PROFESSIONAL PRODUCTS

BYCON

HANGZHOU BYCON INDUSTRY CO.,LTD

No. 88 Hengda Road, Daicun Town, Xiaoshan District, Hangzhou, Zhejiang 311261, P.R.China

Email:info@bycongrp.com www.bycongrp.com T:+86-571-82563775
F:+86-571-82563765

BYCON

2026 CATALOGUE

PROVIDE MACHINERY & DIAMOND TOOLS

PRECISION ENGINEERING

INTEGRATED TOOLS AND SOLUTIONS DESIGNED FOR DEMANDING JOBSITES

DELIVERING RELIABLE PERFORMANCE AND LASTING VALUE.

DRILLING SOLUTION
CORE DRILL MOTOR / CORE DRILL RIG

SAWING SOLUTION
CONCRETE SAW / FLOOR SAW

CONCRETE SURFACE PREPARATION
FLOOR GRINDER / INDUSTRIAL VACUUM CLEANER

PETROL TOOLS
PETROL POST DRIVER
PETROL BREAKER
PETROL DRILL MOTOR

DIAMOND TOOLS
DIAMOND CORE BITS / DIAMOND BLADES

BUILD AN EFFICIENT SOLUTION

HANGZHOU BYCON INDUSTRY CO.,LTD

FROM DRILLING TO CUTTING
FROM POWER TO DUST CONTROL
BYCON DELIVERS A COMPLETE WORK SOLUTION

PRECISION EFFICIENCY

START HERE

Find the Right Equipment
Build an Efficient Solution



COMPLETE SYSTEM

BYCON GROUP

BYCON was founded in 2015, evolving from a three-person team into a high-end engineering equipment manufacturer integrating R&D, production, and sales. Specializing in drilling, cutting, and grinding equipment and accessories, BYCON has developed multiple sub-brands, including Thrall, DEKOLA, DRY BIRD, BETTERI, and NUMBFISH.

Driven by innovation and quality, BYCON holds more than 84 patents and has successfully expanded into global markets, establishing distributors and branches worldwide. The company continues to position itself as a technology leader and benchmark brand in the engineering equipment industry.

Development Strategy: Building a global brand ecosystem.
Strategic Objective: To establish global subsidiaries under the BYCON brand.

“BRAVE
YOUNG
NON-STOP
INNOVATION
COMMUNICATION!
PEOPLE-CENTERED
QUALITY FIRST !”









ONE GROUP
MULTIPLE SPECIALIZED BRANDS

Built around professional construction tools, BYCON continues to develop a diverse brand portfolio covering different product categories and market needs. Each brand has a clear positioning and specialized focus, together forming a comprehensive and professional product ecosystem.



BYCON is the core brand of the group, specializing in professional construction tools and jobsite solutions. Its portfolio covers drilling, cutting, surface preparation, and related equipment and accessories, delivering efficient and reliable solutions for professional users.

DRY BIRD specializes in micro-percussion technology and related products, focusing on efficient dry drilling and micro-percussion drilling solutions for demanding concrete applications.

DEKOLA is dedicated to the Chinese domestic market, providing professional, efficient, and reliable construction tools and solutions tailored to local user needs.

BETTERI focuses on e-commerce markets, combining flexible product development with market-oriented solutions to meet diverse online consumer needs.

THRALL specializes in petrol-powered tools for professional construction and outdoor applications, delivering powerful performance and reliable operation for demanding jobsites.

NUMBFISH focuses on battery-powered tools, exploring next-generation solutions built around efficiency, portability, and low-maintenance operation.

CONTENTS

01 CORE DRILL MOTOR
BYCON CORE DRILL MOTOR GENERAL LIST
MICRO PERCUSSION DRILL MOTOR
DMP SERIES DRILL MOTOR
DE SERIES DRILL MOTOR
CORE DRILL MOTOR ACCESSORY

25 CORE DRILL RIG
DSP SERIES DRILL RIG
HULK SERIES DRILL RIG
DBS SERIES DRILL RIG
CORE DRILL RIG ACCESSORY

39 SAWING SERIES
WS-600 WALL SAW
HSP□460 CUT OFF SAW
CSP□455 CHAINSAW
RSP□430 RING SAW

49 FLOOR GRINDER
FLOOR GRINDER
DUST COLLECTOR

63 FLOOR SAW

PETROL TOOLS 67
PETROL POST DRIVER
PETROL BREAKER
PETROL DRILL MOTOR

DIAMOND CORE BITS 75
WET CORE BITS
MICRO□PERCUSSION DRY CORE BITS
DRY CORE BIT
ACCESSORY

DIAMOND BLADES 93
STR TECHNOLOGY
UNIVERSAL DIAMOND BLADE
WALL SAW BLADE
SILENT DIAMOND BLADE
CONCRETE DIAMOND BLADE
ASPHALT DIAMOND BLADE
TILE DRY CUTTING BLADE
CUT AND GRIND BLADE
RINGSAW BLADE

GRINDING TOOLS 105
10'' GRINDING HEAD
GRINDING WHEEL
GRINDING SHOES
POLISHING PAD
PCD GRINDING SHOES
PCD CUP WHEEL

BYCON

CORE DRILL MOTOR



BYCON CORE DRILL MOTOR GENERAL LIST

Bycon holds three series drill motors: DB micro-percussion drill motor, DMP hand held drill motor, DMP rig mounted type drill motor.
DB Micro percussion drill motor series is the solution for dry drilling applications in reinforced concrete, High efficiency!

Wet drilling
Dry drilling
Reinforced concrete
Micro-prercussion mode
Brushless motor

DB MICRO PERCUSSION SERIES



BRUSHLESS

DB-132

RATED POWER 1500W

132mm



DB-162P

RATED POWER 2200W

132mm

162mm



DB-162D

RATED POWER 2200W

132mm

162mm



BRUSHLESS

DB-202P

RATED POWER 2600W

162mm

202mm



BRUSHLESS

DB-202D

RATED POWER 2600W

162mm

202mm



DB-352

RATED POWER 3300W

252mm

302mm

DMP SERIES



DMP-52P

RATED POWER 1800W

52mm



DMP-52D

RATED POWER 1800W

52mm



DMP-132P

RATED POWER 1800W

132mm

102mm



DMP-132D

RATED POWER 1800W

132mm

102mm



DMP-162P

RATED POWER 2200W

162mm

132mm



DMP-162D

RATED POWER 2200W

162mm

132mm



BRUSHLESS

DMP-202BP

RATED POWER 2600W

202mm

162mm



BRUSHLESS

DMP-202BD

RATED POWER 2600W

202mm

162mm



BRUSHLESS

DMP-252B

RATED POWER 3000W

252mm

DMP SERIES



DMP-252

RATED POWER 2600W

252mm



DMP-352

RATED POWER 3300W

352mm



DMP-500

RATED POWER 3500W

500mm

DE SERIES



BRUSHLESS

DE-05

RATED POWER 3000W

162mm



BRUSHLESS

DE-08

RATED POWER 3700W

202mm



READY FOR EVERY JOBSITE

From dry drilling to wet drilling, from handheld operation to rig-mounted applications, BYCON provides solutions for every jobsite challenge.

- CONSTRUCTION SITES
- INDOOR PROJECTS
- ROAD & BRIDGE
- CONCRETE WORK

MICRO-PERCUSSION DRILL MOTOR

Featured Micro-Percussion mode can be turned on and off using the mode select ring on the spindle. With it on, the built-in percussion hammering mechanism will let the whole spindle with drill bit move forward and backward on the axis of rotation. It will significantly increase the drill speed and efficiency when core drilling.

DB-132 DB-162D DB-162P DB-202D DB-202P DB-352





DRY BIRD



ACCESORIES

1 x Depth gauge measuring rod
1 x Wrench: 22 & 24mm
1 x instruction manual book
1 x maintenance manual book
1 x Anti-vibration adjustable handle
1 x SDS Plus pilot drill bit (8x150mm)
1 x Adapter M18x2.5 to SDS Plus M16
1 x Blow mould case

BRUSHLESS DB-132 MICRO-PERCUSSION DRILL MOTOR

This type of motor is the most relevant and necessary for

- electricians / air conditioner installers
- heating and gas installers
- as well as for installers of video surveillance systems and others

STANDARD EXTRACTOR ADAPTOR

Standard adaptor in package to help dry drill with M16 electric socket drill bits.



Dust extraction adapter



SDS Drill bit



DRILL WITHOUT DUST

Installation with 38L vacuum cleaner, it will dry drill without dust. Recommended core bit for socket boxes Φ68, 72 and 82 mm diameters range for DB-132.





BRUSHLESS

DB-132

Model	DB-132	
Art No.	1223132	
Power	1500 W	
Voltage	230 V	110 V
Current	10 A	15 A
N.W	3.7 KG	
Frequency	50-60 HZ	
Max Drilling Diameter	132 MM	
No-Load Speed	1500 / 3000 RPM	
No-Load Impact Speed	24000 / 48000 BPM	
Spindle Thread	M18	





BRUSHLESS

DB-202P

Model	DB-202P
Art No	1223202
Power	2600 W
Voltage	230 V 110~120 V
Current	14 A 25 A
N.W	6.05 KG
Frequency	50-60 HZ
Max.Drilling Diameter	202 MM
No-Load Speed	700 / 1550 RPM
No-Load Impact Speed	18200 / 40300 BPM
Spindle Thread	1-1/4" UNC & 1/2G
1,2 Gear Drilling Diameter	202 / 102 MM
Compatible Stands	DBS-162
Packing Size	635 x 460 x 215 MM



BRUSHLESS

DB-202D

Model	DB-202D
Art No	1224202
Power	2600 W
Voltage	230 V 110~120 V
Current	14 A 25 A
N.W	6.05 KG
Frequency	50-60 HZ
Max.Drilling Diameter	202 MM
No-Load Speed	700 / 1550 RPM
No-Load Impact Speed	18200 / 40300 BPM
Spindle Thread	1-1/4" UNC & 1/2G
1,2 Gear Drilling Diameter	202 / 102 MM
Compatible Stands	DBS-162
Packing Size	635 x 460 x 215 MM



HAND-HELD

DB-162P

Model	DB-162P
Art No.	1223162
Power	2200 W
Voltage	230 V 110~120 V
Current	10 A 15 A
N.W	6.5 KG
Frequency	50-60 HZ
Max Portable Drilling Diameter	162 MM
Max Drilling Diameter & Stand	202 MM
No-Load Speed	640/1420 RPM
No-Load Impact Speed	16640/36920 BPM
Spindle Thread	1-1/4" UNC & 1/2"G
1,2 gear drilling diameter	162 / 76 MM
1,2 gear drilling diameter with stand	202 / 102 MM
Compatible stand	DSP-162 & DSP-252



HAND-HELD

DB-162D

Model	DB-162D
Art No.	1224162
Power	2200 W
Voltage	230 V 110~120 V
Current	10 A 15 A
N.W	6.5 KG
Frequency	50-60 HZ
Max Portable Drilling Diameter	162 MM
Max Drilling Diameter & Stand	202 MM
No-Load Speed	640 / 1420 RPM
No-Load Impact Speed	16640 / 36920 BPM
Spindle Thread	1-1/4" UNC & 1/2"G
1,2 gear drilling diameter	162/76 MM
1,2 gear drilling diameter with stand	202 / 102 MM
Compatible stand	DSP-162 & DSP-252



BYCON | DRY BIRD

MICRO-PERCUSSION DRILL MOTOR

DB-352

Heavy duty drill up to 352mm, equiped with wet and dry,
drilling in Reinforced Concrete / Concrete / Stones / Asphalt / Masonry / Bricks.

- MICRO-PERCUSSION MODE
- WET/DRY OPERATION
- THREE SPEEDS
- LCD DISPLAY







BRUSHLESS

DB-352

Model	DB-352	
Art No	1223352	
Power	3300 W	
Voltage	230 V	110~120 V
Current	16 A	25 A
N.W	18 KG	
Frequency	50-60 HZ	
Max.Drilling Diameter	302 MM	
No-Load Speed	512 / 1062 / 1576 RPM	
No-Load Impact Speed	12288 / 25488 / 37824 BPM	
Spindle Thread	1-1/4" UNC	
1,2,3 Gear Drilling Diameter	302 / 202 / 102 MM	
Compatible Stands	DBS-352	
Packing Size	755 x 200 x 275 MM	

SMART LCD DISPLAY



DMP SERIES DRILL MOTOR

The diamond core drill motor is for the intended purpose of diamond core drilling of concrete, masonry, stone and similar materials. Concrete core drill motor ideal for professional drilling applications on account of its easy operation and robust, sturdy construction. It has a different operating method based on the diameter of concrete core you would like to take.

DMP-52 | DMP-132 | DMP-162 | DMP-202B | DMP-252 | DMP-352 | DMP-500





HAND-HELD

DMP-52P

Model	DMP-52P
Art No.	1123052
Input Power	1800 W
Voltage	230 V 110~120 V
Current	9 A 15 A
N.W	5.6 KG 5.65 KG
Frequency	50-60 HZ
Max Portable Drilling Diameter	52 MM
Max Drilling Diameter & Stand	82 MM
Speed	2500 RPM
Spindle Thread	1/2" BSP
Compatible Stands	DSP-162 & DSP-252
Packing Size	635 x 460 x 215 MM



HAND-HELD

DMP-52D

Model	DMP-52D
Art No.	1124052
Input Power	1800 W
Voltage	230 V 110~120 V
Current	9 A 15 A
N.W	5.6 KG 5.65 KG
Frequency	50-60 HZ
Max Portable Drilling Diameter	52 MM
Max Drilling Diameter & Stand	82 MM
Speed	2500 RPM
Spindle Thread	1/2" BSP
Compatible Stands	DSP-162 & DSP-252
Packing Size	635 x 460 x 215 MM



HAND-HELD

DMP-132P

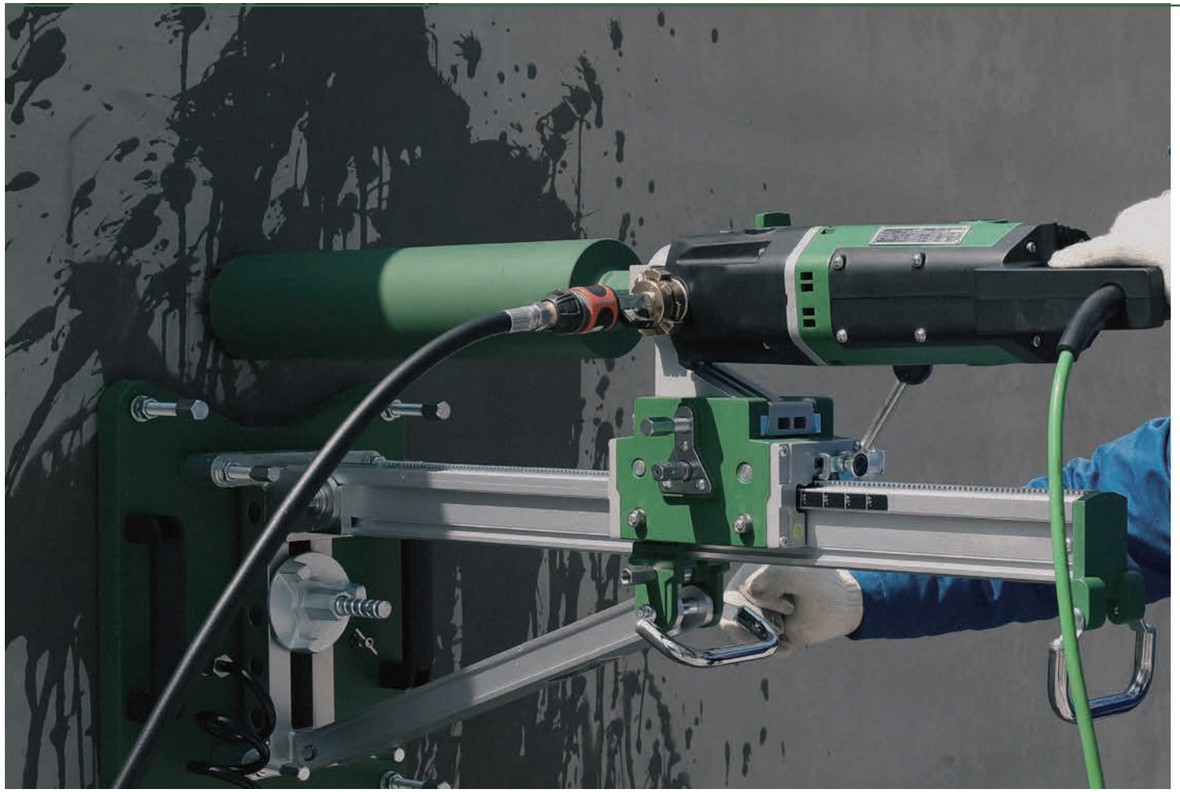
Model	DMP-132P
Art No.	1123132
Input Power	1800 W
Voltage	230 V 110~120 V
Current	9 A 15 A
N.W	6.8 KG 6.85 KG
Frequency	50-60 HZ
Max Portable Drilling Diameter	132 MM
Max Drilling Diameter & Stand	162 MM
No-Load Speed	650 / 1300 / 2600 RPM
Spindle Thread	1-1/4" UNC & 1/2"G
1,2,3 gear drilling diameter	132 / 76 / 35 MM
1,2,3 gear drilling diameter with stand	162 / 92 / 52 MM
Compatible stand	DSP-162 & DSP-252
Packing size	635 x 460 x 215 MM



HAND-HELD

DMP-132D

Model	DMP-132D
Art No.	1124132
Input Power	1800 W
Voltage	230 V 110~120 V
Current	9 A 15 A
N.W	6.8 KG 6.85 KG
Frequency	50-60 HZ
Max Portable Drilling Diameter	132 MM
Max Drilling Diameter & Stand	162 MM
No-Load Speed	650 / 1300 / 2600 RPM
Spindle Thread	1-1/4" UNC & 1/2"G
1,2,3 gear drilling diameter	132 / 76 / 35 MM
1,2,3 gear drilling diameter with stand	162 / 92 / 52 MM
Compatible stand	DSP-162 & DSP-252
Packing size	635 x 460 x 215 MM





