

SERIES CATALOGUE

unika



Multi-functional Core Drills

UR21

S E R I E S

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.

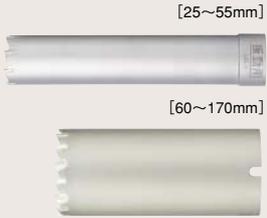
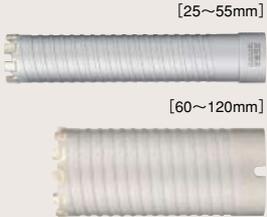
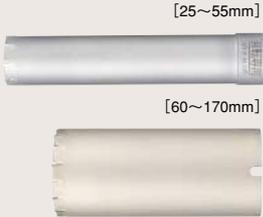
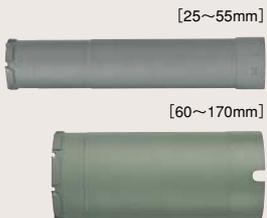


CAUTION

- ❑ 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.

Multi-functional Core Drills **UR21** PAT.

<p>Percussion Core Drill V series</p>  <p>[25~55mm] [60~170mm]</p>	8	<p>Multi Core Drill M series</p>  <p>[25~55mm] [60~170mm]</p>	14
<p>Percussion Core Drill VL series (Long)</p> 	9	<p>Multi Core Drill M series (Short)</p> 	15
<p>Dry Diamond Core Drill D series</p>  <p>[25~55mm] [60~120mm]</p>	10	<p>ALC Core Drill A series</p>  <p>[25~55mm] [60~170mm]</p>	16
<p>Dry Diamond Core Drill DL series (Long)</p> 	11	<p>Clear Case Set</p> 	17
<p>Composite Core Drill F series</p>  <p>[25~55mm] [60~170mm]</p>	12	<p>For ventilating fan KV series KA series KM series KF series</p> 	18
<p>Composite Core Drill FS series (Short)</p>  <p>[25~55mm] [60~170mm]</p>	13	<p>Shank Assembly</p>  <p>[25~55mm] [60~170mm]</p>	20
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UR21 CORE DRILLS USAGE CHART

	CONCRETE	BLOCK / BRICK	MORTAR	ALC	CERAMIC TILES	HARD EXTERIOR PANELS	STONE	WOOD	PLYWOOD	PLASTERBOARD	SOFT EXTERIOR PANELS	PVC	FRP	SHEET METAL	METAL EXTERIOR PANELS	2x4'S INCLUDING NAILS	STAINLESS STEEL	Resin-based ARTIFICIAL MARBLE
Percussion Core Drill V series	◎	◎	○			○				○	○							
ALC Core Drill A series				◎														
Multi Core Drill M series						○		○	○	◎	◎	◎	◎					
Dry Diamond Core Drill D series	◎	○	◎	△	*○	◎	*○				○							◎
Composite Core Drill F series								◎	◎	◎	△	◎	◎	◎	◎	◎	○	

(*) Only available with water.

No tools required! 1-touch detachable!

● Debris removal

1-touch debris removable!

Debris **Residual material**

- 1 Loosen a tightening ring in the flange portion by manually turning it and remove the body.
- 2 Remove debris and residual material.
**If the body is clogged with debris, push it out with a stick-shaped tool.*
- 3 Push the body into the working face of the flange and tighten.
**Align the notch on the body with the detent protrusion of the flange.*

1-touch body attachable!

● Body replacement

Work materials are now diversified and percussion core drills cannot always be used.

(Example)
When drilling a concrete wall immediately after drilling a mortar wall.

Mortar Wall
Drill with a percussion core drill

Concrete Wall
Impossible to drill with a core drill!

- 1 Percussion body replaceable with the dry diamond body by a 1-touch operation.
- 2 Center drill changeable with the center pin by the screw-free 1-touch structure.

Efficiency improved by quick change!

Percussion Body
Dry Diamond Body
Center Drill
Center Pin

Latest Core Drill Features

(Diameter: 60 - 170 mm)

1-touch detachable body

Debris can be easily removed from the front/back of the body.

The rotational force is efficiently transmitted due to the same diameter of the flange and that of the body.

Replacement of only the body allows for handling diversified work materials.

Body (Replacement Blade)

Any type of residual material and debris can be easily removed since removal can be made from the front/back of the body. Only the body needs to be replaced which makes it economical.

Flange of New Material

Weight is reduced by using light and rust-resistant new material (high tensile aluminum alloy). Deterioration in durability is also prevented.

Tight Ring

The body is tightly fixed only by turning the tightening ring. The large contact area allows the rotational force from the motor to be efficiently transmitted to the cutting edge.

Screw-Free Ring

The center drill has a locking-type one-touch detachable structure. There is no need to worry about removal of the center drill since it is securely locked even when the reverse rotation function of the motor is used.

Screw-Free 1-touch Structure

Looseness, falling, and loss of the screw and center drill are eliminated.

Free spinning of the center drill during operation due to screw loosening is eliminated.

Disconnecting of the center drill during operation is eliminated.

5 Body Types
to meet the diversity of
materials to be drilled

UR21 PAT.
S E R I E S

UR21

V

SERIES

Percussion

- These V-series core drill bits have a cutting edge ideally shaped for hard wall materials, offering both accuracy and efficiency. Basic models are available from narrow diameters to large bores.
- Applying impact with rotation to the cutting edge enables rapid drilling by crushing the material being drilled.

*Use the rotation mode for plasterboards and soft siding boards.

BLOCK		BRICK	
MORTAR	PLASTERBOARD	HARD EXTERIOR PANEL	SOFT EXTERIOR PANEL

Applicable Electric Tool Percussion Drill



A

ALC

- Rotating core drills specially designed for hard-to-drill ALC panels. Even large bore drilling is made easy.
- Cuts easily through ALC panels as well as the piano wire used for reinforcement, including double and triple reinforcement.

ALC (autoclaved light weight concrete)	PLASTERBOARD
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Applicable Electric Tool Electric Drill / Percussion Drill (rotating mode)



For rotation use only

M

SERIES

Multi

- Multiple use for drilling in siding walls, plasterboard, FRP, veneer panels, PVC panels, composites, etc.

SOFT EXTERIOR PANEL	PVC	FRP
PLASTERBOARD	WOOD	PLYWOOD

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



For rotation use only

D

SERIES

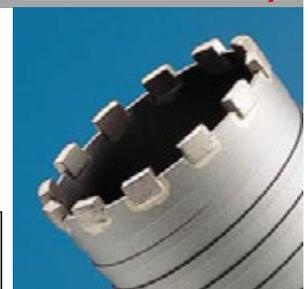
Dry Diamond

- Capable of drilling through reinforced concrete (cutting up to 3/8 inch diameter reinforcement), blocks, mortar etc. without the use of water.
- Center pin type cuts using only rotation force, greatly reducing noise of vibration.

* For porcelain ceramic tile and stone, water should be used.

