



# CONCRETE DIAMOND CORE DRILL BIT

Johnson Tools Manufactory Co., Ltd.

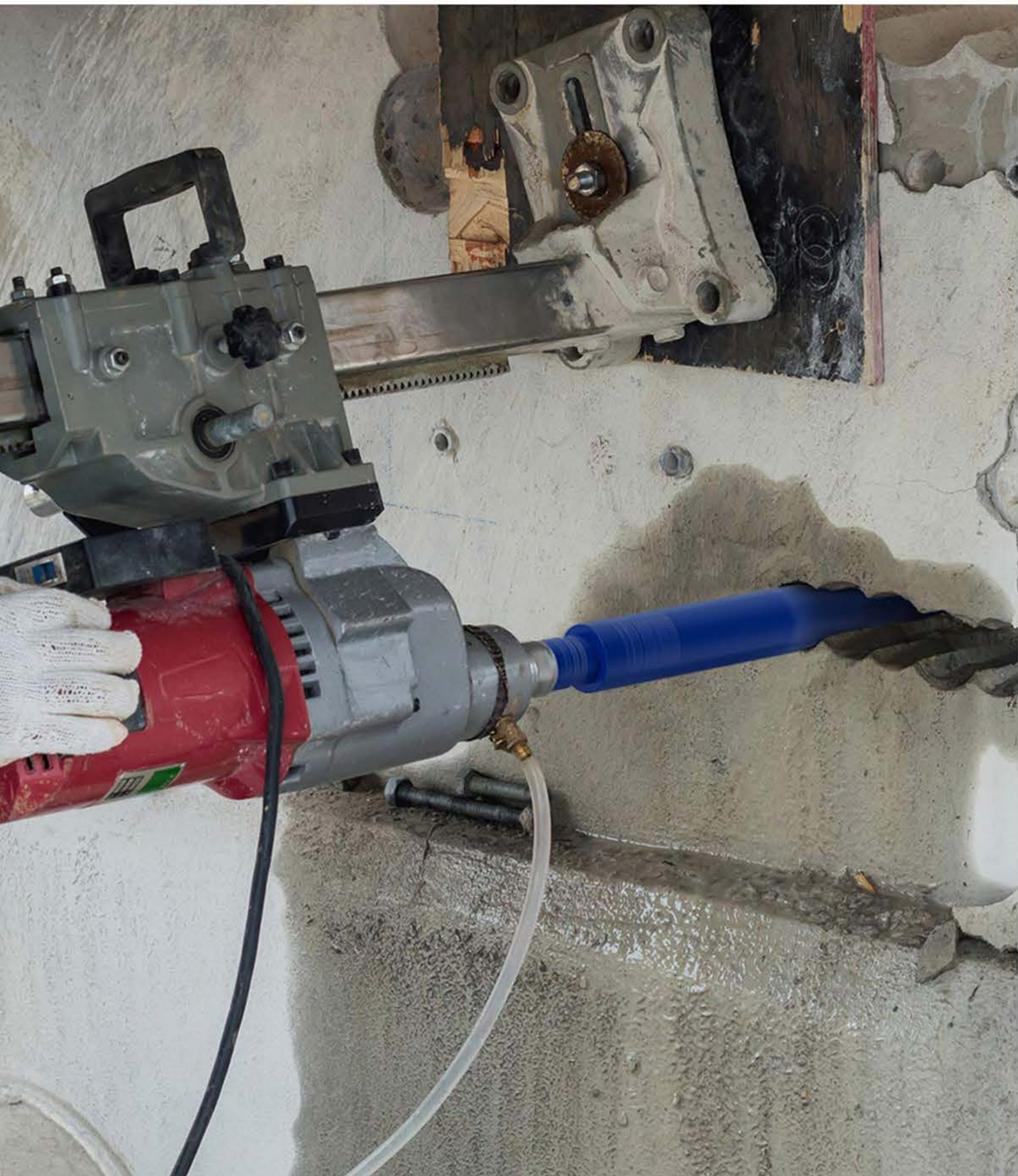
OEM/ODM  
100% Export to More Than 80 Countries  
20+ years' manufacturing experience  
Win MPA, SGS, TUV Certification