HAND-HELD

DMP-162P

Model	DMP-162P
Art No.	1123162
Input Power	2200 W
Voltage	230 V 110~120 V
Current	10 A 15 A
N.W	7.5 KG 7.7 KG
Frequency	50-60 HZ
Max Portable Drilling Diameter	162 MM
Max Drilling Diameter & Stand	202 MM
No-Load Speed	650 / 1300 / 2600 RPM
Spindle Thread	1-1/4" UNC & 1/2"G
1,2,3 gear drilling diameter	162 / 82 / 42 MM
1,2,3 gear drilling diameter with stand	202 / 102 / 62 MM
Compatible stand	DSP-162 & DSP-252
Packing size	635 x 460 x 215 MM



HAND-HELD

DMP-162D

Model	DMP-162D
Art No.	1124162
Input Power	2200 W
Voltage	230 V 110~120 V
Current	10 A 15 A
N.W	7.8 KG 7.9 KG
Frequency	50-60 HZ
Max Portable Drilling Diameter	162 MM
Max Drilling Diameter & Stand	202 MM
No-Load Speed	650 / 1300 / 2600 RPM
Spindle Thread	1-1/4" UNC & 1/2"G
1,2,3 gear drilling diameter	162 / 82 / 42 MM
1,2,3 gear drilling diameter with stand	202 / 102 / 62 MM
Compatible stand	DSP-162 & DSP-252
Packing size	635 x 460 x 215 MM



BRUSHLESS

DMP-202BP

Model	DMP-202BP
Art No	1123202
Power	2600W
Voltage	230V 110~120V
Current	14A 25A
N.W	6.65KG
Frequency	50-60HZ
Max Drilling Diameter	202MM
Speed	650/1450/3150RPM
Spindle Thread	1-1/4" UNC & 1/2" G
1,2,3 Gear Drilling Diameter	202/102/52MM
Compatible Stands	DSP-162& DSP-252
Packing Size	635 x 215 x 460MM



BRUSHLESS

DMP-202BD

Model	DMP-202BD
Art No	1124202
Power	2600W
Voltage	230V 110~120V
Current	14A 25A
N.W	6.65KG
Frequency	50-60HZ
Max Drilling Diameter	202MM
Speed	650/1450/3150RPM
Spindle Thread	1-1/4" UNC & 1/2" G
1,2,3 Gear Drilling Diameter	202/102/52MM
Compatible Stands	DSP-162& DSP-252
Packing Size	635 x 215 x 460MM

DMP-252B

recommended core drill rig



DMP-252B & HULK-252



DMP-252 & HULK-252S



BRUSHLESS

DMP-252B

Model	DMP-252B
Art No	1124252
Power	3000 W 2500 W
Voltage	230 V 110~120 V
Current	16 A 25 A
N.W	6.8 KG
Frequency	50-60 HZ
Max.Drilling Diameter	252 MM
Speed	610 / 1320 / 2750 RPM
Spindle Thread	1-1/4" UNC
1,2,3 Gear Drilling Diameter	252 / 132 / 76 MM
Compatible Stands	HULK-252 & HULK-252S
Packing Size	550 x 155 x 385 MM



RIG-MOUNTED DRILL MOTOR

The robust rig-mounted drill motors are designed for handling tougher mid/heavy-duty tasks with high efficiency, meanwhile the whole series are equipped with smart LCD display for showing the real-time working conditions of the machine.

DMP-252 / 352 / 500

Model	DMP-252	DMP-352	DMP-500
Art No.	1123252	1123352	1123500
Input Power	2600 W	3300 W	3500 W
Voltage	230 V 110~120 V	230 V 110~120 V	230 V 110~120 V
Current	12 A 20 A	16 A 25 A	16 A 25 A
N.W	12.5 KG 12.7 KG	13.5 KG 13.7 KG	14 KG 14.2 KG
Frequency	50-60 HZ	50-60 HZ	50-60 HZ
Max Drilling Diameter	252 MM	402 MM	502 MM
No-Load Speed	560 / 1120 / 1680 RPM	350 / 700 / 1100 RPM	250 / 500 / 750 RPM
Spindle Thread	1-1/4UNC	1-1/4UNC	1-1/4UNC
1,2,3 gear drilling diameter	252 / 132 / 82 MM	402 / 202 / 102 MM	502 / 302 / 162 MM
Stand for choice	DSP-252	DSP-352 & DSP-2000	DSP-500 & DSP-1500
Packing size	635 x 460 x 215 MM	635 x 460 x 215 MM	635 x 460 x 215 MM

SMART LCD DISPLAY



DMP-252/352/500

recommended core drill rig



DMP-252 & DSP-252



DMP-352 & DSP-352



DMP-500 & DSP-500



DE SERIES BRUSHLESS DRILL MOTOR



BRUSHLESS

DE-05

Model	DE-05	
Art No	DE23125	
Power	3000 W	
Voltage	230 V	110~120 V
Current		25 A
Spindle Thread	1-1/4" UNC & 1/2"G	
N.W	4.3 KG	
Frequency	50 Hz~60 Hz	
Max. Drilling Diameter	162 / 82 MM	
No-Load Speed	800 / 1800 RPM	



BRUSHLESS

DE-08

Model	DE-08	
Art No	DE23200	
Power	3700 W	
Voltage	230 V	110~120 V
Current		25 A
Spindle Thread	1-1/4" UNC & 1/2"G	
N.W	6.3 KG	
Frequency	50 Hz~60 Hz	
Max. drilling diameter	202 MM	
No-Load Speed	1150 RPM	
Compatible Stands	HULK-252 & HULK-252S	

RECOMMENDED CORE DRILL RIG

DMP-132P & DSP-162



DMP-132D & DSP-162



DMP-162P & DSP-162



DMP-162D & DSP-162



RECOMMENDED CORE DRILL RIG

DMP-202BP & DSP-162



DMP-202BD & DSP-162



DMP-252B & DSP-352



DE-08 & HULK-252



RECOMMENDED CORE DRILL RIG

DB-162P & DBS-162



DB-162D & DBS-162



DB-202P & DBS-162

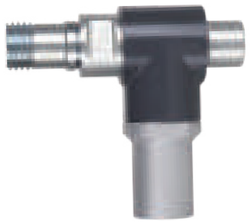


DB-202D & DBS-162



CORE DRILL MOTOR ACCESSORY

DUST EXTRACTION ADAPTER



DUST EXTRACTION ADAPTER

Used with a vacuum cleaner, the drill connect to a vacuum cleaner for dry drilling, with a side connection for dust extraction.

- M18 F to 1-1/4 "UNC M
- G1/2 F to 1-1/4 "UNC M



DUST EXTRACTION ADAPTER

Used with a vacuum cleaner, the drill connect to a vacuum cleaner for dry drilling, with a side connection for dust extraction.

- M16 F to M16 M
- M22 F to M16 M
- M18 F to 1-1/4" UNC M
- M22 F to 1-1/4" UNC M
- M18 x 2.5 F to M16 M
- M18 x 2.5 F to 1-1/4" UNC M
- 1-1/4" UNC F to 1-1/4" UNC M



DUST EXTRACTION ADAPTER

Used with a vacuum cleaner, the drill connects with dry electrician's drill for dust extraction. Side connection for vacuum cleaner, compatible with centering pin.

- M18 F to M16 M
- M22 F to M16 M
- M16 G to M16 M



ADAPTOR

Used with a vacuum cleaner, the drill connects to a dry electrician's drill, with a built-in SDS Plus slot for easy bit changes.

- M18 F to 1-1/4 "UNC M
- G1/2 F to 1-1/4 "UNC M



ADAPTOR

Used with a vacuum cleaner, the drill connects to a dry electrician's drill, with a built-in SDS Plus slot for easy bit changes.

- M18 F to M16 M



QUICK-RELEASE ADAPTER

Easy to change drill bit.

- 1-1/4" UNC F to 1-1/4" UNC M
- 1-1/4" UNC F to G1/2" M



WET DRILL ADAPTER

Used with DB-132 for wet drilling.

- M18 F to BSP 1/2 F



CENTERING PLATE

Suitable for core bit diameters ranging from 16mm to 202mm.



DRILL BIT LIFTING HANDLE

Used with drill bits, making it easy to lift the drill bit.

CORE DRILL MOTOR ACCESSORY

DRILL BIT LOCATOR



DRILL BIT LOCATOR

Bayonet coupling for drill bit position.

- 300 mm
- 450 mm



DRILL BIT LOCATOR

G1/2 connector, used for drill bit positioning.

- 300 mm
- 350 mm
- 400 mm
- 450 mm



CENTERING PIN

Positioning for electrician's drill usage.

- 107 mm
- 117 mm



SLURRY COLLECTING RING & SEAING PVC

Used in conjunction with a vacuum cleaner.

- Ø 100 mm
- Ø 150 mm



CORE BITS PULLER

Remove and replace the drill bit.

- M18 F to M16 M



DEPTH GAUGE

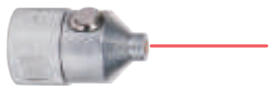
- SW 6×250 mm



SDS DRILL BIT

Used with DB-132 for wet drilling.

- 8×150 mm
- 8×160 mm



DRILL LASER LOCATOR

Laser guide for precise drilling positioning.

- 1-1/4 "UNC

CORE DRILL RIG

Every precise drilling operation begins with reliable support.
Built around stability and control, BYCON drilling rigs help professionals achieve higher efficiency and superior drilling results.



DRILL RIG DSP SERIES

Easy operation, position precision and fastness which is suitable for most of brands' motors installation.





DSP-162



DSP-252



DSP-352



DSP-500



DSP-1500



DSP-2000

DSP-162 / 252 / 352 / 500 /1500 / 2000

Model	DSP-162	DSP-252	DSP-352	DSP-500	DSP-1500	DSP-2000
Art No.	1070162	1070252	1070352	1070500	10701500	10702000
Max Drilling Diameter	202 MM	252 MM	402 MM	502 MM	352 MM	352 MM
Column	60 x 62 x 850 MM	60 x 62 x 900 MM	80 x 75 x 1000 MM	80 x 75 x 1000 MM	80 x 75x1500 MM	80 x 75 x 2000 MM
Travel length	510 MM	580 MM	650 MM	650 MM	1100 MM	1600 MM
Motor installing	Ø60MM Bracket	Ø60MM Bracket 60MM Motor plate	60MM Motor plate	110MM Motor plate	60MM Motor plate	60MM Motor plate
N.W	11.5 KG	13.5 KG	18. 5 KG	19.5 KG	25 KG	25 KG
Packing size	990 x 265 x 410 MM	1045 x 230 x 45 MM	1145 x 315 x 460 MM	1145 x 315 x 460 MM	2145 x 315 x 460 MM	2170 x 460 x 390 MM
Wheels kits	Without wheels	Wheels kits optional	Standard	Standard	Standard	Standard

CEILING RIG DSP-3000

This special rig is used for ceiling and horizontal vertical drilling.

The rig can be lift up and down range from 1.7 meters to 3 meters.





“ONE FOR ALL” CRANK HANDLE



180° ARBITRARY ADJUSTMENT



HIGH STRENGTH RUBBER 360° UNIVERSAL WHEEL

DSP-3000

Model	DSP-3000
Art No.	10703000
Max Ceiling Drilling	Ø200 MM
Outer Tube	50 x 50 x 1700 MM
Inner Tube	40 x 40 x 1700 MM
Max. Horizontal Drilling	Ø200 MM
Travel length	1700-3000 MM
Mounting	60MM Motor plate
	Ø60 Bracket
Packing size	2290 x 580 x 670 MM

DRILL RIG HULK SERIES

Eight steel wheels, more reliable positioning and more wear-resistant
The rack lock teeth are highly rigid and more convenient to adjust
Light weight, easier to transport

HULK-252 **HULK-252S**







HULK-252



HULK-252S







HULK-252

Model	HULK-252
Art No	1071252
Max.Drilling Diameter	252 MM
Column	40 x 40 x 750 MM
Travel Length	500 MM
N.W	8.75 KG
Packing Size	870 x 238 x 335 MM

HULK-252S

Model	HULK-252S
Art No	1072252
Max.Drilling Diameter	252 MM
Column	40 x 40 x 900 MM
Travel Length	650 MM
N.W	9.75 KG
Packing Size	1020 x 238 x 335 MM

DRILL RIG DBS SERIES

Versatile drill rigs with anti-vibration handle for micro percussion and common core drills.
Equipped with vacuum base suitable for vacuum sucker fixing or anchor fixing.

DBS-162 **DBS-352**



DRILL RIG DBS SERIES









DBS-162

Model	DBS-162
Art No.	1071162
Max Drilling Diameter	252 MM
Column	40 x 40 x 850 MM
Travel length	580 MM
Motor installing	Ø60MM Bracket
N.W	16.75 KG
Packing size	1037.5 x 282 x 401 MM
Wheels kits	Optional



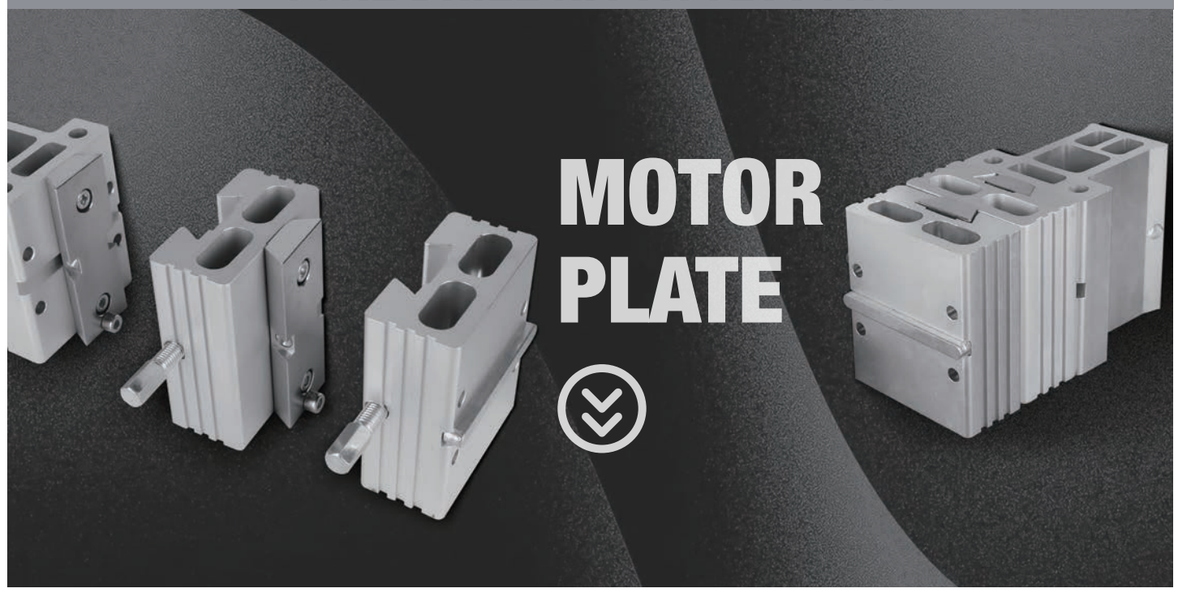


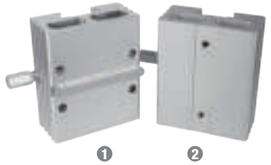


DBS-352

Model	DBS-352
Art No.	1071352
Max Drilling Diameter	352 MM
Column	50 x 50 x 1000 MM
Travel length	670MM
Motor installing	60mm Motor plate
N.W	23.45KG
Packing size	1165 x 327 x 519 MM
Wheels kits	Standard

CORE DRILL RIG ACCESSORY





50 MM SPACER

Connects the drill motor to the drill rig

- 1: with key groove
- 2: with dovetail groove



60 MM MOTOR PLATE

Connects the drill motor to the drill rig

- 1: w/o dovetail groove
- 2: with dovetail groove



100 MM MOTOR PLATE

Connects the drill motor to the drill rig,

- w/o dovetail groove



110 MM MOTOR PLATE

Connects the drill motor to the drill rig

- 1: w/o dovetail groove
- 2: with dovetail groove



DOVETAIL JOINT

Dovetail joint design enables quick and secure connection between motor plates.

CORE DRILL RIG ACCESSORY



VACUUM PLATE

Used with a vacuum pump, quickly and securely adheres to various flat surfaces, ensuring that workpieces remain stable and immobile during drilling operations.



VACUUM PUMP (DVP-85)

The vacuum pump, used in conjunction with the vacuum plate, ensures stability and reliability during operations.

• Power	430 W
• Weight	21.3 KG
• Air Flow	113 L/MIN
• Max Pressure	-0.09 MPA
• Speed	1440 PRM/1720 PRM



LIFT COLUMN

Ceiling drill accessory. Range 1.7-3m

- 40mm outer tube, 30mm inner tube.
- 50mm outer tube, 40mm inner tube.



ANCHOR PUNCH



DROP-IN ANCHOR

SETTING TOOLS



SETTING TOOLS (A)

- M12×185mm
- M12×130mm



SETTING TOOLS (B)

- M12×185mm
- M12×250mm



SETTING TOOLS (C)

- 1/2" -13X6"

CORE DRILL RIG ACCESSORY

SETTING TOOLS



SETTING TOOLS (D)

- M12×185mm
- M12×130mm



A+DROP-IN ANCHORS SET

- M12×185mm
- M12×130mm



B+DROP-IN ANCHORS SET

- M12×185mm
- M12×250mm

ACCESSORY BOX

Includes essential tools and accessories for drilling, installation, and maintenance, providing convenient storage and easy transportation for improved jobsite efficiency.



ACCESSORY BOX

1. Hammer x1
2. Setting tool , M12
3. 50 High Quality Drop in Anchors
4. 16mm SDS drill bit
5. Lock down anchor and rod
6. earplug
7. cleaning cloth
8. rule
9. Air blow/dropper
10. suitcase inner size :380*280*100mm





ANCHOR ROD

- M12×185
- M12×130
- M12×250
- 1/2-13UNC×215

SAWING SERIES

Our new concrete sawing series, featuring wall saw, cut off saw, chainsaw and ring saw. The brushless motor technology in the cut off saw, chainsaw and ring saw offers stronger power, higher efficiency and longer lifespan. Perfect for wall and deep cuts, enhancing your work efficiency.

