4.3X95	4.3				
△	BJ4.5X95	4.5				
	BJ4.8X95	4.8				
△	BJ5.0X95	5.0				
	BJ5.3X100	5.3	100	55	10	
	BJ5.5X100	5.5				
○	BJ6.0X100	6.0				
△	BJ6.4X100	6.4				
	BJ6.5X100	6.5				

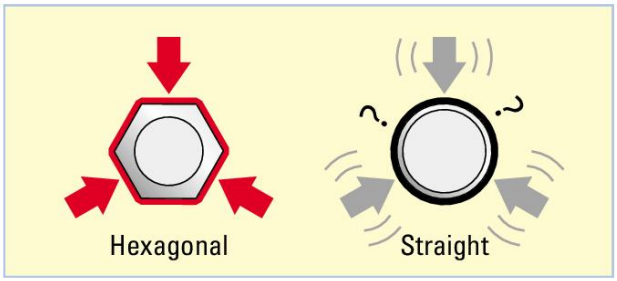
Cutting edge adaptable to percussion mode

Combination of cutting edge shape and special cemented carbide tip allows for secure drilling in concrete.

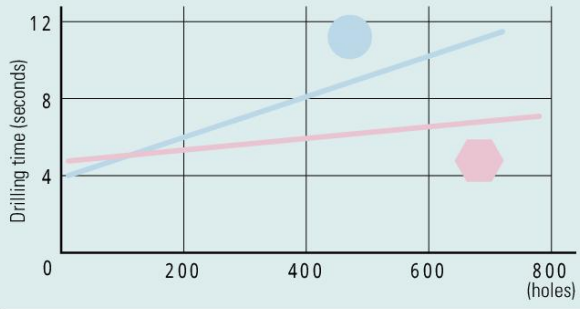
[Caution]
Impact driver has weak impact force, therefore, cannot drill in concrete.

Hexagonal shank

Hexagonal shaft can be firmly chucked in vibration drill, therefore, stable sharpness can be maintained with no slip of the chuck.



Drilling data Material drilled: Concrete Drilling depth: 40 mm
Diameter: 4.8 mm Drill used: 100V percussion drill



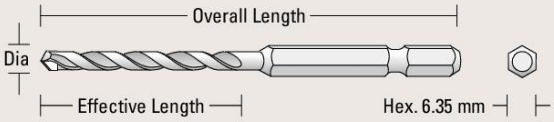
Cordless Driver Drill Bit (For Ceramic Tile) TJ Type

Rotation + Impact

- Cutting edge configuration dedicated to impact driver realizes abrasion resistance to tiles and durability.
- Integral configuration eliminates deflection and chatter of cutting edge, allowing for correct drilling.
- Can be used in either rotating or impact modes.
- Easily attached to various types of cordless drills in a single operation.

*This cannot be used for an vibration drill.

Applicable Electric Tool Cordless Drill / Driver Drill / Electric Drill (under 400W)



CERAMIC TILE	ROOF TILE	PORCELAIN TILE
SLATE	ALC	PLASTERBOARD
BLOCK / BRICK	MORTAR	PLASTIC

TJ Type Blister pack

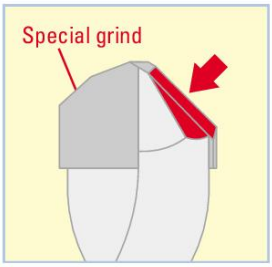
	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
	TJ3.0X90	3.0	90	45	10	
	TJ3.2X90	3.2				
	TJ3.4X90	3.4				
	TJ3.5X90	3.5				
	TJ3.8X95	3.8	95	50	10	
	TJ4.0X95	4.0				
	TJ4.3X95	4.3				
	TJ4.5X95	4.5				
	TJ4.8X95	4.8				
	TJ5.0X95	5.0				
	TJ5.3X100	5.3	100	55	10	
	TJ5.5X100	5.5				
	TJ6.0X100	6.0				
	TJ6.4X100	6.4				
	TJ6.5X100	6.5				

One-touch attachable to the impact driver

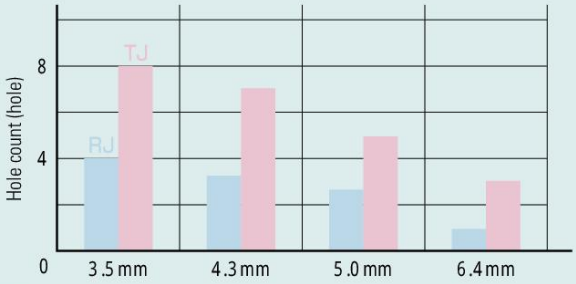
Asymmetric cutting edge shape

Asymmetrical grinding of the TCT tip of the cutting edge reduces cutting resistance, enabling work material drilling with low torque.

Application of special grind realizes abrasion resistance to tiles and durability.



Drilling data (Dry drilling) Material drilled: Ceramic tile Material thickness: 8 mm
Drill used: 12V impact driver



*The hole drilling count varies depending on the type.

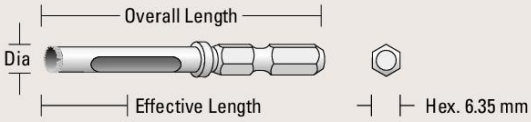
Cordless Diamond Core Bit (For Ceramic Tile) DJW Type

Semi-dry | Rotation + Impact

- When using the specially developed wax, no water cooling is required.
- This brazed diamond cutter tool is ideal on an impact electric driver. Offers fast drilling and long life.
- With the positioning guide, stable drilling is assured.

*The positioning guide is sold optionally.

Applicable Electric Tool Cordless Drill / Driver Drill / Electric Drill (under 400W)



CERAMIC TILE	STONE MATERIAL TILE
HARD TILE	GRANITE STONE
MARBLE	ROOF TILE

DJW Type (Semi-dry wax was enclosed) Blister pack

Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
DJW5.0X60S	5.0	60	15	5	
DJW6.0X60S	6.0				
DJW6.4X60S	6.4				
DJW7.0X60S	7.0				
DJW8.0X60S	8.0				
DJW10.0X60S	10.0				
DJW12.0X60S	12.0				

Positioning Guide

Code	Matching hole Diameter (mm)
DJW-PGD	5~12

*In use, Immediately after use the tool gets quite hot. Definitely do not touch with bare hands.

*Make sure the diamond core drill diameter size matches the drilling guide before drilling.

*For positioning and aligning, use the V-groove guide which fits all sizes.