# General-grade Diamond Core Drill Bit



Processing Technology:  
High-frequency welding / Laser welding  
Connection:  
1-1/4 "-7UNC / 1-1/4 "-3UNC



OD	Total length	Teeth Height	Teeth Thickness	Teeth No
18mm	450mm	9mm	3.7mm	2
20mm	450mm	9mm	3.7mm	2
22mm	450mm	9mm	3.7mm	2
25mm	450mm	9mm	3.7mm	3
27mm	450mm	9mm	3.7mm	3
30mm	450mm	9mm	3.7mm	3
38mm	450mm	9mm	3.7mm	4
40mm	450mm	9mm	3.7mm	4
44mm	450mm	9mm	3.7mm	4
46mm	450mm	9mm	3.7mm	4
51mm	450mm	10mm	4mm	5
56mm	450mm	10mm	4mm	6
63mm	450mm	10mm	4mm	6
66mm	450mm	10mm	4mm	6
71mm	450mm	10mm	4mm	7
76mm	450mm	10mm	4mm	7
83mm	450mm	10mm	4mm	8
89mm	450mm	10mm	4mm	8
96mm	450mm	10mm	4mm	9
102mm	450mm	10mm	4mm	9
108mm	450mm	10mm	4mm	9
112mm	450mm	10mm	4mm	9
116mm	450mm	10mm	4mm	10
120mm	450mm	10mm	4mm	10
127mm	450mm	10mm	4mm	11
132mm	450mm	10mm	4.5mm	11
140mm	450mm	10mm	4.5mm	11
152mm	450mm	10mm	4.5mm	12
159mm	450mm	10mm	4.5mm	12
162mm	450mm	10mm	4.5mm	12
168mm	450mm	10mm	4.5mm	13
180mm	450mm	10mm	4.5mm	13
200mm	450mm	10mm	4.5mm	15
220mm	450mm	10mm	4.5mm	16
230mm	450mm	10mm	4.5mm	16
245mm	450mm	10mm	4.5mm	17
254mm	450mm	10mm	4.5mm	17
270mm	450mm	10mm	4.5mm	18
300mm	450mm	10mm	4.7mm	19
325mm	450mm	10mm	4.7mm	19
350mm	450mm	10mm	4.7mm	22
400mm	450mm	10mm	4.7mm	26
450mm	450mm	10mm	4.7mm	28
500mm	450mm	10mm	4.7mm	32
600mm	450mm	10mm	4.7mm	36



# Professional-grade Three Part Diamond Core Drill Bit

Coupling



Tube



Drilling head



OD	Length(crown/tube/coupling)	Teeth Height	Teeth Thickness	Teeth No
25mm	50/300/100	9mm	4mm	3
32mm	55/300/100	9mm	4mm	3
40mm	65/300/100	9mm	4mm	4
52mm	65/300/100	10mm	4.2mm	5
63mm	70/300/100	10mm	4.2mm	6
76mm	70/300/100	10mm	4.2mm	7
90mm	70/300/100	10mm	4.2mm	8
108mm	100/300/100	10mm	4.5mm	9
127mm	120/300/100	10mm	4.5mm	11
150mm	120/300/100	10mm	4.7mm	12
180mm	120/300/100	10mm	4.7mm	13
200mm	120/300/100	10mm	4.7mm	15
230mm	120/300/100	10mm	4.7mm	16
250mm	120/300/100	10mm	5.5mm	17
300mm	120/300/100	10mm	5.5mm	19
350mm	120/300/100	10mm	6.5mm	22
400mm	120/300/100	10mm	6.5mm	26

Processing Technology:  
High-frequency welding / Laser welding  
Connection:  
1-1/4 "-7UNC / 1-1/4 "-3UNC



Concrete



Reinforced Concrete  
With a mid to high reinforced ratio

Suitable for various drilling applications, lightweight and easy to carry.  
It can be constructed without drilling holes to install the arm base.



