

SERIES CATALOGUE

unika

CONCRETE DRILL



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.

CONCRETE DRILLS

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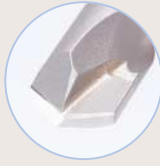
CONCRETE DRILL BITS USAGE CHART

		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	⊙	⊙	⊙	○	○	○	○	○	△	○	△							
	Cordless Driver Drill Bit RJ Type	△	○	⊙	○	⊙	⊙	⊙	⊙	○	⊙	△	○	○	⊙	○	○		
	Cordless Percussion Drill Bit BJ Type	⊙	⊙	⊙	○	○	○	○	○	△	○	△							
	Cordless Driver Drill Bit TJ Type (For Ceramic Tile)		○	○	⊙	⊙	○	⊙	⊙	○	⊙		⊙	⊙	○	○	○		
	Cordless Diamond Core Bit DJW 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	⊙	○	○	○							○							

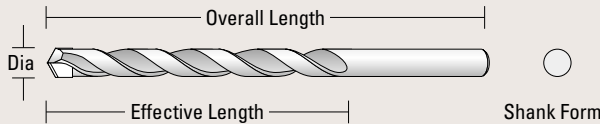
Concrete Drill Bit **B Type**



- 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.



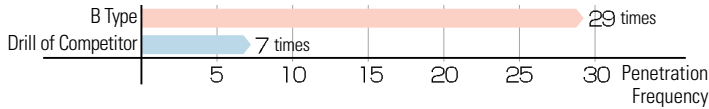
● Appropriate rotation speed of electric drill used

Diameter (mm)	800 or less	800~1,200	1,000~1,500	1,500~2,000	2,000~2,500
21.0 or more					
11.5~20.0					
7.2~11.0					
5.4~7.0					
2.5~5.0					
	500	1,000	1,500	2,000	2,500

Rotation Speed (rpm)

● Penetration test data

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



● Chuck size

Bit Diameter	2.5 ~ 11.0 mm	Shank size correspond to cutting edge diameters	10 mm chuck
	11.5 ~ 22.0 mm	10 mm flattened shank	10 mm chuck
	23.0 ~ 40.0 mm	13 mm flattened shank	13 mm chuck

B Type Long (Straight)

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box
○	BL43X115	4.3	115	70	10
	BL38X120	*3.8	120	70	10
	BL32X150	*3.2	150	90	10
○	BL34X150	3.4			
○	BL35X150	3.5			
	BL40X150	4.0			
○	BL43X150	4.3			
	BL45X150	4.5			
	BL48X150	4.8			
	BL50X150	5.0			
	BL53X150	5.3			
	BL55X150	5.5			
	BL60X150	6.0			
	BL64X150	6.4			
	BL48X200	4.8	200	120	6
	BL50X200	5.0			
	BL55X200	5.5			
	BL60X200	6.0			
	BL64X200	6.4			
	BL65X200	6.5			
	BL70X200	7.0			
	BL80X330	8.0	330	200	6
	BL85X330	8.5			
	BL90X330	9.0			
	BL95X330	9.5			
	BL100X330	10.0			
	BL105X330	10.5			
	BL110X330	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
△	BL120X330	12.0	330	200	6
△	BL125X330	12.5			
	BL127X330	12.7			
	BL130X330	13.0			
	BL140X330	14.0			
	BL143X330	14.3			
△	BL145X330	14.5			
	BL150X330	15.0			
	BL160X330	16.0	330	200	1
	BL170X330	17.0			
	BL175X330	17.5			
	BL180X330	18.0			
	BL190X330	19.0			
	BL200X330	20.0			
	BL210X330	21.0			
	BL220X330	22.0			
	BL230X330	23.0			
	BL240X330	24.0			
	BL250X330	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
DP5A	3.5	4.8	5.0	6.0	6.4	5	6
DP5B	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
DP3A	3.5	4.8	6.4	3	6
DP3B	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

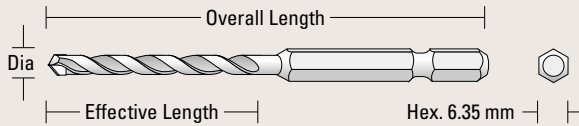


- The integral configuration from shank to cutting edge enables reliable drilling.
- Can be used in either rotating or impact modes.
- Easily attached to various types of rechargeable drill.



*No use by percussion drill.

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



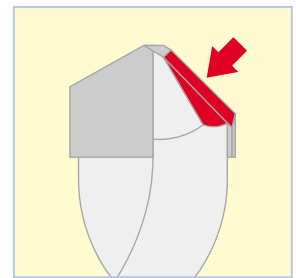
BLOCK / BRICK	MORTAR	JAPANESE WALL	ALC
CERAMIC TILE	PORCELAIN TILE	CONCRETE	SLATE
ROOF TILE	PLASTIC	PVC	EXTERIOR PANELS

RJ Type						Blister pack
	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
△	RJ25X90	2.5	90	37	10	
	RJ28X90	2.8				
○	RJ30X90	3.0	90	45	10	
○	RJ32X90	3.2				
○	RJ34X90	3.4				
○	RJ35X90	3.5				
	RJ38X95	3.8	95	50	10	
○	RJ40X95	4.0				
○	RJ43X95	4.3				
○	RJ45X95	4.5				
△	RJ48X95	4.8				
○	RJ50X95	5.0				
	RJ53X100	5.3	100	55	10	
	RJ55X100	5.5				
○	RJ60X100	6.0				
○	RJ64X100	6.4				
	RJ65X100	6.5				
	RJ70X115	7.0	115	65	10	
	RJ72X115	7.2				
	RJ75X115	7.5				
	RJ80X115	8.0				
	RJ85X115	8.5				
	RJ90X115	9.0				
	RJ95X135	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	
○	RJL34X150	3.4	150	100	10	
○	RJL35X150	3.5				
	RJL40X150	4.0				
○	RJL43X150	4.3				
△	RJL45X150	4.5				
	RJL48X150	4.8				
△	RJL50X150	5.0				
	RJL53X150	5.3	150	100	10	
	RJL55X150	5.5				
△	RJL60X150	6.0				
△	RJL64X150	6.4				
	RJL65X150	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