REINFORCED CONCRETE	HARD EXTERIOR PANEL	Resin-based ARTIFICIAL MARBLE
MORTAR	SOFT EXTERIOR PANEL	BLOCK / BRICK * CERAMIC TILE

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



For rotation use only

F

SERIES

Compound Material

- Employs a unique double blade feature, with the inner-blade preceding the outer-blade, for boring through material such as; metallic siding, stainless steel, wood siding as well as compound material at one go.
- Perfect for use on wooden material applications, as shavings removal is easy and nail cutting is also possible.

STEEL / ALUMINUM	METAL SIDING PANEL	2x4's including nails
WOOD / PLYWOOD	PVC / FRP	PLASTERBOARD STAINLESS STEEL

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



For rotation use only

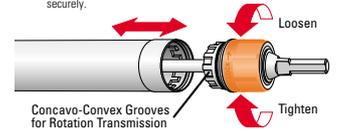
Center Drill Attachment Procedure (URCD)

1. Align the shank protrusions with the fitting grooves of the center drill and insert the drill to the back of the hole.
2. Push in the drill while turning it 60° clockwise.
3. It will lock.



Body Attachment Procedure

1. Fit the "concavo-convex grooves for rotation transmission."
2. Turn the tight ring 90° clockwise to fix the "body" and "shank" securely.



Diameter 25 ~ 55 mm All replacement blades and all sizes (diameter: 25 - 55 mm) are available for one type shank assembly.

Regular

Percussion
V

ALC
A

Multi
M

Dry Diamond
D

Compound Material
F

Short

Compound Material
FS

(Effective length: 60 mm)

Carbide Tipped Center Drill
(Standard Size)

URCD-T250

Center Pin

URCP-230

HSS Center Drill

URCD-H250

HSS Center Drill

URCD-H140

Shank Assembly

ST Type

SDS Type

⚠ Removing debris by extracting the center drill may cause injury to your hands. Make sure to remove the body before removing debris.

⚠ Make sure to wear gloves to prevent and protect fingers and hands when extracting the center drill.

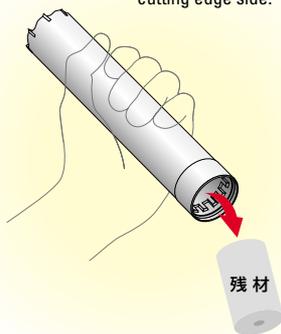
Latest Core Drill Features

(Diameter: 25 - 55 mm)

1-touch detachable body

Debris is easily removed from the front/back of the body

Only with the bodies with a diameter of 40 - 55 mm, debris is removed from the cutting edge side.



Body (Replacement Blade)

Any type of residual material and debris can be easily removed since removal can be made from the front/back of the body. Only the body needs to be replaced which makes it economical.

Body Fitting Grooves

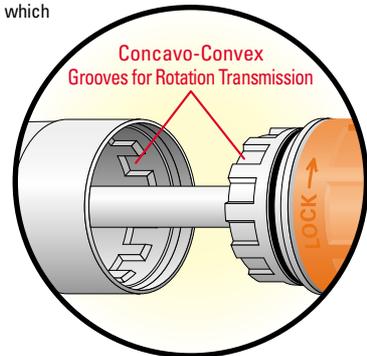
Twelve grooves efficiently transmit the rotational force from the motor to the cutting edge.

Tight Ring

The body is tightly fixed only by turning the tight ring 90°. Weight is reduced by using resin material.

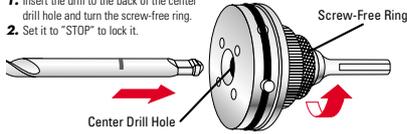
10mm/13mm Chuck Combination Shank

The shank shape (straight shank) allows for most chuck diameters.



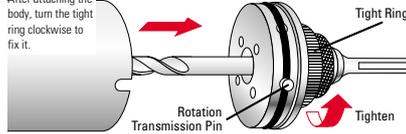
Center Drill Attachment Procedure (2CB)

1. Insert the drill to the back of the center drill hole and turn the screw-free ring.
2. Set it to "STOP" to lock it.



Body Attachment Procedure

After attaching the body, turn the tight ring clockwise to fix it.



UR21

Diameter 60 ~ 170 mm For a diameter of 60 mm or more, a shank assembly of a corresponding size is required for each size.

Regular (Effective length: 130 mm)	Percussion V		Screw-Free Center Drill (Standard Size) 2CB-210	Screw-Free Shank Assembly ST Type SDS Type
	ALC A		Screw-Free Center Pin DBP-No.1	
	Multi M		Screw-Free Center Drill (for Compound Material) 2CB-W200	
	Dry Diamond D		Screw-Free Center Drill (for Percussion: Long) 2CB-260	
	Compound Material F		Screw-Free Center Pin (for Dry Diamond: Long) DBP-No.2L	
Long (Effective length: 200 mm)	Percussion VL		Screw-Free Center Drill (for Multi: Short) 2CB-160	⚠ Removing debris by extracting the center drill may cause injury to your hands. Make sure to remove the body before removing debris. ⚠ Make sure to wear gloves to prevent and protect fingers and hands when extracting the center drill.
	Dry Diamond DL		Screw-Free Center Drill (for Compound: Short) 2CB-150	
Short (Effective length: 60 mm)	Multi MS			
	Compound Material FS			

- UR21 series has a center drill / pin which does not suit some shanks. Please ask for the parts which suit the shank.
- Screw-free center drills may also be used with previous shanks, but note that the old-type center drills cannot be used with screw-free shanks.
- Both old and new-style bodies (and bits) can be used.





- These V-series core drill bits have a cutting edge ideally shaped for hard wall materials, offering both accuracy and efficiency. Basic models are available from narrow diameters to large bores.
- Applying impact with rotation to the cutting edge enables rapid drilling by crushing the material being drilled.

*Use the rotation mode for plasterboards and soft siding boards.