# Diamond Core Drill Bits

Usage: Dry Drilling



Processing Technology:  
High-frequency welding / Laser welding  
Connection: M16

OD	Total length	Teeth Height	Teeth Thickness	Teeth No
68mm	100mm	10mm	4.0mm	4/5
72mm	100mm	10mm	4.0mm	4/5
82mm	100mm	10mm	4.0mm	4/5





# Diamond Core Drill Bits

Usage: Dry Drilling



Without Threads



With Threads

**Processing Technology:**  
High-frequency welding / Laser welding  
**Connection:** M14/M16/1/2BSP

OD	Total length	Teeth Height	Teeth Thickness	Teeth No
20mm	260mm	9mm	3.7mm	2
22mm	260mm	9mm	3.7mm	2
25mm	260mm	9mm	3.7mm	3
27mm	260mm	9mm	3.7mm	3
30mm	260mm	9mm	3.7mm	3
32mm	260mm	9mm	3.7mm	3
36mm	260mm	9mm	3.7mm	3
38mm	260mm	9mm	3.7mm	3
40mm	260mm	9mm	3.7mm	4
44mm	260mm	9mm	3.7mm	4
46mm	260mm	9mm	3.7mm	4
51mm	260mm	10mm	4mm	4
56mm	260mm	10mm	4mm	5
63mm	260mm	10mm	4mm	5
66mm	260mm	10mm	4mm	5
71mm	260mm	10mm	4mm	5
76mm	260mm	10mm	4mm	5
83mm	260mm	10mm	4mm	6
89mm	260mm	10mm	4mm	6
102mm	260mm	10mm	4mm	6
108mm	260mm	10mm	4mm	7
112mm	260mm	10mm	4mm	7
116mm	260mm	10mm	4mm	7
120mm	260mm	10mm	4mm	7
127mm	260mm	10mm	4mm	8

- Engineering drill bits for concrete, reinforced concrete, and more.
- Premium core bits for speed and longevity.
- Wet or dry use with hand drills or machines.
- Custom production to meet your needs.
- Size options available.