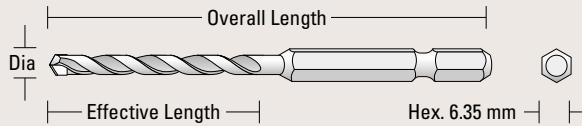
BJ Type



- 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

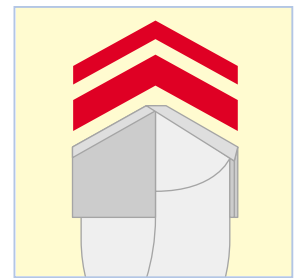
BJ Type						Blister pack
	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
○	BJ30X90	3.0	90	45	10	
△	BJ32X90	3.2				
◎	BJ34X90	3.4				
◎	BJ35X90	3.5				
	BJ38X95	3.8	95	50	10	
	BJ40X95	4.0				
○	BJ4.3X95	4.3				
△	BJ4.5X95	4.5				
	BJ4.8X95	4.8				
△	BJ5.0X95	5.0				
	BJ5.3X100	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.

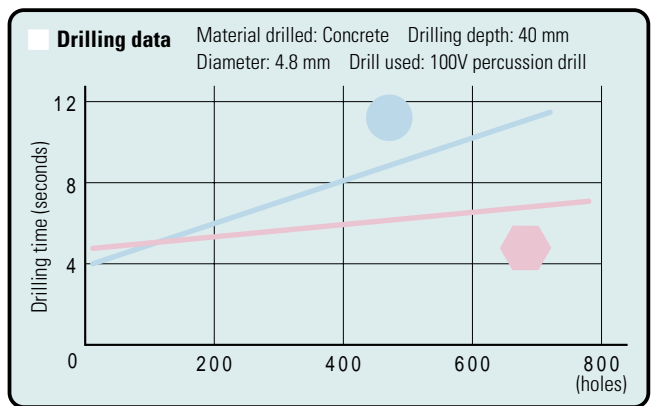
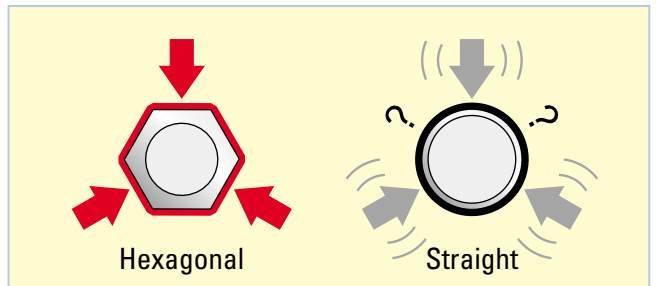
[Caution]

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.



Cordless Driver Drill Bit (For Ceramic Tile)

TJ Type

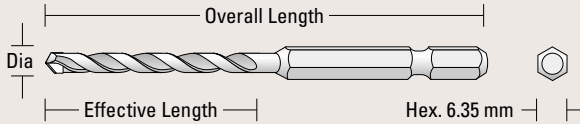


- Cutting edge configuration dedicated to impact driver realizes abrasion resistance to tiles and durability.
- Integral configuration eliminates deflection and chatter of cutting edge, allowing for correct drilling.
- Can be used in either rotating or impact modes.
- Easily attached to various types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

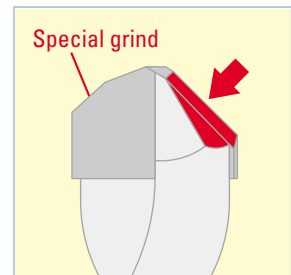


One-touch attachable to the impact driver

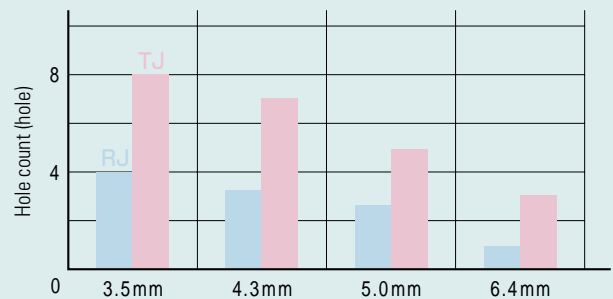
Asymmetric cutting edge shape

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.

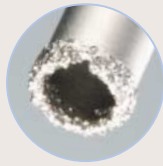
Cordless Diamond Core Bit (For Ceramic Tile)

DJW Type

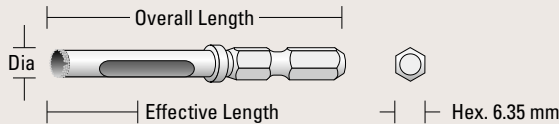
Semi-dry



- 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
DJW50X60S	5.0	60	15	5
DJW60X60S	6.0			
DJW64X60S	6.4			
DJW70X60S	7.0			
DJW80X60S	8.0			
DJW100X60S	10.0			
DJW120X60S	12.0			
DJW150X60S	15.0			
DJW200X76S	20.0	76	15	3
DJW250X76S	25.0			
DJW300X76S	30.0			
DJW320X76S	32.0			
DJW350X76S	35.0			

Positioning Guide

Code	Matching hole Diameter (mm)
DJW-PGDV	5~35

- *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.

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.

