

MUKOSAN

JAPAN

Product catalogue 2025

Diamond Drilling Rig

DCD08 Diamond core drill

3000W High-power motor
Stronger transmission ratio/torque/ drilling power
1100 RPM large load, high speed
Innovation waterless seal structure, No water leakage

Rated voltage	220V~
Rated frequency	50Hz
Input power	3000W
Max drilling diameter	For brick ϕ 200mm For concrete ϕ 159mm
No-load speed	1100r/min
Weight	14kg
Price	\$167.32



DCD09 Diamond core drill

3600W High-power motor
Stronger transmission ratio/torque/ drilling power
Compact design lighter, smaller and leaner
Innovation waterless seal structure, No water leakage

Rated voltage	220V~
Rated frequency	50Hz
Input power	3600W
Max drilling diameter	For brick ϕ 240mm For concrete ϕ 200mm
No-load speed	800r/min
Weight	15.6kg
Price	\$178.2



DCD12 Diamond core drill

4200W High power & Large overload capacity
Good at drilling deep holes
78 NM high torque
Low speed for Larger/deeper holes drilling
No water seal & copper pipe design – No leakage

Rated voltage	220V~
Rated frequency	50Hz
Input power	4200W
Max drilling diameter	For brick ϕ 300mm For concrete ϕ 240mm
No-load speed	550r/min
Weight	22kg
Price	\$356.4



Intelligent Drilling Rig Series

DCD06P Micro percussion dry drill

Dual speeds with soft impact function
Integrated dust extraction management
Real-time workloads monitoring
Patented mechanical clutch + Gyroscope
Auto-stop when sudden rotation over 30°

Rated voltage	220V~
Rated frequency	50Hz
Input power	2000W
Max drilling diameter	For brick ϕ 150mm For concrete ϕ 75mm
No-load speed	1200/2100r/min
Impact frequency	21600/37800bpm
Weight	5.8kg
Price	\$201.56



DCD20 Diamond core drill

5000W High-power motor
Innovative electronic control system
Self-speed-adaptive drilling
Larger gear ratio, torque increased by 20%
Second generation mechanical speed control

Rated voltage	220V~
Rated frequency	50Hz
Input power	5000W
Max drilling diameter	For brick ϕ 500mm For concrete ϕ 500mm
No-load speed	230/370r/min
Weight	42.5kg
Price	\$1108.35



A7166 Core drill stand

3500 watts of power carry overload ability is good at deep hole
High precision gear super motor
Multiple security protection
Power stable long time continuous work

Wide	130 mm
Height	800 mm
Price	\$82.71



Concrete cutting cutter

J300 Ring saw

Voltage	220V 50/60Hz
PowerInput	6000W
No Load Speed	3000r/min
Maximum Cutting	Cut depth size 300mm
Packing Qty	1pc
G.W./N.W.	16.6/14kg
Meas	92.5x61.5x3cm
Price	\$288.9



J500 Ring saw

Voltage	220V 50/60Hz
PowerInput	6000W
No Load Speed	2500r/min
Maximum Cutting	Cut depth size 400mm
Packing Qty	1pc
G.W./N.W.	18.5/16.3kg
Meas	102.5x61.5x31cm
Price	\$364.5



J600 Ring saw

Voltage	220V 50/60Hz
PowerInput	6000W
No Load Speed	2300r/min
Maximum Cutting	Cut depth size 300/400/500mm
Packing Qty	1pc
G.W./N.W.	15.7/13.5kg
Meas	72x57x33cm
Price	\$403.65



Concrete Cutting Machine

BDC625 concrete saw

Voltage	220V 50Hz
Rated Power	7500W
No Load Speed	3200r/min
MaxWheel Diameter	618mm × Φ50
Max Cutting Size	275mm
Packing Qty	1pc
G.W./N.W.	20.5/22.8kg
Meas	85×30×68cm
Price	\$383.4



Track

G.W./N.W.	8.7/8kg
Meas	121.5×12.5×25cm
Price	\$67.5



83503 cutting saw

Voltage	220V 50/60Hz / 120V 60Hz
RatedPower	2500W
No Load Speed	3600r/min
MaxWheel Diameter	355mm x φ50
MaxCuttingSize	120mm
Packing Qty	1pc
G.W./N.W.	20/17.9kg
Meas	56×35×45cm
Price	\$74.25



84005 cutting saw

Voltage	220V 50/60Hz / 380V 50/60Hz
RatedPower	2600W
No Load Speed	2880r/min
MaxWheel Diameter	405mm x φ25.4
MaxCuttingSize	125mm
Packing Qty	1pc
G.W./N.W.	52/45kg
Meas	72×45×55cm
Price	\$156.6



Concrete Chain Saws

BLT480 Concrete Chain Saws

Voltage	220V 50/60Hz / 110V 60Hz
RatedPower	3200W
No Load Speed	6300r/min
ChainSpecifications	Step3/8 (18.6 mm) 78 nodes
MaxCuttingSize	299mm
Packing Qty	1pc
G.W./N.W.	16.6/15kg
Meas	64x34x36.5cm
Price	\$291.6