Wear Protective Gear





# Diamond Segment

## Core Drill Bit Diamond Segment for Concrete

Johnson  
TOOLS



Normal Type

Enhance sharpness  
Professional



Dotted Type

Sharpness



Turbo Type

Sharpness



Roof Type

Enhance sharpness

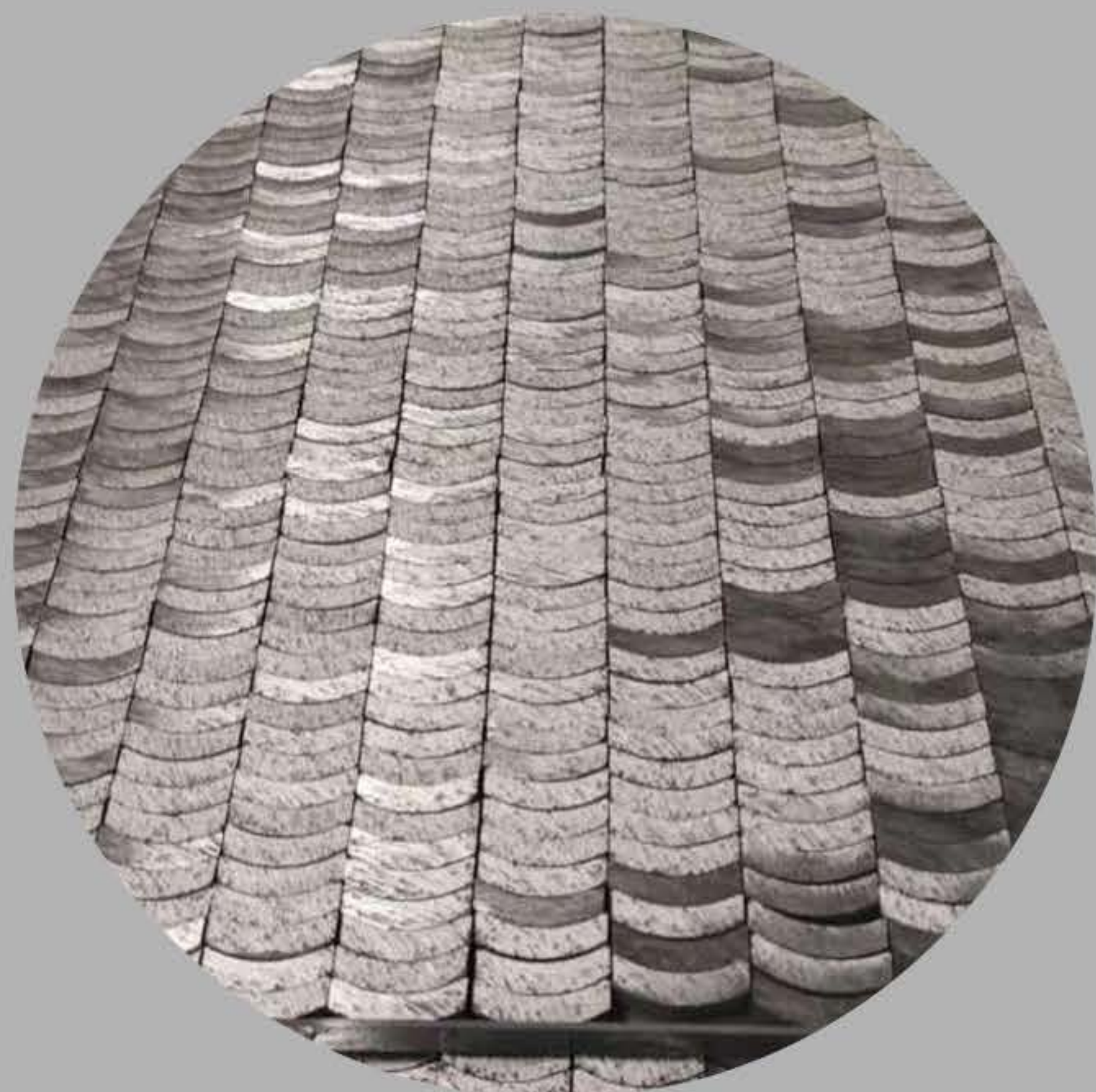


Great Wall Type

Enhance sharpness

Element 6 high quality diamond grit  
Fast cutting performance

Segment type	Total length	Teeth Height	Teeth Thickness
Normal Type	22mm	9mm	4/4.5mm
Dotted Type	23mm	10mm	4/4.5mm
Turbo Type	23mm	9mm	4/4.5mm
Roof Type	23mm	10.5mm	4/4.5mm
Great Wall Type	23mm	10.5mm	4/4.5mm





# Various Adaptors

Various of connection end can be produced to customer requirements.