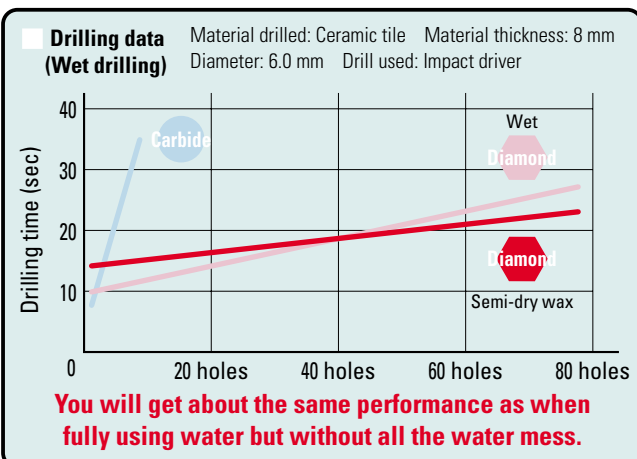
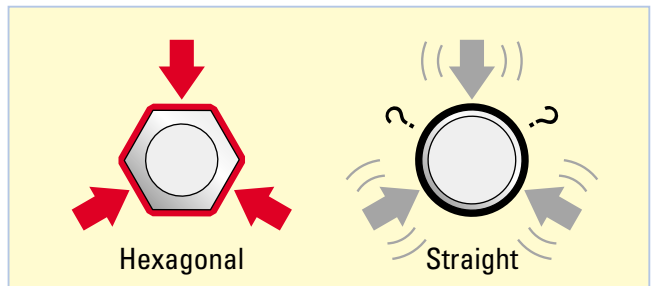


Notes on the use of semi-dry wax

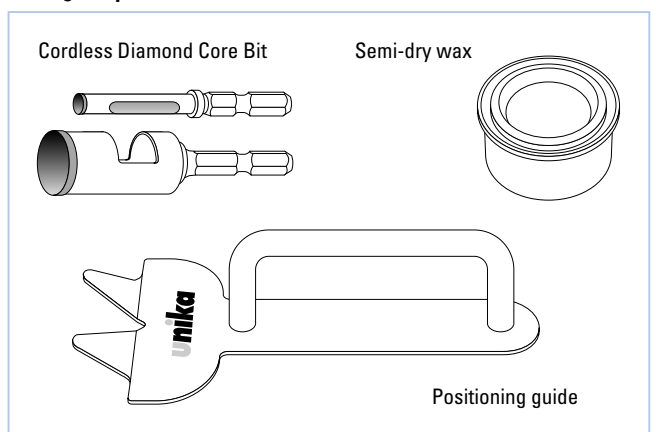
During use and immediately after use, the core drill and cutting waste becomes very hot so take care of that to not touch it with bare hands. In addition, after drilling porcelain shavings and used wax may be scattered around the work area, therefore prepare the surrounding area for it.

Hexagonal shank

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



Drilling components



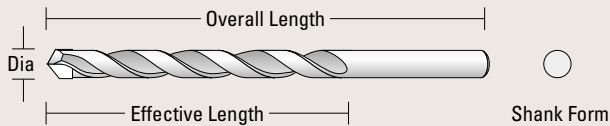
Ceramic Tile Drill Bit **TR** Type



- 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

3.0~11.0	Use the drill at 1,000 rpm or less.				
500	1,000	1,500	2,000	2,500	Rotation Speed (rpm)

● 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

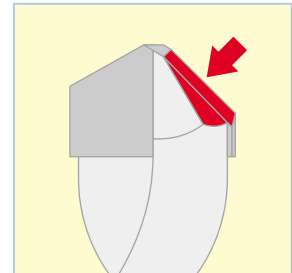
Water not used	Dia	8~10 times			
Water used	6.4mm		10~15 times		
Water not used	Dia	8~10 times			
Water used	4.8mm		10~15 times		
		5	10	15	Hole Drilling Count

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

TR Type						Blister pack
	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
○	TR30X85	3.0	85	50	10	
△	TR32X85	3.2				
◎	TR34X85	3.4				
◎	TR35X85	3.5				
△	TR38X85	3.8				
○	TR40X85	4.0				
◎	TR43X85	4.3				
◎	TR45X85	4.5				
○	TR48X85	4.8				
◎	TR50X85	5.0				
	TR53X100	5.3	100	65	10	
△	TR55X100	5.5				
◎	TR60X100	6.0				
○	TR64X100	6.4				
	TR65X100	6.5				
	TR70X125	7.0	125	75	10	
	TR72X125	7.2				
	TR75X125	7.5				
○	TR80X125	8.0				
△	TR85X125	8.5				
	TR90X150	9.0	150	90	10	
	TR95X150	9.5				
	TR100X150	10.0				
	TR105X150	10.5				
	TR110X150	11.0				

● Asymmetric cutting edge shape

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

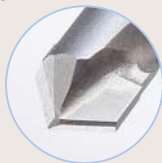


*Products any size outside the standard are also available by special order. Contact us for terms and conditions, etc.

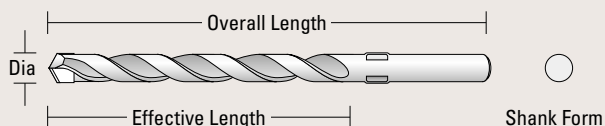
Stone Drill Bit **SB Type**



- 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

6.0~ 6.4					1,500~2,000
4.8~ 5.0					2,000~2,500
	500	1,000	1,500	2,000	2,500

Rotation Speed (rpm)

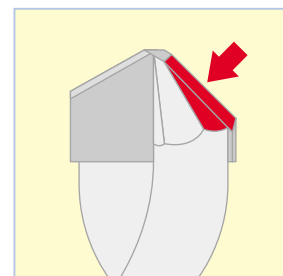
● Chuck size

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.

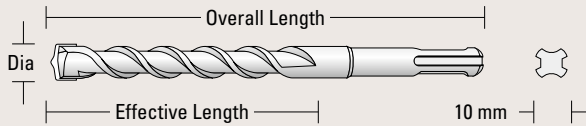
SDS Tip Top Bit **TT** Type



- 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
	TT32X1 10BP	3.2	110	45	10
⊙	TT34X1 10BP	3.4			
⊙	TT35X1 10BP	3.5			
	TT38X1 10BP	3.8			
△	TT40X1 10BP	4.0			
⊙	TT43X1 10BP	4.3			
○	TT45X1 10BP	4.5			
○	TT48X1 10BP	4.8			
⊙	TT50X1 10BP	5.0			
	TT53X1 10BP	5.3			
	TT54X1 10BP	5.4			
△	TT55X1 10BP	5.5			
○	TT60X1 10BP	6.0			
△	TT64X1 10BP	6.4			