⚠ Notes on the use of semi-dry wax

During use and immediately after use, the core drill and cutting waste becomes very hot so take care of that to not touch it with bare hands.

In addition, after drilling porcelain shavings and used wax may be scattered around the work area, therefore prepare the surrounding area for it.

Drilling data (Wet drilling)

Material drilled: Ceramic tile Material thickness: 8 mm
Diameter: 6.0 mm Drill used: Impact driver

You will get about the same performance as when fully using water but without all the water mess.

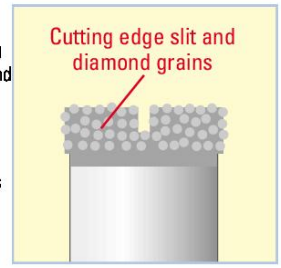
Just apply the semi-dry wax to the drilling edge.

Due to the special cooling properties in the semi-dry wax, there is no need for using messy water when the wax is applied.

Special braze diamond cutting edge

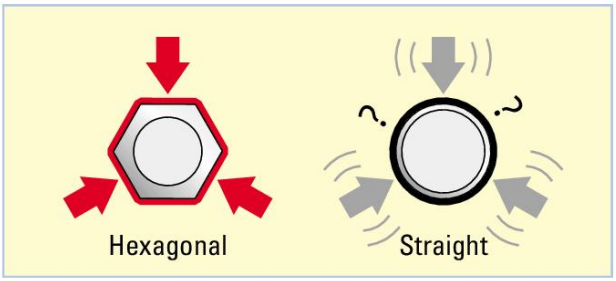
The special blazed diamond cutting edge along the entire circumference offers optimal diamond drilling performance in hard porcelain.

With their improved brazed diamond arrangement and applying the specially developed wax, drilling performance and life is very close to that of the most advanced diamond drilling with water.

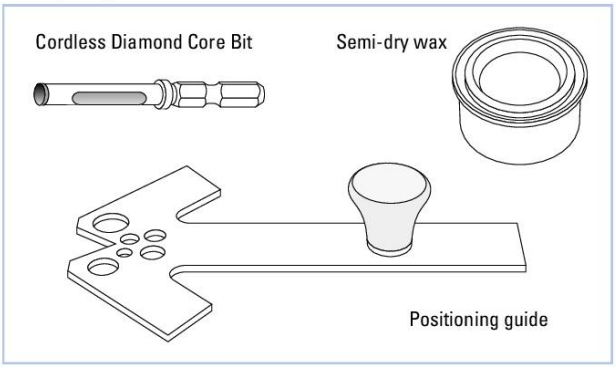


Hexagonal shank

Due to its 6.35mm HEX shank, stable holding and positioning is assured.



Drilling components

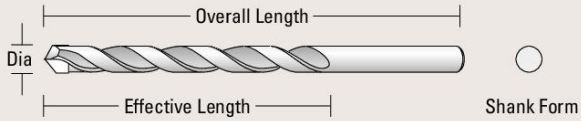


Ceramic Tile Drill Bit TR Type

Rotation

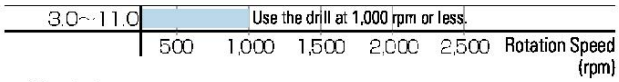
- Ideal for drilling approximately 10 to 15 ceramic tiles.
- Uses a special ultra-hard tip to maintain drilling performance. Drills efficiently through even difficult materials.
- Even more outstanding cutting efficiency and durability is demonstrated if cooled using water when drilling.

Applicable Electric Tool Electric Drill / Percussion Drill (rotating mode)



CERAMIC TILE	ROOF TILE	PORCELAIN TILE
SLATE	ALC	PLASTERBOARD
BLOCK / BRICK	MORTAR	PLASTIC

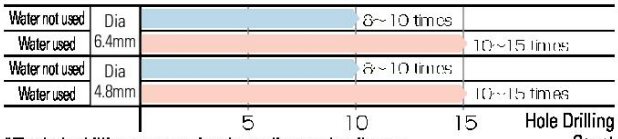
Appropriate rotation speed of electric drill used



Chuck size

Drill bit of all sizes attachable to the 10 mm chuck.

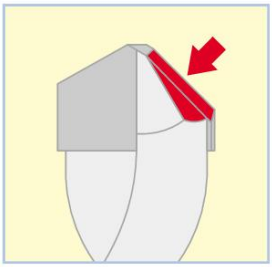
Comparison of hole drilling count when water is used and not used



*The hole drilling count varies depending on the tile type.

Asymmetric cutting edge shape

Asymmetrical grinding the TCT tip of the cutting edge reduces cutting resistance, enabling work material drilling with low torque.



TR Type — Blister pack

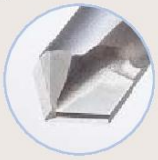
	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
○	TR3.0X85	3.0	85	50	10	
△	TR3.2X85	3.2				
◎	TR3.4X85	3.4				
◎	TR3.5X85	3.5				
△	TR3.8X85	3.8				
○	TR4.0X85	4.0				
◎	TR4.3X85	4.3				
◎	TR4.5X85	4.5				
○	TR4.8X85	4.8				
◎	TR5.0X85	5.0				
	TR5.3X100	5.3	100	65	10	
△	TR5.5X100	5.5				
◎	TR6.0X100	6.0				
○	TR6.4X100	6.4				
	TR6.5X100	6.5				
	TR7.0X125	7.0	125	75	10	
	TR7.2X125	7.2				
	TR7.5X125	7.5				
○	TR8.0X125	8.0				
△	TR8.5X125	8.5				
	TR9.0X150	9.0	150	90	10	
	TR9.5X150	9.5				
	TR10.0X150	10.0				
	TR10.5X150	10.5				
	TR11.0X150	11.0				

*Products any size outside the standard are also available by special order. Contact us for terms and conditions, etc.

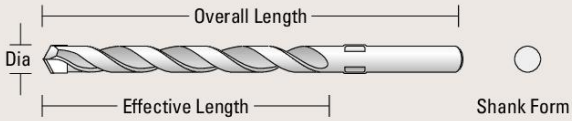
Stone Drill Bit SB Type

Percussion + Rotation

- Handles stone from general types to hard-to-drill granite with excellent cutting feel and durability.
- The "anti-slip" engraved on the shank realizes effective power transmission.
- Even more outstanding cutting efficiency and durability is demonstrated if cooled using water when drilling.

