

CORE DRILL, RIG
AND BIT SYSTEM



B/FAST[®]
B+BTEC

LACKMOND[®]

BCR 130/5BG PROFESSIONAL HANDHELD CORE DRILL

Power: 2.6HP/2000W

Motor: 115V/60Hz/3-Speed Gearing

Bit Range: 3/8" - 5-1/8"

Wet handheld drilling in concrete: 3/8" - 1-1/2"

Dry handheld drilling in masonry: 3/4" - 6-1/2"

Rig mntd. wet drilling in concrete: 3/8" - 5-1/8"

Gear Selection:

1. Gear: 2-1/4" - 5-1/8"

2. Gear: 1" - 2-3/8"

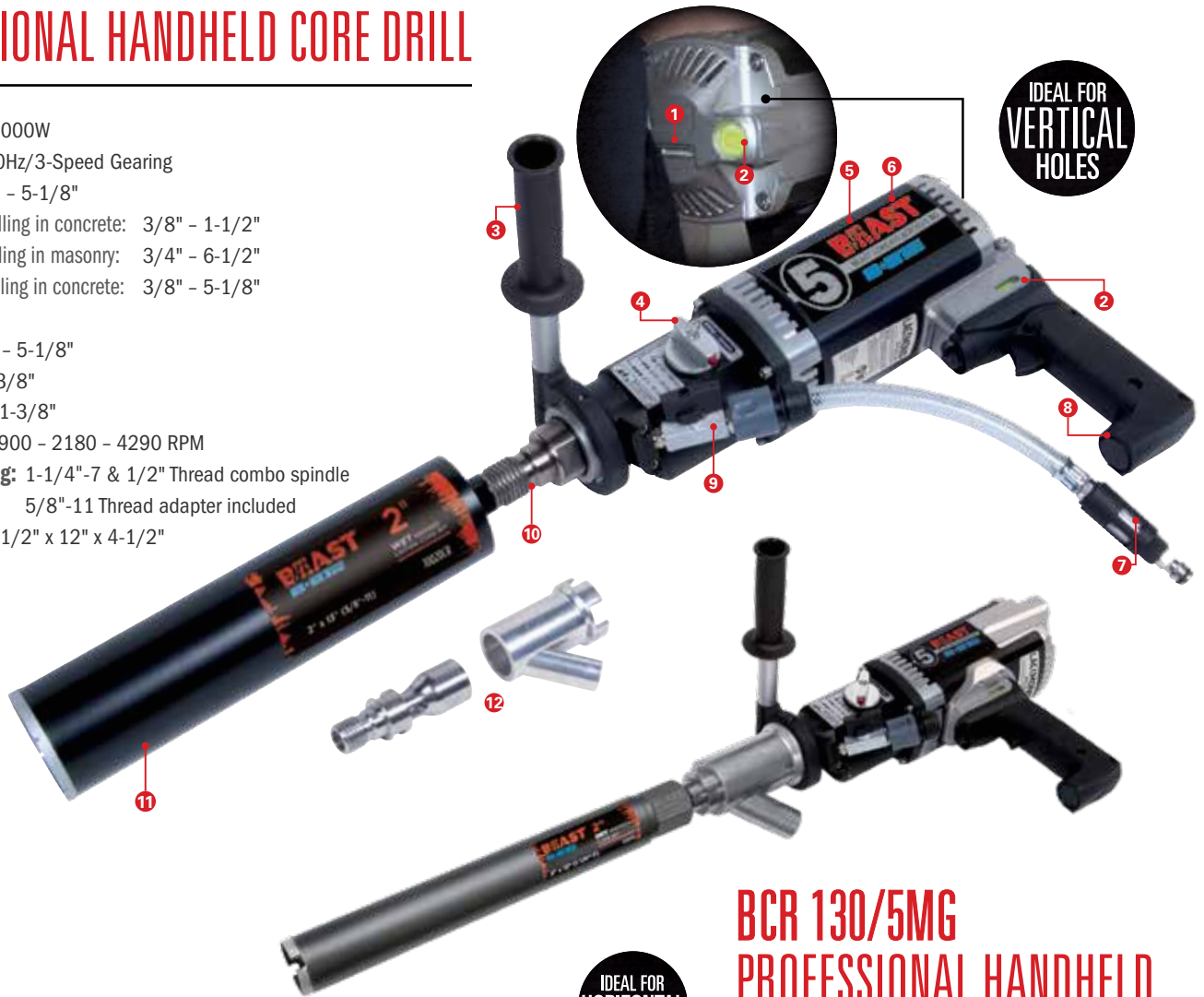
3. Gear: 3/8" - 1-3/8"