BLT350 Concrete Chain Saws

Voltage	220V, 50/60Hz / 110V 60Hz
RatedPower	3200W
No Load Speed	6300r/min
ChainSpecifications	Step3/8 (18.6 mm) 66 nodes
MaxCuttingSize	370mm
Packing Qty	1pc
G.W./N.W.	16.6/14kg
Meas	64x34x36.5cm
Price	\$282.15



Magnetic Seat Drill Series

S30 Magnetic seat drill

Rated voltage	220V
Rated frequency	50Hz-60Hz
Input power	1000W
No-load speed	750r/min
Maximum Twist Drilling	16mm
Coring Range	12-30mm
Maximum Coring Depth	40mm
Largest Travel	100mm
Maximum Opening	190mm
Biggest Attraction	8000N
Spindle Support	x
Gross Net Weight	14.25/13.55kg
Package Size	47x1x14x34.5cm
Price	\$156.6



N38 Magnetic seat drill

Rated voltage	220V-230V
Rated frequency	50-60Hz
Input power	1100W
No-load speed	200-750r/min
Max Twist Drill	16mm
Max Core	38mm
Core Depth	40mm
Max. stroe	140mm
Max. open gear	270mm
Max. Suction	9000N
Spindle holder	19.05mm
Gross Net Weight	16.5/11.5hg
Price	\$241.65



N40 Magnetic seat drill

Rated voltage	220V
Rated frequency	50Hz-60Hz
Rated power	1100W
No-load speed	560r/min
Max. Twist Drill	16mm
Cutter range	12-40mm
Core Depth	50mm
Max. stroe	140mm
Max. open gear	300mm
Max. Suction	11000N
Spindle Support	x
Gross Net Weight	17.5/12.5kg
Package Size	57.5x20.5x41.5cm
Price	\$251.1



A50 Magnetic seat drill

Rated voltage	220V
Rated frequency	50Hz-60Hz
Input power	1700W
No-load speed	200-650r/min
Max. Twist Drill	28mm
Cutter range	12-50mm
Core Depth	50mm
Max. stroe	200mm
Max. open gear	300mm
Max. Suction	13500N
Mohs Adapter	MT3
Gross Net Weight	26/19.5kg
Package Size	164.2x20.2x45mm
Price	\$284.85



W50 Horizontal magnetic seat drill

Rated voltage	220V
Rated frequency	50Hz-60Hz
Input power	1300W
No-load speed	200-500r/min
Maximum stroke	61mm
Core Drilling	50mm
Maximum suction	9000N
Spindle Support	✓
Gross Net Weight	16.5/11.5hg
Package Size	58.5x18.5x41.5cm
Price	\$376.65



SY28 Magnetic seat drill

Rated voltage	220V
Rated frequency	50-60Hz
Input power	1700W
No-load speed	200-650r/min
Max. Twist Drilling	28mm
Cutter range	12-50mm
Core Depth	50mm
Max. travel	140mm
Max. open gear	300mm
Max. attraction	13000N
Spindle type	MT3
Net weight	27.1kg
Package Size	57.5x20.5x41.5cm
Price	\$279.45



A32B Magnetic Seat Drill

Rated voltage	220V
Rated frequency	50-60Hz
Rated power	1800W
No-load speed	200-600r/min
Max. Twist Drill	32mm
Cutter range	12-50mm
Tapping range	M20-M27
Max. travel	200mm
Max. attraction	1700mm
Spindle type	MT3
Net Weight	29kg
Package Size	64.2x20.2x45mm
Price	\$365.85



A80II Magnetic Seat Drill

Rated voltage	220V
Rated frequency	50-60Hz
Rated power	2200W
No-load speed	200-600rpm
Max. Twist Drill	32mm
Cutter range	12-80mm
Cutter depth	70mm
Max. attraction	17500N
Spindle support	✓
Net Weight	30.1kg
Package Size	64.2x20.2x45cm
Price	\$500.85



X60 Magnetic Seat Drill

Rated voltage	220-230V
Rated frequency	50-60Hz
Rated power	1600W
No-load speed	B-280r/min A-520r/min
Max. Twist Drill	315mm
Max. Core	60mm
Core Depth	75mm
Max. tapping	M24
Max. stroe	160mm
Max. open gear	300mm
Max. Suction	15000N
Spindle holder	MT3
Gross Net weight	20/25kg
Price	\$554.85



X120 Magnetic Seat Drill

Rated voltage	220V-230V
Rated frequency	50-60Hz
Rated power	2600W
No-load speed	B-130r/min A-215r/min B-280r/min A-520r/min
Max. Twist Drill	44mm
Max Core	120mm
Core Depth	100mm
Max. tapping	M34
Max. stroe	230mm
Max. open gear	400MM
Max. Suction	20000N
Spindle holder	MT4
Gross Net weight	30.5/35kg
Price	\$940.95



Welding Equipment Series

Sealant welding machine for crown welding

Fast heating: Based on the principle of high-frequency induction, the welding site can be heated to the required temperature in a few seconds, greatly reducing the welding time.