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box
⊙	TT34X1 60BP	3.4	160	100	10
△	TT35X1 60BP	3.5			
⊙	TT43X1 60BP	4.3			
○	TT45X1 60BP	4.5			
	TT48X1 60BP	4.8			
○	TT50X1 60BP	5.0			
△	TT53X1 60BP	5.3			
	TT54X1 60BP	5.4			
△	TT55X1 60BP	5.5			
○	TT60X1 60BP	6.0			
○	TT64X1 60BP	6.4			
△	TT65X1 60BP	6.5			
△	TT70X1 60BP	7.0			
	TT72X1 60BP	7.2			
	TT75X1 60BP	7.5			
○	TT80X1 60BP	8.0			
⊙	TT85X1 60BP	8.5	160	100	10
	TT90X1 60BP	9.0			
	TT95X1 60BP	9.5			
○	TT100X 160BP	10.0			
⊙	TT105X 160BP	10.5			
	TT110X 160BP	11.0			
	TT115X 160BP	11.5			
△	TT120X 160BP	12.0			
⊙	TT125X 160BP	12.5			
○	TT127X 160BP	12.7			
	TT130X 160BP	13.0			
	TT135X 160BP	13.5			
	TT140X 160BP	14.0			
	TT143X 160BP	14.3			
⊙	TT145X 160BP	14.5			
	TT150X 160BP	15.0	160	100	6
	TT160X 160BP	16.0			
△	TT165X 160BP	16.5			
	TT170X 160BP	17.0			
	TT175X 160BP	17.5			
○	TT180X 160BP	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]

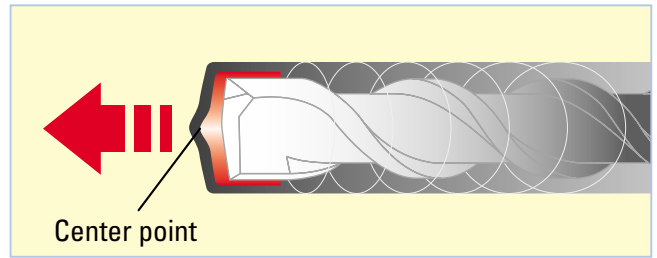
(Overall Length: 110mm Type)
3.5/4.3/4.8/5.0mm×each 1

(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
	TTL80X210	8.0	210	150	1
△	TTL85X210	8.5			
	TTL90X210	9.0			
	TTL95X210	9.5			
	TTL100X210	10.0			
	TTL105X210	10.5			
	TTL120X210	*12.0			
	TTL125X210	12.5			
	TTL127X210	12.7			
	TTL140X210	14.0			
	TTL145X210	14.5			
	TTL150X210	15.0			
	TTL160X210	16.0			
	TTL170X210	*17.0			
	TTL180X210	18.0			
○	TTL190X210	19.0			
△	TTL200X210	20.0			

TT Type Long					
	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box
△	TTL10.0X260	10.0	260	200	1
○	TTL10.5X260	10.5			
	TTL11.0X260	11.0			
	TTL12.0X260	12.0			
○	TTL12.5X260	12.5			
△	TTL12.7X260	12.7			
	TTL13.0X260	13.0			
	TTL13.5X260	13.5			
	TTL14.0X260	14.0			
	TTL14.3X260	14.3			
○	TTL14.5X260	14.5			
	TTL15.0X260	15.0			
	TTL16.0X260	16.0			
	TTL16.5X260	16.5			
	TTL17.0X260	17.0			
	TTL17.5X260	17.5			
△	TTL18.0X260	18.0			
	TTL19.0X260	19.0			
	TTL20.0X260	20.0			
	TTL21.5X260	21.5			
○	TTL22.0X260	22.0			
	TTL22.5X260	22.5			
	TTL23.0X260	23.0			
△	TTL24.0X260	24.0			
△	TTL25.0X260	25.0			
	TTL26.0X260	*26.0			

TT Type Long					
	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box
	TTL10.0X350	10.0	350	290	1
	TTL10.5X350	10.5			
	TTL11.0X350	*11.0			
	TTL12.0X350	12.0			
	TTL12.5X350	12.5			
	TTL12.7X350	12.7			
	TTL13.0X350	13.0			
	TTL13.5X350	13.5			
	TTL14.0X350	14.0			
	TTL14.3X350	*14.3			
	TTL14.5X350	14.5			
	TTL15.0X350	15.0			
	TTL16.0X350	16.0			
	TTL16.5X350	16.5			
	TTL17.0X350	17.0			
	TTL17.5X350	17.5			
	TTL18.0X350	18.0			
	TTL19.0X350	19.0			
	TTL20.0X350	20.0			
	TTL22.0X350	22.0			
	TTL23.0X350	*23.0			
	TTL24.0X350	24.0			
	TTL25.0X350	25.0			
	TTL26.0X350	*26.0			

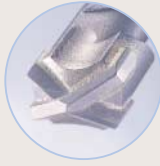
TT Type Long					
	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box
	TTL10.0X450	10.0	450	390	1
○	TTL10.5X450	10.5			
	TTL12.0X450	12.0			
○	TTL12.5X450	12.5			
	TTL12.7X450	12.7			
	TTL13.5X450	*13.5			
	TTL14.3X450	14.3			
△	TTL14.5X450	14.5			
	TTL15.0X450	15.0			
	TTL16.0X450	16.0			
	TTL16.5X450	16.5			
	TTL17.0X450	17.0			
	TTL17.5X450	*17.5			
	TTL18.0X450	18.0			
	TTL19.0X450	19.0			
	TTL20.0X450	20.0			
	TTL22.0X450	22.0			
	TTL23.0X450	23.0			
	TTL24.0X450	24.0			
	TTL25.0X450	25.0			
	TTL26.0X450	26.0			

TT Type Super Long					
	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box
	TTLL10.0X1000	10.0	1,000	200	1
	TTLL12.0X1000	12.0			
○	TTLL12.5X1000	12.5			
	TTLL14.5X1000	14.5			
	TTLL16.5X1000	16.5			