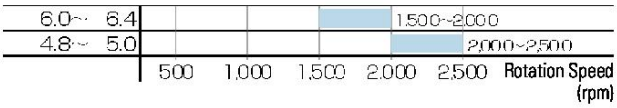


Applicable Electric Tool Percussion Drill



STONE	CONCRETE
MORTAR	BLOCK / BRICK
SLATE	JAPANESE WALL

Appropriate rotation speed of electric drill used



Chuck size

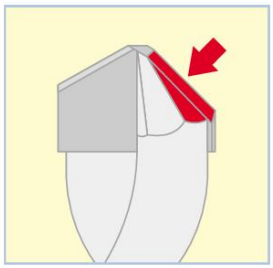
Drill bit of all sizes attachable to the 10 mm chuck.

SB Type Blister pack

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
○	SB3.0X85BP	3.0	85	50	10	
△	SB3.2X85BP	3.2				
○	SB3.4X85BP	3.4				
◎	SB3.5X85BP	3.5				
◎	SB4.0X85BP	4.0				
△	SB4.3X85BP	4.3				
	SB4.5X85BP	4.5				
	SB4.8X85BP	4.8				
○	SB5.0X85BP	5.0				
	SB5.5X100BP	5.5	100	65	10	
◎	SB6.0X100BP	6.0				
○	SB6.4X100BP	6.4				
	SB7.0X125BP	7.0	125	75	10	
△	SB8.0X125BP	8.0				

Asymmetric cutting edge shape

Asymmetrical grinding the TCT tip of the cutting edge reduces cutting resistance, enabling work material drilling with low torque.



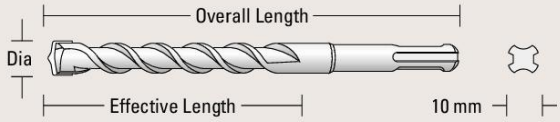
*Products any size outside the standard are also available by special order. Contact us for terms and conditions, etc.

SDS Tip Top Bit TT Type

Hammering + Rotation

- Work material is sharply drilled and drilling speed is increased by candle-shaped cemented carbide tip and thinning the cutting edge.
- The center point at the top end of the cemented carbide tip offers excellent positioning performance, allowing for hole drilling close to a perfect circle.
- The center point prevents runout during drilling.

Applicable Electric Tool Rotary Hammer Drill (SDS-plus)



CONCRETE	BLOCK / BRICK
MORTAR	SLATE
JAPANESE WALL	STONE

TT Type

Blister pack

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
	TT3.2X110BP	3.2	110	45	10	
◎	TT3.4X110BP	3.4				
◎	TT3.5X110BP	3.5				
	TT3.8X110BP	3.8				
△	TT4.0X110BP	4.0				
◎	TT4.3X110BP	4.3				
○	TT4.5X110BP	4.5				
○	TT4.8X110BP	4.8				
◎	TT5.0X110BP	5.0				
	TT5.3X110BP	5.3				
	TT5.4X110BP	5.4				
△	TT5.5X110BP	5.5				
○	TT6.0X110BP	6.0				
△	TT6.4X110BP	6.4				

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
◎	TT3.4X160EP	3.4	160	100	10	
△	TT3.5X160EP	3.5				
◎	TT4.3X160EP	4.3				
○	TT4.5X160EP	4.5				
	TT4.8X160EP	4.8				
○	TT5.0X160EP	5.0				
△	TT5.3X160EP	5.3				
	TT5.4X160EP	5.4				
△	TT5.5X160EP	5.5				
○	TT6.0X160EP	6.0				
○	TT6.4X160EP	6.4				
△	TT6.5X160EP	6.5				
△	TT7.0X160EP	7.0				
	TT7.2X160EP	7.2				
	TT7.5X160EP	7.5				
○	TT8.0X160EP	8.0				
◎	TT8.5X160EP	8.5	160	100	10	
	TT9.0X160EP	9.0				
	TT9.5X160EP	9.5				
○	TT10.0X160EP	10.0				
◎	TT10.5X160EP	10.5				
	TT11.0X160EP	11.0				
	TT11.5X160EP	11.5				
△	TT12.0X160EP	12.0				
◎	TT12.5X160EP	12.5				
○	TT12.7X160EP	12.7				
	TT13.0X160EP	13.0				
	TT13.5X160EP	13.5				
	TT14.0X160EP	14.0				
	TT14.3X160EP	14.3				
◎	TT14.5X160EP	14.5				
	TT15.0X160EP	15.0	160	100	6	
	TT16.0X160EP	16.0				
△	TT16.5X160EP	16.5				
	TT17.0X160EP	17.0				
	TT17.5X160EP	17.5				
○	TT18.0X160EP	18.0				

SDS Tip Top Bit (Set of 5)

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Set	Set/Box	
○	DP5-T34	3.4	110	45	5	5	
△	DP5-T35	3.5					
	DP5-T43	4.3					

SDS Tip Top Bit (Set of 3)

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Set	Set/Box	
◎	DP3-T34	3.4	110	45	3	5	
○	DP3-T35	3.5					
△	DP3-T43	4.3					
	DP3-T50	5.0					
	DP3-T60	6.0					

SDS TIP TOP BIT SET
(Set of 5)

SDS TIP TOP BIT SET
(Set of 3)

TOOL BOX SET

The tool box set is also convenient for carrying and storing.

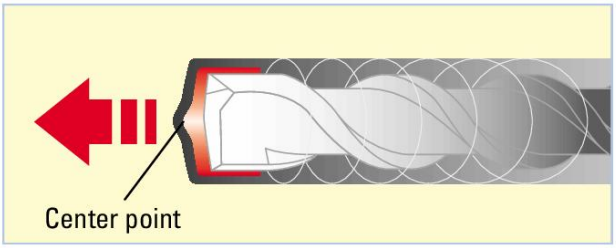
[SDS Tip Top Bit Set] Set of 10 [TB-21TT]

(Overall Length: 110mm Type)
3.5/4.3/4.8/5.0mm×each 1

(Overall Length: 160mm Type)
6.4/8.5/10.5/12.5/12.7/14.5mm×each 1

Drilling speed-up

Work material is sharply and quickly drilled by candle-shaped cemented carbide tip and thinning the cutting edge. The center point at the top end of the cemented carbide tip offers excellent positioning performance.