Energy efficiency ratio: compared with the traditional welding method, the energy utilization ratio is higher, reducing energy consumption, suitable for continuous production line, greatly enhances the overall production efficiency.

Stable welding quality: rapid heating reduces the area of oxidation and heat exposure, reduces powder slag and other defects, ensures the strength and sealability of the joint.

High degree of equipment automation, support one-touch operation, reduce the technical threshold, adapt to the needs of welding of shaped pipes or precision parts by adjusting the induction coils.

welding strength and stability, high-strength connection: for example, the saw blade can withstand high axial force and torque after welding to ensure cutting stability.

Working cycle	30–100kHz
Frequency of weekend fluctuations	100%
Voltage parameters	380V
Maximum input current	65A
Cooling water pressure	≥0.2MPa
Power of the device	26kW
Cooling water consumption	2–5L/min
Installation dimensions	480×370×200mm
Net Weight	23kg
Price	\$801.9



Pneumatic welding machine

Intuitive operating system of own development, easy to use.

Reduce energy loss while maintaining stable mechanical structure, support long continuous operation.

The use of compressed air as an energy source ensures stable welding pressure and reduces damage to the base by welding stress.

The water cooling system reduces energy consumption and increases the service life of the equipment.

Stable rotation of the welding head (<0.2n) and fast heating (gap between copper coil and cutting head <0.5mm).

Welding range	Vertical/Horizontal: 350–800mm (max. 1200mm)
Parallelism	<0.03mm
Welding speed	10–3d pcs. /min
Water pressure	0.5–0.8MPa
Cooling water pressure	0.1–0.2MPa
Cooling water consumption	1.5–2m ³ /h
Installation dimensions	880×700×1500mm
Net Weight	160kg
Price	\$1030.05



Dual purpose welding bracket for saw blade and drill bit

Simple and practical design: requires no complex power supply or automation
Manual control for positioning and fixation
Convenient adjustment of welding position
Suitable for welding teeth of saw discs and drills of various sizes
Low infrastructure requirements: ideal for small-scale production and repairs
Economy: low equipment cost and easy maintenance
Lightweight design for convenience of transportation and use in workshops

Sizes	900×350×500mm
Saw disc welding range	350–1200mm
Drill welding range	32–600mm
Price	\$255.15



Pipe cutter

Rapid cutting of worn-out drills for reuse
Cost savings

Power	2000W
Sizes	980×310×740mm
Net Weight	45kg
Max. length of drill	600mm
Max. drill diameter	350mm
Price	\$443.48



Small fully automatic tool head gear unloader

Highly efficient automated system for dismantling diamond saw blade segments
Durable wear-resistant components for longer service life
Easy maintenance and stable design
Intuitive management: training in 3–5 minutes

Sizes	800×500×400mm
Processing range	350–800mm
Weight	150kg
Price	\$789.75



C20 Single Speed (carpet dryer)

Power	1/12HP 110–120V/60Hz
Switch	Single
Blade	145×160mm
Air volume	350CFM
Speed	1500RPM
Product Size	12×10.8×9.6 inch
Box Mesh	11×12×12.5 inch
Weight	7.7lbs
Price	\$37.8



C21 Two Speed

Power	1/3HP 110–120V/60Hz
Switch	Two
Blade	240×200mm
Air volume	1025/840CFM
Speed	1120RPM
Product Size	17×15.3×15 inch
Box Mesh	47.5×41×40 inch
Weight	11kg
Price	\$78.3



C22 Three Speed

Power	1.5HP 110–120V/60Hz
Switch	Three
Blade	270×270 mm
Air volume	1600/1400/1200CFM
Speed	1550RPM
Product Size	18×18.9×19 inch
Box Mesh	19.5×19×18.5 inch
Weight	16.5kg
Price	\$110.7



Air Dryer

50L Air Dryer

Dehumidifying capacity	50L/D (90pints)
Power supply	220–240V/50Hz
Rated power input	650W
Refrigerant	R290
Operating Temperature	5–38°C
Process air	5.1m ³ /min
Meas	43x51x86.5 cm
Weight	39.5kgs
Цена	\$398.25



70L Air Dryer

Dehumidifying capacity	70L/D (125pints)
Power supply	220–240V/50Hz
Rated power input	765W
Refrigerant	R290
Operating Temperature	5–38 °C
Process air	6.7m ³ /min
Meas	47x50x97cm
Weight	40.5kgs
Цена	\$452.25



90L Air Dryer

Dehumidifying capacity	90L/D (160PINTS)
Power supply	220–240V/50Hz
Rated power input	860W
Refrigerant	R290
Operating Temperature	5–38 °C
Process air	11.6m ³ /min
Meas	47x50x97cm
Weight	43.0kgs
Цена	\$492.75



