

DUPRO

Catalogue 2008



DuPro

DIAMOND TOOLS

CONCRETE



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- TURBO
- CONTINUOUS RIM

PRO SERIES 04

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WHY DUPRO DISCS

Safety

All blades are manufactured strictly according to EN13236, all approved by MPA.

A high safety level not only gives you the highest protection but also enables you to work more aggressively and increase efficiency.

In general, you can have more confidence in your DuPro tools.

Efficiency

Time is money. Effort is cost. Based on this simple concept, all DuPro blades are designed and manufactured to the highest quality for fast and easy cutting.

Life and Cost

Fast is not enough. The durability of our blades drive the cost per cut to be the most cost effective, as well as saving time for blade changes.

Best Performance

There may be different explanations of performance for so many different blades, but the fact is simple.

Abrasives	Brittle	⇒	Medium	⇒	Tough
Bond	soft	⇒	Medium	⇒	Hard
Machine power	Low	⇒	Medium	⇒	High
Performance	Best		Best		Best

DuPro range of blades will provide the best solutions after comprehensive testing and comparisons. We guarantee the best performance when using the proper blades for the suggested purposes and suggested machines.

Stability

The strict selection of raw materials and manufacturing standards enables us to maintain consistently high quality production for all of our manufactured goods.

HOW TO CHOOSE DUPRO WHEELS

DuPro wheels are developed for a whole range of materials, eg.

- Concrete
- Reinforced concrete
- Asphalt
- Granite
- Marble
- Tile
- Brick
- Construction steels

for all masonry applications such as

- Building contractors
- Road maintenance
- Steel construction
- Installation work
- Roofers
- Tilers
- Ambitious D.I.Y. professionals



DuPro tools have provided a simple color coding system to help customers in their selection of the right blades.



Blue color for application for reinforced concrete and metal.



Grey color for application for concrete, bricks, blocks, pavers.



Green color for applications for tile, granite and marble.



Black color for applications as asphalt, green concrete.