TT Type Long

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
	TL80X210	8.0	210	150	1	
△	TL85X210	8.5				
	TL90X210	9.0				
	TL95X210	9.5				
	TL100X210	10.0				
	TL105X210	10.5				
	TL120X210	*12.0				
	TL125X210	12.5				
	TL127X210	12.7				
	TL140X210	14.0				
	TL145X210	14.5				
	TL150X210	15.0				
	TL160X210	16.0				
	TL170X210	*17.0				
	TL180X210	18.0				
○	TL190X210	19.0				
△	TL200X210	20.0				

TT Type Long

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
△	TL100X260	10.0	260	200	1	
○	TL105X260	10.5				
	TL110X260	11.0				
	TL120X260	12.0				
○	TL125X260	12.5				
△	TL127X260	12.7				
	TL130X260	13.0				
	TL135X260	13.5				
	TL140X260	14.0				
	TL143X260	14.3				
○	TL145X260	14.5				
	TL150X260	15.0				
	TL160X260	16.0				
	TL165X260	16.5				
	TL170X260	17.0				
	TL175X260	17.5				
△	TL180X260	18.0				
	TL190X260	19.0				
	TL200X260	20.0				
	TL215X260	21.5				
○	TL220X260	22.0				
	TL225X260	22.5				
	TL230X260	23.0				
△	TL240X260	24.0				
△	TL250X260	25.0				
	TL260X260	*26.0				

TT Type Long

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
	TL100X350	10.0	350	290	1	
	TL105X350	10.5				
	TL110X350	*11.0				
	TL120X350	12.0				
	TL125X350	12.5				
	TL127X350	12.7				
	TL130X350	13.0				
	TL135X350	13.5				
	TL140X350	14.0				
	TL143X350	*14.3				
	TL145X350	14.5				
	TL150X350	15.0				
	TL160X350	16.0				
	TL165X350	16.5				
	TL170X350	17.0				
	TL175X350	17.5				
	TL180X350	18.0				
	TL190X350	19.0				
	TL200X350	20.0				
	TL220X350	22.0				
	TL230X350	*23.0				
	TL240X350	24.0				
	TL250X350	25.0				
	TL260X350	*26.0				

TT Type Long

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
	TL100X450	10.0	450	390	1	
○	TL105X450	10.5				
	TL120X450	12.0				
○	TL125X450	12.5				
	TL127X450	12.7				
	TL135X450	*13.5				
	TL143X450	14.3				
△	TL145X450	14.5				
	TL150X450	15.0				
	TL160X450	16.0				
	TL165X450	16.5				
	TL170X450	17.0				
	TL175X450	*17.5				
	TL180X450	18.0				
	TL190X450	19.0				
	TL200X450	20.0				
	TL220X450	22.0				
	TL230X450	23.0				
	TL240X450	24.0				
	TL250X450	25.0				
	TL260X450	26.0				

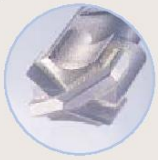
TT Type Super Long

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
	TTL100X1000	10.0	1,000	200	1	
	TTL120X1000	12.0				
○	TTL125X1000	12.5				
	TTL145X1000	14.5				
	TTL165X1000	16.5				

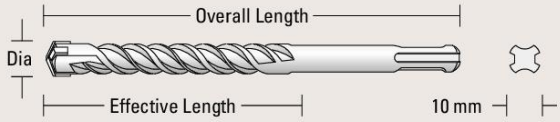
SDS-plus UX

Hammering + Rotation

- Adopts a cross blade for cutting edge that enables penetration through deck plates.
- Hole drilling at nearly perfect circles enabled. This realizes smooth anchor insertion.
- Cross blade less likely to become trapped with less wear of the cutting edge and outside diameter, when hitting against reinforcement bars. Stable drilling ability is maintained.



Applicable Electric Tool Rotary Hammer Drill (SDS-plus)



STEEL DECK PLATE + CONCRETE	
BLOCK / BRICK	MORTAR
JAPANESE WALL	STONE

UX Type

Blister pack

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
△	JX6.0X160	6.0	160	100	10	
△	JX6.4X160	6.4				
	JX6.5X160	6.5				
	JX7.0X160	7.0				
	JX7.2X160	7.2				
	JX7.5X160	7.5				
△	JX8.0X160	8.0	160	100	10	
◎	JX8.5X160	8.5				
	JX9.0X160	9.0				
	JX9.5X160	9.5				
○	JX10.0X160	10.0				
◎	JX10.5X160	10.5				
	JX11.0X160	11.0				
○	JX12.0X160	12.0				
◎	JX12.5X160	12.5				
◎	JX12.7X160	12.7				
	JX13.0X160	13.0				
	JX13.5X160	13.5				
	JX14.0X160	14.0				
	JX14.3X160	14.3				
◎	JX14.5X160	14.5				
	JX15.0X160	15.0	160	100	6	
△	JX16.0X160	16.0				
○	JX16.5X160	16.5				
	JX17.0X160	17.0				
	JX17.5X160	17.5				
○	JX18.0X160	18.0				

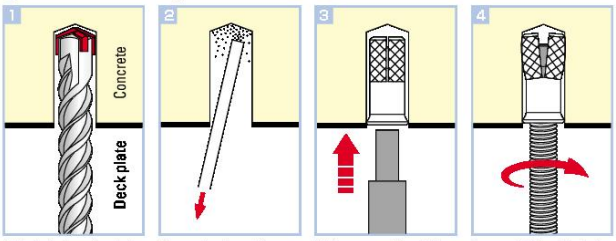
UX Type Long

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
	UX-8.0X210	8.0	210	150	1	
	UX-8.5X210	8.5				
	UX-9.0X210	9.0				
	UXL10.0X210	10.0				
	UXL10.5X210	10.5				
	UXL12.0X210	12.0				
	UXL12.5X210	12.5				
	UXL12.7X210	12.7				
	UXL14.0X210	14.0				
	UXL14.5X210	14.5				
	UXL15.0X210	15.0				
	UXL16.0X210	16.0				
	UXL17.0X210	17.0				
	UXL18.0X210	18.0				
	UXL19.0X210	19.0				
	UXL20.0X210	20.0				

UX Type Long

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
	UXL10.0X260	10.0	260	200	1	
	UXL10.5X260	10.5				
	UXL12.0X260	12.0				
	UXL12.5X260	12.5				
	UXL12.7X260	12.7				
	UXL14.0X260	14.0				
	UXL14.5X260	14.5				
	UXL15.0X260	15.0				
	UXL16.0X260	16.0				
	UXL16.5X260	16.5				
	UXL17.0X260	17.0				
	UXL18.0X260	18.0				
	UXL19.0X260	19.0				
	UXL20.0X260	20.0				
	UXL22.0X260	22.0				
	UXL23.0X260	23.0				
	UXL24.0X260	24.0				
	UXL25.0X260	25.0				
	UXL26.0X260	26.0				