High-pressure mist fan HPW26-1

Oscillation	90 °
Power	260W/220-240V, 50Hz
Cord	1.00mm ²
Air-flow	138m ³ /min
Speed	three
Spray effective distance	8-15m
Pressure	40-60kg
Weight	42kg
Mist machine can continuously work	1400 hours
Tank capacity	30L
Price	\$157.95



High-pressure mist fan HPS26-1

Oscillation	90 °
Power	260W/220-240V, 50Hz
Cord	1.00mm ²
Air-flow	138m ³ /min
Speed	three
Spray effective distance	8-15m
Pressure	40-60kg
Weight	40kg
Mist machine can continuously work	1400 hours
Tank capacity	46L
Price	\$162



High-pressure mist fan CMF26-1

Oscillation	90 °
Power	260W/220-240V, 50Hz
Cord	1.00mm ²
Air-flow	138m ³ /min
Speed	three
Effective area	20m
Lower temperature	2-4 °C
Weight	28.0 g
Mist machine can continuously work	1400 hours
Tank capacity	40L
Price	\$112.05



Drum fan CTF-24 (600mm)

Power	1/4HP / 190W 110-120V / 60Hz
Switch	3 Speed
Size	24" (600 mm)
Air Volume	7800CFM
Speed	1011RPM
Product Size	29.9x9.8x29.9 inch
Box Mesh	29.9x11.4x30 inch
Weight	37.4lbs
Price	\$52.65



Drum fan CTF-30 (750mm)

Power	1/2HP 220-240V/50Hz
Switch	3 Speed
Size	30" (750mm)
Air Volume	9200CFM
Speed	730RPM
Product Size	35.8x13x37.4 inch
Box Mesh	36.2x13.3x38 inch
Weight	57.3lbs
Price	\$79.65



Drum fan CFT-36 (900mm)

Power	1/2HP 110-120V/60Hz
Switch	3 Speed
Size	36" (900mm)
Air Volume	11300CFM
Speed	720RPM
Product Size	41.7x11.8x43 inch
Box Mesh	42.5x12.2x48 inch
Weight	66.1lbs
Price	\$93.15



Movable blower SHT-40 (400mm)

Power	1000W 220-240V/50Hz
Phase	Single
Size	16" (400mm)
Air volume	92m ³ /min
Speed	2850RPM
Product Size	62x54x44cm
Box Mesh	63x55x45cm
Weight	20.0kgs
Price	\$118.8



Movable blower SHT-50 (500mm)

Power	500W 220-240V/50Hz
Phase	Single
Size	20" (500mm)
Air volume	166m ³ /min
Speed	1450RPM
Product Size	64.5x63.5x38cm
Box Mesh	65.5x64.5x39cm
Weight	23.0kgs
Price	\$129.6



Movable blower SHT-60 (600mm)

Power	1000W, 50Hz 230/380/440V
Phase	Single/Three
Size	24" (600 mm)
Air volume	290m ³ /min
Speed	1400rpm
Product Size	74x47x82cm
Box Mesh	75.5x75x51.5cm
Weight	33.0kgs
Price	\$218.7



Portable blower SHT-20 (200mm)

Power	180W 110-120V/60Hz
Switch	Single
Size	8" (200mm)
Air volume	900CFM
Speed	3450RPM
Product Size	9.4x9.4x12 inch
Box Mesh	13.1x10.3x13.8 inch
Weight	15.4lbs
Price	\$45.9



Portable blower SHT-25 (250mm)

Power	290W 110-120V/60Hz
Switch	Single
Size	10" (250mm)
Air volume	1520CFM
Speed	3350RPM
Product Size	10.8x10.8x13.8 inch
Box Mesh	14.7x11.7x13.4 inch
Weight	17.6lbs
Price	\$48.6



Portable blower SHT-30 (300mm)

Power	465W 110-120V/60Hz
Switch	Single
Size	12" (300mm)
Air volume	2300CFM
Speed	3300RPM
Product Size	13.4x13.4x15.1 inch
Box Mesh	16.1x13x16.7 inch
Weight	20.91lbs
Price	\$52.65



Portable blower SHT-35 (350mm)

Power	1HP 110-120V/60Hz
Switch	Single
Size	14" (350mm)
Air volume	3000CFM
Speed	3300RPM
Product Size	20.4x16.5x16.5 inch
Box Mesh	20.9x16.9x16.9 inch
Weight	41.9lbs
Price	\$86.4

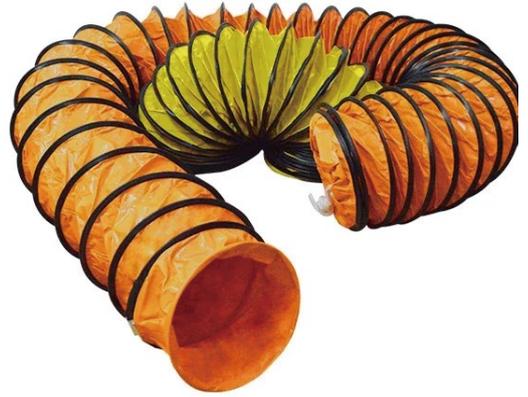


Gofre (flexible hose)