BLOCK		BRICK	
MORTAR	PLASTERBOARD	HARD EXTERIOR PANEL	SOFT EXTERIOR PANEL

Applicable Electric Tool **Percussion Drill**

25 - 55mm



60 - 170mm



UR-V (Set)

Code	Code		Diameter (mm)	Effective Length (mm)	Center Drill (code)
	ST-Shank	SDS-Shank			
UR21-V025ST	UR21-V025SD	25	170	URCD-T250	
UR21-V029ST	UR21-V029SD	29			
UR21-V032ST	UR21-V032SD	32			
UR21-V035ST	UR21-V035SD	35			
UR21-V038ST	UR21-V038SD	38			
UR21-V040ST	UR21-V040SD	40			
UR21-V045ST	UR21-V045SD	45			
UR21-V050ST	UR21-V050SD	50			
UR21-V055ST	UR21-V055SD	55			
UR-V60ST	UR-V60SD	60	130	2CB-210	
UR-V65ST	UR-V65SD	65			
UR-V70ST	UR-V70SD	70			
UR-V75ST	UR-V75SD	75			
UR-V80ST	UR-V80SD	80			
UR-V85ST	UR-V85SD	85			
UR-V90ST	UR-V90SD	90			
UR-V95ST	UR-V95SD	95			
UR-V100ST	UR-V100SD	100			
UR-V105ST	UR-V105SD	105			
UR-V110ST	UR-V110SD	110			
UR-V115ST	UR-V115SD	115			
UR-V120ST	UR-V120SD	120			
UR-V130ST	UR-V130SD	130			
UR-V150ST	UR-V150SD	150			
UR-V155ST	UR-V155SD	155			
UR-V160ST	UR-V160SD	160			
UR-V170ST	UR-V170SD	170			

UR-V (Body)

Code	Diameter (mm)
UR21-V025B	25
UR21-V029B	29
UR21-V032B	32
UR21-V035B	35
UR21-V038B	38
UR21-V040B	40
UR21-V045B	45
UR21-V050B	50
UR21-V055B	55
UR-V60B	60
UR-V65B	65
UR-V70B	70
UR-V75B	75
UR-V80B	80
UR-V85B	85
UR-V90B	90
UR-V95B	95
UR-V100B	100
UR-V105B	105
UR-V110B	110
UR-V115B	115
UR-V120B	120
UR-V130B	130
UR-V150B	150
UR-V155B	155
UR-V160B	160
UR-V170B	170

UR-V (Center Drill)

Code	Diameter (mm)	Overall Length (mm)	Core Drill Size (mm)
URCD-T250	10.0	250	25~55
2CB-210		210	60~170

UR21 (Shank Assembly)

For codes, specifications, and availability look at the **UR21** shank assembly availability list (P. 20).

Diameter 25 ~ 55 mm

All replacement blades and all sizes (diameter: 25 - 55 mm) are available for one type shank assembly.

Percussion Body
UR21-V025B ~ V055B

Center Drill
URCD-T250



SDS-Shank
UR25/55FSD

ST-Shank
UR25/55FST

Diameter 60 ~ 170 mm

For a diameter of 60 mm or more, a shank assembly of a corresponding size is required for each size.

Percussion Body
UR-V60B ~ V170B

Center Drill
2CB-210



SDS-Shank
2CB60FSD ~ 170FSD

ST-Shank
2CB60FST ~ 170FST



- Percussion drill bits having a cutting edge ideally shaped for hard wall materials, etc., offering both accuracy and efficiency. Long type with an effective length of 200 mm.
- Applying impact with rotation to the cutting edge enables rapid drilling by crushing the material being drilled.

*Use the rotation mode for plasterboards and soft siding boards.

BLOCK		BRICK	
MORTAR	PLASTERBOARD	HARD EXTERIOR PANEL	SOFT EXTERIOR PANEL

Applicable Electric Tool Percussion Drill

60-80mm



UR-VL Long (Set)

Code		Diameter (mm)	Effective Length (mm)	Center Drill (code)
ST-Shank	SDS-Shank			
UR-VL60ST	UR-VL60SD	60	200	2CB-260
UR-VL65ST	UR-VL65SD	65		
UR-VL70ST	UR-VL70SD	70		
UR-VL75ST	UR-VL75SD	75		
UR-VL80ST	UR-VL80SD	80		

UR-VL Long (Body)

Core	Diameter (mm)
UR-VL60B	60
UR-VL65B	65
UR-VL70B	70
UR-VL75B	75
UR-VL80B	80

UR-VL Long (Center Drill)

Core	Diameter (mm)	Overall Length (mm)	Core Drill Size (mm)
2CB-260	10.0	260	60~80

UR21 (Shank Assembly)

For codes, specifications, and availability look at the **UR21** shank assembly availability list (P. 20).

Diameter 60~80 mm

For a diameter of 60 mm or more, a shank assembly of a corresponding size is required for each size.

Percussion Long Body
UR-VL60B~VL80B

Center Drill
2CB-260



SDS-Shank
2CB60FSD~80FSD

ST-Shank
2CB60FST~80FST



- Capable of drilling reinforced concrete (cutting up to 3/8 inch diameter reinforcement), blocks, mortar etc. without the use of water.
 - Center pin type cuts by using only rotation force, greatly reducing noise of vibration.
- * For porcelain ceramic tile and stone, water should be used.

REINFORCED CONCRETE | **HARD EXTERIOR PANEL** | Resin-based **ARTIFICIAL MARBLE**
MORTAR | **SOFT EXTERIOR PANEL** | **BLOCK / BRICK** | * **CERAMIC TILE**

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

25 - 55mm



60 - 120mm



UR-D (Set)

	Code		Diameter (mm)	Effective Length (mm)	Center Pin (code)
	ST-Shank	SDS-Shank			
○	UR21-D025ST	UR21-D025SD	25	170	URCP-230
○	UR21-D029ST	UR21-D029SD	29		
○	UR21-D032ST	UR21-D032SD	32		
○	UR21-D035ST	UR21-D035SD	35		
○	UR21-D038ST	UR21-D038SD	38		
○	UR21-D040ST	UR21-D040SD	40		
△	UR21-D045ST	UR21-D045SD	45		
○	UR21-D050ST	UR21-D050SD	50		
○	UR21-D055ST	UR21-D055SD	55		
△	UR-D60ST	UR-D60SD	60	130	DBP-No.1
○	UR-D65ST	UR-D65SD	65		
△	UR-D70ST	UR-D70SD	70		
○	UR-D75ST	UR-D75SD	75		
△	UR-D80ST	UR-D80SD	80		
	UR-D90ST	UR-D90SD	90		
	UR-D95ST	UR-D95SD	95		
	UR-D100ST	UR-D100SD	100		
	UR-D105ST	UR-D105SD	105		
	UR-D110ST	UR-D110SD	110		
	UR-D120ST	UR-D120SD	120		

UR-D (Body)

Code	Diameter (mm)
UR21-D025B	25
UR21-D029B	29
UR21-D032B	32
UR21-D035B	35
UR21-D038B	38
UR21-D040B	40
UR21-D045B	45
UR21-D050B	50
UR21-D055B	55
UR-D60B	60
UR-D65B	65
UR-D70B	70
UR-D75B	75
UR-D80B	80
UR-D90B	90
UR-D95B	95
UR-D100B	100
UR-D105B	105
UR-D110B	110
UR-D120B	120

UR-D (Center Pin)

Code	Overall Length (mm)	Core Drill Size (mm)
URCP-230	230	25~55
DBP-No.1	187	60~120

UR21 (Shank Assembly)

For codes, specifications, and availability look at the **UR21** shank assembly availability list (P. 20).