WS-600 **HSP-460** **CSP-455** **RSP-430**

HSP-406

CSP-455

WS-600

RSP-430



WALL SAW

3500W Power

2500RPM No-Load Speed



WS-600

Art No.	1380010001
Power	3500 W
Voltage	220-240 V
Current	16 A
Frequency	50-60 HZ
No-Load Speed	2500 RPM
Cutting Depth	240 MM
Blade Diameter	Ø600 MM
N.W	30 KG

WS-600 WALL SAW

Designed for large-scale concrete cutting and structural modification, this wall saw delivers powerful performance, precise guidance, and stable operation. It provides deep and efficient straight cutting for wall removal, renovation, and heavy-duty construction applications.

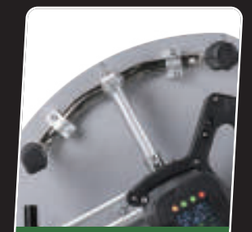
PRECISION ENGINEERED DETAILS



SAFETY LOCK & THROTTLE CONTROL



EFFORTLESS RECOIL STARTER



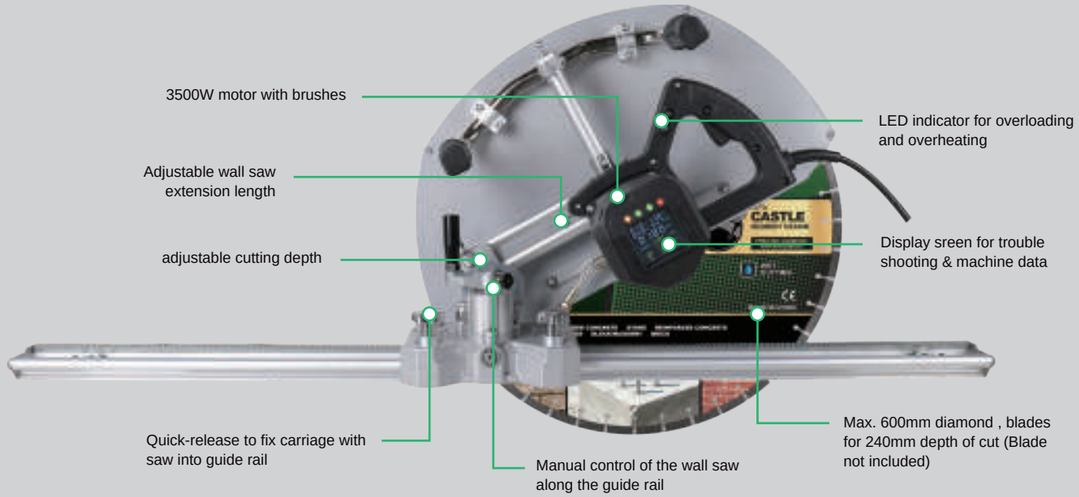
HIDDEN DUAL ANTI-VIBRATION SPRINGS



REINFORCED STEEL IMPACT BARREL

PRODUCT FUNCTION INTRODUCTION

*** The wall saw has a quick-release design, allowing it to easily detach from the guide rail and be used as a handheld saw, making it suitable for more situations.**





HSP-460 CUT OFF SAW

Engineered for demanding construction environments, this cut-off saw delivers fast, stable, and precise cutting performance. With an efficient power system and ergonomic design, it is ideal for professional applications including concrete, stone, and road cutting.

PRECISION ENGINEERED DETAILS



SAFETY LOCK & THROTTLE CONTROL



EFFORTLESS RECOIL STARTER



HIDDEN DUAL ANTI-VIBRATION SPRINGS



REINFORCED STEEL IMPACT BARREL



CUT OFF SAW

3300W Power

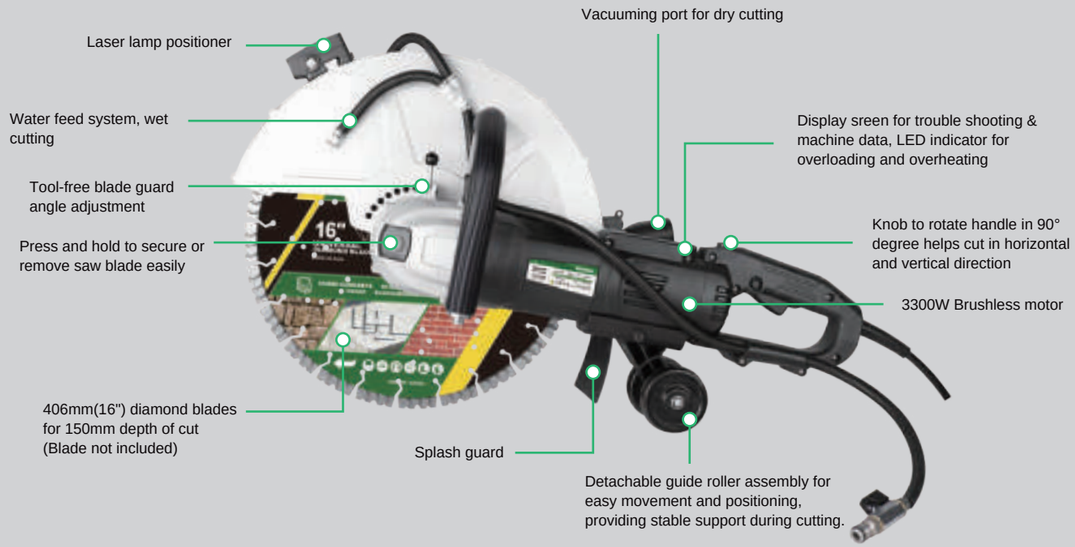
3900RPM No-Load Speed



HSP-406

Art No.	1340010001
Power	3300 W
Voltage	220-240 V
Frequency	50-60 HZ
No-Load Speed	3900 RPM
Cutting Depth	150 MM
Blade Diameter	Ø406 MM
N.W	9.5 KG

PRODUCT FUNCTION INTRODUCTION





CSP-455 CHAINSAW

Featuring advanced chain cutting technology, this concrete chainsaw provides a flexible and efficient solution for challenging jobsite conditions. With deep cutting capability and precise control, it is ideal for wall grooving, partial demolition, and specialized cutting applications.

PRECISION ENGINEERED DETAILS



SAFETY LOCK & THROTTLE CONTROL



EFFORTLESS RECOIL STARTER



HIDDEN DUAL ANTI-VIBRATION SPRINGS



REINFORCED STEEL IMPACT BARREL



CHAINSAW

3300W Power

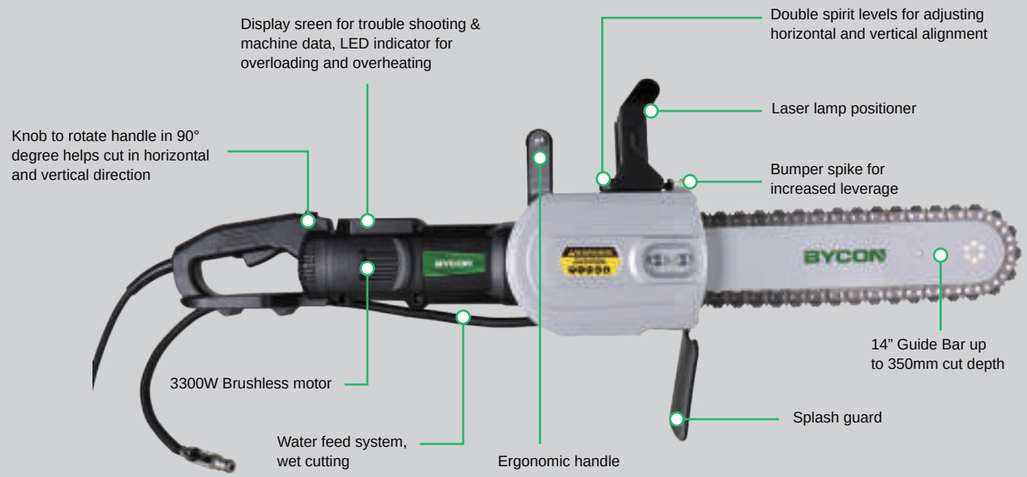
11000RPM No-Load Speed



CSP-455

Art No.	1360020001
Power	3300 W
Voltage	220-240 V
Current	16 A
Frequency	50-60 HZ
No-Load Speed	11000 RPM
Guide Bar Length	14”
Cutting Depth	350 MM
N.W	9.5 KG

PRODUCT FUNCTION INTRODUCTION





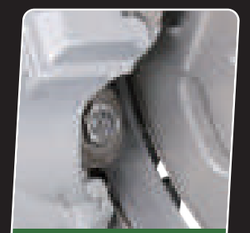
RSP-430 RING SAW

Combining an innovative ring blade design with powerful performance, this ring saw delivers deeper and more precise concrete cutting. Its compact structure and excellent control make it ideal for openings, wall cutting, and complex construction applications.

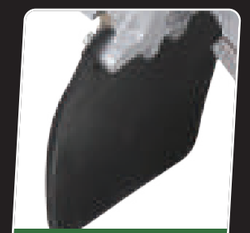
PRECISION ENGINEERED DETAILS



SAFETY LOCK & THROTTLE CONTROL



EFFORTLESS RECOIL STARTER



HIDDEN DUAL ANTI-VIBRATION SPRINGS



REINFORCED STEEL IMPACT BARREL



RING SAW

3300W Power

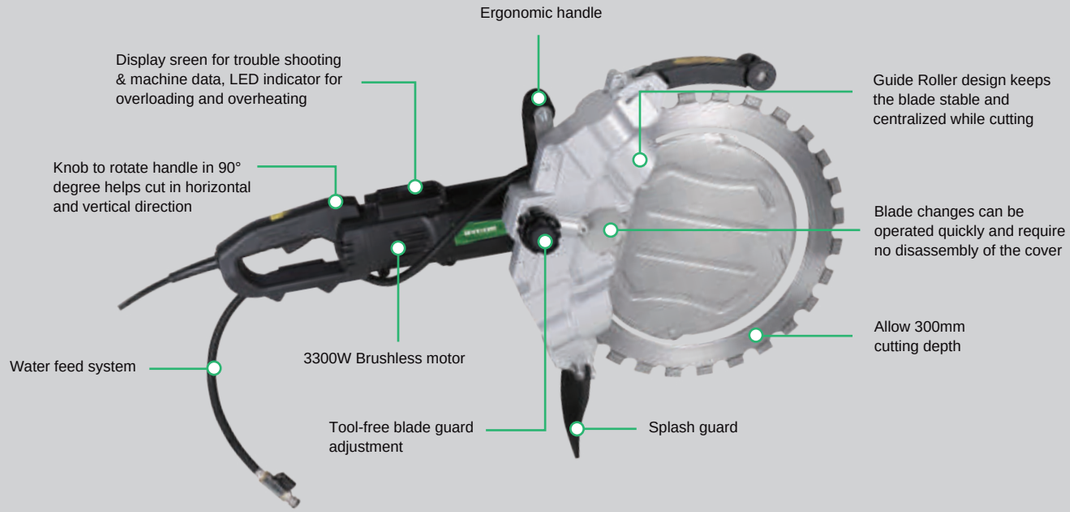
3000RPM No-Load Speed



RSP-430

Art No.	1350010001
Power	3300 W
Voltage	220-240 V
Current	16 A
Frequency	50-60 HZ
No-Load Speed	3000 RPM
Cutting Depth	300 MM
Blade Diameter	Ø423 MM
N.W	14 KG

PRODUCT FUNCTION INTRODUCTION



FLOOR GRINDER

It can be used for stone renovation, floor leveling, concrete penetrant, hardener grinding treatment, polishing, also, it can be used for removing large area of old epoxy and old paint floor with modules.

DFG-480

DFG-250B

DFG-300S



DFG-250 SERIES

Efficient grinding thanks to the high speed levels and the wide range of grinding discs available.

DFG-250 / 250E

Model	DFG-250		DFG-250E	
Art No.	1211250	1211250U	1211250	1211250U
Power	3HP	1.5HP	3HP	1.5HP
Motor	2.2KW	1.1KW	2.2KW	1.1KW
Voltage	220V	110V	220V	110V
Frequency	50HZ	60HZ	50HZ	60HZ
Speed	1410RPM	1730RPM	1410RPM	1730RPM
Current	12.7A	14.5A	12.7A	14.5A
Grinding diameter	250MM	250MM	250MM	250MM
N.W	58KG	48KG	62KG	53KG



FOLDABLE DESIGN



ANGLE ADJUSTMENT



DFG-250E



DFG-250

DIAMOND TOOLS FOR FLOOR GRINDERS DFG-250 SERIES



Redi-Lock grinding shoes



250mm (10 Inch)
PCD Grinding head



100mm (4 Inch) Polishing pad



250mm (10 Inch) Grinding head

STANDARD ACCESSORIES

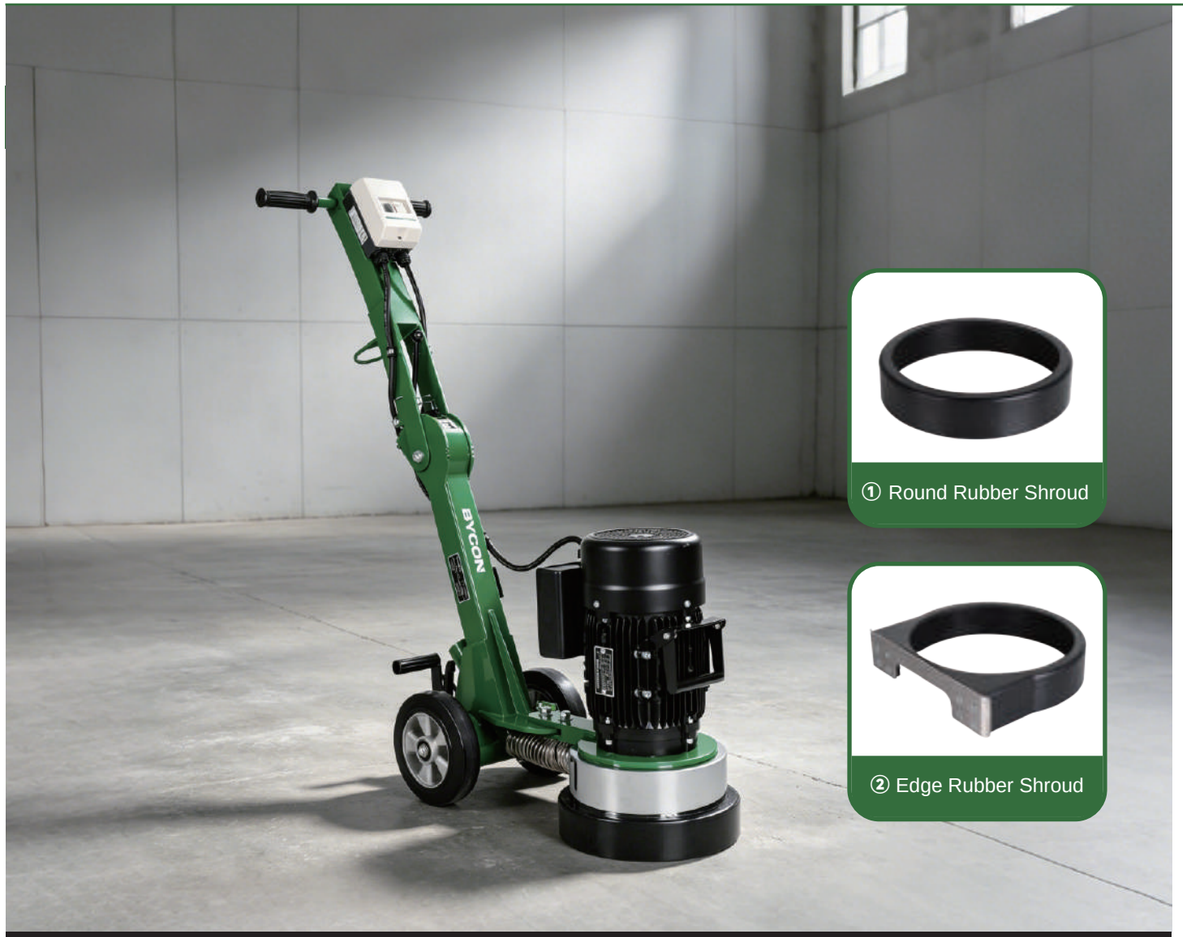


Grinding head plate | Redi-Lock shoes plate | Countersunk screw

OPTIONAL ACCESSORIES



Multi-functional converter plate | Grinding head | Metoer grinding plate | Grinding wheel | 4" 100mm Velcro holder



① Round Rubber Shroud

② Edge Rubber Shroud

DFG-250B

Efficient grinding thanks to the high speed levels and the wide range of grinding discs available.