The PVC fabric is manufactured with Ultraviolet and Self Extinguishing fire resistant properties. Extra thick wearstrip is designed to handle the toughest ground dragging applications and extends the life of the duct by preventing wear through. Super strong wire-high tensile spring steel will not easily bend, deform or crush. Heat sealed seams create a smoother surface for better air flow. It works in temperatures ranging from -20 to 185 F. PVC fabric is excellent for fume removal, dust collection, ventilation and industrial applications. And it is used to ventilate small, confined areas where fans cannot reach. It has strong resistance to mild acids, alkalines, alcohols, hydrocarbons (aliphatic), mineral and vegetable oils, oxidizing agents and solvents with low parity.

- *Can be easily cut to the required length and taped at both sides (sound attenuator)
- *Supplied in standard 10 meter length, diameter available from 3"-48" (76mm-1200mm)
- *Individually boxed
- Low costs on transport and logistics
- *Easy to install over either round or oval ducting
- *No special tools required for cutting or fixing
- *In cases of a fire no toxic gas is emitted
- *The products have been tested on fire resistance

Materials	Material PVC
Number of layers	three layers of pvc
Thickness	0.4 mm



Tristand chain vise H401

- Crank handle anchored to base.
- For pipe support from 1/8"-6" (3mm-150mm), suitable in many applications, like pipe threading, cutting, grooving etc.
- Toothed jaws are for pipe clamping securely.
- Die casting aluminum solid base, light-weight, durable and impact resistant.
- Built-in tool tray, tool hanging slot, pipe rest and bender.
- Foldable structure, easy for transportation and stock.

Pipe Capacity	1/8"-6in. 3-150mm
Max loading weight	1322lb. 600kg
Weight	44lb. 20kg
Package	110x48x22cm



Bench chain vise H402

- Crank handle anchored to base.
- For pipe support from 1/8"-6" (3mm-150mm), suitable in many applications, like pipe threading, cutting, grooving etc.
- Toothed jaws are for pipe clamping securely.
- Cast-iron base with handy pipe rest and bender.

Pipe Capacity	1/8"-6inch 3-150mm
Weight	15.4lb. 7kg
Package	25.5x25x15.5cm



V head pipe stand

S, M and L stands for different height, A and B ball head can mount 1107 stand.

1107 series pipe stands equip lock ring allowing quick height adjustment.

Foldable structure, easy for transportation and stock.

Durable V-head, easy to install, for 1/8"-12"(3mm-300mm), suitable in many applications, Like pipe threading, cutting, grooving etc.

A portable handle wrapped by rubber is also a highlight. Easy carrying and storage.

1107-S

Height adjustment [Low-High]	20-36 ½ in.	50.5-93.5cm
Max pipe capacity	12in.	30cm
Max loading capacity	2500lb.	1134kg
Weight		12.9kg

1107-M

Height adjustment [Low-High]	23-42 ½ in.	60-108cm
Max pipe capacity	12in.	30cm
Max loading capacity	2500lb.	1134kg
Weight		14.1kg

1107-L

Height adjustment [Low-High]	28-52in.	71-132cm
Max pipe capacity	12in.	30cm
Max loading capacity	2500lb.	1134kg
Weight		15.9kg

Price

\$41.85



Ball head for 1107 – A

Max pipe capacity	30cm
Max loading capacity	454kg
Weight	1.5kg
Price	\$6.75



Ball head for 1107 – B

Max pipe capacity	30cm
Max loading capacity	900kg
Weight	2.8kg
Price	\$13.5

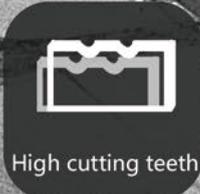


Diamond products

Laser welding Sharp type reinforced concrete drill bit

The concrete wet drill bit has great versatility. Our drill bit size ranges from 8mm to 600mm, To meet all your needs for drilling with reinforced concrete.

*The shape, total length, color, wall thickness of steel pipe and thread of drill bit can be customized.



High cutting teeth



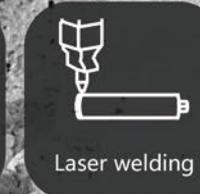
High concentricity



High quality diamond



Vacuum sintering



Laser welding

Laser welding reinforced concrete drill bit Series

Laser welding Sharp type reinforced concrete drill bit



The laser welding process of German Dr. Fritsch is adopted, which has high welding strength and is not easy to lose teeth.