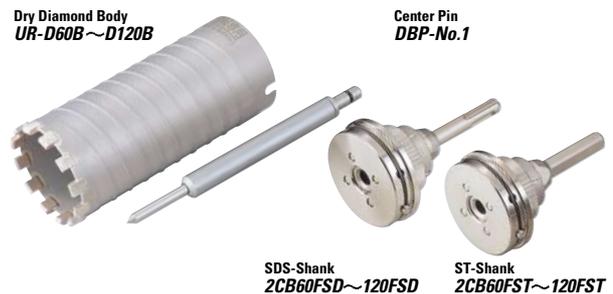
Diameter 25~55 mm

All replacement blades and all sizes (diameter: 25 - 55 mm) are available for one type shank assembly.



Diameter 60~120 mm

For a diameter of 60 mm or more, a shank assembly of a corresponding size is required for each size.



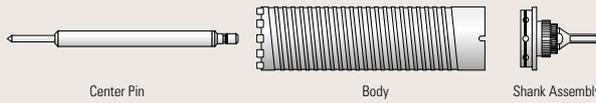


- Capable of drilling reinforced concrete (cutting up to 3/8 inch diameter reinforcement), blocks, mortar etc. without the use of water.
 - Center pin type cuts by using only rotation force, greatly reducing noise of vibration.
 - Long type with an effective length of 200 mm.
- * For porcelain ceramic tile and stone, water should be used.

REINFORCED CONCRETE HARD EXTERIOR PANEL Resin-based ARTIFICIAL MARBLE
 MORTAR SOFT EXTERIOR PANEL BLOCK / BRICK * CERAMIC TILE

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

60 - 80mm



UR-DL Long (Set)

Code		Diameter (mm)	Effective Length (mm)	Center Pin (code)
ST-Shank	SDS-Shank			
UR-DL60ST	UR-DL60SD	60	200	DBP-No.2L
UR-DL65ST	UR-DL65SD	65		
UR-DL70ST	UR-DL70SD	70		
UR-DL75ST	UR-DL75SD	75		
UR-DL80ST	UR-DL80SD	80		

UR-DL Long (Body)

Code	Diameter (mm)
UR-DL60B	60
UR-DL65B	65
UR-DL70B	70
UR-DL75B	75
UR-DL80B	80

UR-DL Long (Center Pin)

Code	Overall Length (mm)	Core Drill Size (mm)
DBP-No.2L	257	60~80

UR21 (Shank Assembly)

For codes, specifications, and availability look at the **UR21** shank assembly availability list (P. 20).

⚠ Precautions on use

- Note that the cutting edge may experience wear sooner when used for concrete without the elapse of an insufficient curing period.
- Make sure to use the drill in the "rotation mode." Using the drill in the percussion/impact mode may cause falling of the cutting edge or other failures.
- Note that forced insertion/removal operations during drilling (the cutting edge collides against the hole bottom or hole wall) or excessive tilting of a tool may also cause failures.
- Make sure to use this product in a "dry" condition. Using it in a wet or a damp condition may cause not only a shorter life but also reduced operating efficiency.

Dressing (sharpening) operation

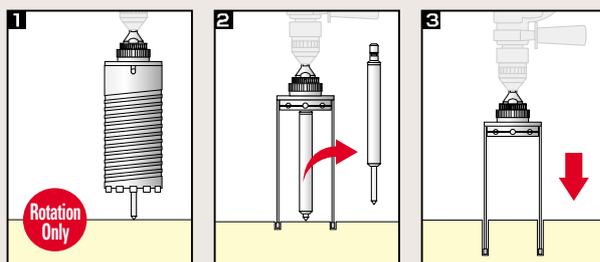
Perform dressing (sharpening) operation in the following cases:

- Where cutting quality deteriorates during drilling
- Where burns or discoloration is detected on the cutting edge

In dressing operation, perform normal drilling in heavy weight (hollow) blocks or GC/WA grinding wheels. Dressing operation is completed when diamond particles protrude from the cutting edge surface and streaks in the rotation direction become clear.

● Handling Method

(Dry Diamond UR-D/DL [common])



1 Align the center pin with the drilling position. Hold it tight and turn on the motor switch. [Rotation mode]

2 Stop the motor when the cutting edge is inserted approximately 5 mm and remove the center pin.

3 Lightly press the body against the drilling groove and continue operation.

Diameter 60~80 mm

For a diameter of 60 mm or more, a shank assembly of a corresponding size is required for each size.

Dry Diamond Long Body
UR-DL60B ~ DL80B

Center Pin
DBP-No.2L



SDS-Shank
2CB60FSD ~ 80FSD

ST-Shank
2CB60FST ~ 80FST



- Employs a unique double blade feature, with the inner-blade preceding the outer-blade, for boring through material such as; metallic siding, stainless steel, wood siding as well as compound material (metallic siding + insulating material + plywood) at one go.
- Perfect for use on wooden material applications, as shavings removal is easy and nail cutting is also possible. Possible to bore through several layers of thin steel plates.

STEEL / ALUMINUM | METAL SIDING PANEL | 2x4's including nails
WOOD / PLYWOOD | PVC / FRP | PLASTERBOARD | STAINLESS STEEL

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



UR-F (Set)

	Code		Diameter (mm)	Effective Length (mm)	Center Drill (code)
	ST-Shank	SDS-Shank			
	UR21-F025ST	UR21-F025SD	25	170	URCDH250
△	UR21-F029ST	UR21-F029SD	29		
⊙	UR21-F032ST	UR21-F032SD	32		
⊙	UR21-F035ST	UR21-F035SD	35		
△	UR21-F038ST	UR21-F038SD	38		
○	UR21-F040ST	UR21-F040SD	40		
	UR21-F045ST	UR21-F045SD	45		
△	UR21-F050ST	UR21-F050SD	50		
	UR21-F055ST	UR21-F055SD	55		
	UR-F60ST	UR-F60SD	60	130	2CB-W200
⊙	UR-F65ST	UR-F65SD	65		
⊙	UR-F70ST	UR-F70SD	70		
	UR-F75ST	UR-F75SD	75		
⊙	UR-F80ST	UR-F80SD	80		
	UR-F85ST	UR-F85SD	85		
	UR-F90ST	UR-F90SD	90		
	UR-F95ST	UR-F95SD	95		
	UR-F100ST	UR-F100SD	100		
	UR-F105ST	UR-F105SD	105		
○	UR-F110ST	UR-F110SD	110		
	UR-F115ST	UR-F115SD	115		
○	UR-F120ST	UR-F120SD	120		
	UR-F130ST	UR-F130SD	130		
	UR-F150ST	UR-F150SD	150		
	UR-F155ST	UR-F155SD	155		
○	UR-F160ST	UR-F160SD	160		
	UR-F170ST	UR-F170SD	170		

UR-F (Body)

Code	Diameter (mm)
UR21-F025B	25
UR21-F029B	29
UR21-F032B	32
UR21-F035B	35
UR21-F038B	38
UR21-F040B	40
UR21-F045B	45
UR21-F050B	50
UR21-F055B	55
UR-F60B	60
UR-F65B	65
UR-F70B	70
UR-F75B	75
UR-F80B	80
UR-F85B	85
UR-F90B	90
UR-F95B	95
UR-F100B	100
UR-F105B	105
UR-F110B	110
UR-F115B	115
UR-F120B	120
UR-F130B	130
UR-F150B	150
UR-F155B	155
UR-F160B	160
UR-F170B	170

UR-F (Center Drill)

Code	Diameter (mm)	Overall Length (mm)	Core Drill Size (mm)
URCDH250	9.5	250	25~55
2CB-W200		210	60~170

UR21 (Shank Assembly)

For codes, specifications, and availability look at the **UR21** shank assembly availability list (P. 20).