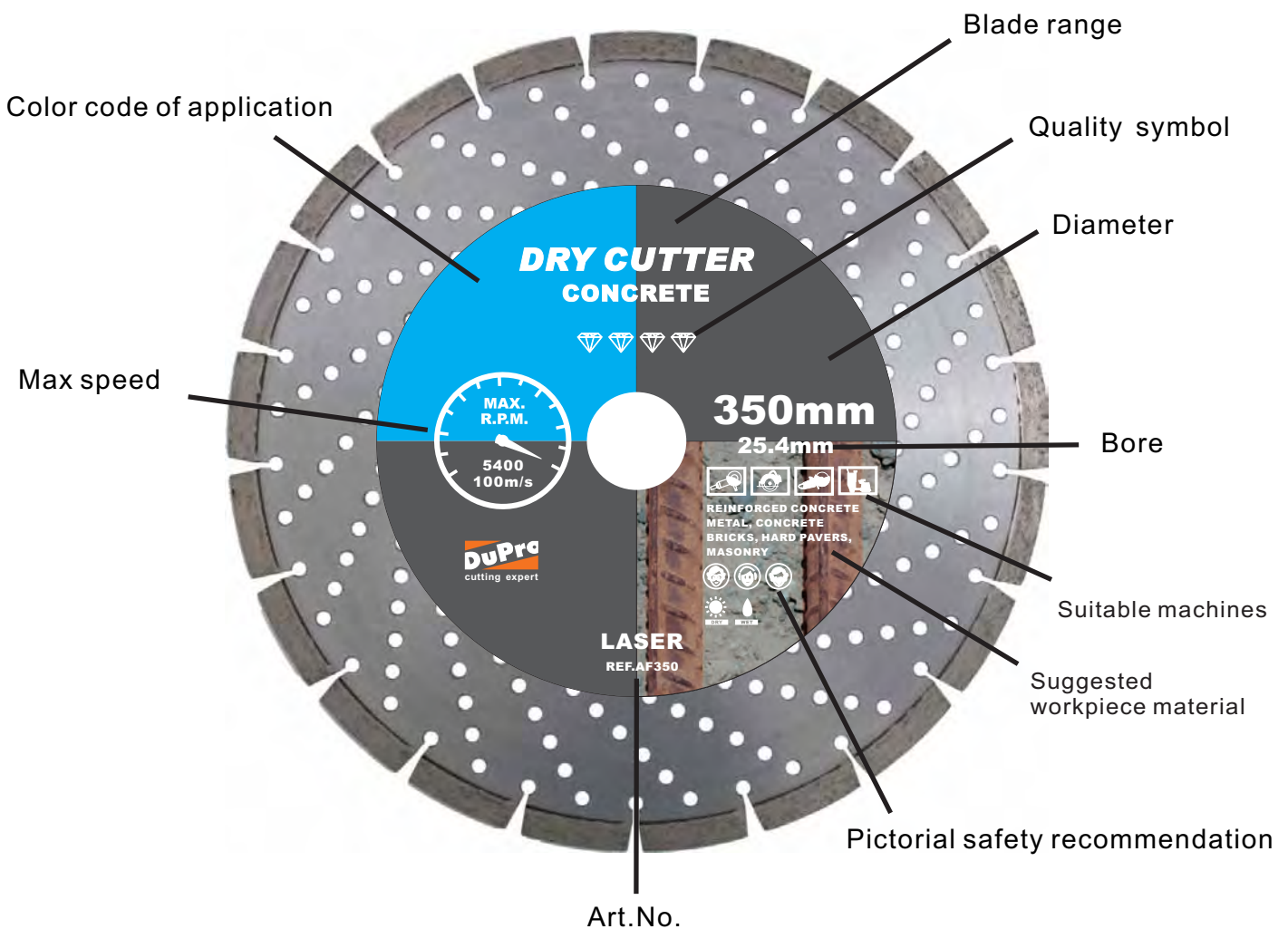
Orange background

Fast cutting for professional applications.

Metal background

Premium quality for specific applications.

INDICATIONS



Please review the code indicators on the blades carefully prior to purchasing/using. These code indicators will provide the operator with all the necessary information for the discs and the suggested applications.

DUPRO CONTRACTOR SERIES

DuPro Contractor Series is developed for cutting a wide variety of masonry materials. Well balanced diamond and bonding system provides excellent cutting results. Cuts faster than traditional products to save you time. A simple solution for all complicated on-site jobs. All around efficiency, economical and reliable range of blades for all professional applications.



SEGMENTED BLADE

Fast cutting general purpose masonry blade for Concrete, brick, block, pavers, roof tile. For angle grinder, circular saw, gas saw and table saw. Dry or wet use.

Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
105	10	2.0	22.2	LC105
115	10	2.0	22.2	LC115
125	10	2.2	22.2	LC125
180	10	2.4	22.2	LC180
230	10	2.7	22.2	LC230
300	10	3.2	25.4	LC300
350	10	3.4	25.4	LC350



TURBO BLADE

Fast cutting general purpose blade combines the speed of segmented blade with a clean cut of a continuous rim blade. For block, brick, concrete, marble, granite, natural stone. For angle grinder, circular saw, and table saw. Dry or wet use.

Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
105	7	2.0	22.2	CT105
115	7	2.4	22.2	CT115
125	7	2.5	22.2	CT125
180	7	2.6	22.2	CT180
230	7	2.8	22.2	CT230
300	7	3.2	25.4	CT300



CONTINUOUS RIM BLADE

Fast cutting general purpose blade for tile, ceramic tile, marble, soft stone, porcelain. For angle grinder, circular saw, and table saw. Wet or dry use.

Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
105	5	1.9	22.2	CC105
115	5	1.9	22.2	CC115
150	5	2.0	22.2	CC150
180	5	2.4	22.2	CC180
200	5	2.4	22.2	CC200
250	5	2.5	22.2	CC250



DUPRO PRO SERIES

A range which represents our comprehensive research and years of experience.

Each blade in this range focuses on specifically targeted materials.

Special diamond and bonding system provides perfect cutting results.

Fast cutting performance improves efficiency significantly. Long life blade drives the cost per cut to minimum.

A true solution for professional heavy duty applications in a massive production environment.