High hardness tooth shape, Jindu patented formula, fast cutting and long service life

One piece seamless steel pipe, high-strength alloy steel, high concentricity, not easy to deform

Laser welding Durable type reinforced concrete drill bit



Laser welding Economic type reinforced concrete drill bit



Diameter (mm)	Number segment	Tube thickness (mm)	Total length (mm)
18	2	2.00	370/450
20	2	2.00	370/450
22	2	2.00	370/450
26	3	2.00	370/450
28	3	2.00	370/450
30	3	2.00	370/450
32	3	2.00	370/450
36	4	2.00	370/450
38	4	2.00	370/450
40	4	2.00	370/450
44	4	2.00	370/450
50	5	2.00	370/450
53	5	2.00	370/450
57	6	2.00	370/450
63	6	2.00	370/450
66	7	2.00	370/450
71	7	2.00	370/450
76	8	2.00	370/450
83	8	2.00	370/450
89	8	2.00	370/450
95	9	2.10	370/450
102	9	2.10	370/450
107	10	2.10	370/450
110	10	2.10	370/450
112	10	2.10	370/450
114	11	2.10	370/450
120	11	2.10	370/450
127	11	2.10	370/450
132	12	2.15	370/450
150	12	2.15	370/450
159	13	2.25	370/450
166	13	2.30	370/450
180	13	2.40	370/450
202	15	2.40	370/450
220	16	2.60	350/450
244	17	2.60	350/450
254	17	2.60	350/450
274	18	2.80	350/450
300	20	2.80	350/450

Diamond Cutting Blade

Road cutting blade

Suitable for cobblestone road, ordinary concrete pavement, asphalt pavement, etc.

Suitable for cobblestone road, ordinary concrete pavement, asphalt pavement, etc.

Upgrade the corrugated tooth design to improve the performance by 30%.

Super sharp, wear-resistant and fast cutting 4000 meters.

It uses emery as raw material, with high sharpness, labor-saving cutting and long service life.

External diameter (mm)	Tooth height (mm)	Tooth high (mm)	Matrix aperture (mm)
300	12/15/20	3.2	50/60
400	12/15/20	3.2	50/60
500	12/15/20	3.5	50/60



Wall saw cutting blade

Cutting brick wall, reinforced concrete wall, etc

The laser welding process of German Dr. Fritsch is adopted.

which has high welding strength and is not easy to lose teeth.

High sharpness, labor-saving cutting, long service life.

High strength matrix, not easy to deform, stable cutting.

External diameter (mm)	Tooth height (mm)	Tooth high (mm)	Matrix aperture (mm)
600	10/12	4.5	35/50/60
700	10/12	4.5	35/50/60
800	10/12	4.5	35/50/60
900	10/12	4.5	35/50/60
1000	10/12	4.5	35/50/60
1100	10/12	4.5	35/50/60
1200	10/12	4.5	35/50/60



Dekton blade

Suitable for cutting rock slabs of various thicknesses and materials

High cost performance, high cutting efficiency meet different processing requirements.

The multi-layer structure of the cutter head can prevent cutting edge collapse, corner drop, tailing and other problems.

The saw blade moves steadily with high cutting accuracy.

External diameter (mm)	Tooth height (mm)	Tooth high (mm)	Matrix aperture (mm)
300	8/10	2.5	50/60
350	8/10	2.8	50/60
400	8/10	3.2	50/60

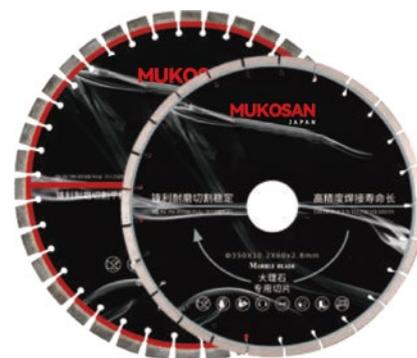


Stone cutting blade

Suitable for cutting marble, granite, quartz stone and other stones

Изготовлен из импортных алмазов и порошковых материалов
Высокопрочное полотно/тонкие зубья/острая режущая кромка
Шумопоглощающая конструкция снижает уровень шума при резке
Высокоточная сварка, исключающая потерю сегментов
Различные формы зубьев: U-образные, плоские, турбо и др.

Внешний диаметр (мм)	Высота сегмента (мм)	Толщина диска (мм)	Посадочный диаметр (мм)
300	10	2.8	50/60
350	10/15	3.2	50/60
400	10/15	3.5	50/60



Metal cutting blade

Applicable to metal cutting

Волнистая форма зубьев для высокой режущей способности
Экономит усилия при работе и имеет длительный срок службы
Конструкция с отверстиями для отвода тепла и снижения шума

Внешний диаметр (мм)	Высота сегмента (мм)	Толщина зуба (мм)	Толщина зуба (мм)
400	12	3.5	32



Cutting and grinding discs

High-quality tool for accurate and fast cutting of metal, stainless steel and other durable materials. Provide clean cut without overheating and notches, It has high wear resistance and durability. The perfect choice for Professionals



Cutting discs

Size
115x1.0x22.23
115x1.6x22.23
125x1.0x22.23
125x1.6x22.23
125x2.0x22.23
125x2.5x22.23
150x1.6x22.23
180x2.5x22.23
230x1.6x22.23
230x1.8x22.23
230x1.9x22.23
230x2.0x22.23
230x2.5x22.23
355x3.0x25.4 1
355x3.0x32.0 1
400x4.0x25.4 2
400x4.0x32.0 2