Diameter 25~55 mm With guide plate

All replacement blades and all sizes (diameter: 25 - 55 mm) are available for one type shank assembly.



Diameter 60~170 mm

For a diameter of 60 mm or more, a shank assembly of a corresponding size is required for each size.





- Employs a unique double blade feature, with the inner-blade preceding the outer-blade, for boring through material such as; metallic siding, stainless steel, wood siding as well as compound material (metallic siding + insulating material + plywood) at one go.
- Possible to bore through several layers of thin steel plates.
- Short type with an effective length of 60 mm.

STEEL / ALUMINUM | **METAL SIDING PANEL** | **2x4's including nails**

WOOD / PLYWOOD | **PVC / FRP** | **PLASTERBOARD** | **STAINLESS STEEL**

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

25 - 55mm



60 - 170mm



UR-FS Short (Set)

出筋	Code		Diameter (mm)	Effective Length (mm)	Center Drill (code)
	ST-Shank	SDS-Shank			
△	UR21-FS025ST	UR21-FS025SD	25	60	URCDH140
	UR21-FS029ST	UR21-FS029SD	29		
○	UR21-FS032ST	UR21-FS032SD	32		
	UR21-FS035ST	UR21-FS035SD	35		
	UR21-FS038ST	UR21-FS038SD	38		
	UR21-FS040ST	UR21-FS040SD	40		
△	UR21-FS045ST	UR21-FS045SD	45		
○	UR21-FS050ST	UR21-FS050SD	50		
	UR21-FS055ST	UR21-FS055SD	55		
	UR-FS60ST	UR-FS60SD	60	60	2CB-150
○	UR-FS65ST	UR-FS65SD	65		
	UR-FS70ST	UR-FS70SD	70		
	UR-FS75ST	UR-FS75SD	75		
	UR-FS80ST	UR-FS80SD	80		
	UR-FS85ST	UR-FS85SD	85		
	UR-FS90ST	UR-FS90SD	90		
○	UR-FS95ST	UR-FS95SD	95		
	UR-FS100ST	UR-FS100SD	100		
	UR-FS105ST	UR-FS105SD	105		
△	UR-FS110ST	UR-FS110SD	110		
	UR-FS115ST	UR-FS115SD	115		
△	UR-FS120ST	UR-FS120SD	120		
	UR-FS130ST	UR-FS130SD	130		
	UR-FS150ST	UR-FS150SD	150		
	UR-FS155ST	UR-FS155SD	155		
	UR-FS160ST	UR-FS160SD	160		
	UR-FS170ST	UR-FS170SD	170		

UR-FS Short (Body)

Code	Diameter (mm)
UR21-FS025B	25
UR21-FS029B	29
UR21-FS032B	32
UR21-FS035B	35
UR21-FS038B	38
UR21-FS040B	40
UR21-FS045B	45
UR21-FS050B	50
UR21-FS055B	55
UR-FS60B	60
UR-FS65B	65
UR-FS70B	70
UR-FS75B	75
UR-FS80B	80
UR-FS85B	85
UR-FS90B	90
UR-FS95B	95
UR-FS100B	100
UR-FS105B	105
UR-FS110B	110
UR-FS115B	115
UR-FS120B	120
UR-FS130B	130
UR-FS150B	150
UR-FS155B	155
UR-FS160B	160
UR-FS170B	170

UR-FS Short (Center Drill)

Code	Diameter (mm)	Overall Length (mm)	Core Drill Size (mm)
URCDH140	9.5	150	25~55
2CB-150		150	60~170

UR21 (Shank Assembly)

For codes, specifications, and availability look at the **UR21** shank assembly availability list (P. 20).

Diameter 25~55 mm

All replacement blades and all sizes (diameter: 25 - 55 mm) are available for one type shank assembly.

Compound Material Short Body
UR21-FS025B~FS055B

Center Drill
URCD-H140



SDS-Shank
UR25/55FSD

ST-Shank
UR25/55FST

Diameter 60~170 mm

For a diameter of 60 mm or more, a shank assembly of a corresponding size is required for each size.

Compound Material Short Body
UR-FS60B~FS170B

Center Drill
2CB-150



SDS-Shank
2CB60FSD~170FSD

ST-Shank
2CB60FST~170FST



Multiple use for drilling in siding walls, plasterboard, FRP, veneer panels, PVC panels, and composites etc.

SOFT EXTERIOR PANEL	PVC	FRP
PLASTERBOARD	WOOD	PLYWOOD

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



UR-M (Set)		Diameter (mm)	Effective Length (mm)	Center Drill (code)
Code	Code			
UR21-M025ST	UR21-M025SD	25	170	URCD-T250
UR21-M029ST	UR21-M029SD	29		
UR21-M032ST	UR21-M032SD	32		
UR21-M035ST	UR21-M035SD	35		
UR21-M038ST	UR21-M038SD	38		
UR21-M040ST	UR21-M040SD	40		
UR21-M045ST	UR21-M045SD	45		
UR21-M050ST	UR21-M050SD	50		
UR21-M055ST	UR21-M055SD	55		
UR-M60ST	UR-M60SD	60	130	2CB-210
UR-M65ST	UR-M65SD	65		
UR-M70ST	UR-M70SD	70		
UR-M75ST	UR-M75SD	75		
UR-M80ST	UR-M80SD	80		
UR-M85ST	UR-M85SD	85		
UR-M90ST	UR-M90SD	90		
UR-M95ST	UR-M95SD	95		
UR-M100ST	UR-M100SD	100		
UR-M105ST	UR-M105SD	105		
UR-M110ST	UR-M110SD	110		
UR-M115ST	UR-M115SD	115		
UR-M120ST	UR-M120SD	120		
UR-M130ST	UR-M130SD	130		
UR-M150ST	UR-M150SD	150		
UR-M155ST	UR-M155SD	155		
UR-M160ST	UR-M160SD	160		
UR-M170ST	UR-M170SD	170		

UR-M (Body)		Diameter (mm)
Code	Code	
UR21-M025B		25
UR21-M029B		29
UR21-M032B		32
UR21-M035B		35
UR21-M038B		38
UR21-M040B		40
UR21-M045B		45
UR21-M050B		50
UR21-M055B		55
UR-M60B		60
UR-M65B		65
UR-M70B		70
UR-M75B		75
UR-M80B		80
UR-M85B		85
UR-M90B		90
UR-M95B		95
UR-M100B		100
UR-M105B		105
UR-M110B		110
UR-M115B		115
UR-M120B		120
UR-M130B		130
UR-M150B		150
UR-M155B		155
UR-M160B		160
UR-M170B		170

UR-M (Center Drill)			
Code	Diameter (mm)	Overall Length (mm)	Core Drill Size (mm)
URCD-T250	10.0	250	25~55
2CB-210		210	60~170

UR21 (Shank Assembly)	
For codes, specifications, and availability look at the UR21 shank assembly availability list (P. 20).	