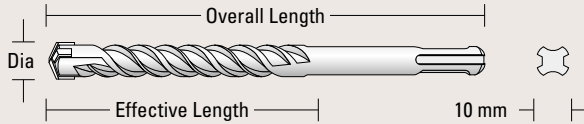
SDS-plus UX



- 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

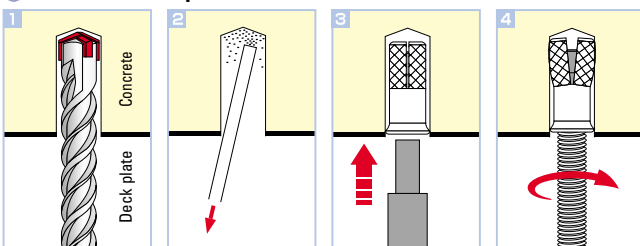
STONE

UX Type						Blister pack
	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
△	UX6.0X160	6.0	160	100	10	
△	UX6.4X160	6.4				
	UX6.5X160	6.5				
	UX7.0X160	7.0				
	UX7.2X160	7.2				
	UX7.5X160	7.5				
△	UX8.0X160	8.0	160	100	10	
◎	UX8.5X160	8.5				
	UX9.0X160	9.0				
	UX9.5X160	9.5				
○	UX10.0X160	10.0				
◎	UX10.5X160	10.5				
	UX11.0X160	11.0				
○	UX12.0X160	12.0				
◎	UX12.5X160	12.5				
◎	UX12.7X160	12.7				
	UX13.0X160	13.0				
	UX13.5X160	13.5				
	UX14.0X160	14.0				
	UX14.3X160	14.3				
◎	UX14.5X160	14.5				
	UX15.0X160	15.0	160	100	6	
△	UX16.0X160	16.0				
○	UX16.5X160	16.5				
	UX17.0X160	17.0				
	UX17.5X160	17.5				
○	UX18.0X160	18.0				

UX Type Long						
	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box	
	UXL8.0X210	8.0	210	150	1	
	UXL8.5X210	8.5				
	UXL9.0X210	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.

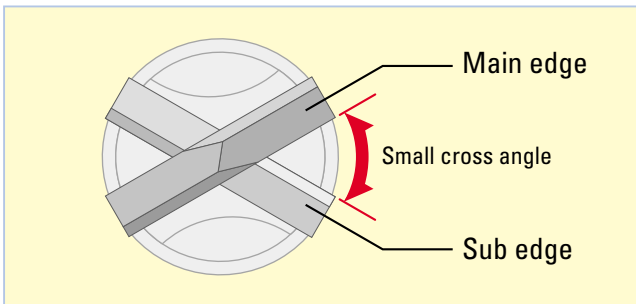
2 Remove shavings with a dust collector or blower.

3 Strike a cone with a striking rod to set the anchor.

4 Screw a full thread bolt, etc. This completes installation.

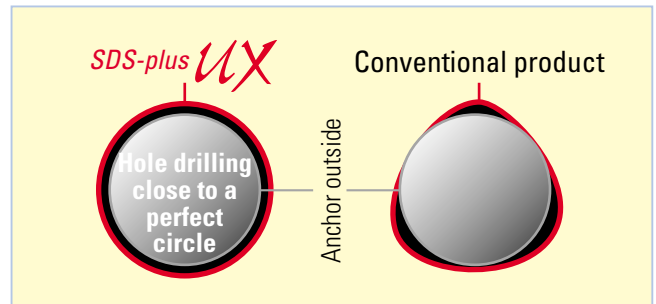
● Cross blade penetrates through deck plate

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 Spuer Long

Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box
UXLL10.0X1000	10.0	1,000	200	1
UXLL12.0X1000	12.0			
UXLL12.5X1000	12.5			

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			

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	

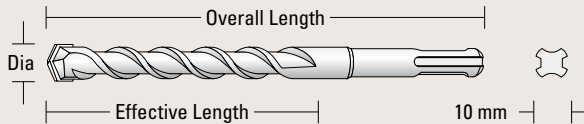
SDS-plus Bit **SDS** Type



- 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		Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs/Box
	Non-pack	Blister Pack				
○	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		Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs/Box
	Non-pack	Blister Pack				
◎	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			

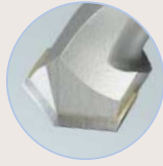
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*Products any size outside the standard are also available by special order. Contact us for terms and conditions, etc.

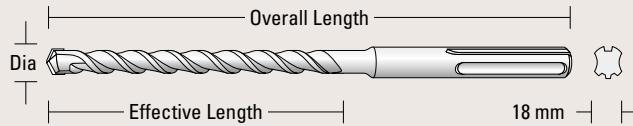
SDS-max Bit **SDSMAX** Type



- 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
△	SDSMAX100X305	10.0	305	165	1
◎	SDSMAX105X305	10.5			
	SDSMAX110X305	11.0			
△	SDSMAX120X305	12.0			
○	SDSMAX125X305	12.5			
○	SDSMAX127X305	12.7			
	SDSMAX130X305	13.0			
	SDSMAX135X305	13.5			
	SDSMAX140X305	14.0			
	SDSMAX143X305	14.3			
◎	SDSMAX145X305	14.5			
	SDSMAX150X305	15.0			
○	SDSMAX160X305	16.0			
	SDSMAX165X305	16.5			
△	SDSMAX170X305	17.0			
	SDSMAX175X305	17.5			
◎	SDSMAX180X305	18.0			
○	SDSMAX190X305	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