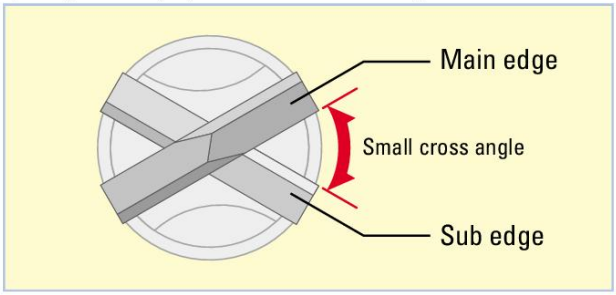
Installation Example (Unicon Anchor)



1. Drill a hole above the deck plate at a specified hole diameter and to a specified hole depth.
2. Remove shavings with a dust collector or blower.
3. Strike a cone with a striking rod to set the anchor.
4. Screw a full thread bolt, etc. This completes installation.

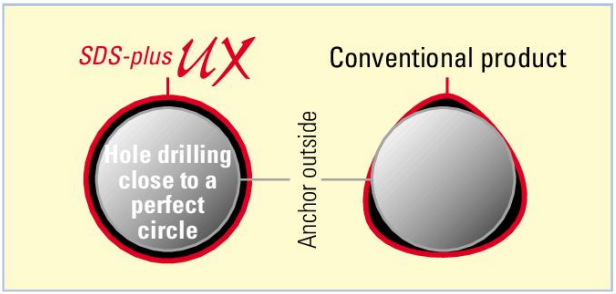
Cross blade penetrates through deck plate

The cross blade developed to enable penetration through deck plate reduces the cross angle and prevents a reduction in drilling speed with the 2-edge (main, auxiliary) construction. Realizes hole drilling at nearly a perfect circle by proactively operating the auxiliary edge to outer circumference cutting.



Hole drilling at nearly perfect circles realized

Adopts the cross blade for cutting edge that enables not only penetration through deck plates but also hole drilling close to a perfect circle. In addition, anchor insertion is smoothly performed and the vibration burden during work is reduced.



UX Type Long

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
	UXL100X350	10.0	350	290	1	
	UXL105X350	10.5				
	UXL110X350	11.0				
	UXL120X350	12.0				
	UXL125X350	12.5				
	UXL127X350	12.7				
	UXL130X350	13.0				
	UXL140X350	14.0				
	UXL143X350	14.3				
	UXL145X350	14.5				
	UXL150X350	15.0				
	UXL160X350	16.0				
	UXL165X350	16.5				
	UXL170X350	17.0				
	UXL175X350	17.5				
	UXL180X350	18.0				
	UXL190X350	19.0				
	UXL200X350	20.0				
	UXL220X350	22.0				
	UXL230X350	23.0				
	UXL240X350	24.0				
	UXL250X350	25.0				
	UXL260X350	26.0				

UX Type Long

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
	UXL100X450	10.0	450	390	1	
	UXL105X450	10.5				
	UXL120X450	12.0				
	UXL125X450	12.5				
	UXL135X450	13.5				
	UXL145X450	14.5				
	UXL160X450	16.0				
	UXL180X450	18.0				
	UXL190X450	19.0				
	UXL200X450	20.0				
	UXL220X450	22.0				
	UXL230X450	23.0				
	UXL240X450	24.0				
	UXL250X450	25.0				
	UXL260X450	26.0				

UX Type Spuer Long

Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
UXLL100X1000	10.0	1,000	200	1	
UXLL120X1000	12.0				
UXLL125X1000	12.5				

Bull Point (for SDS-plus)

Code		
HTB10X250		

Cold Chisel (for SDS-plus)

Code		Tip Width: 20 mm
HTC10X250		

Flat Chisel (for SDS-plus)

Code		Tip Width: 40 mm
HTF10X250		

Tile Chisel (for SDS-plus)

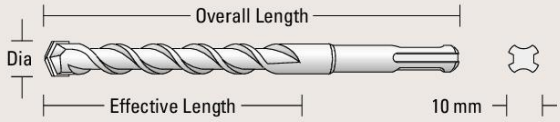
Code		Tip Width: 40 mm
HTT10X260		

SDS-plus Bit SDS Type

Hammering + Rotation

- Can be easily fitted to light hammer drills.
- The use of U-shaped grooves increases the power transfer area (60mm²), efficiently transmitting the hammer and rotation force to the cutting edge.
- A wide range is available, with bit diameters from 3.4 to 26.0mm, and overall Lengths from 110 to 1000mm.

Applicable Electric Tool Rotary Hammer Drill (SDS-plus)



STONE	CONCRETE
BLOCK / BRICK	MORTAR
SLATE	JAPANESE WALL

SDS Type

	Code Non-pack	Code Blister Pack	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
○	SDS3.2X110	SDS3.2X110BP	3.2	110	45	10	
◎	SDS3.4X110	SDS3.4X110BP	3.4				
○	SDS3.5X110	SDS3.5X110BP	3.5				
	SDS3.8X110	SDS3.8X110BP	3.8				
	SDS4.0X110	SDS4.0X110BP	4.0				
◎	SDS4.3X110	SDS4.3X110BP	4.3				
	SDS4.5X110	SDS4.5X110BP	4.5				
	SDS4.8X110	SDS4.8X110BP	4.8				
	SDS5.0X110	SDS5.0X110BP	5.0				
	SDS5.3X110	SDS5.3X110BP	5.3				
	SDS5.4X110	SDS5.4X110BP	5.4				
	SDS5.5X110	SDS5.5X110BP	5.5				
	SDS6.0X110	SDS6.0X110BP	6.0				
△	SDS6.4X110	SDS6.4X110BP	6.4				

SDS-plus Bit (Set of 5)

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Set	Set/Box	
◎	DP5-S34	3.4	110	45	5	5	
	DP5-S35	3.5					
○	DP5-S43	4.3					

SDS-plus Bit (Set of 3)

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Set	Set/Box	
○	DP3-S34	3.4	110	45	3	5	
○	DP3-S35	3.5					
△	DP3-S43	4.3					

SDS-plus BIT SET (Set of 5)

SDS-plus BIT SET (Set of 3)

TOOL BOX SET

The tool box set is also convenient for carrying and storing.