HP SEGMENTED

Laser welded blade of high performance for professionals. A general purpose masonry blade which can handle almost anything you throw at it. Concrete, Reinforced concrete, brick, block, pavers, roof tile. For high power angle grinder, circular saw, gas saw and table saw. Dry or wet use.

Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
115	8	2.0	22.2	LG115
125	8	2.2	22.2	LG125
150	8	2.2	22.2	LG150
180	8	2.4	22.2	LG180
230	8	2.7	22.2	LG230
300	8	3.2	25.4	LG300
350	8	3.4	25.4	LG350



HP TURBO

Depressed sintered blade of high performance for professionals. A general purpose blade combines the speed of segmented blade with a clean cut of a continuous rim blade. For block, brick, concrete, marble, granite, natural stone. For high power angle grinder, circular saw, and table saw. Dry or wet use.

Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
115	7	2.4	22.2	ST115
125	7	2.5	22.2	ST125
180	7	2.6	22.2	ST180
230	7	2.8	22.3	ST230
300	7	3.2	25.4	ST300



HP TURBO WAVE

Depressed sintered blade of high performance for professionals. Speed and clean cut with rigid steel core, more stable, better cooling. For block, brick, concrete, marble, granite, natural stone, refractory material. Dry or wet use.

Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
115	7	2.4	22.2	WT115
125	7	2.4	22.2	WT125
180	7	2.4	22.2	WT180
230	7	2.7	22.2	WT230
300	7	3.2	25.4	WT300



HP CONTINUOUS RIM

Depressed sintered blade of high performance for professionals. Bronze bonded segments with 7mm height for long life, thin and strong core for clean and chip-free cutting for tile, ceramic tile, marble, soft stone, porcelain. For high power angle grinder, circular saw, and table saw. Wet or dry use.

Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
115	5	1.9	22.2	CR115
125	5	1.9	22.2	CR125
180	5	2.4	22.2	CR180
200	5	2.4	22.2	CR200
230	5	2.4	22.2	CR230



CUP WHEELS-SINGLE ROW

Depressed sintered segments brazed on the cup wheel for heavy duty grinding. Single row for fast and rough stock removal. For concrete, block, stone and other masonry materials. For angle grinder. Dry or wet use.

Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
115	5	8	M16-11	GS105T
115	5	8	22.2	GS105
125	5	10	M16-11	GS125T
125	5	10	22.2	GS125
180	5	14	M16-11	GS180T
180	5	14	22.2	GS180



CUP WHEELS-DOUBLE ROWS

Depressed sintered segments brazed on the cup wheel for heavy duty grinding.
 Double rows for faster stock removal.
 For concrete, block, stone and other masonry materials.
 For angle grinder.
 Dry or wet use.

Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
115	5	16	M16-11	GD105T
115	5	16	22.2	GD105
125	5	20	M16-11	GD125T
125	5	20	22.2	GD125
180	5	28	M16-11	GD180T
180	5	28	22.2	GD180



CUP WHEELS-TURBO

Depressed sintered segments brazed on the cup wheel for heavy duty grinding.
 Turbo for very aggressive stock removal.
 For concrete, block, stone and other masonry materials.
 For angle grinder.
 Dry or wet use.

Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
115	6.5	/	M16-11	GT105T
115	6.5	/	22.2	GT105
125	6.5	/	M16-11	GT125T
125	6.5	/	22.2	GT125
180	6.5	/	M16-11	GT180T
180	6.5	/	22.2	GT180

ABRASIVES CUTTER

Deep and semi-deep segments protect the core from excessive wear.
 Diamond bond specially designed for abrasive materials, brick, block, asphalt and green concrete.
 For high power angle grinder, circular saw, and table saw and gas saw.
 Dry or wet use.

Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
115	7	2.3	22.2	EF115
125	7	2.3	22.2	EF125
180	7	2.3	22.2	EF180
230	7	2.3	22.2	EF230
300	10	3.2	25.4	EF300
350	10	3.2	25.4	EF350





DRY CONCRETE CUTTER

Laser welded blade for expert.
 A construction blade for free dry cutting on medium to hard materials.
 For reinforced concrete, metal, granite, bricks, hard pavers.
 For high power angle grinder, circular saw, gas saw and walk-behind less than 20hp.

Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
180	10	2.3	22.2	AF180
230	10	2.3	22.2	AF230
300	10	3.0	25.4	AF300
350	10	3.2	25.4	AF350
400	10	3.6	25.4	AF400
450	10	3.8	25.4	AF450
500	10	4.0	25.4	AF500



DRY ASPHALT CUTTER

Laser welded blade for expert.
 A construction blade for free dry cutting on abrasive materials.
 For asphalt, green concrete less than 48hours old.
 For high power angle grinder, circular saw, gas saw and walk-behind less than 20hp.



Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
180	10	2.6	22.2	EA180
230	10	2.6	22.2	EA230
300	10	3.2	25.4	EA300
350	10	3.5	25.4	EA350
400	10	3.5	25.4	EA400
450	10	4.0	25.4	EA450
500	10	4.0	25.4	EA500



GRANITE CUTTER -TURBO

Expert blade specially designed for granite.
Depressed sintered segments for long life.
Narrow teeth for smooth and fast cutting.
Also good for hard tile, hard brick, refractory materials.
Wet or dry use.

D (mm)	Specification			Art.no.
	Seg.H (mm)	Seg.T (mm)	Bore (mm)	
115	7	2.0	22.2	TG115
125	7	2.0	22.2	TG125
180	7	2.4	22.2	TG180
200	7	2.4	22.2	TG200
230	7	2.6	22.2	TG230
300	10	3.0	25.4	TG300
350	10	3.2	25.4	TG350

CERAMIC CUTTER -CONTINUOUS WITH LASER CUT

Expert blade specially designed for ceramic tiles.
Depressed sintered segments for long life.
Laser cut seams release stress and eliminate wobbling.
Also good for marble, porcelain tile, granite, glass and extra hard materials.
For angle grinder, circular saw, table saw.
Wet use.

D (mm)	Specification			Art.no.
	Seg.H (mm)	Seg.T (mm)	Bore (mm)	
115	7	1.6	22.2	TR115
125	7	1.6	22.2	TR125
150	7	1.6	22.2	TR150
180	7	1.6	22.2	TR180
200	7	1.6	22.2	TR200





The DuPro Rescuer blade is engineered for use by Fire Fighters, Rescue, USAR, S.W.A.T. and Police. Applications include utilization as an Emergency Rescue Blade and Tactical Entry Tool. In time sensitive situations the DuPro Rescuer will provide quick and efficient cutting of a diverse range of materials such as:

- Masonry
- Stainless Steel
- Stucco
- Tile Backer Board

- Concrete
- Wood
- PVC
- Corrugated Roofing

- Roof Tile
- Steel
- Plastic
- Polyethylene Pipes

- Dry Wall
- Copper Pipe
- Rebar
- Aluminum

New Vacuum Brazed Technology is the key to DuPro Rescuer's effectiveness.

Diamond particles are fused directly to the steel core creating the strongest heat resistant bond available when cutting without water cooling.

This blade is so sharp because the diamonds have maximum exposure.

Available in the most popular sizes, the Rescuer can be employed on hand-held grinders, circular saws, chop saws and gas cutoff saws.

This includes such common items as:

- Nader Bolts
- Padlocks
- Hardened Stainless Shackles

- Metal Hinges
- Steel Doors
- Chain Link

- Acrylic
- Lexan
- Window Bar

D	Specification		Bore	Art.no.
	Seg.H	Seg.T		
300	3	3	25.4	VB300
350	3	3	25.4	VB350





WALL SAW

Laser welded high speed blade for reinforced concrete with hard aggregates.
For hydraulic and electric saws.
Fast cutting and long life.

Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
600	10	4.5	60+FL	WS0600
650	10	4.5	60+FL	WS0650
700	10	4.5	60+FL	WS0700
750	10	4.5	60+FL	WS0750
800	10	4.5	60+FL	WS0800
900	10	4.5	60+FL	WS0900
1000	10	4.5	60+FL	WS1000
1200	10	4.5	60+FL	WS1200



FLOOR SAW FOR CONCRETE

Laser welded high speed blade for walk-behind saws.
Specially designed for cured concrete.
Aggregates: medium to hard with light to medium steel reinforcing.
Job size: small to medium
Horse power range: 5-35hp
Features: long life and fast cutting
Wet use recommended.

Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
350	10	3.2	25.4	FC350
400	10	3.5	25.4	FC400
450	10	4.0	25.4	FC450
500	10	4.0	25.4	FC500
600	10	4.7	25.4	FC600





FLOOR SAW FOR ASPHALT

Laser welded high speed blade for walk-behind saws. Specially designed for asphalt and green concrete
 Job size: small to medium
 Horse power range: 5-35hp
 Features: long life and fast cutting
 Wet use recommended.



ROAD SAW FOR CONCRETE

Laser welded high speed blade for walk-behind saws. Specially designed for cured concrete.
 Aggregates: medium to hard with steel reinforcing.
 Job size: medium to large
 Horse power range: 35-85hp
 Features: maximum blade life, low cost per foot
 Wet use recommended.

Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
350	10	3.5	25.4	FA350
400	10	3.5	25.4	FA400
450	10	4.0	25.4	FA450
500	10	4.0	25.4	FA500
600	10	4.7	25.4	FA600

Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
350	10	3.2	25.4	RC350
400	10	3.5	25.4	RC400
450	10	4.0	25.4	RC450
500	10	4.0	25.4	RC500
600	10	4.7	25.4	RC600
650	10	4.7	25.4	RC660
750	10	4.7	25.4	RC760
900	10	4.7	25.4	RC900





ROAD SAW FOR ASPHALT

Laser welded high speed blade for walk behind saws.
Specially designed for asphalt and green concrete
Job size: medium to large
Horse power range: 35-85hp
Features: maximum blade life, low cost per foot



Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
350	10	3.2	25.4	RA350
400	10	3.5	25.4	RA400
450	10	4.0	25.4	RA450
500	10	4.0	25.4	RA500
600	10	4.7	25.4	RA600
650	10	4.7	25.4	RA660
750	10	4.7	25.4	RA760
900	10	4.7	25.4	RA900

FLOOR PAD

Designed for grinding uneven floors and removing floor coating.
Hole pattern with 4x3/8"-24fine & 4x25/64"countersinks fit most floor grinding machines.
Both concrete and asphalt pads are available.
For floor grinding machines
Dry or wet use

Specification				
D (mm)	Seg.H (mm)	Seg.T (mm)	Bore (mm)	Art.no.
250	5	10	20	GFC2501
250	5	10	20	FGA2501



WET OR DRY DRILLING?

The determining factor for the drilling technique that works best, depends on the material to be drilled and the drilling depth.
 Concrete/reinforced concrete: wet drilling only.
 Deep holes: wet drilling only.
 Materials such as bricks, breeze-blocks etc. wet or dry.
 Shallow holes: dry drilling.

ADVANTAGES OF DRY DRILLING

simplified equipment.
 Ideal for fitting electrical boxes.
 No problem collecting the slurry.

ADVANTAGES OF WET DRILLING

No dust.
 No limitation on the material or drilling depth.
 No limitation on diameter.

HANDHELD OR ON A STAND?

This choice depends on the drilling diameter and the type of material; concerned safety of the work.
 For drilling in concrete <60mm in diameter: handheld.
 For various materials <100mm in diameter: handheld.
 Other situations and materials: drilling on a stand.

WHAT TYPE OF RIM?

Drill bits with a continuous rim guarantee the cleanest cuts in ceramic tiles or in decorative stone.
 Drill bits with a segmented rim generally have a longer practical life and offer a lower cost per cut



DIAMOND CORE BIT-WET

Laser welded core bits for heavy duty applications.
 Precisely machined barrel ensures minimal vibration.
 For medium to hard concrete with light to medium steel reinforcing.
 Long life and low cost per drill.
 Also effective for granite, marble and stone.
 Wet use only.