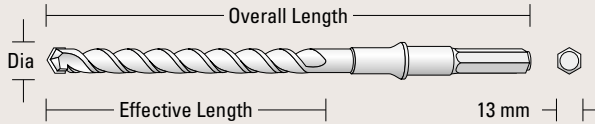


- The drill bit exclusive to hammer drills enables efficient transfer of the hammering impact and the spinning force.
- The integral design from chuck section to cutting edge offers outstanding performance in piercing and deep drilling work.
- The range also includes bits for drilling holes for anchors, 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		Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs/Box
	Non-pack	Blister Pack				
	HEX 10.0x2.80	HEX100X280BP	10.0	280	162	6
○	HEX 10.5x2.80	HEX105X280BP	10.5			
	HEX 11.0x2.80	HEX110X280BP	11.0			
△	HEX 12.0x2.80	HEX120X280BP	12.0			
○	HEX 12.5x2.80	HEX125X280BP	12.5			
○	HEX 12.7x2.80	HEX127X280BP	12.7			
	HEX 13.0x2.80	HEX130X280BP	13.0			
	HEX 13.5x2.80	HEX135X280BP	13.5			
	HEX 14.0x2.80	HEX140X280BP	14.0			
	HEX 14.3x2.80	HEX143X280BP	14.3			
○	HEX 14.5x2.80	HEX145X280BP	14.5			
	HEX 15.0x2.80	HEX150X280BP	15.0			
○	HEX 16.0x2.80	HEX160X280BP	16.0			
	HEX 16.5x2.80	HEX165X280BP	16.5	280	162	6
○	HEX 17.0x2.80	HEX170X280BP	17.0			
	HEX 17.5x2.80	HEX175X280BP	17.5			
○	HEX 18.0x2.80	HEX180X280BP	18.0			
○	HEX 19.0x2.80	HEX190X280BP	19.0			
	HEX 20.0x2.80	HEX200X280BP	20.0			
△	HEX 21.5x2.80	HEX215X280BP	21.5			
○	HEX 22.0x2.80	HEX220X280BP	22.0			
	HEX 22.5x2.80		22.5	280	162	3
	HEX 23.0x2.80		23.0			
△	HEX 24.0x2.80		24.0			
	HEX 25.0x2.80		25.0			
	HEX 25.5x2.80		25.5			
	HEX 26.0x2.80		26.0			
	HEX 26.5x2.80		26.5			
○	HEX 28.0x2.80		28.0			
	HEX 28.5x2.80		28.5			
	HEX 29.0x2.80		29.0			
	HEX 30.0x2.80		30.0			
△	HEX 32.0x2.80		32.0			
	HEX 35.0x2.80		35.0	280	162	2
	HEX 38.0x2.80		38.0			
	HEX 40.0x2.80		40.0			

HEX Type Long

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs/Box
	HEXL10.5x505	10.5	505	387	1
	HEXL12.0x505	12.0			
	HEXL12.5x505	* 12.5			
△	HEXL12.7x505	12.7			
	HEXL14.3x505	14.3			
○	HEXL14.5x505	14.5			
	HEXL15.0x505	15.0			
△	HEXL16.0x505	16.0			
	HEXL16.5x505	* 16.5			
	HEXL17.0x505	17.0			
	HEXL17.5x505	17.5			
○	HEXL18.0x505	18.0			
○	HEXL19.0x505	19.0			
○	HEXL20.0x505	20.0			
	HEXL21.5x505	21.5			
△	HEXL22.0x505	22.0			
△	HEXL24.0x505	24.0	505	387	1
	HEXL25.0x505	25.0			
	HEXL25.5x505	25.5			
	HEXL26.0x505	26.0			
	HEXL28.0x505	28.0			
○	HEXL28.5x505	28.5			
	HEXL29.0x505	29.0			
	HEXL30.0x505	30.0			
	HEXL32.0x505	32.0			
	HEXL34.0x505	34.0			
	HEXL35.0x505	35.0			
	HEXL38.0x505	38.0			
	HEXL40.0x505	40.0			

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

HEX Type Super Long

Code	Overall Length (mm)	Effective Length (mm)	Code	Overall Length (mm)	Effective Length (mm)	Code	Overall Length (mm)	Effective Length (mm)
HEXLL 14.3x600	600	460	HEXLL 14.3x800	800	660	HEXLL 143x1000	1,000	860
HEXLL 14.5x600			HEXLL 14.5x800			HEXLL 145x1000		
HEXLL 16.0x600			HEXLL 16.0x800			HEXLL 160x1000		
HEXLL 17.0x600			HEXLL 17.0x800			HEXLL 170x1000		
HEXLL 17.5x600			HEXLL 17.5x800			HEXLL 175x1000		
HEXLL 18.0x600			HEXLL 18.0x800			HEXLL 180x1000		
HEXLL 19.0x600			HEXLL 19.0x800			HEXLL 190x1000		
HEXLL 21.5x600			HEXLL 21.5x800			HEXLL 215x1000		
HEXLL 22.0x600			HEXLL 22.0x800			HEXLL 220x1000		
HEXLL 25.0x600			HEXLL 25.0x800			HEXLL 250x1000		



● Matching drill

	Manufacturer	Model No.
Hammer Drill	HITACHI	PR25B
		DH35
		PR-38E
		DH42
		DH40SA
		DH40SR
	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
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			
HEXSB105X505	10.5	505	387	1
HEXSB127X505	12.7			
HEXSB145X505	14.5			
HEXSB160X505	16.0			
HEXSB180X505	18.0			
HEXSB190X505	19.0			
HEXSB200X505	20.0			
HEXSB220X505	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			

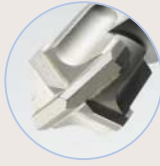
*Products any size outside the standard are also available by special order. Contact us for terms and conditions, etc.