45° angle adjustment

Model	DFG-250	
Art No.	1211250	1211250U
Power	3HP	1.5HP
Motor	2.2KW	1.1KW
Voltage	220V	110V
Frequency	50HZ	60HZ
Speed	1410RPM	1730RPM
Current	12.7A	14.5A
Grinding diameter	250MM	250MM
N.W	58KG	48KG





FOLDABLE DESIGN



ANGLE ADJUSTMENT



VACUUM CLEANER CONNECTION PORT



DFG-250B

DIAMOND TOOLS FOR FLOOR GRINDERS DFG-250 SERIES



Redi-Lock grinding shoes



250mm (10 Inch)
PCD Grinding head



100mm (4 Inch) Polishing pad



250mm (10 Inch) Grinding head

STANDARD ACCESSORIES



Grinding head plate



Redi-Lock shoes plate



Countersunk screw

OPTIONAL ACCESSORIES



Multi-functional converter plate



Grinding head



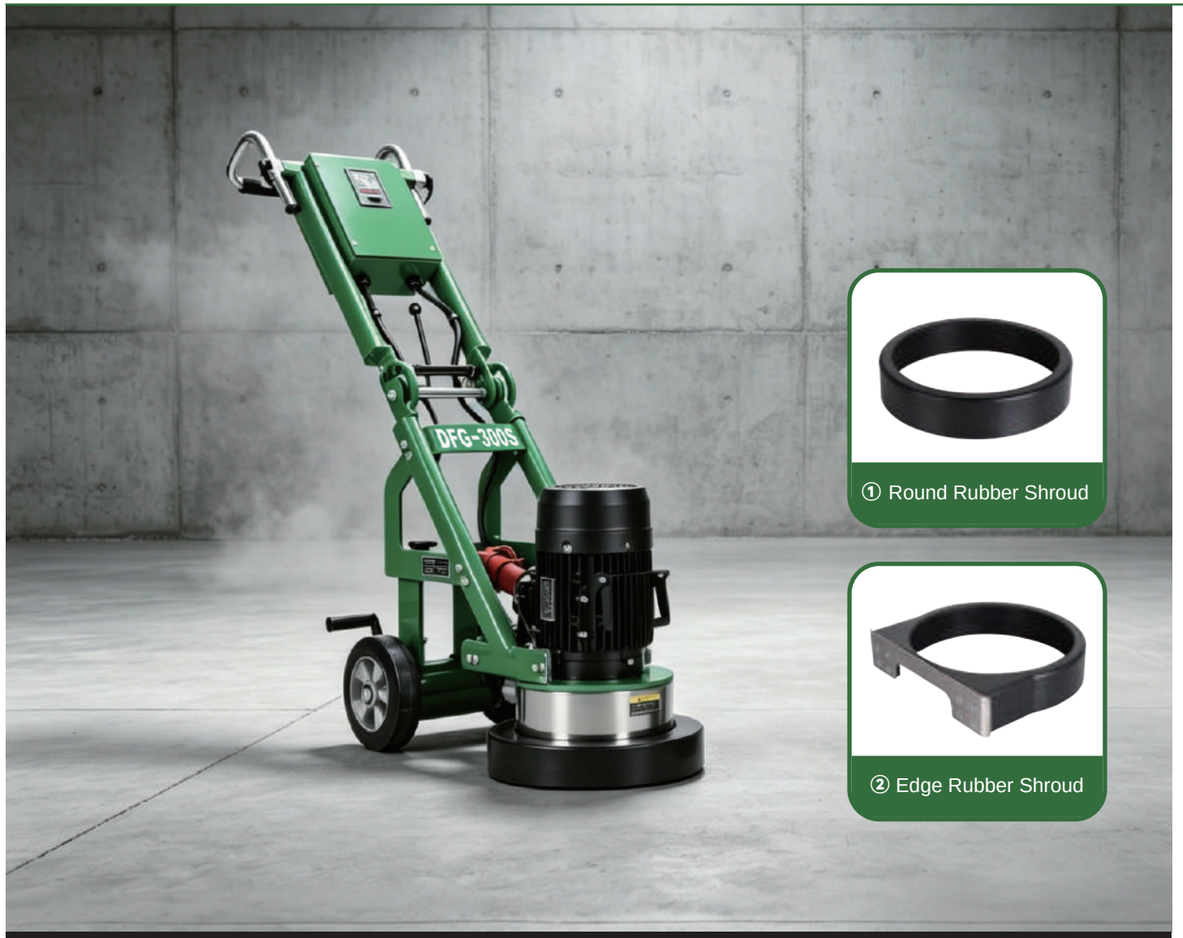
Metoer grinding plate



Grinding wheel



4" 100mm Velcro holder



① Round Rubber Shroud

② Edge Rubber Shroud

DFG-300 SERIES

300mm floor grinder allow you to quickly disassemble grinding head and frame for easily transport and storage. It's good for small to medium concrete area to remove paints, adhesive, epoxy and etc...

DFG-300S

Model	DFG-300S		
Art No.	1222300		
Power	3HP		
Motor	2.2KW		
Voltage	16A	8A	4.5A
Frequency	1PH 220V-240V	3PH 220V	3PH 380V
Speed	25-80HZ		
Current	700-2250RPM		
Grinding diameter	300MM		
N.W	74KG		



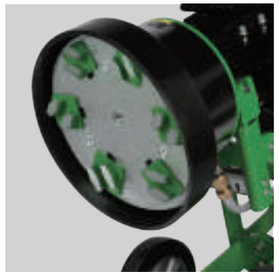

FOLDABLE DESIGN

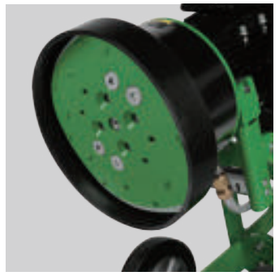

ANGLE ADJUSTMENT


SEPARABLE FRAME AND MOTOR


DFG-300S

DIAMOND TOOLS FOR FLOOR GRINDERS DFG-250 SERIES


Redi-Lock grinding shoes


250mm (10 Inch)
PCD Grinding head


100mm (4 Inch) Polishing pad


250mm (10 Inch) Grinding head

STANDARD ACCESSORIES

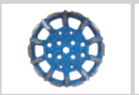

Grinding head plate


Redi-Lock shoes plate


Countersunk screw

OPTIONAL ACCESSORIES


Multi-functional converter plate


Grinding head


Metoer grinding plate


Grinding wheel


4" 100mm Velcro holder

DFG-480 & DUST COLLECTOR

The single compact dust extractors is suitable for heavy dust jobs equipped with HEPA H13 filters compete the setup for maximum workplace safety



Adjustable handle







Please turn off the switch and press down the handle, when there is too much dust causes insufficient suction.



Please put two pieces weight block for better grinding during working.



Please tie the bag tightly with the rope and cut it off. pulling the bag down and grabbed by the rope again for next vacuuming.



DFG-480 SERIES

Efficient grinding thanks to the high speed levels and the wide range of grinding discs available.

DFG-480 / 480S

Model	DFG-480		DFG-480S
Art No.	1213480	1213480U	1214480
Power	3 HP	2 HP	4 HP
Motor	2.2 KW	1.5 KW	3 KW
Voltage	220 V	110 V	380 V
Frequency	50 HZ	60 HZ	50-60 HZ
Motor speed	2850 RPM	2850 RPM	2850 RPM
Head speed	320 RPM	380 RPM	0-750 RPM
Disc size	175(7'') MM	175(7'') MM	175(7'') MM
Grinding diameter	480 MM	480 MM	480 MM
Current	13.5 A	18 A	6.3 A
Productor rate	50-75 m^2/H	50-75 m^2/H	60-90 m^2/H
N.W	160 KG	160 KG	163 KG
Addtional weight	2*11 KG	2*11 KG	2*11 KG



FOLDABLE DESIGN



DFG-480

DFG-480S

DIAMOND TOOLS FOR FLOOR GRINDERS DFG-250 SERIES



Redi-Lock grinding shoes



250mm (10 Inch)
PCD Grinding head



100mm (4 Inch) Polishing pad



250mm (10 Inch) Grinding head

STANDARD ACCESSORIES



Grinding head plate



Redi-Lock shoes plate

OPTIONAL ACCESSORIES



Multi-functional converter plate



Grinding head

DUST COLLECTOR

1.OSHA compliant H13 HEPA filter.
2.“No marking type” rear wheels and lockable front caster.
3.Efficient jet pulse filter cleaning.
4.Smart and portable design, transporting is like a breeze.
5.Continuous bagging system ensures quick and dust-free bag changes.








	IVC-1000	IVC-2000	AVC-2000	IVC-3000	AVC-38HEPA	CYCLONE SEPARATOR
Model	IVC-1000	IVC-2000	AVC-2000	IVC-3000	AVC-38HEPA	Cyclone separator
Art No.	2311000	2312000	3110010050	2313000	2320038	2310060
Power	1.2 KW	2.4 KW	2.4 KW	3.6 KW	1.2 KW 1.3 KW	
Voltage	220 V 110 V	220 V 110 V	220 V 110 V	240 V 110 V	220 V 110 V	
Frequency	50 HZ 60 HZ	50 HZ 60 HZ	50 HZ 60 HZ	50 HZ 60 HZ	50 HZ 60 HZ	
Current	4 A	8 A	9.6 A 18 A	14.4 A	6 A 9 A	
Airflow	200 m^3/H	400 m^3/H	400 m^3/H	600 m^3/H	220 m^3/H	
Vacuum	220 mBar	220 mBar	240 mBar	240 mBar	238 mBar	
Pre-filter	1.7 m^2>99.5%@1.0um	3.0 m^2>99.5%@1.0um	2.0 m^2>99.5%@1.0um	4.5 m^2>99.5%@1.0um	/	
Hepa filter	1.2 m^2>99.99%@0.3um	2.4 m^2>99.99%@0.3um	2.4 m^2>99.99%@0.3um	3.6 m^2>99.99%@0.3um	HEPA, >99.5%@0.3um	
Filter cleaning	Jet pulse filter cleaning	Jet pulse filter cleaning	Jet pulse filter cleaning	Jet pulse filter cleaning	Jet pulse filter cleaning	
Dimension	420*680*1100 MM	570*710*1270 MM	570*710*1270 MM	630*840*1470 MM	385*500*570 MM	450*450*870 MM
Weight	30 KG	48 KG	48 KG	65 KG	29 / 13.5 LBS /KG	16 KG
Collection	Continuous drop-down bag	Continuous drop-down bag	Continuous folding bag	Continuous drop-down bag	/	

BYCON

FLOOR SAW

Designed for road construction and concrete cutting, the series combines cutting performance, operational stability, and efficiency to meet the demands of professional jobsite applications.

DFS-350P DFS-450 DFS-500



DFS-350P

Lightweight and easy to transport and store. The adjustable handle and extendable right rear wheel provide enhanced flexibility and stability.

PRODUCT DETAILS









DFS-350P

Art No.	1130010014	1130010015
Engine	Air-cooled, 4-cycle, single cylinder	Air-cooled, 4-cycle, single cylinder
Engine Type	Honda GX160	Loncin 200F
Power kw (hp)	4.0 (5.5)	4.8 (6.5)
Operation Mass kg (lbs)	75 (165)	76 (167)
Max.Cutting Depth cm (in)	17 (6.7)	17 (6.7)
Blade Size cm(in)	35-45 (14-18)	35-45 (14-18)
Depth Adjustment	Handle Rotation	Handle Rotation
Driving	Manual Push	Manual Push
Water Tank Capacity (L)	12	12
Dimension cm (in)	110 x 60 x 98 (44 x 24 x 39)	110 x 60 x 98 (44 x 24 x 39)

DFS-450

Designed for road and concrete cutting, balancing jobsite efficiency and operational stability for professional surface-cutting applications.

PRODUCT DETAILS






DFS-450		
Art No.	1130040002	1130040003
Engine	Air-cooled, 4-cycle, single cylinder	Air-cooled, 4-cycle, single cylinder
Engine Type	Honda GX160	Loncin 200F
Power kw (hp)	4.0 (5.5)	4.8 (6.5)
Operation Mass kg (lbs)	75 (165)	76 (167)
Max.Cutting Depth cm (in)	17 (6.7)	17 (6.7)
Blade Size cm(in)	35-45 (14-18)	35-45 (14-18)
Depth Adjustment	Handle Rotation	Handle Rotation
Driving	Manual Push	Manual Push
Water Tank Capacity (L)	12	12
Dimension cm (in)	110 x 60 x 98 (44 x24 x 39)	110 x 60 x 98 (44 x 24 x 39)

DFS-500

Both sides are available to installable guard.
Blades shaft mounting system reduce vibrations and give better cutting performance.

PRODUCT DETAILS






DFS-500		
Art No.	1511500H	1512500
Engine	Air-cooled, 4-cycle, single cylinder	Air-cooled, 4-cycle, single cylinder
Engine Type	Honda GX390	Loncin 390
Power	9 HP	9 HP
Diamond blades. max.	500 MM	500 MM
Cutting Depth.max.	190 MM	190 MM
Depth Adjustment	Handle Rotation	Handle Rotation
Driving	Manual Push	Manual Push
Water Tank	25 L	25 L
Net Weight	151 KG	148 KG

PETROL TOOLS SOLUTION

THRALL is a professional petrol tool brand under BYCON, dedicated to delivering independent and efficient power solutions for outdoor construction, foundation work, and demanding jobsite conditions.

From post driving and breaking to drilling and grinding, THRALL focuses on powerful performance, reliable operation, and flexibility, providing a versatile range of handheld petrol tools for professional applications.





PETROL POST DRIVER

Powerful impact performance for faster post installation across fencing, agriculture, landscaping, and outdoor construction.

DPD-80 DPD-85 DPD-100 DPD-100N DPD-102
DPD-120 DPD-122

PRECISION ENGINEERED DETAILS



SAFETY LOCK & THROTTLE CONTROL



EFFORTLESS RECOIL STARTER



HIDDEN DUAL ANTI-VIBRATION SPRINGS



REINFORCED STEEL IMPACT BARREL







SLEEVE Standard



DPD-80

Art No	1201080	1202080
Max. Post	80 MM	80 MM
Engine Type	140FA, 4-STROKE,	HONDA GX35
Displacement	37.7 CC	35.8 CC
Fuel Tank Volume	0.58 L	0.63 L
Oil Tank Volume	0.08 L	0.1 L
Max Power And Speed	1KW/6500 R/MIN	1KW/7000 R/MIN
Fuel Consumption Rate	≤ 480 G/KW.H	≤ 480 G/KW.H
Impact Frequency	800-1600 BPM	800-1600 BPM
Impact Energy	15-45 J	15-45 J
Starter System	HAND-PULL START	HAND-PULL START
Product Size	69.5 × 30 × 27.5 CM	69.5 × 30 × 27.5 CM
Net Weight	14 KG	14 KG
Gross Weight	25 KG	25 KG
Dimension	85.5 × 35 × 47.5 CM	85.5 × 35 × 47.5 CM





SLEEVE Standard



DPD-85

Art No	1201085	1202085
Max. Post	80 MM	80 MM
Engine Type	140FA, 4-STROKE,	HONDA GX35
Displacement	37.7 CC	35.8 CC
Fuel Tank Volume	0.58 L	0.63 L
Oil Tank Volume	0.08 L	0.1 L
Max Power And Speed	1KW/6500 R/MIN	1KW/7000 R/MIN
Fuel Consumption Rate	≤ 480 G/KW.H	≤ 480 G/KW.H
Impact Frequency	800-1600 BPM	800-1600 BPM
Impact Energy	15-45 J	15-45 J
Starter System	HAND-PULL START	HAND-PULL START
Product Size	69.5 × 30 × 27.5 CM	69.5 × 30 × 27.5 CM
Net Weight	13.5 KG	13.5 KG
Gross Weight	24.5 KG	24.5 KG
Dimension	85.5 × 35 × 47.5 CM	85.5 × 35 × 47.5 CM





DPD-100N

Art No	1201100N
Max. Post	60 MM
Engine Type	1E44F-2A,2-STROKE,
Mixed Fuel	25:1
Displacement	51.7 CC
Fuel Tank Volume	1.2 L
Max Power And Speed	1.4KW/6500 R/MIN
Fuel Consumption Rate	≤ 610 G/KW.H
Impact Frequency	820-1200 BPM
Impact Energy	25-50 J
Starter System	HAND-PULL START
Product Size	74.5 × 30 × 34.5 CM
Net Weight	17.9 KG
Gross Weight	27.9 KG
Dimension	85.5 × 35 × 47.5 CM





SLEEVE Standard





SLEEVE Standard





DPD-100

Art No	1201100	1202100
Max. Post	100 MM	100 MM
Engine Type	1E44F-2A,2-STROKE	HONDA GX35
Mixed Fuel	25:1	/
Displacement	51.7 CC	35.8 CC
Fuel Tank Volume	1.2 L	0.63 L
Oil Tank Volume	/	0.1 L
Max Power And Speed	1.4KW/6500 R/MIN	1KW/7000 R/MIN
Fuel Consumption Rate	≤ 610 G/KW.H	≤ 480 G/KW.H
Impact Frequency	820-1200 BPM	820-1200 BPM
Impact Energy	25-55 J	25-50 J
Starter System	HAND-PULL START	HAND-PULL START
Product Size	74.5 × 30 × 34.5 CM	74.5 × 30 × 34.5 CM
Net Weight	18.75 KG	18 KG
Gross Weight	28.75 KG	28 KG
Dimension	85.5 × 35 × 47.5 CM	85.5 × 35 × 47.5 CM



SLEEVE Standard





DPD-120

Art No	1201120	1201120	1202120
Max. Post	120 MM	120 MM	120 MM
Engine Type	1E43F-E, 2-STROKE	140FA, 4-STROKE	HONDA GX35
Displacement	49 CC	37.7 CC	47.9 CC
Fuel Tank Volume	1 L	0.58 L	0.63 L
Oil Tank Volume	/	0.08 L	0.1 L
Max Power And Speed	1.4KW/6500 R/MIN	1KW/6500 R/MIN	1KW/7000 R/MIN
Fuel Consumption Rate	≤ 610 G/KW.H	≤ 480 G/KW.H	≤ 360 G/KW.H
Impact Frequency	900-1300 BPM	900-1300 BPM	900-1300 BPM
Impact Energy	25-50 J	25-50 J	25-50 J
Starter System	HAND-PULL START	HAND-PULL START	HAND-PULL START
Product Size	74.5 × 30 × 34.5 CM	83 × 29 × 32.5 CM	83 × 29 × 32.5 CM
Net Weight	22.5 KG	22.7 KG	23.5 KG
Gross Weight	34 KG	34 KG	34.8 KG
Dimension	95 × 34 × 44 CM	95 × 34 × 44 CM	95 × 34 × 44 CM



SLEEVE Standard





SLEEVE Standard





DPD-102

Art No	1201102	1202102
Max. Post	100 MM	100 MM
Engine Type	1E44F-2A,2-STROKE	HONDA GX35
Mixed Fuel	25:1	/
Displacement	51.7 CC	35.8 CC
Fuel Tank Volume	1.2 L	0.63 L
Oil Tank Volume	/	0.1 L
Max Power And Speed	1.4KW/6500 R/MIN	1KW/7000 R/MIN
Fuel Consumption Rate	≤ 610 G/KW.H	≤ 480G/KW.H
Impact Frequency	820-1200 BPM	820-1200 BPM
Impact Energy	25-55 J	25-50 J
Starter System	HAND-PULL START	HAND-PULL START
Product Size	74.5 × 30 × 34.5 CM	74.5 × 30 × 34.5 CM
Net Weight	18.25 KG	17.5 KG
Gross Weight	28.25 KG	27.5 KG
Dimension	85.5 × 35 × 47.5CM	85.5 × 35 × 47.5 CM