Diameter 25~55 mm

All replacement blades and all sizes (diameter: 25 - 55 mm) are available for one type shank assembly.

Multi Body
UR21-M025B~M055B

Center Drill
URCD-T250

SDS-Shank
UR25/55FSD

ST-Shank
UR25/55FST

Diameter 60~170 mm

For a diameter of 60 mm or more, a shank assembly of a corresponding size is required for each size.

Multi Body
UR-M60B~M170B

Center Drill
2CB-210

SDS-Shank
2CB60FSD~170FSD

ST-Shank
2CB60FST~170FST



- Multiple use for drilling in siding walls, plasterboard, FRP, veneer panels, PVC panels, and composites etc.
- Short type with an effective length of 60 mm.

SOFT EXTERIOR PANEL	PVC	FRP
PLASTERBOARD	WOOD	PLYWOOD

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

60 - 170mm



Center Drill



Body



Shank Assembly



UR-MS Short (Set)

出筋	Code		Diameter (mm)	Effective Length (mm)	Center Drill (code)
	ST-Shank	SDS-Shank			
	UR-MS60ST	UR-MS60SD	60	60	2CB-160
	UR-MS65ST	UR-MS65SD	65		
	UR-MS70ST	UR-MS70SD	70		
○	UR-MS75ST	UR-MS75SD	75		
	UR-MS80ST	UR-MS80SD	80		
	UR-MS85ST	UR-MS85SD	85		
	UR-MS90ST	UR-MS90SD	90		
	UR-MS95ST	UR-MS95SD	95		
	UR-MS100ST	UR-MS100SD	100		
△	UR-MS105ST	UR-MS105SD	105		
○	UR-MS110ST	UR-MS110SD	110		
△	UR-MS115ST	UR-MS115SD	115		
	UR-MS120ST	UR-MS120SD	120		
	UR-MS130ST	UR-MS130SD	130		
	UR-MS150ST	UR-MS150SD	150		
○	UR-MS160ST	UR-MS160SD	160		
	UR-MS170ST	UR-MS170SD	170		

UR-MS Short (Body)

Code	Diameter (mm)
UR-MS60B	60
UR-MS65B	65
UR-MS70B	70
UR-MS75B	75
UR-MS80B	80
UR-MS85B	85
UR-MS90B	90
UR-MS95B	95
UR-MS100B	100
UR-MS105B	105
UR-MS110B	110
UR-MS115B	115
UR-MS120B	120
UR-MS130B	130
UR-MS150B	150
UR-MS160B	160
UR-MS170B	170

UR-MS Short (Center Drill)

Code	Diameter (mm)	Overall Length (mm)	Core Drill Size (mm)
2CB-160	10.0	150	60~170

UR21 (Shank Assembly)

For codes, specifications, and availability look at the **UR21** shank assembly availability list (P. 20).

Diameter 60~170 mm

For a diameter of 60 mm or more, a shank assembly of a corresponding size is required for each size.

Multi Short Body
UR-MS60B~MS170B

Center Drill
2CB-160



SDS-Shank
2CB60FSD~170FSD

ST-Shank
2CB60FST~170FST



- Rotating core drills specially designed for hard-to-drill ALC panels. Even large bore drilling is made easy.
- Cuts easily through ALC panels as well as the piano wire used for reinforcing, including 1/4 inch diameter reinforcement.

A L C **PLASTERBOARD**

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



UR-A (Set)

	Code		Diameter (mm)	Effective Length (mm)	Center Drill (code)
	ST-Shank	SDS-Shank			
	UR21-A025ST	UR21-A025SD	25	170	URCD-T250
△	UR21-A029ST	UR21-A029SD	29		
△	UR21-A032ST	UR21-A032SD	32		
△	UR21-A035ST	UR21-A035SD	35		
○	UR21-A038ST	UR21-A038SD	38		
○	UR21-A040ST	UR21-A040SD	40		
	UR21-A045ST	UR21-A045SD	45		
○	UR21-A050ST	UR21-A050SD	50		
	UR21-A055ST	UR21-A055SD	55		
	UR-A60ST	UR-A60SD	60	130	2CB-210
◎	UR-A65ST	UR-A65SD	65		
◎	UR-A70ST	UR-A70SD	70		
○	UR-A75ST	UR-A75SD	75		
◎	UR-A80ST	UR-A80SD	80		
	UR-A85ST	UR-A85SD	85		
	UR-A90ST	UR-A90SD	90		
	UR-A95ST	UR-A95SD	95		
○	UR-A100ST	UR-A100SD	100		
△	UR-A105ST	UR-A105SD	105		
◎	UR-A110ST	UR-A110SD	110		
	UR-A115ST	UR-A115SD	115		
	UR-A120ST	UR-A120SD	120		
	UR-A130ST	UR-A130SD	130		
	UR-A150ST	UR-A150SD	150		
	UR-A155ST	UR-A155SD	155		
	UR-A160ST	UR-A160SD	160		
	UR-A170ST	UR-A170SD	170		

UR-A (Body)

Code	Diameter (mm)
UR21-A025B	25
UR21-A029B	29
UR21-A032B	32
UR21-A035B	35
UR21-A038B	38
UR21-A040B	40
UR21-A045B	45
UR21-A050B	50
UR21-A055B	55
UR-A60B	60
UR-A65B	65
UR-A70B	70
UR-A75B	75
UR-A80B	80
UR-A85B	85
UR-A90B	90
UR-A95B	95
UR-A100B	100
UR-A105B	105
UR-A110B	110
UR-A115B	115
UR-A120B	120
UR-A130B	130
UR-A150B	150
UR-A155B	155
UR-A160B	160
UR-A170B	170

UR-A (Center Drill)

Code	Diameter (mm)	Overall Length (mm)	Core Drill Size (mm)
URCD-T250	10.0	250	25~55
2CB-210		210	60~170

UR21 (Shank Assembly)

For codes, specifications, and availability look at the **UR21** shank assembly availability list (P. 20).

Diameter 25~55 mm

All replacement blades and all sizes (diameter: 25 - 55 mm) are available for one type shank assembly.



Diameter 60~170 mm

For a diameter of 60 mm or more, a shank assembly of a corresponding size is required for each size.