Hexagonal Shank Drill Bit



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
	HUX10.0X280	10.0	280	162	6
⊙	HUX10.5X280	10.5			
	HUX12.0X280	12.0			
	HUX12.5X280	12.5			
⊙	HUX12.7X280	12.7			
	HUX13.0X280	13.0			
	HUX14.0X280	14.0			
⊙	HUX14.5X280	14.5			
	HUX15.0X280	15.0			
△	HUX16.0X280	16.0			
⊙	HUX16.5X280	16.5			
	HUX17.0X280	17.0			
△	HUX18.0X320	18.0	320	202	1
△	HUX19.0X320	19.0			
	HUX20.0X320	20.0			
	HUX21.5X320	21.5			
	HUX22.0X320	22.0			
	HUX22.5X320	22.5			
△	HUX23.0X320	23.0			
	HUX24.0X320	24.0			
	HUX25.0X320	25.0			
	HUX26.0X320	26.0			
	HUX27.0X320	27.0			
	HUX28.0X320	28.0			
	HUX30.0X320	30.0			
	HUX32.0X320	32.0			
	HUX33.0X320	33.0			
	HUX34.0X320	34.0			

HUX Type Long

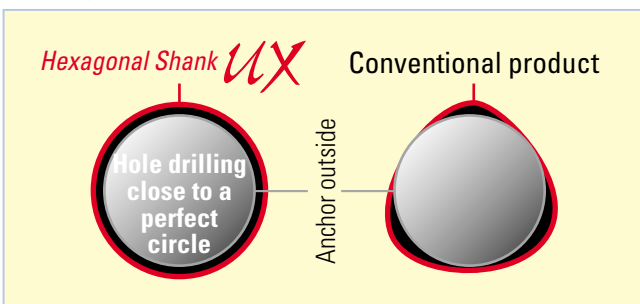
	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box
	HUXL16.0X420	16.0	420	302	1
	HUXL18.0X420	18.0			
△	HUXL19.0X420	19.0			
	HUXL20.0X420	20.0			
	HUXL22.0X420	22.0			
○	HUXL23.0X420	23.0			
○	HUXL24.0X420	24.0			
	HUXL25.0X420	25.0			
△	HUXL26.0X420	26.0			
	HUXL28.0X420	28.0			
	HUXL30.0X420	30.0			
	HUXL32.0X420	32.0			
	HUXL34.0X420	34.0			

HUX Type Long

	Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box
	HUXL24.0X505	24.0	505	387	1
△	HUXL25.0X505	25.0			
	HUXL26.0X505	26.0			
△	HUXL28.0X505	28.0			
	HUXL30.0X505	30.0			
△	HUXL32.0X505	32.0			
	HUXL33.0X505	33.0			
	HUXL34.0X505	34.0			
	HUXL35.0X505	35.0			

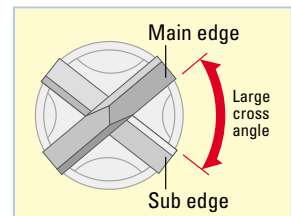
● Hole drilling close to perfect circles realized.

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.



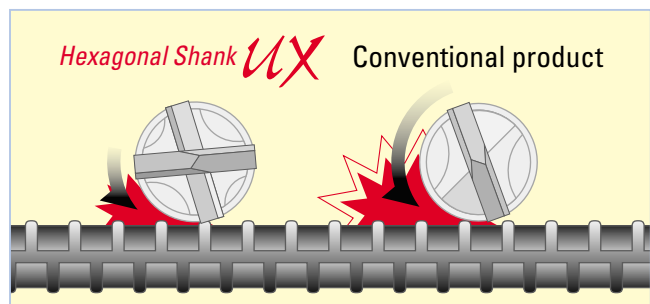
● Cross blade

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)



● 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).



Taper Shank Drill Bit

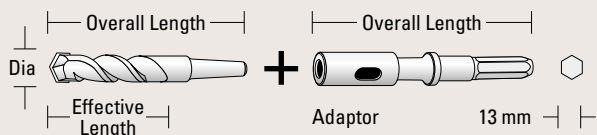
TP Type



- All sizes can be interchanged using a single tapered-shank adaptor.
- Offering economy with productivity : ideal for all kinds of sites requiring drilling.



Applicable Electric Tool Hammer Drill



CONCRETE	STONE
BLOCK / BRICK	MORTAR
SLATE	JAPANESE WALL

TP Type Short

Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box
TP6.4X100	6.4	100	50	10
TP6.5X100	6.5			
TP7.0X100	7.0			
TP7.5X100	7.5			
TP8.0X115	8.0	115	60	10
TP8.5X115	8.5			
TP9.0X115	9.0			
TP9.5X115	9.5			
TP10.0X120	10.0	120	70	10
TP10.5X120	10.5			
TP11.0X120	11.0			
TP12.0X120	12.0			
TP12.5X120	12.5			
TP12.7X120	12.7			
TP13.0X120	13.0			
TP13.5X120	13.5			
TP14.3X120	14.3			
TP14.5X120	14.5			
TP14.7X120	14.7			
TP16.0X130	16.0	130	80	6
TP16.5X130	16.5			
TP17.0X130	17.0			
TP17.5X130	17.5			
TP18.0X130	18.0			
TP19.0X160	19.0	160	110	6
TP21.5X160	21.5			
TP22.0X160	22.0			

TP Type Long

Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box
TPL10.0X280	10.0	280	220	6
TPL10.5X280	10.5			
TPL11.0X280	11.0			
TPL12.0X280	12.0			
TPL12.5X280	12.5			
TPL12.7X280	12.7			
TPL13.0X280	13.0			
TPL13.5X280	13.5			
TPL14.0X280	* 14.0			
TPL14.3X280	14.3			
TPL14.5X280	14.5			
TPL15.0X280	* 15.0	280	220	6
TPL16.0X280	16.0			
TPL17.0X280	17.0			
TPL17.5X280	17.5			
TPL18.0X280	18.0			
TPL19.0X280	* 19.0			
TPL20.0X280	* 20.0			
TPL21.5X280	* 21.5			
TPL22.0X280	* 22.0			

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

TP Type Long (For Stone)

Code	Diameter (mm)	Overall Length (mm)	Effective Length (mm)	Pcs./Box
TPSB10.0X280	10.0	280	220	6
TPSB10.5X280	10.5			
TPSB11.0X280	11.0			
TPSB12.0X280	12.0			
TPSB12.5X280	12.5			

TP Type (Adaptor)

Code	Overall Length (mm)	Shank	Cotter	Pcs./Box
No.1	158	HEX	attached	6
No.1-SDS	120	SDS	—	1

*No. 1 = Morse taper (MT-1)

TP Type (Cotter)

Code	Overall Length (mm)
No.1	158
No.1-SDS	120



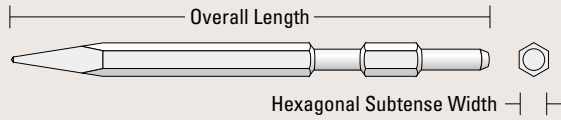
*Used for detaching bits.