SLEEVE Standard





DPD-122

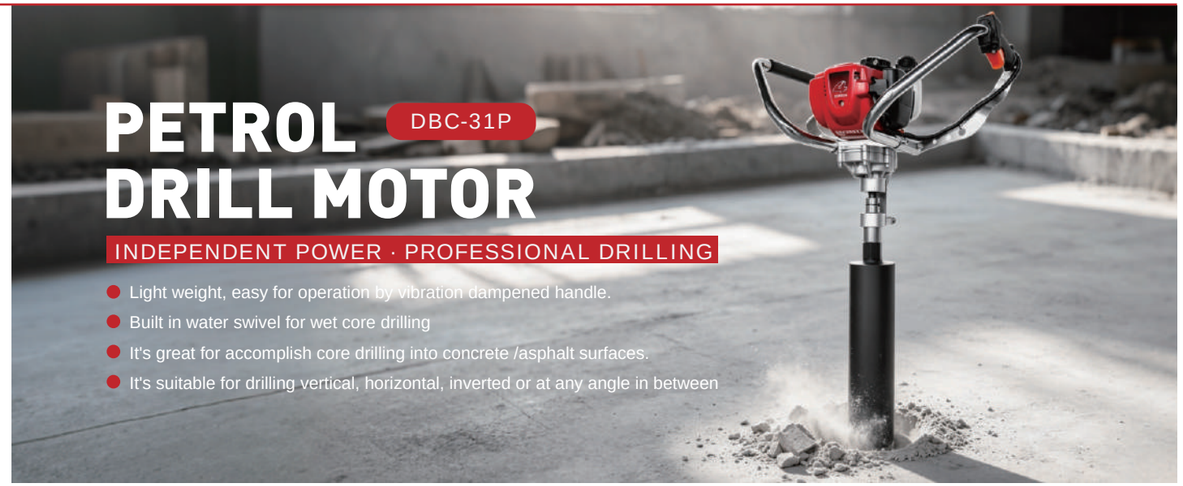
Art No	1200122	1201122	1202122
Max. Post	120 MM	120 MM	120 MM
Engine Type	1E43F-E, 2-STROKE	140FA, 4-STROKE	HONDA GX35
Displacement	51.7 CC / 49 CC	37.7 CC	35.8 CC
Fuel Tank Volume	1L	0.58 L	0.63 L
Oil Tank Volume	/	0.08 L	0.1 L
Max Power And Speed	1.4KW/6500 R/MIN	1KW/6500 R/MIN	1KW/7000 R/MIN
Fuel Consumption Rate	≤ 610 G/KW.H	≤ 480 G/KW.H	/
Impact Frequency	700-1200 BPM	700-1200 BPM	700-1200 BPM
Impact Energy	25-65 J	25-65 J	25-65 J
Starter System	HAND-PULL START	HAND-PULL START	HAND-PULL START
Product Size	83 × 28 × 28 CM	84 × 29 × 29 CM	84 × 29 × 29 CM
Net Weight	22.5 KG	22 KG	21.7KG
Gross Weight	32.1 KG	31.5 KG	31.7KG
Dimension	95 × 34 × 44 CM	95 × 34 × 44 CM	95 × 34 × 44 CM



PETROL BREAKER

Independent petrol-powered performance for breaking concrete, masonry, and other demanding materials in challenging environments.

DGH-49 DGH-58



PETROL DRILL MOTOR

DBC-31P

INDEPENDENT POWER · PROFESSIONAL DRILLING

- Light weight, easy for operation by vibration dampened handle.
- Built in water swivel for wet core drilling
- It's great for accomplish core drilling into concrete /asphalt surfaces.
- It's suitable for drilling vertical, horizontal, inverted or at any angle in between



DGH-49

Art No	1201049	1202049
Engine Type	1E44F-2A,2-STROKE,	HONDA GX35
Displacement	51.7 CC	35.8 CC
Fuel Tank Volume	1.2 L	0.63 L
Oil Tank Volume	/	0.1 L
Max Power And Speed	1.25KW/7000 R/MIN	1KW/7000 R/MIN
Impact Frequency	770-1500 BPM	770-1500 BPM
Impact Energy	25-55 J	25-55 J
Starter System	HAND-PULL START	HAND-PULL START
Product Size	70 × 34 × 32.5 CM	70 × 34 × 32.5 CM
Net Weight	21 KG	17.5 KG
Gross Weight	23.5 KG	20 KG
Dimension	74 × 39 × 32.5 CM	74 × 39 × 32.5 CM



DBC-31P

Art No	1131031	1133031	1132031
Engine Type	1E44F-2A, 2-STROKE	140FA, 4-STROKE	HONDA GX35
Displacement	51.7 CC	37.7 CC	35.8 CC
Max.Drilling Without Rebar	200 MM	150 MM	150 MM
Max Power And Output Speed	2.2KW/330RPM	1.5KW/350 RPM	1.5KW/350 RPM
Net Weight	10.9 KG	10.4 KG	10.1 KG
Gross Weight	15.45 KG	10.85 KG	14.55 KG
Package Size	54 × 28 × 41.5 CM	54 × 28 × 41.5 CM	54 × 28 × 41.5CM



DGH-58

Art No	1201058	1203058	1202058
Engine Type	1E36F-2A,2-STROKE,	140FA, 4-STROKE,	HONDA GX35
Displacement	32.6 CC	37.7 CC	35.8 CC
Fuel Tank Volume	0.75 L	0.65 L	0.63 L
Oil Tank Volume	/	0.08 L	0.1 L
Max Power And Speed	0.9KW/6500 R/MIN	1KW/6500 R/MIN	1KW/7000 R/MIN
Impact Frequency	800-2800 BPM	1500-2000 BPM	1500-2000 BPM
Impact Energy	25-55 J	25-55 J	25-55 J
Starter System	HAND-PULL START	HAND-PULL START	HAND-PULL START
Product Size	49 × 26 × 30 CM	49 × 26 × 30 CM	49 × 26 × 30 CM
Net Weight	10 KG	11 KG	12 KG
Gross Weight	11 KG	12 KG	13 KG
Dimension	62 × 26 × 28 CM	62 × 26 × 28 CM	62 × 26 × 28 CM

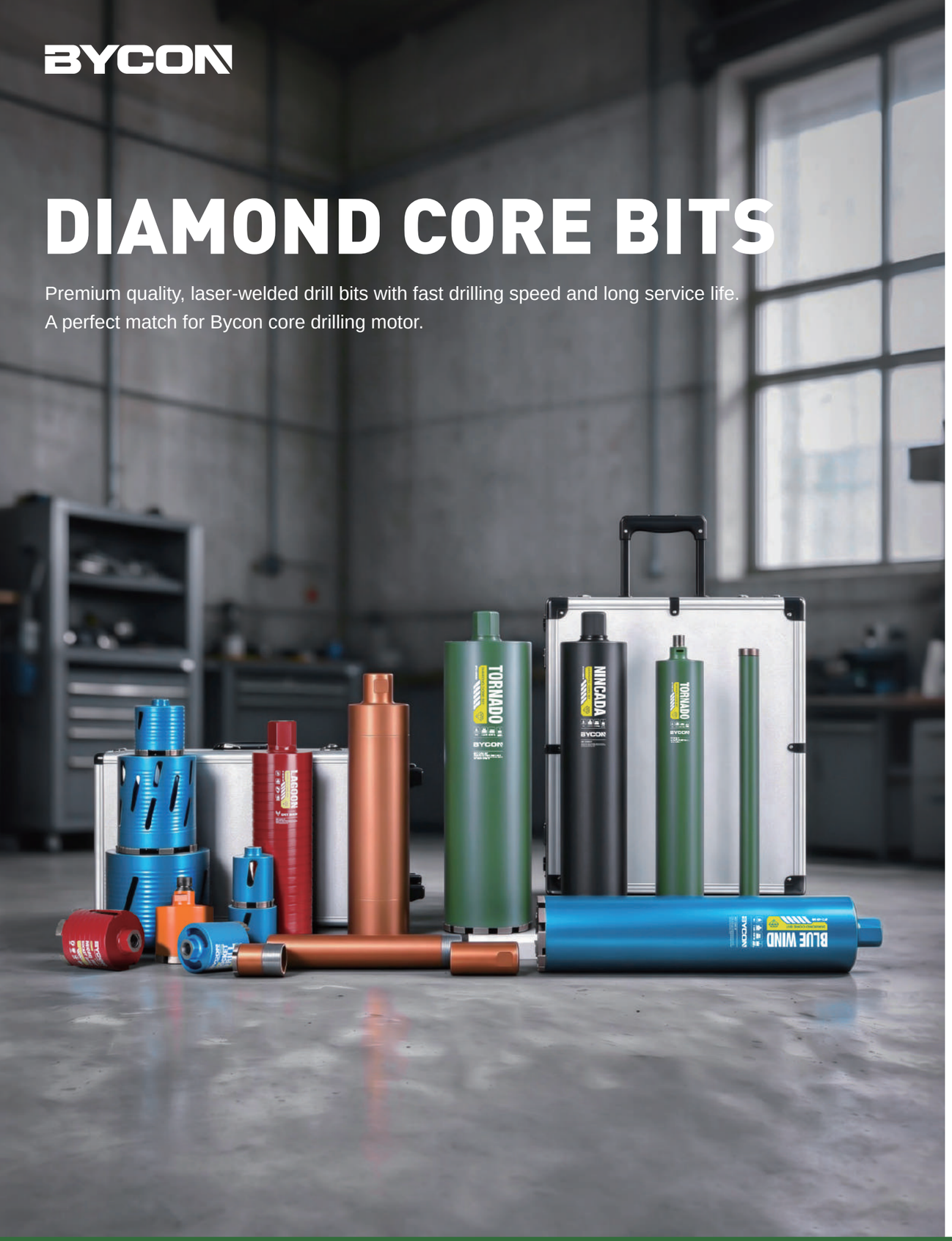


PAG-180

Art No	1310180	1312180	1313180	1314180
Power	1.9 KW	1.25 KW	1.9 KW	1.25 KW
Engine	HUASHENG 1E48F-E	1E43F-E, 2 STROKE	HUASHENG 140FA	GX35 4STROKE
Displacement	63.3 CC	49.4 CC	37.7 CC	35.8 CC
No-Load Speed	7300 RPM	7000 RPM	6700 RPM	7300 RPM
Grinding Diameter	188 MM	188 MM	188 MM	188 MM
Spindle Thread	M14	M14	M14	M14
Arbor Hole	22 MM	22 MM	22 MM	22 MM
Oil Tank	1.3 L	1.1 L	0.65 L	0.63 L
Oil Rate	30:1	30:1	/	/
N.W	9.5 KG	9.1 KG	8.8 KG	8.8 KG
Machine Size	668×285×314 MM	668×280×320 MM	668×235×328 MM	668×235×328 MM

DIAMOND CORE BITS

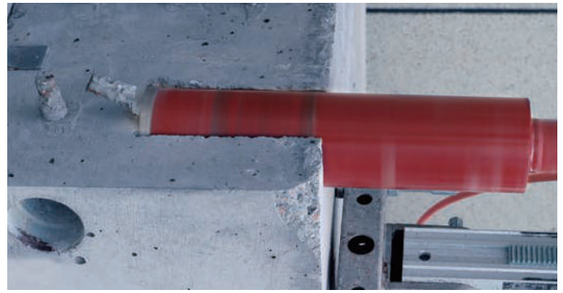
Premium quality, laser-welded drill bits with fast drilling speed and long service life.
A perfect match for Bycon core drilling motor.



DIAMOND CORE BITS

Bycon diamond core bits are designed for fast drilling and maximum life with no damage on the wall, we have rich types diamond core bits which are used for drilling holes in hard and soft materials with or without steel reinforcing, such as cured and reinforced concrete, pre-stressed concrete, asphalt, brick, block, stone for air-conditioning, water pipe, gas nozzles, electric switches in walls and floors.





BYCON DIAMOND CORE BITS GENERAL VIEW

01 WET CORE BITS

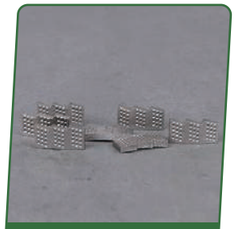
- 1st For Concrete
  - 01 Chetak Series
  - 02 Bule Wind Series
  - 03 Tornado Series
  - 04 Jellyfish Series
  - 05 Triso Series
  - 06 Storm Series
- 2nd For Asphalt
  - 01 Nincada Series

02 DRY CORE BITS

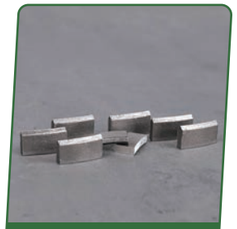
- 1st For Concrete non-micro hit
  - 01 Classic Series
- 2nd For Concrete micro-percussion
  - 01 LAGOON Series
  - 02 VOLCANO Series

DIFFERENT SHAPE OF SEGMENTS ARE AVAILABLE THE MOST POPULAR ONES ARE


RING SEGMENT


SHARK SEGMENT


GRID SEGMENT

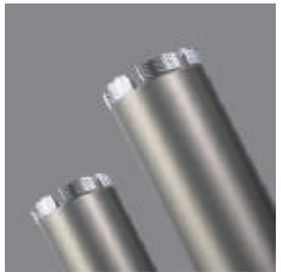

ROOFTOP SEGMENT



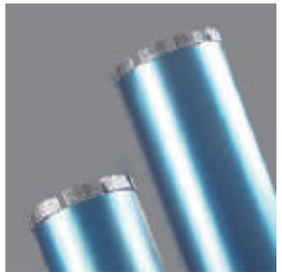
WET CORE BITS

Bycon wet core bits are specifically designed for use with our core drill for maximum versatility. Our concrete core drill bit sizes range from 42mm to 600mm to meet all your needs when drilling into concrete with rebar.

REINFORCED CONCRETE CORING



CHETAK SERIES



BLUE WIND SERIES



TORNADO SERIES



JELLYFISH SERIES

01 Chetak series wins at high cost performance and it's an excellent integrated player in drilling reinforced concrete.

CHETAK SERIES

02 Blue wind series is ideal for low power handheld drill motor (1.5KW-2.6KW) drilling job at the fastest speed compare to others.

BLUE WIND SERIES

03 Tornado series is a perfect partner of rig-mounted drill motor up to 3.5kw, achieved higher speed without affecting life span.

TORNADO SERIES

04 It's the first choice for high frequency hydraulic equipment power more than 3.5kw both efficient and durable.

JELLYFISH SERIES

05 Nincada series is suitable for asphalt drilling job.

NINCADA SERIES

06 Storm series for reinforced concrete drilling in cost-efficient way.

STORM SERIES

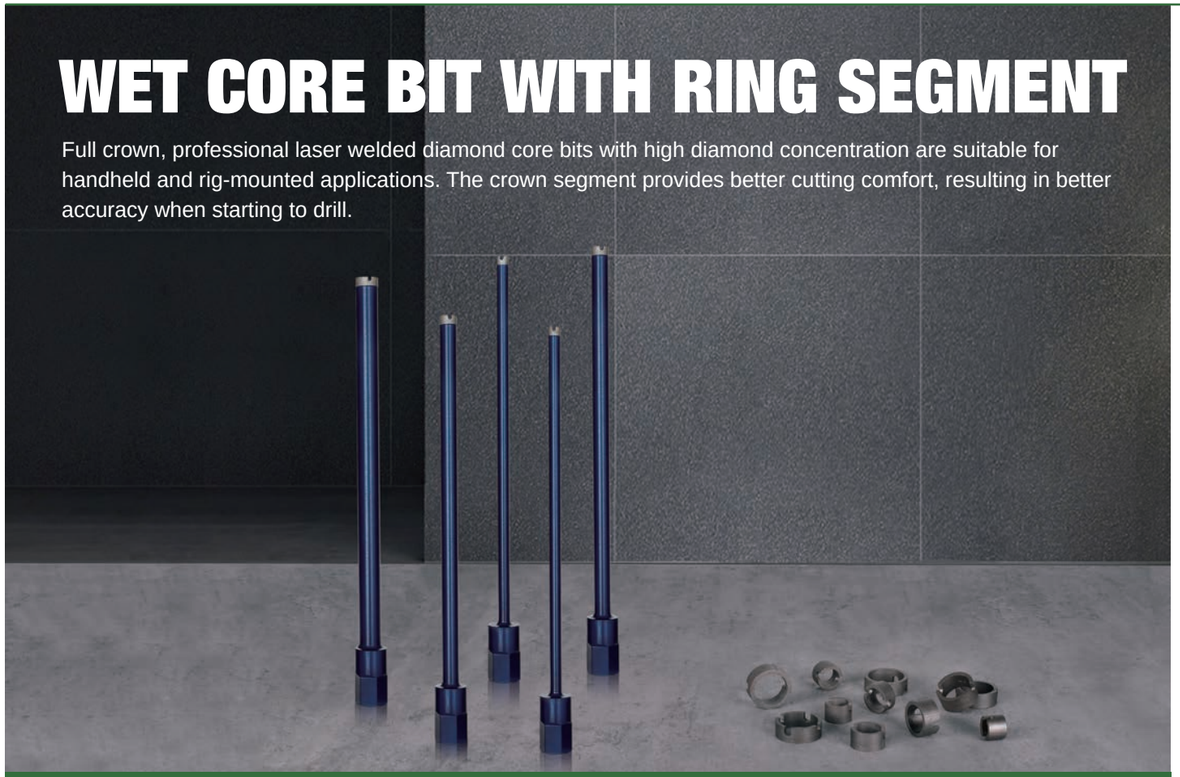


CONCRETE/ ASHPALT WET CORE BITS

Art Number	O.D.(MM)	Working Length (MM)	Thread	Barrel Thickness (MM)	Segment Size (MM)	Segment Qty
2011042	42	450	1-1/4 UNC	2.0	20*3.5*10	4
2011047	47	450	1-1/4 UNC	2.0	24*3.5*10	5
2011052	52	450	1-1/4 UNC	2.0	24*3.5*10	5
2011057	57	450	1-1/4 UNC	2.0	24*3.5*10	5
2011062	62	450	1-1/4 UNC	2.0	24*3.5*10	6
2011067	67	450	1-1/4 UNC	2.0	24*3.5*10	6
2011072	72	450	1-1/4 UNC	2.0	24*3.5*10	7
2011077	77	450	1-1/4 UNC	2.0	24*3.5*10	7
2011082	82	450	1-1/4 UNC	2.0	24*3.5*10	8
2011087	87	450	1-1/4 UNC	2.0	24*3.5*10	8
2011092	92	450	1-1/4 UNC	2.0	24*3.5*10	8
2011102	102	450	1-1/4 UNC	2.0	24*3.5*10	9
2011107	107	450	1-1/4 UNC	2.0	24*3.5*10	9
2011112	112	450	1-1/4 UNC	2.0	24*3.5*10	10
2011117	117	450	1-1/4 UNC	2.0	24*3.5*10	10
2011122	122	450	1-1/4 UNC	2.0	24*3.5*10	10
2011127	127	450	1-1/4 UNC	2.0	24*3.5*10	10
2011132	132	450	1-1/4 UNC	2.0	24*3.5*10	11
2011142	142	450	1-1/4 UNC	2.0	24*3.5*10	11
2011152	152	450	1-1/4 UNC	2.0	24*4.0*10	12
2011162	162	450	1-1/4 UNC	2.0	24*4.0*10	12
2011172	172	450	1-1/4 UNC	2.0	24*4.0*10	13
2011182	182	450	1-1/4 UNC	2.0	24*4.0*10	13
2011192	192	450	1-1/4 UNC	2.0	24*4.0*10	14
2111202	202	450	1-1/4 UNC	2.0	24*4.0*10	15
2011220	220	450	1-1/4 UNC	2.0	24*4.0*10	16
2011250	250	450	1-1/4 UNC	2.0	24*4.0*10	17
2011280	280	450	1-1/4 UNC	2.0	24*4.0*10	19
2011300	300	450	1-1/4 UNC	3.0	24*4.5*10	21
2011350	350	450	1-1/4 UNC	3.0	24*4.5*10	23
3011400	400	450	1-1/4 UNC	3.0	24*4.5*10	25
2011450	450	450	1-1/4 UNC	3.0	24*4.5*10	27
2011500	500	450	1-1/4 UNC	3.0	24*5.0*10	29
2100600	600	450	1-1/4 UNC	3.0	24*5.0*10	31

WET CORE BIT WITH RING SEGMENT

Full crown, professional laser welded diamond core bits with high diamond concentration are suitable for handheld and rig-mounted applications. The crown segment provides better cutting comfort, resulting in better accuracy when starting to drill.