[SDS-plus Drill Set] Set of 10 [TB-21]

(Overall Length: 110mm Type)
3.5/4.3/4.8/5.0mm × each 1

(Overall Length: 160mm Type)
6.4/8.5/10.5/12.5/12.7/14.5mm × each 1

	Code Non-pack	Code Blister Pack	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
◎	SDS3.4X160	SDS3.4X160BP	3.4	160	100	10	
	SDS3.5X160	SDS3.5X160BP	3.5				
◎	SDS4.3X160	SDS4.3X160BP	4.3				
	SDS4.5X160	SDS4.5X160BP	4.5				
	SDS4.8X160	SDS4.8X160BP	4.8				
	SDS5.0X160	SDS5.0X160BP	5.0				
○	SDS5.3X160	SDS5.3X160BP	5.3				
	SDS5.4X160	SDS5.4X160BP	5.4				
	SDS5.5X160	SDS5.5X160BP	5.5				
	SDS6.0X160	SDS6.0X160BP	6.0				
○	SDS6.4X160	SDS6.4X160BP	6.4				
	SDS6.5X160	SDS6.5X160BP	6.5				
	SDS6.6X160	SDS6.6X160BP	6.6				
	SDS7.0X160	SDS7.0X160BP	7.0				
	SDS7.2X160	SDS7.2X160BP	7.2				
	SDS7.5X160	SDS7.5X160BP	7.5				
△	SDS8.0X160	SDS8.0X160BP	8.0				
○	SDS8.5X160	SDS8.5X160BP	8.5	160	100	10	
	SDS8.7X160	SDS8.7X160BP	* 8.7				
	SDS9.0X160	SDS9.0X160BP	9.0				
	SDS9.5X160	SDS9.5X160BP	9.5				
	SDS10.0X160	SDS10.0X160BP	10.0				
○	SDS10.5X160	SDS10.5X160BP	10.5				
	SDS11.0X160	SDS11.0X160BP	11.0				
	SDS11.5X160	SDS11.5X160BP	11.5				
	SDS12.0X160	SDS12.0X160BP	12.0				
○	SDS12.5X160	SDS12.5X160BP	12.5				
	SDS12.7X160	SDS12.7X160BP	12.7				
	SDS13.0X160	SDS13.0X160BP	13.0				
	SDS13.5X160	SDS13.5X160BP	13.5				
	SDS14.0X160	SDS14.0X160BP	14.0				
	SDS14.3X160	SDS14.3X160BP	14.3				
△	SDS14.5X160	SDS14.5X160BP	14.5				
	SDS15.0X160	SDS15.0X160BP	15.0	160	100	6	
	SDS16.0X160	SDS16.0X160BP	16.0				
	SDS16.5X160	SDS16.5X160BP	16.5				
	SDS17.0X160	SDS17.0X160BP	17.0				
	SDS17.5X160	SDS17.5X160BP	17.5				
△	SDS18.0X160	SDS18.0X160BP	18.0				
△	SDS19.0X200		19.0	200	140	6	
	SDS20.0X200		20.0				
	SDS21.5X250		21.5	250	190	6	
△	SDS22.0X250		22.0				
	SDS22.5X250		22.5	250	190	1	
	SDS24.0X250		24.0				
	SDS25.0X250		25.0				

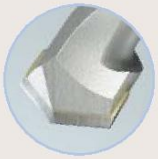
Items marked * are special size. Please confirm stock before ordering.

*Products any size outside the standard are also available by special order. Contact us for terms and conditions, etc.

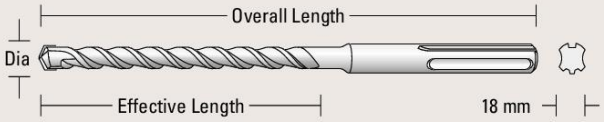
SDS-max Bit SDSMAX Type

Hammering + Rotation

- SDS-max shank hammer drill exclusive bit efficiently transmits a strong impact rotation force to a cutting edge without loss.
- Integral design from chuck section to cutting edge offers outstanding performance in boring and deep drilling work.
- Bull point for gouging hammer and cold chisel also comprise our product lineup.



Applicable Electric Tool SDS-max Hammer Drill



CONCRETE	STONE
BLOCK / BRICK	MORTAR
SLATE	JAPANESE WALL

SDS-max Type

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
△	SDSMAX 100X305	10.0	305	165	1	
◎	SDSMAX 105X305	10.5				
	SDSMAX 110X305	11.0				
△	SDSMAX 120X305	12.0				
○	SDSMAX 125X305	12.5				
○	SDSMAX 127X305	12.7				
	SDSMAX 130X305	13.0				
	SDSMAX 135X305	13.5				
	SDSMAX 140X305	14.0				
	SDSMAX 143X305	14.3				
◎	SDSMAX 145X305	14.5				
	SDSMAX 150X305	15.0				
○	SDSMAX 160X305	16.0				
	SDSMAX 165X305	16.5				
△	SDSMAX 170X305	17.0				
	SDSMAX 175X305	17.5				
◎	SDSMAX 180X305	18.0				
○	SDSMAX 190X305	19.0				
○	SDSMAX200X305	20.0	305	165	1	
△	SDSMAX215X305	21.5				
○	SDSMAX220X305	22.0				
	SDSMAX230X305	23.0				
△	SDSMAX240X305	24.0				
	SDSMAX250X305	25.0				
	SDSMAX255X305	25.5				
	SDSMAX260X305	26.0				
	SDSMAX280X305	28.0				
△	SDSMAX285X305	28.5				
	SDSMAX290X305	29.0				
	SDSMAX300X305	30.0				
	SDSMAX320X305	32.0				
	SDSMAX350X305	35.0				
	SDSMAX380X305	38.0				
	SDSMAX400X305	40.0				

SDS-max Type Long

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
	SDSMAX105X540	10.5	540	400	1	
	SDSMAX127X540	12.7				
	SDSMAX143X540	14.3				
	SDSMAX145X540	14.5				
△	SDSMAX160X540	16.0				
	SDSMAX170X540	17.0				
	SDSMAX180X540	18.0				
△	SDSMAX190X540	19.0				
	SDSMAX200X540	20.0				
	SDSMAX215X540	21.5				
	SDSMAX220X540	22.0				
	SDSMAX240X540	24.0	540	400	1	
	SDSMAX250X540	25.0				
	SDSMAX260X540	26.0				
	SDSMAX280X540	28.0				
	SDSMAX285X540	28.5				
	SDSMAX290X540	29.0				
	SDSMAX300X540	30.0				
	SDSMAX320X540	32.0				
	SDSMAX340X540	34.0				
	SDSMAX350X540	35.0				
	SDSMAX380X540	38.0				
	SDSMAX400X540	40.0				