No Load Speed: 900 - 2180 - 4290 RPM

Spindle Threading: 1-1/4"-7 & 1/2" Thread combo spindle
5/8"-11 Thread adapter included

Dimensions: 17-1/2" x 12" x 4-1/2"

Weight: 16.5 lbs



1. LED Motor Overload Protection System
2. Water Level aids the operator in keeping the machine level
3. 360° Auxiliary Handle
4. 3-Speed gearing for optimal drilling performance at any diameter
5. Powerful 2.6HP/2.000W drill motor
6. Professional grade aluminum motor housing
7. Water Flow Indicator
8. Mid Grip or Back Grip models.
9. Water Valve facing backwards to prevent damage
10. 5/8"-11 Adapter, 1/2" - 1-1/4" combo spindle
11. Full range of HiSpeed diamond core bits
12. Optional Dry Drilling Kit allows for continued alternating dry or wet drilling

BCR 130/5MG PROFESSIONAL HANDHELD CORE DRILL

COMPACT CORE DRILLS

ITEM #	DESCRIPTION
BCR130/5BG	Handheld Drill w/Rear Handle, 2.6 HP/2000W, 115 V-50/60 Hz
BCR130/5MG	Handheld Drill w/Mid Handle, 2.6 HP/2000W, 115 V-50/60 Hz

CORE DRILL & RIG ACCESSORIES

BCRBGRIP	T-Conversion Second Back Grip
BCRDKIT	Dry Drilling Conversion Kit
BCRWTCLTR	Vacuum Water/Dust Collector
BCR130CSTAND	27" Handheld Drill Stand, 20" Drill Depth, includes Slide
BCR130LSTAND	31" Handheld Drill Stand, 24" Drill Depth, includes Slide
BCR130SLIDE	Handheld Drill Stand Slide for BCR 130CSTAND and BCR 130LSTAND

CORE DRILL, RIG AND BIT SYSTEM

	BEAST BCR130/5BG	BEAST BCR130/5MG	HILTI DD150	DP - WEKA DK12	HUSQVARNA DM230
Power [W/HP]	2000W/2.6HP	2000W/2.6HP	N/A	1600W	1800W/2.4HP
Bit Range [In.]	3/8" - 5 1/8" (6-1/2" Dry)	3/8" - 5 1/8" (6-1/2" Dry)	1/2" - 5" (6-1/4" Dry)	6"	6"
No Load Speed [RPM]	900 - 2180 - 4290	900 - 2180 - 4290	780 - 1520 - 2850	970 - 2330 - 4400	900 - 2150 - 4500
Spindle Threading	1-1/4" - 1/2"- 5/8"-11	1-1/4" - 1/2"- 5/8"-11	BI+	1-1/4" - 1/2"- 5/8"-11	1-1/4"-7 - 5/8"-11
Weight [lbs]	16.5	16.5	18.08	14	15.4
LED Overload Indicator	✓	✓	✓	✗	✗
Digital Read-Out Option	✓	✓	✗	✗	✗
Optional Second Back Grip	✓	✗	✗	✗	✗
Wet/Dry Drilling	✓	✓	✓	Wet only	Wet only
Alum. Motor Housing	✓	✓	✗	✗	✗
Mid/Back Grip Models	✓	✓	Mid Grip only	Mid Grip only	Mid Grip only
Water Flow Indicator	✓	✓	✗	✗	✗
Water Valve Protection	✓	✓	✓	✗	✗
360° Aux. Handle	✓	✓	✓	✓	✓

- Powerful 2.6HP motor
- One machine for wet or dry* coring
*Requires optional Dry Drilling Kit
- LED motor overload indicator
- Aluminum motor housing
- Digital read-out of machine load and operating hours (optional)
- Can be used on drill stand
- Weight 16.5 lbs

Supplied With:

- GFCI Switch • Side Grip • Carrying Case
- Water Flow Indicator • Tool Set
- Operating Manual

ACCESSORIES



Second Back Grip



Water/Dust Collector



Dry Drilling Kit



BCR 130/5 Slide



Compact Drill Stand

Large Drill Stand

BCR 300/12 PROFESSIONAL MAST MOUNTED CORE DRILL RIG

Power: 3.2HP/2400W
Motor: 3-Speed/115V/60Hz
Bit Range: 1"-12"
Drilling Depth: standard 16"
Spindle Threading: 1-1/4" - 7
 5/8"-11 Thread adapter included