WET CORE BIT WITH RING SEGMENT

Art Number	O.D.(MM)	Working Length (MM)	Thread	Barrel Thickness (MM)	Segment Size (MM)	Segment Qty
2010010	10	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1
2010012	12	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1
2010014	14	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1
2010015	15	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1
2010016	16	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1
2010018	18	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1
2010020	20	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1
2010022	22	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1
2010024	24	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1
2010025	25	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1
2010026	26	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1
2010028	28	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1
2010030	30	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1
2010032	32	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1
2010033	33	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1
2010035	35	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1
2010038	38	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1
2010040	40	450	1/2BSP/ 1-1/4 UNC	1.5	Ring*2.5*12	1

CONTINUOUS CORE BIT

*Standard tube length: 250/300mm

Triso series

- Working length of the core bit can be easily adjusted by increasing or decreasing the quantity of the tube part.
- A cost-wise choice for a worn-out continuous core bit only need a replacement on the drill head part.



Drill head Tube Coupling

Art Number	O.D.(MM)	Drill Head Length (MM) (excl. segments)	Couplinglength (MM)	Segment Size (MM)	Segment Qty
2012025	25	30	110	12*10*4.5	4
2012032	32	35	100	15*10*4.5	4
2012040	40	35	100	15*10*4.5	5
2012050	50	35	100	24*10*4.5	6
2012065	65	40	100	24*10*4.5	7
2012077	77	40	100	24*10*4.5	8
2012087	87	40	100	24*10*4.5	9
2012108	108	70	100	24*10*5.0	9
2012127	127	90	100	24*10*5.0	10
2012158	158	90	100	24*10*5.0	13
2012180	180	90	100	24*10*5.0	15
2012200	200	90	100	24*10*5.5	17
2012250	250	90	100	24*10*5.5	19
2012300	300	90	100	24*10*5.5	23

CONTINUOUS CORE BIT



Art Number	O.D.(MM)	Working Length (MM)	Thread	Barrel Thickness (MM)	Segment Size (MM)	Segment Qty
2014001	35	425	1/2 BSP	1.5	Ring*2.5*12	1
	51	425	1/2 BSP	1.5	24*2.5*10	5
	81	425	1/2 BSP	1.5	24*2.5*10	8
	132	425	1/2 BSP	1.5	24*2.5*10	11



Art Number	O.D.(MM)	Working Length (MM)	Thread	Barrel Thickness (MM)	Segment Size (MM)	Segment Qty
2014002	35	425	1-1/4 UNC	1.5	Ring*2.5*12	1
	51	425	1-1/4 UNC	1.5	24*2.5*10	5
	81	425	1-1/4 UNC	1.5	24*2.5*10	8
	132	425	1-1/4 UNC	1.5	24*2.5*10	11



MICRO-PERCUSSION DRY CORE BITS

Advanced dry core drill bit for micro-percussion drills range, the best solution for dry drilling in reinforced concrete, bricks and abrasive materials. Special diamond segment ensure a high performance with maximum cutting speed and high wear resistance over the life. It's wide applied in concrete wall for air conditioning installment, ventilation, heating installment or other communication lines without coolant.



LAGOON SERIES

LAGOON Designed for Low-Power Drilling

Optimized for 1500–2600 W drilling machines, especially handheld core drills and applications with low impact

DRY | 1-1/4UNC | SHARK SEG. | LASER WELDED

LAGOON SERIES

Art Number	Diameter (MM)	Segment Size (MM)	Thread	Tube Thickness (MM)	Working Length (MM)	Segments Qty
2120032	32	20*3.8*10	1 1/4UNC	2	300	3
2120035	35	20*3.8*10	1 1/4UNC	2	300	3
2120038	38	20*3.8*10	1 1/4UNC	2	300	4
2120042	42	20*3.8*10	1 1/4UNC	2	300	4
2120045	45	20*3.8*10	1 1/4UNC	2	300	4
2120052	52	20*3.8*10	1 1/4UNC	2	300	5
2120056	56	20*3.8*10	1 1/4UNC	2	300	5
2120062	62	20*3.8*10	1 1/4UNC	2	300	6
2120065	65	20*3.8*10	1 1/4UNC	2	300	6
2120072	72	20*3.8*10	1 1/4UNC	2	300	7
2120076	76	20*3.8*10	1 1/4UNC	2	300	7
2120082	82	20*3.8*10	1 1/4UNC	2	300	8
2120092	92	20*3.8*10	1 1/4UNC	2	300	8
2120102	102	20*3.8*10	1 1/4UNC	2	300	8
2120112	112	20*3.8*10	1 1/4UNC	2	300	9
2120117	117	20*3.8*10	1 1/4UNC	2	300	9
2120122	122	20*3.8*10	1 1/4UNC	2	300	10
2120127	127	20*3.8*10	1 1/4UNC	2	300	10
2120132	132	20*3.8*10	1 1/4UNC	2	300	11
2120142	142	20*3.8*10	1 1/4UNC	2	300	11
2120152	152	20*4.3*10	1 1/4UNC	2.5	300	12
2120162	162	20*4.3*10	1 1/4UNC	2.5	300	13
2120172	172	20*4.3*10	1 1/4UNC	2.5	300	14
2120182	182	20*4.3*10	1 1/4UNC	2.5	300	14
2120202	202	20*4.3*10	1 1/4UNC	2.5	300	15



VOLCANO SERIES

VOLCANO Built for High-Power Drilling

Designed for 3000 W+ drilling machines, especially rig-mounted machines and applications requiring high power and high impact.

DRY | 1-1/4UNC | SHARK SEG. | LASER WELDED

VOLCANO SERIES

Art Number	Diameter (MM)	Segment Size (MM)	Thread	Tube thickness (MM)	Working Length (MM)	Segments Qty
2121032	32	20*3.8*10	1 1/4UNC	2.0	300	3
2121035	35	20*3.8*10	1 1/4UNC	2.0	300	3
2121038	38	20*3.8*10	1 1/4UNC	2.0	300	4
2121042	42	20*3.8*10	1 1/4UNC	2.0	300	4
2121045	45	20*3.8*10	1 1/4UNC	2.0	300	4
2121052	52	20*3.8*10	1 1/4UNC	2.0	300	5
2121056	56	20*3.8*10	1 1/4UNC	2.0	300	5
2121062	62	20*3.8*10	1 1/4UNC	2.0	300	6
2121065	65	20*3.8*10	1 1/4UNC	2.0	300	6
2121072	72	20*3.8*10	1 1/4UNC	2.0	300	7
2121076	76	20*3.8*10	1 1/4UNC	2.0	300	7
2121082	82	20*3.8*10	1 1/4UNC	2.0	300	8
2121092	92	20*3.8*10	1 1/4UNC	2.0	300	8
2121102	102	20*3.8*10	1 1/4UNC	2.0	300	8
2121112	112	20*3.8*10	1 1/4UNC	2.0	300	9
2121117	117	20*3.8*10	1 1/4UNC	2.0	300	9
2121122	122	20*3.8*10	1 1/4UNC	2.0	300	10
2121127	127	20*3.8*10	1 1/4UNC	2.0	300	10
2121132	132	20*3.8*10	1 1/4UNC	2.0	300	11
2121142	142	20*3.8*10	1 1/4UNC	2.0	300	11
2121152	152	20*4.3*10	1 1/4UNC	2.5	300	12
2121162	162	20*4.3*10	1 1/4UNC	2.5	300	13
2121172	172	20*4.3*10	1 1/4UNC	2.5	300	14
2121182	182	20*4.3*10	1 1/4UNC	2.5	300	14
2121202	202	20*4.3*10	1 1/4UNC	2.5	300	15
2121225	225	20*4.3*10	1 1/4UNC	2.5	300	16
2121250	250	20*4.3*10	1 1/4UNC	2.5	300	18
2121280	280	20*4.3*10	1 1/4UNC	2.5	300	20
2121300	300	20*4.8*10	1 1/4UNC	3.0	300	21
2121350	350	20*4.8*10	1 1/4UNC	3.0	300	22

MICRO-PERCUSSION SOCKET DRILL BITS

We recommend using them on micro percussive dry core drills with 1200 watts motor or above while motor speed ranges from 1500 to 3000 RPM. (not a hammer drill)
Perfect for installing socket outlets for plug sockets and junction boxes.
Ideally suited for drilling on all types of masonry as well as reinforced concrete.



SIDE SLOT



Art Number	Diameter (MM)	Segment Size (MM)	Thread	Barrel Thickness (MM)	Segments Qty
2123068	68	20*3.8*10	M16	2.0	5
2123072	72	20*3.8*10	M16	2.0	6
2123082	82	20*3.8*10	M16	2.0	6

END SLOT



Art Number	Diameter (MM)	Segment Size (MM)	Thread	Barrel Thickness (MM)	Segments Qty
2124068	68	20*3.8*10	M16	2.0	5
2124072	72	20*3.8*10	M16	2.0	6
2124082	82	20*3.8*10	M16	2.0	6

DRY CORE BIT

Socket drill bit is especially suitable for professional installing of plug outlets and junction boxes. With laser-welded turbo segments (other segment shapes are available as well), it is designed to dry core drill on sand lime brick as well as all types of masonry. Additional slots on the drill barrel are for dust extraction purpose.



SOCKET DRILL BIT (SIDE SLOT)

Art Number	Diameter (MM)	Segment Size (MM)	Thread	Barrel Thickness (MM)	Segments Qty
2023068	68	24*3.8*10	M16	2.0	4
2023072	72	24*3.8*10	M16	2.0	5
2023082	82	24*3.8*10	M16	2.0	5

SOCKET DRILL BIT (END SLOT)

Art Number	Diameter (MM)	Segment Size (MM)	Thread	Barrel Thickness (MM)	Segments Qty
2024068	68	24*3.8*10	M16	2.0	4
2024072	72	24*3.8*10	M16	2.0	5
2024082	82	24*3.8*10	M16	2.0	5



CLASSIC SERIES

Art Number	O.D.(MM)	Working Length (MM)	Thread	Barrel Thickness (MM)	Segment Size (MM)	Segment Qty
2022025	25	150	1/2 BSP/ M16	2.0	15x3.8x10	2
2022028	28	150	1/2 BSP/ M16	2.0	15x3.8x10	3
2022032	32	150	1/2 BSP/ M16	2.0	15x3.8x10	3
2022038	38	150	1/2 BSP/ M16	2.0	15x3.8x10	3
2022042	42	150	1/2 BSP/ M16	2.0	15x3.8x10	3
2022048	48	150	1/2 BSP/ M16	2.0	24x3.8x10	4
2022052	52	150	1/2 BSP/ M16	2.0	24x3.8x10	4
2022055	55	150	1/2 BSP/ M16	2.0	24x3.8x10	5
2022065	65	150	1/2 BSP/ M16	2.0	24x3.8x10	5
2022072	72	150	1/2 BSP/ M16	2.0	24x3.8x10	5
2022078	78	150	1/2 BSP/ M16	2.0	24x3.8x10	5
2022082	82	150	1/2 BSP/ M16	2.0	24x3.8x10	6
2022092	92	150	1/2 BSP/ M16	2.0	24x3.8x10	6
2022102	102	150	1/2 BSP/ M16	2.0	24x3.8x10	6
2022107	107	150	1/2 BSP/ M16	2.0	24x3.8x10	7
2022117	117	150	1/2 BSP/ M16	2.0	24x3.8x10	7
2022127	127	150	1/2 BSP/ M16	2.0	24x3.8x10	7
2022132	132	150	1/2 BSP/ M16	2.0	24x3.8x10	7
2022142	142	150	1/2 BSP/ M16	2.0	24x3.8x10	7
2022152	152	150	1/2 BSP/ M16	2.0	24x3.8x10	8
2022162	162	150	1/2 BSP/ M16	2.0	24x3.8x10	8
2011172	172	150	1/2 BSP/ M16	2.0	24x3.8x10	8
2022182	182	150	1/2 BSP/ M16	2.0	24x3.8x10	8
2022202	202	150	1/2 BSP/ M16	2.0	24x3.8x10	9
2022222	222	150	1/2 BSP/ M16	2.0	24x3.8x10	11

DRY CORE KITS

Electrician core bits kit with 5 most used sizes of socket drill bit supplied with an aluminum carry case. Adaptors, pilot drll and other accessories are incuded in the kit as wel, complete and convenient for professional electrician use.



ACCESSORIES	Specification
DRIFT KEY	8*70MM
HEX- 1/2 BSP ADAPTER	L=88MM
sds- 1/2 BSP ADAPTER	L=115mm
EXTENSION BAR 1/2 BSP	F-M 250MM
sds MAX- 1/2 BSP ADAPTER	L=180MM
PILOT DRILL	13*210MM
GUIDE BAR	12*210MM



DRY CORE KITS

Art Number	O.D.(MM)	Working Length (MM)	Thread	Barrel Thickness (MM)	Segment Size (MM)	Segment Qty
2021100	38	150	1/2 BSP	2.0	15*3.8*10	4
	52	150	1/2 BSP	2.0	24*3.8*10	4
	65	150	1/2 BSP	2.0	24*3.8*10	4
	117	150	1/2 BSP	2.0	24*3.8*10	5
	127	150	1/2 BSP	2.0	24*3.8*10	5

DURALUMINIUM EXTENSION ROD

Core drill bit extensions are Convenient for fast assembling for diamond core drill bits to drill deeper in concrete, reinforced concrete, brick, block and masonry.