Bull Point (for SDS-max)

Code	Matching Drill	Pcs./Box	
HTB18X280	SDS-max hammer drill	1	
HTB18X450	⁄SDS-max hammer	1	

Cold Chisel (for SDS-max)

Code	Matching Drill	Pcs./Box	
HTC18X280	SDS-max hammer drill	1	
HTC18X450	⁄SDS-max hammer	1	

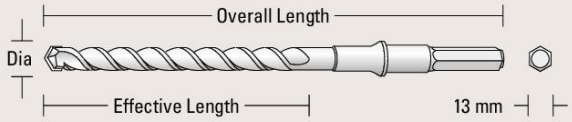
Hexagonal Shank Drill Bit HEX Type

Hammering + Rotation

- The drill bit exclusive to hammer drills enables efficient transfer of the hammering impact and the spinning force.
- The integral design from chuck section to cutting edge offers outstanding performance in piercing and deep drilling work.
- The range also includes bits for drilling holes for anchors, and bits for slope-finishing work, widely meeting work requirements.

*For hole drilling of stone material, use a drill for stone.

Applicable Electric Tool Hammer Drill



CONCRETE	* STONE
BLOCK / BRICK	MORTAR
SLATE	JAPANESE WALL

HEX Type Short

Code: Non-pack	Code: Blister Pack	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box
HEX10.0X280	HEX10.0X280P	10.0	280	162	6
HEX10.5X280	HEX10.5X280P	10.5			
HEX11.0X280	HEX11.0X280P	11.0			
HEX12.0X280	HEX12.0X280P	12.0			
HEX12.5X280	HEX12.5X280P	12.5			
HEX12.7X280	HEX12.7X280P	12.7			
HEX13.0X280	HEX13.0X280P	13.0			
HEX13.5X280	HEX13.5X280P	13.5			
HEX14.0X280	HEX14.0X280P	14.0			
HEX14.3X280	HEX14.3X280P	14.3			
HEX14.5X280	HEX14.5X280P	14.5			
HEX15.0X280	HEX15.0X280P	15.0			
HEX16.0X280	HEX16.0X280P	16.0			
HEX16.5X280	HEX16.5X280P	16.5	280	162	6
HEX17.0X280	HEX17.0X280P	17.0			
HEX17.5X280	HEX17.5X280P	17.5			
HEX18.0X280	HEX18.0X280P	18.0			
HEX19.0X280	HEX19.0X280P	19.0			
HEX20.0X280	HEX20.0X280P	20.0			
HEX21.5X280	HEX21.5X280P	21.5			
HEX22.0X280	HEX22.0X280P	22.0			
HEX22.5X280		22.5	280	162	3
HEX23.0X280		23.0			
HEX24.0X280		24.0			
HEX25.0X280		25.0			
HEX25.5X280		25.5			
HEX26.0X280		26.0			
HEX26.5X280		26.5			
HEX28.0X280		28.0			
HEX28.5X280		28.5			
HEX29.0X280		29.0			
HEX30.0X280		30.0			
HEX32.0X280		32.0			
HEX35.0X280		35.0	280	162	2
HEX38.0X280		38.0			
HEX40.0X280		40.0			

HEX Type Long

Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box
HEX_10.5X505	10.5	505	387	1
HEX_12.0X505	12.0			
HEX_12.5X505	*12.5			
HEX_12.7X505	12.7			
HEX_14.3X505	14.3			
HEX_14.5X505	14.5			
HEX_15.0X505	15.0			
HEX_16.0X505	16.0			
HEX_16.5X505	*16.5			
HEX_17.0X505	17.0			
HEX_17.5X505	17.5			
HEX_18.0X505	18.0			
HEX_19.0X505	19.0			
HEX_20.0X505	20.0			
HEX_21.5X505	21.5			
HEX_22.0X505	22.0			
HEX_24.0X505	24.0	505	387	1
HEX_25.0X505	25.0			
HEX_25.5X505	25.5			
HEX_26.0X505	26.0			
HEX_28.0X505	28.0			
HEX_28.5X505	28.5			
HEX_29.0X505	29.0			
HEX_30.0X505	30.0			
HEX_32.0X505	32.0			
HEX_34.0X505	34.0			
HEX_35.0X505	35.0			
HEX_38.0X505	38.0			
HEX_40.0X505	40.0			

Items marked * are special size. Please confirm stock before ordering.

HEX Type Super Long

Code	Overall Length (mm)	Effective Length (mm)
HEXL14.3X600	600	460
HEXL14.5X600		
HEXL16.0X600		
HEXL17.0X600		
HEXL17.5X600		
HEXL18.0X600		
HEXL19.0X600		
HEXL21.5X600		
HEXL22.0X600		
HEXL25.0X600		

Code	Overall Length (mm)	Effective Length (mm)
HEXL14.3X800	800	660
HEXL14.5X800		
HEXL16.0X800		
HEXL17.0X800		
HEXL17.5X800		
HEXL18.0X800		
HEXL19.0X800		
HEXL21.5X800		
HEXL22.0X800		
HEXL25.0X800		

Code	Overall Length (mm)	Effective Length (mm)
HEXLL14.3X1000	1,000	860
HEXLL14.5X1000		
HEXLL16.0X1000		
HEXLL17.0X1000		
HEXLL17.5X1000		
HEXLL18.0X1000		
HEXLL19.0X1000		
HEXLL21.5X1000		
HEXLL22.0X1000		
HEXLL25.0X1000		

Matching drill

	Manufacturer	Model No.
Hammer Drill	HITACHI	PR25B
		DH35
		PR-38E
		DH42
		DH40SA
		DH40SR
		DH45SA
	MAKITA	HR3530
		HR3520
		HR3850
		HR3811
		HR4030C
	RYOBI	ED-382NPA
		ED-382NA
		ED-383N

Hexagonal Shank Drill Bit (For Stone)

- Adopts an ultra-hard tip suitable for stone material.
- The drill bit exclusive to hammer drills enables efficient transfer of the hammering impact and the spinning force.