Column Tilttable: Up to 45°
Dimensions: 17-1/2" x 12" x 4-1/2"
Weight: 66 lbs

- Powerful 3.2HP Motor
- Centering device and drilling depth indication
- LED Overload Protection System
- Digital read-out of machine load and operating hours (optional)
- For holes up to 12"
- Weight 66 lbs



IDEAL FOR
CONDUIT
HOLES

MAST MOUNTED CORE RIGS

ITEM	DESCRIPTION
BCR300/12	Mast Mount Drill, 3.2 HP / 2400W, 115 V-50/60 Hz, w/ 23" Stand
BCRLSTAND23	23" Mast Mount Drill Stand, Drill Depth 23" (without slide)
BCRLSTAND42	42" Mast Mount Drill Stand, Drill Depth 42" (without slide)
BCRLSTAND55	55" Mast Mount Drill stand, Drill Depth 55" (without slide)
BCR300MOTOR	BCR300/12 Motor / Gearbox without Slide
BCR300MOTORKIT	BCR300/12 Motor / Gearbox and Quick Release Slide

CORE DRILL & RIG ACCESSORIES

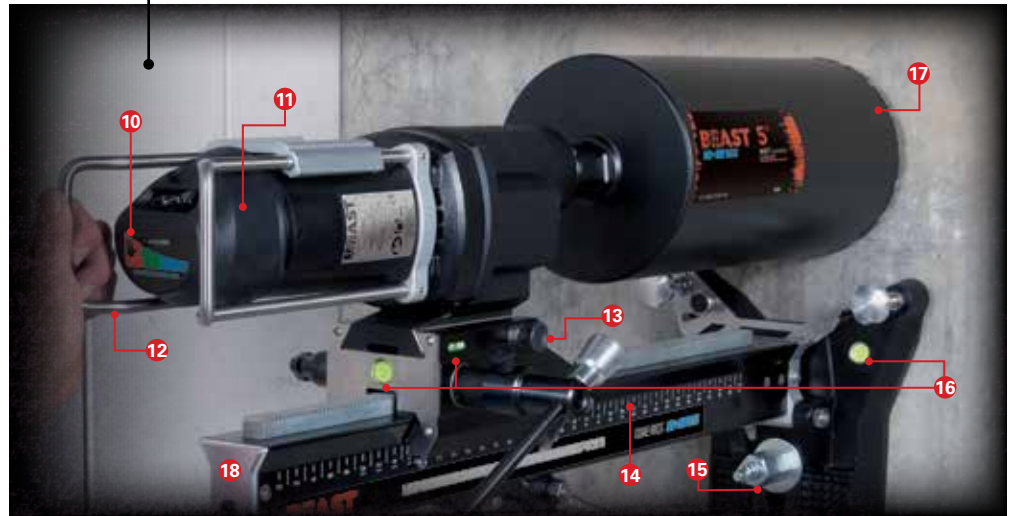
ITEM	DESCRIPTION
BCRPUMP	Vacuum Pump - 115 V-50/60 Hz
BCRANCHOR	Base Anchoring Assembly, 1/2" thread
BCRVKITC	Vacuum Kit for Drill Stand Compact - Block - Valves and Seal
BCRVKITL	Vacuum Kit for Drill Stand Large - Block - Valves - Manometer - Seal
BCRJSREW	Jack Screw (for installation on top of drill stand column)

ACCESSORIES



*For use with 1/2" drop-in anchor

CORE DRILL, RIG AND BIT SYSTEM



1. 3-Speed gearing for optimal drilling performance at any diameter
2. 1-1/4" - 7 spindle, 5/8"-11 adapter
3. Water Valve
4. Mounting option for jack screw
5. Integrated Centering Device
6. Quick snap reversible downfeed spindle (left-right)
7. Water Flow Indicator
8. Column tiltable up to 45° for angle drilling
9. Transportation Wheels (Drill Stand large only)
10. LED Motor Overload Protection System
11. Powerful drill motors
12. Protective motor brackets that double as handles
13. Quick-release slide
14. Engraved drilling depth indication
15. Anchoring assembly
16. Water Levels for easy machine set-up
17. Full range of HiSpeed diamond core bits
18. Dovetail Guide-Way

Supplied With:

- Safety Clutch • GFCI Switch
- Water Flow Indicator • Dovetail Guide-Way
- Tool Set • Operating Manual