DURALUMINIUM EXTENSION ROD

	Description	Art Number	Effective Length (MM)
	Female 1-1/4" Thread To Male 1-1/4" Thread	5190010453	100
	Female 1-1/4" Thread To Male 1-1/4" Thread	5190010454	200
	Female 1-1/4" Thread To Male 1-1/4" Thread	5190010455	300
	Female 1-1/4" Thread To Male 1-1/4" Thread	5190010456	400
	Female 1-1/4" Thread To Male 1-1/4" Thread	5190010457	500
	Female 1-1/4" Thread To Male 1-1/4" Thread	5190010448	100
	Female 1-1/4" Thread To Male 1-1/4" Thread	5190010449	200
	Female 1-1/4" Thread To Male 1-1/4" Thread	5190010450	300
	Female 1-1/4" Thread To Male 1-1/4" Thread	5190010451	400
	Female 1-1/4" Thread To Male 1-1/4" Thread	5190010452	500

ACCESSORY



Description	Art Number	Diameter (MM)
SDS plus to 1/2BSP (M16/5/8-11") for taper drill	2610002	100
SDS plus to 1/2BSP (M16/5/8-11") for taper drill	2610004	115
SDS plus to 1/2BSP (M16/5/8-11") for taper drill	2610006	120
SDS plus to 1/2BSP (M16/5/8-11") for taper drill	2610008	200
SDS plus to 1/2BSP (M16/5/8-11") for taper drill	2610010	240
SDS plus to 1/2BSP (M16/5/8-11") for taper drill	2610012	300
SDS plus to 1/2BSP (M16/5/8-11") for taper drill	2610014	400
HEX to1/2BSP (M16/M22/5/8-11") for taper drill	2610102	88
HEX to1/2BSP (M16/M22/5/8-11") for taper drill	2610104	100
HEX to1/2BSP (M16/M22/5/8-11") for taper drill	2610106	115
HEX to1/2BSP (M16/M22/5/8-11") for taper drill	2610108	120
HEX to1/2BSP (M16/M22/5/8-11") for taper drill	2610110	200
HEX to1/2BSP (M16/M22/5/8-11") for taper drill	2610112	240
HEX to1/2BSP (M16/M22/5/8-11") for taper drill	2610114	300
HEX to1/2BSP (M16/M22/5/8-11") for taper drill	2610116	400
SDS Max to 1 1/4UNC	2610202	200
SDS Max to 1 1/4UNC	2610204	240
SDS Max to 1 1/4UNC	2610206	300
SDS Max to 1 1/4UNC	2610208	400
SDS Max to 1 1/4UNC	2610210	500
SDS Max to1/2BSP (M16/5/8-11") for taper drill	2610302	200
SDS Max to1/2BSP (M16/5/8-11") for taper drill	2610304	240
SDS Max to1/2BSP (M16/5/8-11") for taper drill	2610306	300
SDS Max to1/2BSP (M16/5/8-11") for taper drill	2610308	400
SDS plus to M22 for taper drill	2610402	100
SDS plus to M22 for taper drill	2610404	115
SDS plus to M22 for taper drill	2610406	120
SDS plus to M22 for taper drill	2610408	200
SDS plus to M22 for taper drill	2610410	240
SDS plus to M22 for taper drill	2610412	300
SDS plus to M22 for taper drill	2610414	400
SDS plus to M16/1/2BSP/5/8-11" for Straight shank drill	2610502	100
SDS plus to M16/1/2BSP/5/8-11" for Straight shank drill	2610504	120
SDS plus to M16/1/2BSP/5/8-11" for Straight shank drill	2610506	200
SDS plus to M16/1/2BSP/5/8-11" for Straight shank drill	2610508	240
SDS plus to M16/1/2BSP/5/8-11" for Straight shank drill	2610510	300
SDS plus to M16/1/2BSP/5/8-11" for Straight shank drill	2610512	400

ACCESSORY



Description	Art Number	Diameter (MM)
HEX to M16/1/2BSP/5/8-11" for Straight shank drill	2610601	88
SDS plus to 1/2BSP (M16/5/8-11") for taper drill	2610602	100
SDS plus to 1/2BSP (M16/5/8-11") for taper drill	2610604	120
SDS plus to 1/2BSP (M16/5/8-11") for taper drill	2610606	200
SDS plus to 1/2BSP (M16/5/8-11") for taper drill	2610608	240
SDS plus to 1/2BSP (M16/5/8-11") for taper drill	2610610	300
SDS plus to 1/2BSP (M16/5/8-11") for taper drill	2610612	400
SDS Plus to 1/2" BSP Female	2611002	100
SDS Max to 1/2" BSP Female	2612002	200
Hex Adaptor to 1/2" BSP Female	2613002	100
SDS Max to 1/2" BSP(M16,M22,5/8-11") Male	2614002	120
3 Sided 3/8" SHANK TO 5/8-11 Male	2615002	70
Drift key	2616002	8*70
A Taper Guide Rod 210mm	2617002	210
Straight shank drill	2618000	8*120
A Taper drill	2618001	8*120
A Taper drill	2618002	10x200
A Taper drill	2618003	10x210
A Taper drill	2618004	10x300
A Taper drill	2618006	10x450
A Taper drill	2618008	13x230
3pcs drill bit adaptor for dry core bits	2619002	Taper drill 6.5x120
3pcs drill bit adaptor for dry core bits	2619004	SDS plus +M16 *100
3pcs drill bit adaptor for dry core bits	2619006	Drift key

ACCESSORY





Description	Art Number	Diameter(MM)
1 1/4UNC male to 1 1/4UNC female round shank	2620002	150
1 1/4UNC male to 1 1/4UNC female round shank	2620004	200
1 1/4UNC male to 1 1/4UNC female round shank	2620006	250
1 1/4UNC male to 1 1/4UNC female round shank	2620008	300
1 1/4UNC male to 1 1/4UNC female round shank	2620010	350
1 1/4UNC male to 1 1/4UNC female round shank	2620012	400
1 1/4UNC male to 1 1/4UNC female round shank	2620014	450
1 1/4UNC male to 1 1/4UNC female round shank	2620016	500
1 1/4UNC male to 1 1/4UNC female round shank	2620018	550
1 1/4UNC male to 1 1/4UNC female hexagonal shank	2621002	150
1 1/4UNC male to 1 1/4UNC female hexagonal shank	2621004	200
1 1/4UNC male to 1 1/4UNC female hexagonal shank	2621006	250
1 1/4UNC male to 1 1/4UNC female hexagonal shank	2621008	300
1 1/4UNC male to 1 1/4UNC female hexagonal shank	2621010	350
1 1/4UNC male to 1 1/4UNC female hexagonal shank	2621012	400
1 1/4UNC male to 1 1/4UNC female hexagonal shank	2621014	450
1 1/4UNC male to 1 1/4UNC female hexagonal shank	2621016	500
1 1/4UNC male to 1 1/4UNC female hexagonal shank	2621018	550
1/2BSP (M16/5/8-11") male to 1/2BSP (M16/5/8-11") female	2622002	150
1/2BSP (M16/5/8-11") male to 1/2BSP (M16/5/8-11") female	2622004	200
1/2BSP (M16/5/8-11") male to 1/2BSP (M16/5/8-11") female	2622006	250
1/2BSP (M16/5/8-11") male to 1/2BSP (M16/5/8-11") female	2622008	300
1/2BSP (M16/5/8-11") male to 1/2BSP (M16/5/8-11") female	2622010	350
1/2BSP (M16/5/8-11") male to 1/2BSP (M16/5/8-11") female	2622012	400
1/2BSP (M16/5/8-11") male to 1/2BSP (M16/5/8-11") female	2622014	450
1/2BSP (M16/5/8-11") male to 1/2BSP (M16/5/8-11") female	2622016	500
1/2BSP (M16/5/8-11") male to 1/2BSP (M16/5/8-11") female	2622018	550
1/2BSP female to 1 1/4UNC female	2623002-Hex	100
1/2BSP female to 1 1/4UNC female	2624002-Round	100

ACCESSORY





Description	Art Number	Diameter(MM)
1 1/4UNC female to1/2BSP (M16/ 1/2BSP) male	2625002	100
1 1/4UNC female to1/2BSP (M16/ 1/2BSP) male	2625004	120
1 1/4UNC male to M22	2626002	90-100
1 1/4UNC male to 1/2BSP male	2627002-Hex	105
1 1/4UNC male to 1/2BSP male	2627004-Round	100
1/2BSP male to 1/2BSP (5/8-11/ M16) male	2628002	
1/2BSP (5/8-11/ M16) female to 1/2BSP (5/8-11/ M16) female	2629002	
BL to 1 1/4UNC M & 1/2 BSP F	2610028	
Bl to 1 1/4UNC M & 1/2 BSP F	2610030	
Bl to 1/2 BSP F	2610032	
Bl to PIXIE M& 1/2 BSP F	2610034	
"6 slot to 1 1/4UNC M & 1/2 BSP F"	2610036	
6 slot to PIXI M& 1/2 BSP F	2610038	
Spline to 1 1/4UNC M	2610040	
BL to M41	2610042	
Bl to 1/2 BSP M	2610044	

DIAMOND BLADES

Bycon diamond blades are designed for fast cutting speed, long service life and better cutting performance when cutting reinforced concrete, aspalt, tile, brick and other minerals.



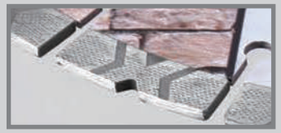
Item		Specifiaction	Life	Speed	Material
Laser Welded Universal Blade		STR-X	★★★★★	★★★★★	CURED CONCRETE / REINFORCED CONCRETE / STONE / PAVER / BLOCK / BRICK
		V-TYPE	★★★★	★★★★	CURED CONCRETE / REINFORCED CONCRETE / STONE / PAVER / BLOCK / BRICK
		ADVANCED TURBO	★★★★	★★★	CURED CONCRETE / REINFORCED CONCRETE / STONE / PAVER / BLOCK / BRICK
		ECO	★★★	★★★	CURED CONCRETE / REINFORCED CONCRETE / STONE / PAVER / BLOCK / BRICK
Laser Welded Wall Saw Blade		STR CASTLE	★★★★★	★★★★	CURED CONCRETE / REINFORCED CONCRETE / STONE / PAVER / BLOCK / BRICK
		STR RHOMBUS	★★★★★	★★★★	CURED CONCRETE / REINFORCED CONCRETE / STONE / PAVER / BLOCK / BRICK
		STR-W	★★★★★	★★★★★	CURED CONCRETE / REINFORCED CONCRETE / STONE / PAVER / BLOCK / BRICK
Laser Welded Concrete Blade		V-TYPE	★★★★	★★★★	CURED CONCRETE / REINFORCED CONCRETE
		STR-X	★★★★★	★★★★★	CURED CONCRETE / REINFORCED CONCRETE
Laser Welded Asphalt Blade		H 12MM	★★★	★★★★	ASPHALT
		H 15MM	★★★★	★★★★	ASPHALT
Laser Welded Slient Blade		GRANITE BLADE	★★★★★	★★★★★	GRANITE
		QUARTZ BLADE	★★★★★	★★★★★	QUARTZ

STR TECHNOLOGY

STR TECHNOLOGY

FASTER SMOOTHER MORE STABLE CUTTING

STR Technology precisely arranges diamond particles within the segment to create a more effective cutting pattern. This improves diamond utilization, enhances cutting efficiency and stability, and promotes more consistent segment wear.



PRECISE DIAMOND ARRANGEMENT



STR-X UNIVERSAL DIAMOND BLADE



*LASER WELDED	Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
	3090350050	125	22.23	1.4	30x2.2x12	10
	3090350051	150	22.23	1.6	32x2.2x12	12
	3090350052	180	22.23	1.8	32x2.4x12	14
	3090350053	230	22.23	1.8	38x2.5x12	16
	3090350054	250	25.4	2.0	40x2.8x12	18
	3090350055	300	25.4	2.4	40x3.2x12	21
	3090160084	350	25.4	2.4	40x3.2x12	24
	3090350056	400	25.4	2.6	40x3.2x12	28
	3090350057	450	25.4	2.8	40x3.6x12	30
	3090350058	500	25.4	2.8	40x3.6x12	35
	3090350059	600	25.4	3.0	40x4.2x12	42

V-TYPE UNIVERSAL DIAMOND BLADE



*LASER WELDED	Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
	3090350060	125	22.23	1.4	32x12x2.2	9
	3090350061	150	22.23	1.6	32x12x2.4	11
	3090350062	180	22.23	1.8	32x12x2.4	14
	3090350063	230	22.23	1.8	38x12x2.5	16
	3090350064	250	25.4	2.0	40x12x3.0	18
	3090350065	300	25.4	2.4	40x12x3.2	21
	3090350066	350	25.4	2.4	40x12x3.2	24
	3090350067	400	25.4	2.6	40x12x3.3	27
	3090350068	450	25.4	2.8	40x12x3.6	30
	3090350069	500	25.4	2.8	40x12x3.6	35
	3090350070	600	25.4	3.0	40x12x4.0	42

ADVANCED TURBO UNIVERSAL DIAMOND BLADE



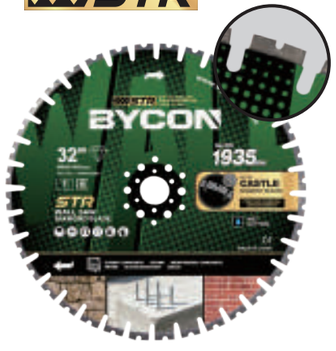
*LASER WELDED	Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
	3090350071	125	22.23	1.4	30x2.2x12	10
	3090350072	150	22.23	1.6	32x2.2x12	12
	3090350073	180	22.23	1.8	32x2.4x12	14
	3090160086	230	22.23	1.8	38x2.5x12	16
	3090350074	250	25.4	2.0	40x2.8x12	18
	3090350075	300	25.4	2.4	40x3.2x12	21
	3090350076	350	25.4	2.4	40x3.2x12	24
	3090350077	400	25.4	2.6	40x3.2x12	28
	3090350078	450	25.4	2.8	40x3.6x12	30
	3090350079	500	25.4	2.8	40x3.6x12	35
	3090350080	600	25.4	3.0	40x4.2x12	42

ECO UNIVERSAL DIAMOND BLADE



*LASER WELDED	Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
	3090350081	125	22.23	1.4	30x2.2x10	9
	3090350082	230	22.23	1.8	38x2.2x10	16
	3090350083	300	25.4	2.2	40x3.0x10	24
	3090350084	350	25.4	2.2	40x3.2x10	24
	3090350085	400	25.4	2.4	40x3.4x10	28
	3090350086	450	25.4	2.8	40x3.6x10	32
	3090350087	500	25.4	3.0	40x3.8x10	36
	3090350088	600	25.4	3.5	40x4.4x10	42

STR CASTLE WALL SAW BLADE

*LASER WELDED	Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
STR	3090350017	500	60	3.8	40x4.8x15	30
	3090350018	600	60	3.8	40x4.8x15	36
	3090350019	700	60	3.8	40x4.8x15	39
	3090350020	800	60	3.8	40x4.8x15	46
	3090350021	900	60	3.8	40x4.8x15	52
	3090350022	1000	60	3.8	40x4.8x15	56
	3090350023	1100	60	3.8	40x4.8x15	62
	3090350024	1200	60	3.8	40x4.8x15	68
	3090350025	1300	60	3.8	40x4.8x15	72
	3090350026	1400	60	3.8	40x4.8x15	80
	3090350027	1600	60	3.8	40x4.8x15	96

STR RHOMBUS WALL SAW BLADE

*LASER WELDED	Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
STR	3090350028	500	60	3.8	40x4.8x13.5	30
	3090350029	600	60	3.8	40x4.8x13.5	36
	3090350030	700	60	3.8	40x4.8x13.5	39
	3090350031	800	60	3.8	40x4.8x13.5	46
	3090350032	900	60	3.8	40x4.8x13.5	52
	3090350033	1000	60	3.8	40x4.8x13.5	56
	3090350034	1100	60	3.8	40x4.8x13.5	62
	3090350035	1200	60	3.8	40x4.8x13.5	68
	3090350036	1300	60	3.8	40x4.8x13.5	72
	3090350037	1400	60	3.8	40x4.8x13.5	80
	3090350038	1600	60	3.8	40x4.8x13.5	96

STR-W WALL SAW BLADE

*LASER WELDED	Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
STR	3090350039	500	60	3.8	40x4.8x13.5	30
	3090350040	600	60	3.8	40x4.8x13.5	36
	3090350041	700	60	3.8	40x4.8x13.5	39
	3090350042	800	60	3.8	40x4.8x13.5	46
	3090350043	900	60	3.8	40x4.8x13.5	52
	3090350044	1000	60	3.8	40x4.8x13.5	56
	3090350045	1100	60	3.8	40x4.8x13.5	62
	3090350046	1200	60	3.8	40x4.8x13.5	68

STR-W WALL SAW BLADE

*LASER WELDED	Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
	3090350047	1300	60	3.8	40x4.8x13.5	72
	3090350048	1400	60	3.8	40x4.8x13.5	80
	3090350049	1600	60	3.8	40x4.8x13.5	96

STR SILENT GRANITE DIAMOND BLADE

*LASER WELDED	Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
STR	3090350001	300	22.23	1.4	30x2.2x12	10
	3090350002	350	22.23	1.6	32x2.2x12	12
	3090050093	400	22.23	1.8	32x2.4x12	14
	3090350003	500	22.23	1.8	38x2.5x12	16

STR SILENT QUARTZ DIAMOND BLADE

*LASER WELDED	Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
STR	3090350004	300	22.23	1.4	30x2.2x12	10
	3090350005	350	22.23	1.6	32x2.2x12	12
	3090050094	400	22.23	1.8	32x2.4x12	14
	3090350006	500	22.23	1.8	38x2.5x12	16



SILENT DIAMOND BLADE

Featuring a sandwich silent core, the blade effectively reduces vibration and noise generated during cutting, delivering a quieter and smoother cutting experience.