Grinding discs

Size
125x6.0x22.23
150x6.0x22.23
180x6.0x22.23
230x6.0x22.23
125x3.0x22.23
125x3.0x22.23
125x3.0x22.23
125x3.0x22.23

Circle petal tip

Size
125x22.23 P40 T29
125x22.23 P60 T29
125x22.23 P80 T29
125x22.23 P40 T29 Zirconia



HSS Annular cutter Series

Annular cutter with Weldon shank

HSS Annular cutter with Weldon shank, the diameter of shank is $\Phi 19.05\text{mm}$, which is suitable for two-point perpendicular positioning loading and unloading. It has a large clamping force and generality, Weldon shank, suitable for all types of magnetic drills like Hougen, Jancy, Nitto, Alfra, BDS, Ruko, Rotabroach...

Surface Treatment	bright surface
Cutting Dia	Cutting Depth
12-100mm	30mm
12-100mm	55mm
16-60mm	75mm
16-60mm	100mm



Surface Treatment	TiAlN
Cutting Dia	Cutting Depth
12-65mm	30mm
12-65mm	55mm



Surface Treatment	TiN
Cutting Dia	Cutting Depth
12-65mm	30mm
12-65mm	55mm



Surface Treatment	Cobalt
Cutting Dia	Cutting Depth
12-65mm	30mm
12-65mm	55mm

Annular cutter with one-touch shank



Surface Treatment	bright surface
Cutting Dia	Cutting Depth
12-65mm	30mm
12-65mm	55mm
18-50mm	75mm
18-50mm	100mm



Surface Treatment Cobalt TiN TiAlN

HSS annular cutter with one-touch shank, the diameter of shank is $\Phi 19.05\text{mm}$, which is suitable for Quick-change arbor connect or with 120° three-point positioning and arbor connector with 90° two-point perpendicular positioning. One-touch shank, suitable for all types of magnetic drills like Hougen, Jancy, Nitto, Alfra, BDS, Ruko, Rotabroach..

Annular cutter with FEIN Quick-in shank

HSS annular cutter with FEIN Quick-in Shank, the diameter of shank is $\Phi 18.0\text{mm}$, which is suitable for 90° distribution at 4 locating holes. FEIN Quick-in Shank, suitable for FEIN magnetic drills.

Surface Treatment	bright surface
Cutting Dia	Cutting Depth
12-65mm	35mm
12-65mm	55mm



Annular cutter with thread shank

HSS annular cutter with thread shank, cutter range with M18*6P1.5 thread. It is suitable for FEIN/HITACHI magnetic drills.

Surface Treatment	bright surface
Cutting Dia	Cutting Depth
12-50mm	55mm



T.C.T Annular cutter Series

T.C.T Annular cutter with Weldon shank

T.C.T Annular cutter with Weldon shank, the diameter of shank is $\Phi 19.05\text{mm}$, which is suitable for two-point perpendicular positioning loading and unloading. Weldon shank, suitable for all types of magnetic drills like Hougen, Jancy, Nitto, Alfra, DS, Ruko, Rotabroach...

Surface Treatment	bright surface
Cutting Dia	Cutting Depth
12-150mm	35mm
12-1050mm	55mm
18-135mm	75mm



T.C.T Annular cutter with one-touch shank

T.C.T annular cutter with one-touch shank, the diameter of shank is $\Phi 19.05\text{mm}$, which is suitable for Quick-change arbor connector with 120° three-point positioning and arbor connector with 90° two-point perpendicular positioning. One-touch shank, suitable for all types of magnetic drills like Hougen, Jancy, Nitto, Alfra, DS, Ruko, Rota broach...

Surface Treatment	bright surface
-------------------	----------------



T.C.T Annular cutter with FEIN Quick-in shank

T.C.T annular cutter with FEIN Quick-in Shank, the diameter of shank is $\Phi 18.0\text{mm}$, which is suitable for 90° distribution at 4 locating holes. FEIN Quick-in Shank, suitable for FEIN magnetic drills.

Surface Treatment	bright surface
Cutting Dia	Cutting Depth
12-65mm	35mm
12-65mm	55mm



T.C.T Annular cutter with thread shank

T.C.T annular cutter with thread shank, cutter range with M18*6P1.5 thread. It is suitable for FEIN/HITACHI magnetic drills.

Surface Treatment	bright surface
Cutting Dia	Cutting Depth
12-50mm	55mm



Accessories of Annular cutter

Center positioning pilot pin for annular cutter, it is used for positioning, cooling when cutting and pop up material core after cutting.