For connecting different type of drills with drill bits

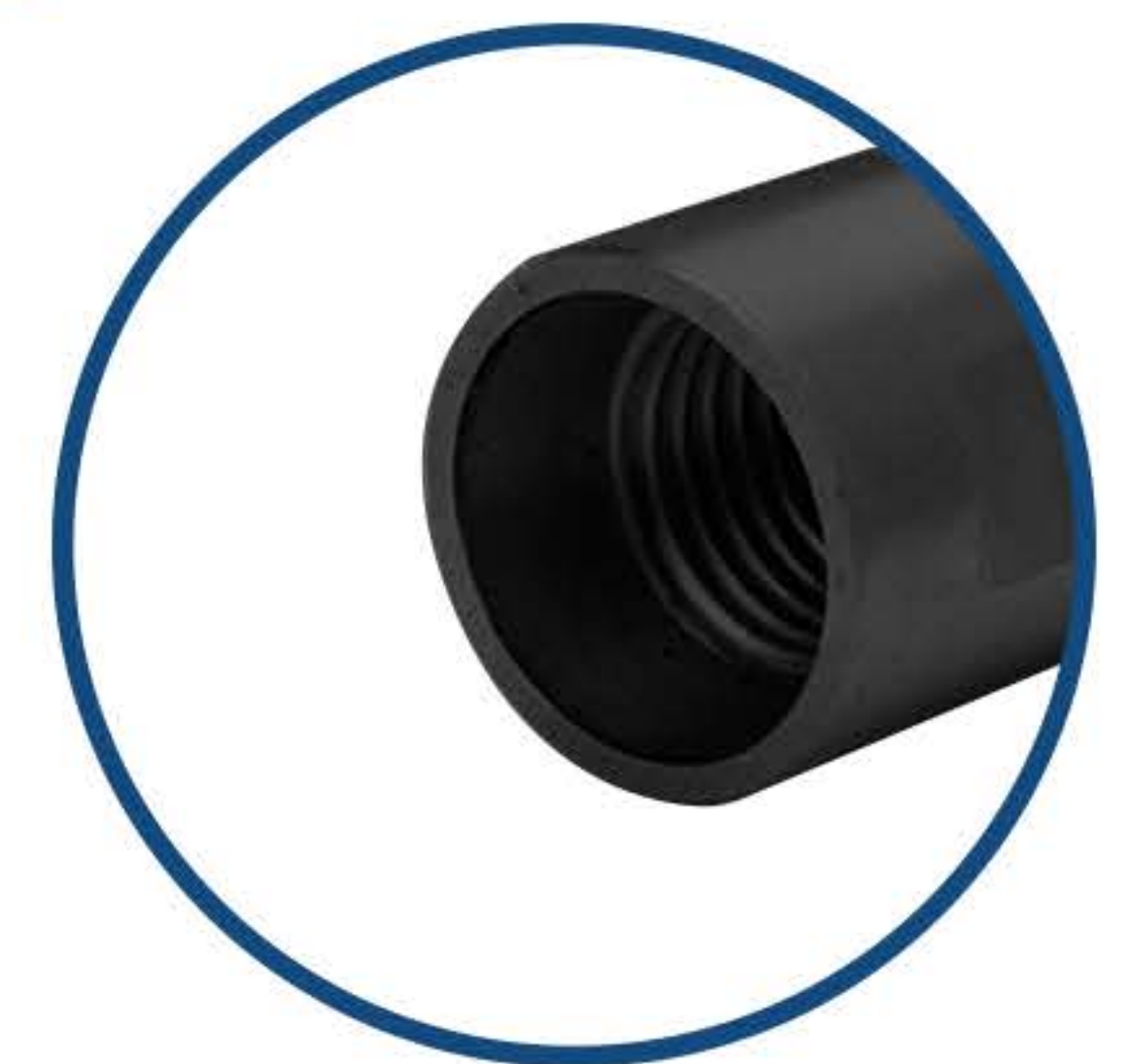
## Extension drill rods

Various types of extension rods can be produced according to customer requirements.



### Round Steel

Connection End: M22  
Material: 45# steel  
Overall length:  
100mm, 200mm, 300mm  
400mm, 500m



### 1/2 Extension Rod

Connection End: 1/2  
Material: Carbon steel  
Overall length:  
100mm, 200mm, 300mm  
400mm, 500m





## Hexagonal

Connection End: 1-1/4unc

Material: Aluminium / 45#Steel

Overall length: 100mm, 200mm, 300mm  
400mm, 500m

The extension drill rods which can be used for higher capacity drill holes can be extended to several meters

## Drill Body

All types of drill bodies







## JS-160

Style: Vertical diamond core drill  
Drill range : 15-160 mm  
Rated voltage : 110 V/220V/240V  
Spindle : 1 1/4-7 UNC ,A rod.  
Rated frequency : 50-60Hz  
Rated input power : 3200 W  
No-load speed : 800 r/min  
Machine color : Orange

With soft start ,constant power and overload protection



## JS-200

Style: Vertical diamond core drill  
Drill range : 15-200 mm  
Rated voltage : 110 V/220V/240V  
Spindle : 1 1/4-7 UNC , A rod  
Rated frequency : 50-60Hz  
Rated input power : 4180 W  
No-load speed : 750 r/min  
Machine color : Orange