Diameter 60~75 mm Clear case set



Case size (mm): 325 (W) x 85 (D) x 240 (H)

UR21 Set for Air Conditioner Installation Work **VFA**

Code	Diameter (mm)	Set contents
UR-VFA65SD	65	Percussion ALC
UR-VFA70SD	70	Compound Material Center Drill



UR21 Set for Air Conditioner Installation Work **VFD**

Code	Diameter (mm)	Set contents
UR-VFD65SD	65	Percussion Dry Diamond Compound Material
UR-VFD70SD	70	Center Drill/Pin



Diameter 32~38 mm Clear case set



Case size (mm): 366 (W) x 78 (D) x 270 (H)

UR21 Set for plumbing work **VFA**

Code	Diameter (mm)	Set contents
UR21-VFA032SD	32	Percussion ALC Compound Material Center Drill



UR21 Set for plumbing work **VFD**

Code	Diameter (mm)	Set contents
UR21-VFD032SD	32	Percussion Dry Diamond
UR21-VFD035SD	35	Compound Material
UR21-VFD038SD	38	Center Drill Center Pin



Contents of UR21 case set is one example of a standard set for each work. Do not hesitate to contact us for combinations.



V

SERIES

Percussion



- Core drill in vibration mode, has a cutting edge shape most suitable for hard wall materials etc., achieving an excellent balance between accuracy and efficiency.
- With small-amplitude vibration and rotation to the cutting edge enables speedier drilling by crushing the material being drilled while drilling.

*Use the rotation mode for plasterboard and soft siding board.

BLOCK		BRICK	
MORTAR	PLASTERBOARD	HARD EXTERIOR PANEL	SOFT EXTERIOR PANEL
Applicable Electric Tool Percussion Drill			

UR-KV (Set for Ventilating Fan)

Code		Diameter (mm)	Effective Length (mm)	Center Drill (code)	
ST-Shank	SDS-Shank				
UR-KV1116ST	UR-KV1116SD	110+160	130	2CB-210	

UR-KV (Body)

Code	Diameter (mm)	
UR-V110B	110	
UR-KV160B	160	

UR-KV (Center Drill)

Code	Diameter (mm)	Overall Length (mm)	Core Drill Size (mm)	
2CB-210	100	210	60~170	



UR21 (110mm Shank Assembly)

Code	Shank	
2CB-110FST	Straight	
2CB-110FSD	SDS	

A

SERIES

ALC



- Rotating core drills specially designed for hard-to-drill ALC panels. Even large bore drilling is made easy.
- Cuts easily through ALC panels as well as the piano wire used for reinforcing, including 1/4 inch diameter reinforcement.

A	L	C	PLASTERBOARD
Applicable Electric Tool Electric Drill / Percussion Drill (rotating mode)			

UR-KA (Set for Ventilating Fan)

Code		Diameter (mm)	Effective Length (mm)	Center Drill (code)	
ST-Shank	SDS-Shank				
UR-KA1116ST	UR-KA1116SD	110+160	130	2CB-210	

UR-KA (Body)

Code	Diameter (mm)	
UR-A110B	110	
UR-KA160B	160	

UR-KA (Center Drill)

Code	Diameter (mm)	Overall Length (mm)	Core Drill Size (mm)	
2CB-210	100	210	60~170	



UR21 (110mm Shank Assembly)

Code	Shank	
2CB-110FST	Straight	
2CB-110FSD	SDS	



M SERIES **Multi**



Multiple use for drilling in siding walls, plasterboard, FRP, veneer panels, PVC panels, and composites etc.

SOFT EXTERIOR PANEL	PVC	FRP
PLASTERBOARD	WOOD	PLYWOOD

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

UR-KM (Set for Ventilating Fan)

Code		Diameter (mm)	Effective Length (mm)	Center Drill (code)
ST-Shank	SDS-Shank			
URKM1116ST	URKM1116SD	110+160	130	2CB-210

UR-KM (Body)

Code	Diameter (mm)
UR-M110B	110
UR-KM160B	160

UR-KM (Center Drill)

Code	Diameter (mm)	Overall Length (mm)	Core Drill Size (mm)
2CB-210	10.0	210	60~170

UR21 (110mm Shank Assembly)

Code	Shank
2CB-110FST	Straight
2CB-110FSD	SDS



F SERIES **Compound Material**



Adopts unique double blade features, with the inner-blade preceding the outer-blade, therefore, boring through material such as; metallic siding, stainless steel/wood siding as well as compound materials (metallic plate + insulating material + plywood) at one go is possible.
Swarf is efficiently discharged in boring wooden materials. It is also possible to cut nails and bore through several layers of thin steel plates.

STEEL / ALUMINUM	METAL SIDING PANEL	2x4's including nails
WOOD / PLYWOOD	PVC / FRP	PLASTERBOARD
		STAINLESS STEEL

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

UR-KF (Set for Ventilating Fan)

Code		Diameter (mm)	Effective Length (mm)	Center Drill (code)
ST-Shank	SDS-Shank			
UR-KF1116ST	UR-KF1116SD	110+160	130	2CB-W200

UR-KF (Body)

Code	Diameter (mm)
UR-F110B	110
UR-KF160B	160

UR-KF (Center Drill)

Code	Diameter (mm)	Overall Length (mm)	Core Drill Size (mm)
2CB-W200	9.5	210	60~170

UR21 (110mm Shank Assembly)

Code	Shank
2CB-110FST	Straight
2CB-110FSD	SDS



UR21 Shank Assembly (Straight Shank)

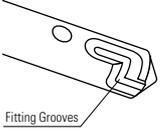
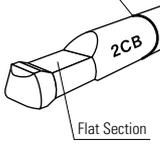
Code	Diameter (mm)	Shank Diameter (mm)	Appearance
UR25/55FST	25	10/13	<p>Replacement bits for various sizes (25 - 55 mm) can all be used with a single type of flange shank.</p> 
	29	(Straight)	
	32		
	35		
	38		
	40		
	45		
	50		
55			
2CB60FST	60	13	<p>2CB Shank All bodies from vibrating types to multis can be used with a single flange shank provided the bore size is the same.</p> 
2CB65FST	65	(Straight)	
2CB70FST	70		
2CB75FST	75		
2CB80FST	80		
2CB85FST	85		
2CB90FST	90		
2CB95FST	95		
2CB100FST	100		
2CB105FST	105		
2CB110FST	110		
2CB115FST	115		
2CB120FST	120		
2CB130FST	130		
2CB150FST	150		
2CB155FST	155		
2CB160FST	160		
2CB170FST	170		

UR21 Shank Assembly (SDS Shank)