1. Locates the center of the hole
2. Allows coolant to flow down around the slug and to the cutting teeth
3. Ejects the slug at the end of the cut

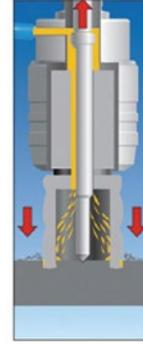


1. Центрирование



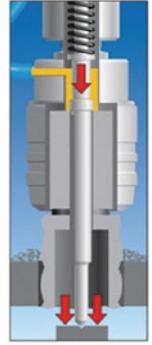
The pilot pin accurately centers cutter over area to be drilled.

2. заправка



During drilling, the pilot pin retracts and allows internal coolant to reach the cutting teeth.

3. впрыск



When hole is complete, the slug is automatically ejected from the cutter.

Adaptor of Annular cutter

Adaptor used on annular cutter, suitable for adapting and extending different shanks of annular cutter, matching chuck and magnetic drill. Meeting various adaptor and clamping demand in the market.



Tool holder

19mm Weldon shank/Morse taper B16



One-touch shank/Morse taper B16



FEIN Quick-IN shank/Morse taper B16



One-touch shank/19mm weldon



FEIN Quick-IN shank/19mmweldon



19mm Weldon shank/Morse taper B16



One-touch shank/Morse taper B16



FEIN Quick-IN shank/Morse taper B16



One-touch shank/19mm weldon



FEIN Quick-IN shank/19mmweldon



Morse Taper Arbor

Arbor with Morse taper for annular cutter, which is used for the connection of annular cutter with magnetic drills and other drilling facilities.

Tool holder

Morse taper No.5 19mm Weldon
100mm D.O.C. With internal cooling

Accessories



Morse taper No.3 32mm Weldon
50mm D.O.C. With internal cooling



Morse taper No.4 32mm Weldon
50mm D.O.C. With internal cooling



Morse taper No.3 32mm Weldon
75mm D.O.C. With internal cooling



Morse taper No.4 32mm Weldon
75mm D.O.C. With internal cooling



Morse taper No.5 32mm Weldon
75mm D.O.C. With internal cooling



Morse taper No.3 32mm Weldon
100mm D.O.C. With internal cooling



Morse taper No.4 32mm Weldon
100mm D.O.C. With internal cooling



Morse taper No.5 32mm Weldon
100mm D.O.C. With internal cooling



Morse taper No.2 thread
50mm D.O.C. With internal cooling



Morse taper No.3 thread
50mm D.O.C. With internal cooling



Carbide Rotary Burrs

Carbide burrs, metric, ISO7755 standard



Cylinder

A1225M06

Cutting Diameter	12mm
Cutting Length	25mm
Shank Diameter	6mm
Total Length	65mm



Cylinder with End Cutter

B1225M06

Cutting Diameter	12mm
Cutting Length	25mm
Shank Diameter	6mm
Total Length	65mm



Cylinder with Ball Top

C1225M06

Cutting Diameter	12mm
Cutting Length	25mm
Shank Diameter	6mm
Total Length	65mm
R	6mm



Sphere

D1210M06

Cutting Diameter	12mm
Cutting Length	10mm
Shank Diameter	6mm
Total Length	65mm



Elliptic Cylinder

E1220M06

Cutting Diameter	12mm
Cutting Length	20mm
Shank Diameter	6mm
Total Length	65mm
R	5mm



Arc Cylinder with Ball Top

F1225M06

Cutting Diameter	12mm
Cutting Length	25mm
Shank Diameter	6mm
Total Length	65mm
R	3mm



Arc Cylinder with Sharp Top

G1225M06

Cutting Diameter	12mm
Cutting Length	25mm
Shank Diameter	6mm
Total Length	65mm
R	30mm



Torch Cylinder

H1232M06

Cutting Diameter	12mm
Cutting Length	32mm
Shank Diameter	80mm
Total Length	2.5mm
R	6mm



Taper with Ball Top

L1228M06

Cutting Diameter	12mm
Cutting Length	28mm
Shank Diameter	6mm
Total Length	80mm
α	14°
R	3mm



Taper

M1225M06

Cutting Diameter	12mm
Cutting Length	25mm
Shank Diameter	6mm
Total Length	65mm
R	25°



Taper with 60 Degree Angle

J1210M06

Cutting Diameter	12mm
Cutting Length	10.4mm
Shank Diameter	6mm
Total Length	55mm
α	60°



Taper with 90 Degree Angle

K1206M06

Cutting Diameter	12mm
Cutting Length	6mm
Shank Diameter	6mm
Total Length	55mm
α	90°



Opposite Taper

N1213M06

Cutting Diameter	12mm
Cutting Length	13mm
Shank Diameter	6mm
Total Length	65mm
α	20°



Disc Type with Arc Edge

X1202M06

Cutting Diameter	12mm
Cutting Length	2mm
Shank Diameter	6mm
Total Length	45mm

MUKOSAN

J A P A N

Product catalogue 2025



+7 (701) 206-60-33
+7 (968) 710-91-64
+1 (442) 375-20-26



sales@mukosan.com



2 Higashikanda, Chiyoda City, Tokyo, Japan

Japan Isesaki Corporation