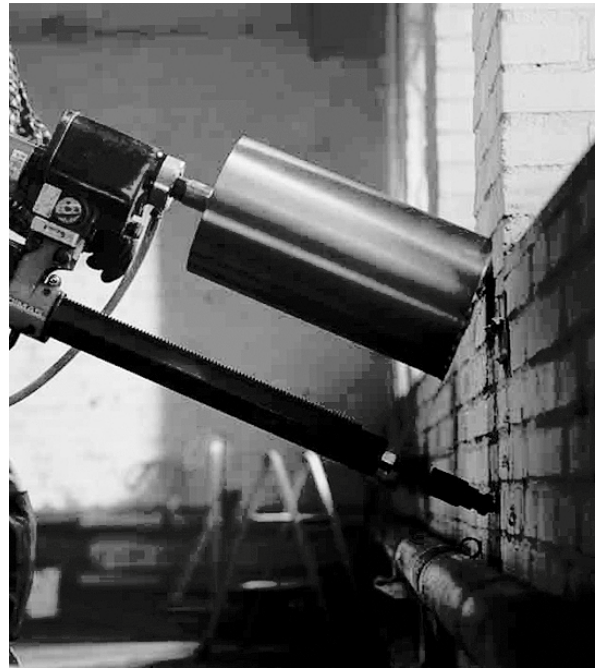
Specification

D (mm)	Seg.H (mm)	Cutting Depth (mm)	Connector	Art.no.
52	8	355	1/2"G	CBW355052
57	8	355	1/2"G	CBW355057
63	8	355	1/2"G	CBW355063
66	8	355	1/2"G	CBW355066
70	8	355	1/2"G	CBW355070
76	8	355	1/2"G	CBW355076
83	8	355	1/2"G	CBW355083
89	8	355	1/2"G	CBW355089
91	8	355	1/2"G	CBW355091
102	8	355	1/2"G	CBW355102
108	8	355	1/2"G	CBW355108
114	8	355	1/2"G	CBW355114
122	8	355	1/2"G	CBW355122
127	8	355	1/2"G	CBW355127
132	8	355	1/2"G	CBW355132
140	8	355	1/2"G	CBW355140
152	8	355	1/2"G	CBW355152

Specification

D (mm)	Seg.H (mm)	Cutting Depth (mm)	Connector	Art.no.
52	8	450	1-1/4"	CBW450052
57	8	450	1-1/4"	CBW450057
63	8	450	1-1/4"	CBW450063
76	8	450	1-1/4"	CBW450076
89	8	450	1-1/4"	CBW450089
102	8	450	1-1/4"	CBW450102
117	8	450	1-1/4"	CBW450117
127	8	450	1-1/4"	CBW450127
140	8	450	1-1/4"	CBW450140
152	8	450	1-1/4"	CBW450152
178	8	450	1-1/4"	CBW450178
203	8	450	1-1/4"	CBW450203
229	8	450	1-1/4"	CBW450229
255	8	450	1-1/4"	CBW450255
305	8	450	1-1/4"	CBW450305





DIAMOND CORE BIT-DRY

Laser welded core bits for heavy duty applications. Barrel vents keeps drill cool and provide fast removal of cuttings. Special self-lubricant diamond bond greatly improves life. For brick, light-weight block and concrete block. Faster and lower cost than conventional carbide tipped hole saw. Dry or wet use.

Specification				
D (mm)	Seg.H (mm)	Cutting Depth (mm)	Connector	Art.no.
32	8	150	M16	CBD150032
48	8	150	M16	CBD150048
52	8	150	M16	CBD150052
65	8	150	M16	CBD150065
78	8	150	M16	CBD150078
85	8	150	M16	CBD150085
107	8	150	M16	CBD150107
117	8	150	M16	CBD150117
127	8	150	M16	CBD150127
152	8	150	M16	CBD150152
162	8	150	M16	CBD150162
200	8	150	M16	CBD150200
68	8	90	M16	CBD090068
82	8	90	M16	CBD090082

D I A M O N D T O O L S

SINOSOURCE ZHONGDING INT'L LTD.

ADD:No.99 Xinting Road, Xixing Subdistrict, Binjiang,
Hangzhou,China

TEL:86 571-87297191

FAX:86 571-87297690

E-mail:john@sinosource.com.cn

lucy@sinosource.com.cn