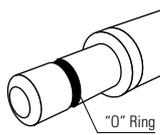
Code	Diameter (mm)	Shank Diameter (mm)	Appearance
UR25/55FSD	25	10	<p>Replacement bits for various sizes (25 - 55 mm) can all be used with a single type of flange shank.</p> 
	29	(SDS-plus)	
	32		
	35		
	38		
	40		
	45		
	50		
55			
2CB60FSD	60	10	<p>2CB Shank All bodies from vibrating types to multis can be used with a single flange shank provided the bore size is the same.</p> 
2CB65FSD	65	(SDS-plus)	
2CB70FSD	70		
2CB75FSD	75		
2CB80FSD	80		
2CB85FSD	85		
2CB90FSD	90		
2CB95FSD	95		
2CB100FSD	100		
2CB105FSD	105		
2CB110FSD	110		
2CB115FSD	115		
2CB120FSD	120		
2CB130FSD	130		
2CB150FSD	150		
2CB155FSD	155		
2CB160FSD	160		
2CB170FSD	170		

Center Drill/Center Pin

UR21 Center Drill

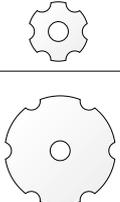
Compatible Diameter	Code	Compatible Body	Appearance	
25~55mm	URCD-T250	Percussion ALC Multi V A M	Regular	
	URCDH250	Compound Material F	Regular	
	URCDH140	Compound Material FS	Short	
60~170mm	2CB-210	Percussion ALC Multi V A M	Regular	
	2CB-260	Percussion VL	Long	
	2CB-160	Multi MS	Short	
	2CB-W200	Compound Material F	Regular	
	2CB-150	Compound Material FS	Short	

UR21 Center Pin

Compatible Diameter	Code	Compatible Body	Appearance	
25~55mm	URCP-230	Dry Diamond D	Regular	
60~170mm	DBP-Nb.1	Dry Diamond D	Regular	
60~80mm	DBP-Nb.2L	Dry Diamond DL	Long	

Guide Plate

UR-F (Standard Accessory)

Code	Compatible Diameter (mm)	Appearance
GP-F25	25	
GP-F29	29	
GP-F32	32	
GP-F35	35	
GP-F38	38	
GP-F40	40	
GP-F45	45	
GP-F50	50	
GP-F55	55	

UR-D (Standard Accessory)

Code	Compatible Diameter (mm)	Appearance
GP-D25	25	
GP-D29	29	
GP-D32	32	
GP-D35	35	
GP-D38	38	
GP-D40	40	
GP-D45	45	
GP-D50	50	
GP-D55	55	



* Please check whether a Straight or SDS shank is required before ordering.

UR21 SET										
Dia (mm)	Regular					Long		Short		
	Percussion UR-V	ALC UR-A	Multi UR-M	Dry Diamond UR-D	Compound UR-F	Percussion UR-VL	Dry Diamond UR-DL	Multi UR-MS	Compound UR-FS	
25	○	○	○	○	○				○	
29	○	○	○	○	○				○	
32	○	○	○	○	○				○	
35	○	○	○	○	○				○	
38	○	○	○	○	○				○	
40	○	○	○	○	○				○	
45	○	○	○	○	○				○	
50	○	○	○	○	○				○	
55	○	○	○	○	○				○	
60	○	○	○	○	○	○	○	○	○	
65	○	○	○	○	○	○	○	○	○	
70	○	○	○	○	○	○	○	○	○	
75	○	○	○	○	○	○	○	○	○	
80	○	○	○	○	○	○	○	○	○	
85	○	○	○	○	○			○	○	
90	○	○	○	○	○			○	○	
95	○	○	○	○	○			○	○	
100	○	○	○	○	○			○	○	
105	○	○	○	○	○			○	○	
110	○	○	○	○	○			○	○	
115	○	○	○	○	○			○	○	
120	○	○	○	○	○			○	○	
130	○	○	○	○	○			○	○	
150	○	○	○	○	○			○	○	
155	○	○	○	○	○			○	○	
160	○	○	○	○	○			○	○	
170	○	○	○	○	○			○	○	
Dia: 25-55mm = Effective Length: 170mm / Dia: 60-170mm = Effective Length: 130mm						Effective Length: 200 mm		Effective Length: 60 mm		

Center Drill / Center Pin		
Size	Code (Conformity Body)	
25 55	URCD-T250 (Regular) V A M	
	URCD-H250 (Regular) F	
	URCD-H140 (Short) FS	
	URCP-230 (Regular) D	
60 170	2CB-210 (Regular) V A M	
	2CB-260 (Long) VL	
	2CB-160 (Short) MS	
	2CB-W200 (Regular) F	
	2CB-150 (Short) FS	
	DBP-No.1 (Regular) D	
60 80	DBP-No.2L (Long) DL	

UR21 BODY										
Dia (mm)	Regular					Long		Short		
	Percussion UR-V	ALC UR-A	Multi UR-M	Dry Diamond UR-D	Compound UR-F	Percussion UR-VL	Dry Diamond UR-DL	Multi UR-MS	Compound UR-FS	
25B	○	○	○	○	○				○	
29B	○	○	○	○	○				○	
32B	○	○	○	○	○				○	
35B	○	○	○	○	○				○	
38B	○	○	○	○	○				○	
40B	○	○	○	○	○				○	
45B	○	○	○	○	○				○	
50B	○	○	○	○	○				○	
55B	○	○	○	○	○				○	
60B	○	○	○	○	○	○	○	○	○	
65B	○	○	○	○	○	○	○	○	○	
70B	○	○	○	○	○	○	○	○	○	
75B	○	○	○	○	○	○	○	○	○	
80B	○	○	○	○	○	○	○	○	○	
85B	○	○	○	○	○			○	○	
90B	○	○	○	○	○			○	○	
95B	○	○	○	○	○			○	○	
100B	○	○	○	○	○			○	○	
105B	○	○	○	○	○			○	○	
110B	○	○	○	○	○			○	○	
115B	○	○	○	○	○			○	○	
120B	○	○	○	○	○			○	○	
130B	○	○	○	○	○			○	○	
150B	○	○	○	○	○			○	○	
155B	○	○	○	○	○			○	○	
160B	○	○	○	○	○			○	○	
170B	○	○	○	○	○			○	○	

Shank Assembly		
Code		
Straight Shank	SDS Shank	
UR25/55FST	UR25/55FSD	
2CB60FST	2CB60FSD	
2CB65FST	2CB65FSD	
2CB70FST	2CB70FSD	
2CB75FST	2CB75FSD	
2CB80FST	2CB80FSD	
2CB85FST	2CB85FSD	
2CB90FST	2CB90FSD	
2CB95FST	2CB95FSD	
2CB100FST	2CB100FSD	
2CB105FST	2CB105FSD	
2CB110FST	2CB110FSD	
2CB115FST	2CB115FSD	
2CB120FST	2CB120FSD	
2CB130FST	2CB130FSD	
2CB150FST	2CB150FSD	
2CB155FST	2CB155FSD	
2CB160FST	2CB160FSD	
2CB170FST	2CB170FSD	

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UR 21

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