With soft start ,constant power and overload protection



## JS-300

Style: Vertical diamond core drill  
Drill range : 15-300 mm  
Rated voltage : 110 V/220V/240V  
Spindle : 1 1/4-7 UNC , A rod  
Rated frequency : 50-60Hz  
Rated input power : 4780 W  
No-load speed : 630 r/min  
Machine color : Orange

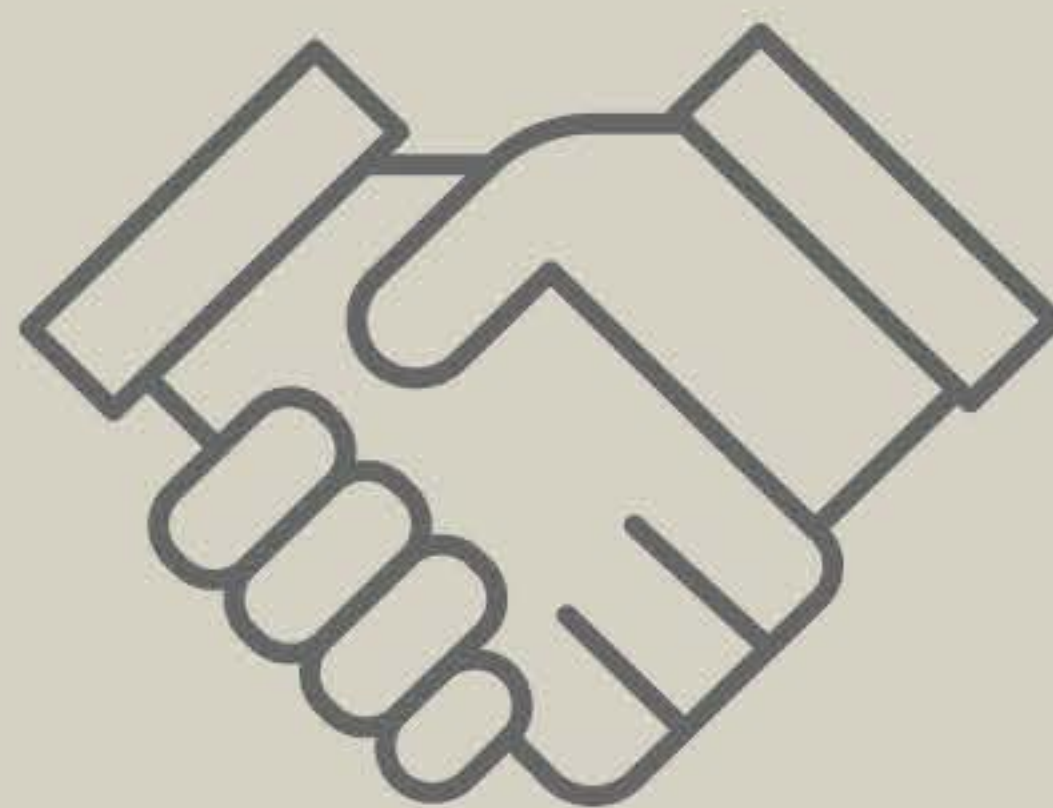
With soft start ,constant power and overload protection



# Johnson Tools Manufactory Co., Ltd.

Global Leading Diamond Tool Manufacturer.

Since 2000 year, our company Johnson Tools Manufactory Co.,Ltd started to manufacture and export diamond tools for stone working and construction industry for worldwide countries. Since 2005 year, we established our own import and export company, named Johnson Import and Export Co.,Ltd.



“ In pursuit of excellence, we commit to delivering premium diamond tools with an unparalleled quality-to-cost ratio. Our diamond tools series, recognized with MPA certification from Germany's Hannover, SGS, and TUV inspections, forms our core product line. We offer diamond saw blades, drill bits, grinding wheels, polishing pads, multifunctional blades, reciprocating saw blades, and related accessories. Our products serve diverse industries, from stone processing to interior decoration, and are exported to 80+ countries and regions. ”







## Johnson Tools Manufactory Co.,Ltd.

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### Get In Touch!

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