STONE

For RESIN-A (Glass Capsule)

	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Anchor Size	Bolt Size	
Bolt	10.0	280	162	HC-8U	M8,W5/16	
	12.0			HC-10U,SE-10	M10,W3/8	
	14.0			SE-12	M12,W1/2	
	* 15.0			HC-12U	M12,W1/2	
	18.0			SE-16	M16,W5/8	
	19.0			HC-16U	M16,W5/8	
	25.0	330	210	HC-20U,SE-20	M20,W3/4	
	26.0			SE-22	M22,W7/8	
	28.0	380	260	SE-24	M24,W1	
D.bar	12.5	280	162	HC-10U	D10	
	13.0			SE-10	D10	
	16.0			HC-12U,SE-12	D13	
	20.0			HC-16U,SE-16	D16	
	25.0	330	210	HC-20U,SE-20	D19	
	28.0	380	260	SE-22	D22	
	32.0	420	300	SE-24	D25	

For Stone

Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
HEXSB190X280	19.0	280	162	1	
HEXSB220X280	22.0				
HEXSB105X500	10.5	505	387	1	
HEXSB127X500	12.7				
HEXSB145X500	14.5				
HEXSB160X500	16.0				
HEXSB180X500	18.0				
HEXSB190X500	19.0				
HEXSB200X500	20.0				
HEXSB220X500	22.0				
HEXSB145X600	14.5	600	460	1	
HEXSB160X600	16.0				
HEXSB180X600	18.0				
HEXSB190X600	19.0				
HEXSB220X600	22.0				
HEXSB145X800	14.5	800	660	1	
HEXSB160X800	16.0				
HEXSB175X800	17.5				
HEXSB180X800	18.0				
HEXSB190X800	19.0				
HEXSB220X800	22.0				
HEXSB250X800	25.0				

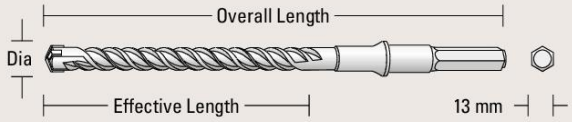
*Products any size outside the standard are also available by special order. Contact us for terms and conditions, etc.

Hexagonal Shank Drill Bit UX

Hammering + Rotation

- Hammer drill exclusive bit efficiently transmits hammering rotation force without loss.
- Anchor insertion is smoothly performed because hole drilling close to a perfect circle is possible.
- Stable drilling ability is maintained by cross blades which seize less even when they contact reinforced steel and the cutting edge and outer diameter wear less.

Applicable Electric Tool Hammer Drill



CONCRETE	STONE
BLOCK / BRICK	MORTAR
SLATE	JAPANESE WALL

HUX Type

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
	HUX10DX280	10.0	280	162	6	
◎	HUX10.5X280	10.5				
	HUX12DX280	12.0				
	HUX12.5X280	12.5				
◎	HUX12.7X280	12.7				
	HUX13DX280	13.0				
	HUX14DX280	14.0				
◎	HUX14.5X280	14.5				
	HUX15DX280	15.0				
△	HUX16DX280	16.0				
◎	HUX16.5X280	16.5				
	HUX17DX280	17.0				
△	HUX18DX320	18.0	320	202	1	
△	HUX19DX320	19.0				
	HUX20DX320	20.0				
	HUX21.5X320	21.5				
	HUX22DX320	22.0				
	HUX22.5X320	22.5				
△	HUX23DX320	23.0				
	HUX24DX320	24.0				
	HUX25DX320	25.0				
	HUX26DX320	26.0				
	HUX27DX320	27.0				
	HUX28DX320	28.0				
	HUX30DX320	30.0				
	HUX32DX320	32.0				
	HUX33DX320	33.0				
	HUX34DX320	34.0				

HUX Type Long

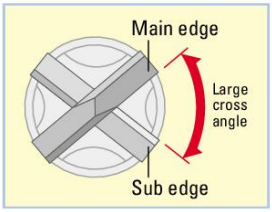
	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
	HUXL16DX420	16.0	420	302	1	
	HUXL18DX420	18.0				
△	HUXL19DX420	19.0				
	HUXL20DX420	20.0				
	HUXL22DX420	22.0				
○	HUXL23DX420	23.0				
○	HUXL24DX420	24.0				
	HUXL25DX420	25.0				
△	HUXL26DX420	26.0				
	HUXL28DX420	28.0				
	HUXL30DX420	30.0				
	HUXL32DX420	32.0				
	HUXL34DX420	34.0				

HUX Type Long

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
	HUXL24DX505	24.0	505	387	1	
△	HUXL25DX505	25.0				
	HUXL26DX505	26.0				
△	HUXL28DX505	28.0				
	HUXL30DX505	30.0				
△	HUXL32DX505	32.0				
	HUXL33DX505	33.0				
	HUXL34DX505	34.0				
	HUXL35DX505	35.0				

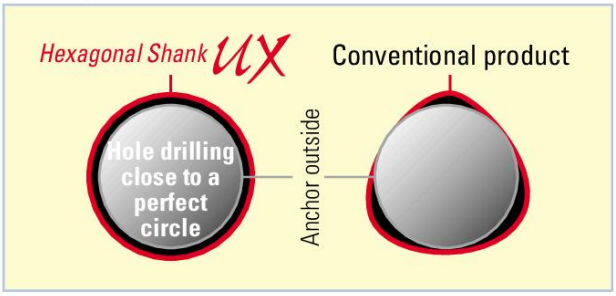
Cross blade

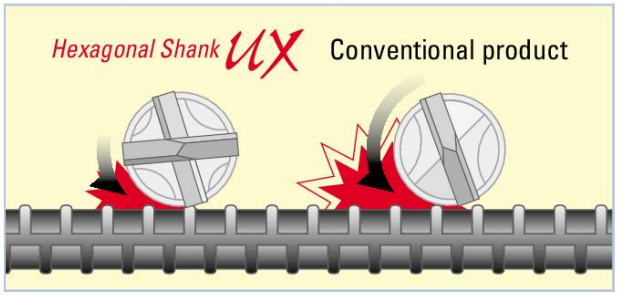
The cross blade which has been developed consists of a main edge and an auxiliary edge, and has a larger cross angle and improved reinforced steel resistance performance. (Dia: over 16mm)



Hole drilling close to perfect circles realized.

Realizes performance hole drilling close to a perfect circle and anchor insertion is also smooth by adoption of the cross blade for cutting edge. In addition, vibration loads during work are reduced.



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).