Bull Point / Cold Chisel / Cutter / Scoop



- With low wear, these handle extended use with ease.
- Extremely durable cutting tip for powerful chiseling force.

Applicable Electric Tool **Hammer Drill / Hammer**



Bull Point				
Code	Hexagonal Width (mm)	Overall Length (mm)	Pcs./Box	Pcs./Ctn
HTB17X280	17	280	6	60
HTB17X450		450	1	—
HTB17X600		600		
HTB17X700		700		
HTB17X800		800		
HTB17X1000		1000		
HTB21X320	21	320	1	—
HTB21X450		450		
HTB30X410	30	410		
HTB30X310		310		



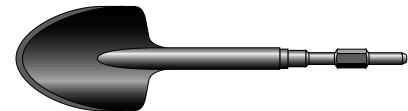
Cold Chisel					
Code	Hexagonal Width (mm)	Tip Width (mm)	Overall Length (mm)	Pcs./Box	Pcs./Ctn
HTC17X280	17	20	280	6	60
HTC17X450			450	1	—
HTC17X600			600		
HTC17X800			800		
HTC17X1000			1000		
HTC21X320	21	25	320	1	—
HTC21X450			450		
HTC30X410	30	32	410		
HTC30X310			310		



Cutter				
Code	Hexagonal Width (mm)	Overall Length (mm)	Tip Width (mm)	Pcs./Box
HTK17X280	17	280	50	1
HTK21X320	21	320	50	
HTK30X410	30	410	75	



Scoop			
Code	Hexagonal Width (mm)	Overall Length (mm)	Pcs./Box
HTS17X400	17	405	1
HTS21X450	21	450	
HTS30X480	30	450	



Matching drill

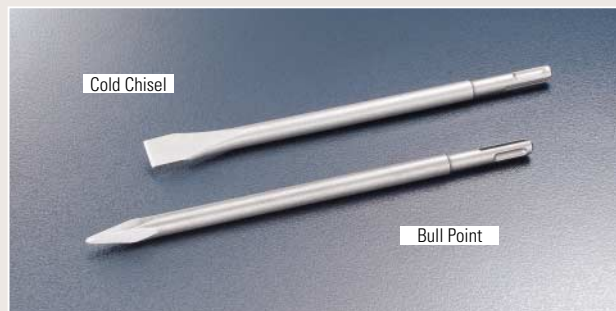
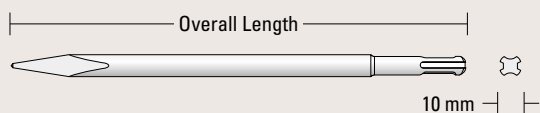
Manufacturer		17mm	21mm	30mm	30mm×310mm
Hammer Drill/Hammer	HITACHI	PR25B · 38E	H50SA	PH65A	H90
		PH40F	H55SB	H65SB2	
		H41SA · 41SA2 · 41SA2 (2)		H70SA	
		H45SR		(H65SA · SB)	
		DH35 · 40SR · 42 · 45SA			
		(DH40SA)			
	MAKITA	HR3530	HM1201	HM1500	(8600N)
		HR3520		8600S	
		HR3850		HM1304	
		HR3811		(HM1303)	
HR4030C					
	HMO810 · 0830				
	(8500N · 8800N · HMO810T)				
RYOBI	ED-382NPA	(CH-485)			
	CH-461				
	CH-465A				
	(CH465 · 425 / ED-382NA)				

Bull Point / Cold Chisel (For SDS-plus)



- With low wear, these handle extended use with ease.
- Extremely durable cutting tip for powerful chiseling force.

Applicable Electric Tool Rotary Hammer Drill (SDS-plus)



Bull Point (for SDS-plus)

Code	SDS-plus Shank (mm)	Overall Length (mm)	Pcs./Box
HTB10X250	10	250	1



Cold Chisel (for SDS-plus)

Code	SDS-plus Shank (mm)	Overall Length (mm)	Pcs./Box
HTC10X250	10	250	1

Tip Width: 20 mm

Tile Chisel (for SDS-plus)

Code	SDS-plus Shank (mm)	Overall Length (mm)	Pcs./Box
HTT10X260	10	260	1

Tip Width: 40 mm

Flat Chisel (for SDS-plus)

Code	SDS-plus Shank (mm)	Overall Length (mm)	Pcs./Box
HTF10X250	10	250	1

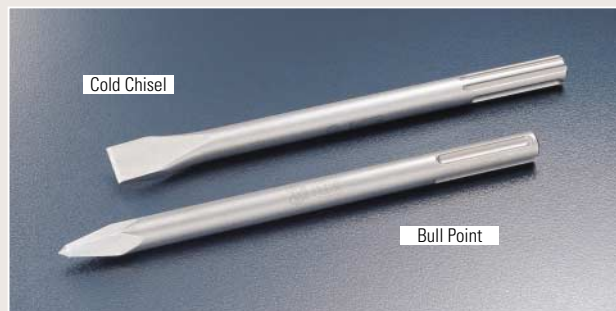
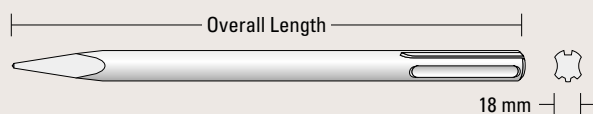
Tip Width: 40 mm

Bull Point / Cold Chisel (For SDS-max)



- With low wear, these handle extended use with ease.
- Extremely durable cutting tip for powerful chiseling force.

Applicable Electric Tool SDS-max Hammer Drill/Hammer



Bull Point (for SDS-max)

Code	SDS-max Shank (mm)	Overall Length (mm)	Pcs./Box
HTB18X280	18	280	1
HTB18X450	18	450	1



Cold Chisel (for SDS-max)

Code	SDS-max Shank (mm)	Overall Length (mm)	Pcs./Box
HTC18X280	18	280	1
HTC18X450	18	450	1



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