SANDWICH SILENT CORE | LOWER NOISE | REDUCED VIBRATION | STABLE CUTTING

STR-W CONCRETE DIAMOND BLADE



*LASER WELDED	Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
STR	3090350012	300	25.4	2.4	40x3.2x12	21
	3090350013	350	25.4	2.4	40x3.2x12	24
	3090350014	400	25.4	2.6	40x3.2x12	28
	3090350015	500	25.4	2.8	40x4.2x12	35
	3090350016	600	25.4	3.0	40x4.2x12	42

V-TYPE CONCRETE DIAMOND BLADE



*LASER WELDED	Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
	3090350007	300	25.4	2.4	40x3.2x12	21
	3090350008	350	25.4	2.4	40x3.2x12	24
	3090350009	400	25.4	2.6	40x3.3x12	27
	3090350010	500	25.4	2.8	40x3.6x12	35
	3090350011	600	25.4	3.0	40x4.0x12	40

ASPHALT DIAMOND BLADE



*LASER WELDED	Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
	3090350089	300	25.4	2.4	40x3.2x12	18
	3090350090	350	25.4	2.4	40x3.2x12	21
	3090350091	400	25.4	2.6	40x3.2x12	24
	3090350092	450	25.4	2.8	40x3.6x12	28
	3090350093	500	25.4	2.8	40x3.6x12	32
	3090350094	600	25.4	3.0	40x4.2x12	36
H15 MM						
	3090350095	300	25.4	2.4	40x3.2x15	18
	3090020110	350	25.4	2.4	40x3.2x15	24
	3090350096	400	25.4	2.6	40x3.2x15	24
	3090350097	450	25.4	2.8	40x3.6x15	28
	3090350098	500	25.4	2.8	40x3.6x15	32
	3090350099	600	25.4	3.0	40x4.2x15	36

TILE DRY CUTTING BLADE-TA



Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)
3090350100	115	22.23	1.6	1.1
3090350101	125	22.23	1.6	1.1

TILE DRY CUTTING BLADE-TB





Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)
3090350102	105	22.23	0.8	1.2
3090350103	115	22.23	0.8	1.2
3090350104	125	22.23	0.8	1.2
3090350105	150	22.23 / 25.4	1.2	1.6
3090350106	180	22.23 / 25.4	1.2	1.6
3090350107	200	22.23 / 25.4	1.4	1.8
3090350108	230	22.23 / 25.4	1.4	1.8
3090350109	250	25.4	1.6	2.0
3090350110	300	25.4	1.6	2.0

CUT AND GRIND BLADE-VA



Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)
3090350111	115	22.23	1.9
3090350112	125	22.23	1.9

CUT AND GRIND BLADE-VB



Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)
3090350113	115	22.23	1.6
3090350114	125	22.23	1.6

COLD PRESSING UNIVERSAL BLADE-PA



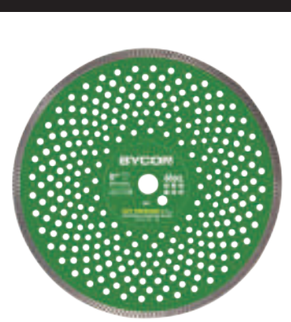
Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
3090350145	115	22.23	1.4	30×10×2.2	8
3090350146	125	22.23	1.4	30×10×2.2	9
3090350147	150	22.23	1.4	30×10×2.2	11
3090350148	180	22.23	1.4	30×10×2.2	14
3090350149	230	22.23	1.8	38×10×2.4	16

COLD PRESSING UNIVERSAL BLADE-PB



Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
3090350145	115	22.23	1.4	30×10×2.2	8
3090350146	125	22.23	1.4	30×10×2.2	9
3090350147	150	22.23	1.4	30×10×2.2	11
3090350148	180	22.23	1.4	30×10×2.2	14
3090350149	230	22.23	1.8	38×10×2.4	16

HOT PRESSING UNIVERSAL BLADE-CONTINUOUS RIM



Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)
3090350115	115	20 / 22.23	2.2	10
3090350116	125	20 / 22.23	2.2	10
3090350117	150	20 / 22.23	2.4	10
3090350118	180	20 / 22.23	2.8	10
3090350119	230	20 / 22.23	2.8	10
3090350120	250	20 / 22.23	3.0	10
3090350121	300	20 / 22.23 / 25.4	3.2	10
3090350122	350	20 / 22.23 / 25.4	3.2	10
3090350123	350	20 /22.23 / 25.4	3.2	12

HOT PRESSING UNIVERSAL BLADE-SEGMENTED RIM XA



Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
3090350124	115	22.23	1.4	30×10×2.2	9
3090350125	125	22.23	1.4	30×10×2.2	10
3090350126	150	22.23	1.4	30×10×2.2	12
3090350127	180	22.23	1.6	30×10×2.2	16
3090350128	230	22.23	1.8	30×10×2.2	18
3090350129	300	25.4	2.2	30×10×2.2	24
3090350130	350	25.4	2.2	30×10×2.4	24

HOT PRESSING UNIVERSAL BLADE-SEGMENTED RIM XB



Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
3090350131	115	22.23	1.4	30×10×2.2	9
3090350132	125	22.23	1.4	30×10×2.2	10
3090350133	150	22.23	1.4	30×10×2.2	12
3090350134	180	22.23	1.6	30×10×2.2	16
3090350135	230	22.23	1.8	30×10×2.2	18
3090350136	300	25.4	2.2	30×10×2.2	24
3090350137	350	25.4	2.2	30×10×2.4	24

HOT PRESSING UNIVERSAL BLADE-SEGMENTED RIM XC



Art Number	Diameter (MM)	Arbor Hole (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
3090350138	115	22.23	1.4	30×10×2.2	9
3090350139	125	22.23	1.4	30×10×2.2	10
3090350140	150	22.23	1.4	30×10×2.2	12
3090350141	180	22.23	1.6	30×10×2.2	16
3090350142	230	22.23	1.8	30×10×2.2	18
3090350143	300	25.4	2.2	30×10×2.2	24
3090350144	350	25.4	2.2	30×10×2.4	24

RINGSAW BLADE



	Segment Type	Art Number	Diameter (MM)	Thickness of blades (MM)	Segment size (MM)	Segments Qty
For BYCON	STR	3090350163	423	3.2	32x12x4.2	30
For Husqvarna	STR	3090350157	370	3.2	32x12x4.2	22
	STR	3090350158	425	3.2	32x12x4.2	30
	Normal	3090350155	370	3.2	32x12x4.2	22
	Normal	3090350156	425	3.2	32x12x4.2	30
For Weka	STR	3090350160	410	3.2	24x12x3.2	30
	Normal	3090350159	410	3.2	24x12x3.2	30
For Hycon	STR	3090350163	300	3.2	32x12x4.2	20
	STR	3090350164	410	3.2	24x12x4.2	30
	Normal	3090350161	300	3.2	32x12x4.2	20
	Normal	3090350162	410	3.2	24x12x4.2	30
For ACG	Normal	3090350165	410	3.2	24x12x4.2	30
	Normal	3090350166	500	3.6	32x12x4.6	32
	Normal	3090350167	600	4.0	32x12x5.2	36

DIAMOND WIRE



BWS / BWP

This is construction diamond wire, sharp and durable, with sintered beads are widely used in construction demolition, metro and bridge, etc

SPECIFICATION

Model	BWS	BWP
Art No	4020010	4020020
Application	Reinforced concrete	Highly reinforced concrete
Type	Sintered	Sintered
Fixed mode	Spring+Rubber	Spring+Rubber
Beads(pcs/m)	40	40
Beads dia.(mm)	11.5	11.5
Net weight(kg/roll)	20	20
Package size(mm)	300x300x250	300x300x250
Recommended equipment	22KW-30KW hydraulic diamond wire machine , 15kw electric diamond wire machine	≥30KW hydraulic diamond wire machine, 15kw electric diamond wire machine

APPLICATION

The construction diamond wire with sintered beads are designed for cutting highly reinforced concrete, reinforced concrete and concrete;

Recommended for wet use. Comparing with the traditional processing, its advantages are more ecomomic, high efficiency of cutting, saving energy and more environmental protection;



BWS/BWP SERIES



Sintered beads



Straight connector



Rubber



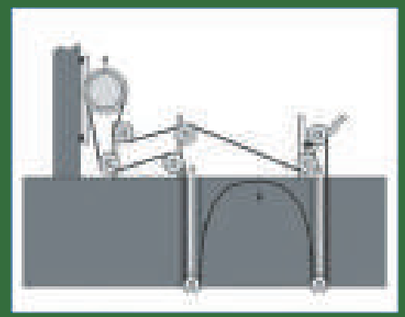
Spring



INSTALLTION

According to determined cutting mode, wind the wire saw, in the driving wheel and supporting wheel in a certain order.

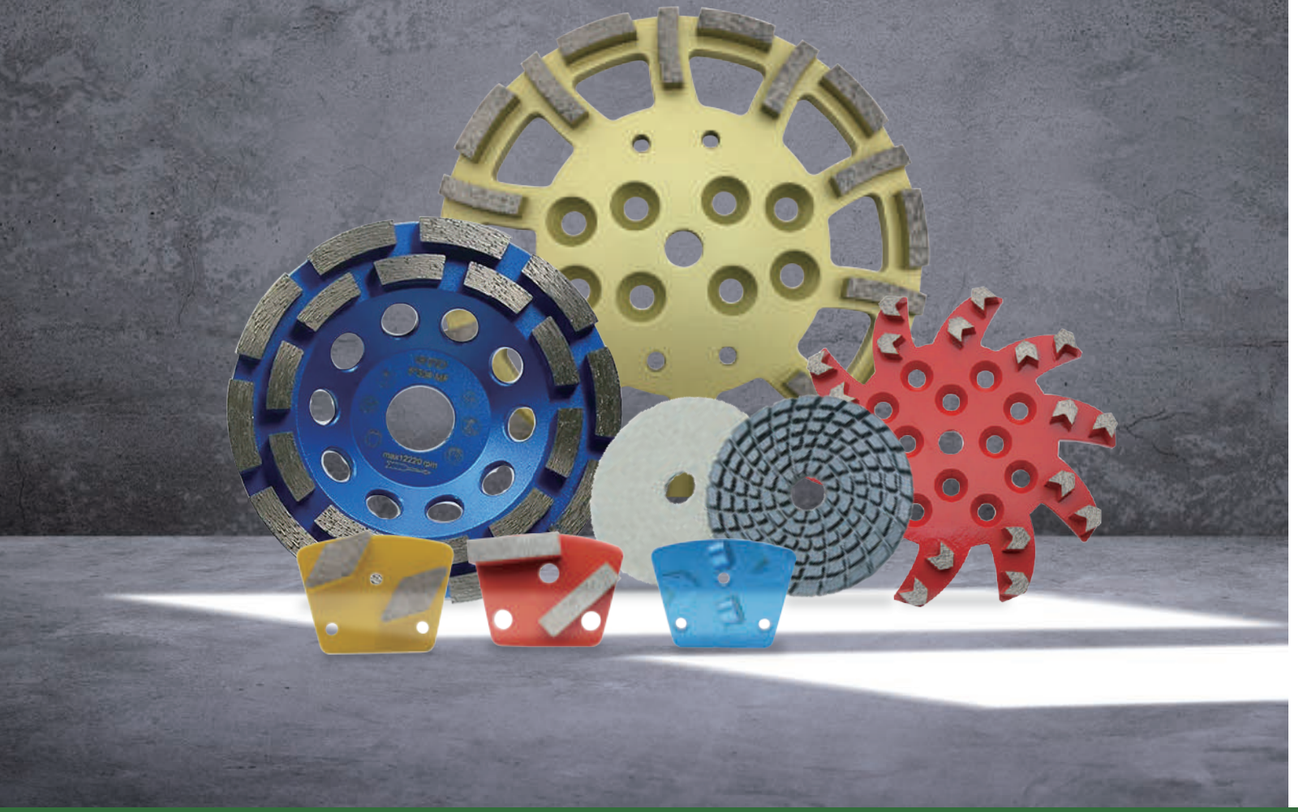
*Attention: the rope and the driving wheels must be in the same direction.



BYCON

GRINDING TOOLS

Grinding is used to remove high spots and imperfection on the concrete surface. Bycon offer different diamond grinding tools for sale with diversity sizes and design of segment.
They are designed to be used for dry or wet grinding of concrete and other masonry materials to smooth uneven surfaces and remove flashing. The diamond matrix provides the life of conventional abrasives and allows for more aggressive material removal.



10’’ GRINDING HEAD

Bycon Grinding head are designed to give optimum performance in concrete preparation, levelling concrete surfaces and removal of various thin coatings. Various grits for choice and Soft, Medium,Hard, Very Hard bond for choice based on your surface preparation request.



Art Number	Diameter (MM)	Segment (MM)	Grit	Bond
3033250	250	10T×40×10×10	6#	S/M/H
	250	10T×40×10×10	16#	S/M/H
	250	10T×40×10×10	30#	S/M/H



Art Number	Diameter (MM)	Segment (MM)	Grit	Bond
3034250	250	20T×40×10×10	6#	S/M/H
	250	20T×40×10×10	16#	S/M/H
	250	20T×40×10×10	30#	S/M/H



Art Number	Diameter (MM)	Segment (MM)	Grit	Bond
3037250	250	12T×10	6#	S/M/H
	250	12T×10	16#	S/M/H
	250	12T×10	30#	S/M/H



Art Number	Diameter (MM)	Segment (MM)	Grit	Bond
3038250	250	10T×10	6#	S/M/H
	250	10T×10	16#	S/M/H
	250	10T×10	30#	S/M/H



Art Number	Diameter (MM)	Segment (MM)	Grit	Bond
3039250	250	20T×10	6#	S/M/H
	250	20T×10	16#	S/M/H
	250	20T×10	30#	S/M/H

GRINDING WHEEL

Available with soft to hard bonds for various applications.
Various grits for choice and Very Soft, Soft, Medium,Hard, Very Hard bond for choice based on your surface preparation request.
The cup wheel are provided with 22.3mm bore holes and M14 adapter optional in order to provide more application.
Cup wheel color is optional.



Art Number	Diameter (inch)	Segment (MM)	Grit	Shape
3032501	4"	8T×5	30#	Single row cup wheels
3032502	5"	10T×5	30#	Single row cup wheels
3032503	7"	14T×5	30#	Single row cup wheels



Art Number	Diameter (inch)	Segment (MM)	Grit	Shape
3032504	4"	16T×5	30#	Double row cup wheels
3032505	5"	20T×5	30#	Double row cup wheels
3032506	7"	28T×5	30#	Double row cup wheels



Art Number	Diameter (inch)	Segment (MM)	Grit	Shape
3032507	7"	6T×10	30#	Big curved cup wheels



Art Number	Diameter (inch)	Segment (MM)	Grit	Shape
3032508	4"	5T×6	30#	L shape cup wheels
3032509	5"	7T×6	30#	L shape cup wheels
3032510	7"	9T×6	30#	L shape cup wheels



Art Number	Diameter (inch)	Segment (MM)	Grit	Shape
3032511	4"	8T×5	30#	T shape cup wheels
3032512	5"	9T×5	30#	T shape cup wheels
3032513	7"	14T×5	30#	T shape cup wheels

GRINDING WHEEL



Art Number	Diameter (inch)	Segment (MM)	Grit	Shape
3032514	4"	9T×5	30#	Turbo cup wheels
3032515	4"	18T×5	30#	Turbo cup wheels
3032516	5"	9T×5	30#	Turbo cup wheels
3032517	5"	18T×5	30#	Turbo cup wheels
3032518	7"	12T×5	30#	Turbo cup wheels
3032519	7"	24T×5	30#	Turbo cup wheels
3032520	10"	24T×5	30#	Turbo cup wheels



Art Number	Diameter (inch)	Segment (MM)	Grit	Shape
3032521	6"	7T×6	30#	Cup wheel
3032522	5"	7T×6	30#	Cup wheel
3032523	6"	9T×6	30#	Cup wheel



Art Number	Diameter (inch)	Segment (MM)	Grit	Shape
3042182	7"	3T×8	30#	TGP cup wheel

It's suitable for floor grinder DFG-480



Art Number	Diameter (inch)	Segment (MM)	Grit	Shape
3042185	7"	6T×8	30#	TGP cup wheel
3042191	7"	6T×10	30#	TGP cup wheel
3042197	10"	6T×10	30#	TGP cup wheel

3042185/ 3042191 It's suitable for floor grinder DFG-480.



Art Number	Diameter (inch)	Segment (MM)	Grit	Shape
3042188	7"	9T×8	30#	TGP cup wheel
3042194	7"	9T×10	30#	TGP cup wheel
3042200	10"	9T×10	30#	TGP cup wheel

3042200 is suitable for floor grinder DFG-250 series.

GRINDING WHEEL

Art Number	Diameter (inch)	Segment (MM)	Grit	Shape
3033125	5"	16T×5	30#	Golden cup wheel
3033180	7"	24T×5	30#	Golden cup wheel



GRINDING SHOES

Bycon provide a wide range of concrete grinding shoes with various metal-bond hardness and grits sizes. It's ideal grinding tools for all kinds surface preparetion applications.

Features:
1. Made of good quality diamond material, possess smooth surface.
2. Produced with exquisite workmanship, of sharpness, durable for a long service life.
3. Different connection methods available and customized ability on segment shape.



Rectangle 2T×40×10×10mm | Diamond 2T×37×18×13mm | Round 2T×24×13mm | Arrow 2T×12mm | Coffin 2T×34×16×13mm

	Art Number	Segment (MM)	Grit	Bond	Connector
	30412530	2T×32.5×14×13	30#	VS/S/M/H/VH	Redi-lock
	30412520	2T×32.5×14×13	20# / 25#	VS/S/M/H/VH	Redi-lock
	30412516	2T×32.5×14×13	16#	VS/S/M/H/VH	Redi-lock



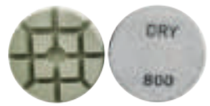
	Art Number	Segment (MM)	Grit	Bond	Connector
	30412530D	2T×32.5×14×13	30#	VS/S/M/H/VH	Redi-lock
	30412520D	2T×32.5×14×13	20# / 25#	VS/S/M/H/VH	Redi-lock
	30412516D	2T×32.5×14×13	16#	VS/S/M/H/VH	Redi-lock



POLISHING PAD

Polishing pad delivering excellent gloss and clarity when use for wet and dry polishing in conrete, marble, terrazzo and other hard materials. Resin-bonded polishing pads capable for all our floor grinders.

	Art Number	Diameter (inch)	Diamond (MM)	Grit
	3042212	3"	12	50# ~ 3000#



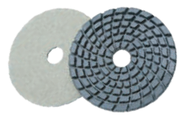
	Art Number	Diameter (inch)	Diamond (MM)	Grit
	3042213	3"	10	50# ~ 3000#



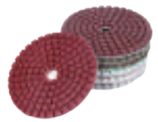
	Art Number	Diameter (inch)	Diamond (MM)	Grit
	3042214	4"	3	50# ~ 3000#



	Art Number	Diameter (inch)	Diamond (MM)	Grit
	3042215	4"	3	50# ~ 3000#
	3042216	5"	3	50# ~ 3000#



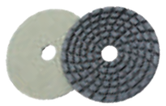
	Art Number	Diameter (inch)	Diamond (MM)	Grit
	3042217	5"	3	50# ~ 3000#



	Art Number	Diameter (inch)	Diamond (MM)	Grit
	3042220	9"	3	50# ~ 3000#



	Art Number	Diameter (inch)	Diamond (MM)	Grit
	3042221	11"	5.5	50# ~ 3000#



PCD GRINDING SHOES

To remove all type of coatings such as paint, varnish,glue, epoxy, acrylic, screed residue, VCT mastic,black tar adhesive as well as thick rubbery materials on the floor.
With high efficient for the toughest situation.
Can fit all world-wide floor grinding machines with different holders.
We also provide customization services to fulfill any special requirement.

Art No:3043x0x, please provide your design and installation way.



PCD CUP WHEEL

Removal of epoxy, vinyls and glues.
The anti-vibration connector makes operation less exhausting. Very stable.
High removal rate.
We also provide customization service to fulfill any special requirement.

Gold PCD	Art Number	Diameter (MM)	Segment (MM)	Segment Qty
	3032410	180	40×10×10	6T
	3032411	180	40×10×10	3T

Black PCD	Art Number	Diameter (MM)	PCD (MM)	PCD Qty
	3032125	125	1.5×3×4	9
	3032180	180	1.5×3×4	12

Blue PCD	Art Number	Diameter (MM)	PCD (MM)	PCD Qty
	3033125	125	1.5×3×4	6
	3033180	180	1.5×3×4	6