	BEAST BCR300/12	HILTI DD200	MILWAUKEE 4096, Kit	HUSQVARNA DMS280
Power [W/HP]	2400W/3.2HP	2400W/3.2HP	20A	2300W/3HP
Bit Range [In.]	1" - 12"	1" - 15 1/4"	2" - 10"	10"
No Load Speed [RPM]	450 - 900 - 1600	320 - 640 - 1300	450 - 900	440 - 970 - 1670
Spindle Threading	1-1/4" - 1/2" - 5/8"-11	BL	1-1/4" - 7	1-1/4" - 7
Weight [lbs]	66	75	115	86
LED Overload Indicator	✓	✓	✗	✓
Digital Read-Out Opt.	✓	✗	✗	✗
Tilt for Angle Drilling	✓	✓	✗	✓
Water Flow Indicator	✓	✓	✗	✗
Quick Snap Reverse Downfeed Spindle	✓	✓	✗	✓
Quick Release Slide	✓	✓	✗	✓
Transportation Wheels on Drill Stand	✓	✗	✓	✓
Motor House Protection	✓	✓	✗	✗
Integrated Centering Device	✓	✓	✗	✗
Drilling Depth Indication	Engraved	Sticker	Sticker	Sticker

BCR 400/16 PROFESSIONAL MAST MOUNTED CORE DRILL RIG

Power: 3.2HP/2400W

Motor*: 3-Speed/230V/60Hz

Bit Range: 2"-16"

Drilling Depth: standard 16"

No Load Speed: Speed 1 - 210 RPM

Speed 2 - 500 PRM

Speed 3 - 850 RPM

Gear Selection: Speed 1 - 6" x 16"

Speed 1 - 6" x 16"

Speed 1 - 6" x 16"

Dimensions: 32" x 15" x 43"

Weight: 117 lbs

- Powerful 2400w Motor
 - PULSE™ electronic motor protection system
 - LED motor-overload indication
 - 3-speed gearing
 - Click 'n' drill system
 - Bit range 2" to 16"
- *Other voltages/frequencies available



New Beast/B+BTEC core drilling rigs for ultra fast and precise drilling in reinforced concrete. Compact & lightweight. Designed for core drilling professionals.

MAST MOUNTED CORE RIGS

ITEM	DESCRIPTION
BCR400/16	Mast mounted with stand (16" bit capacity)
BCR400MTR	Motor/Gearbox without Click & Drill Slide
BCR400SLD	Click & Drill Slide only
BCR400SUMOSTD	Sumo Drill Stand

AUTOMATIC CORING UNIT



The Automatic Coring Unit can be used with all Beast/B+BTec Core Drills and Rigs.

- For blind and conduit holes
- Bit Capacity: 5/8" to 16"
- Blind holes with depth input up to 80"
- Continuous optimal down-feed speed due to intelligent processor
- Auto touch and start function
- Auto retract and shut down after reaching set depth or penetrating concrete
- In case of lock up of bit: auto stop, partial retract and auto restart

Unit has distinct features that are currently not available with other units in the market.

AUTOMATIC CORING UNIT

ITEM	DESCRIPTION
BCRACUNIT	Automatic Coring Unit for use on BCR300 and BCR400

EVERYTHING YOU NEED FOR CORING AND MORE!

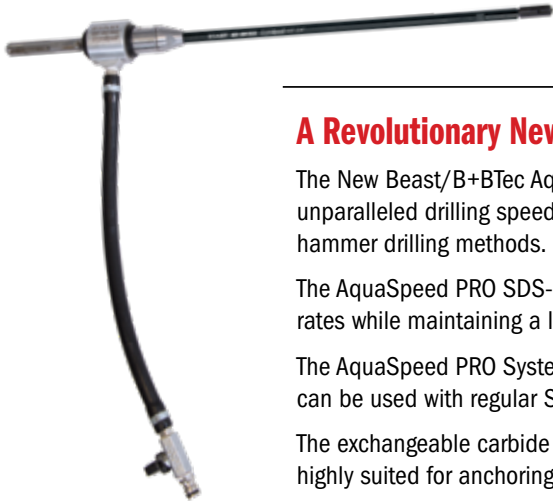
Pro HiSpeed Wet Core Bit



Prestressed / Crowned Wet Core Bit



Pro HiSpeed Dry Core Bit



AQUASPEED PRO HAMMER DRILLING SYSTEM

A Revolutionary New Carbide Hammer Drilling System for Wet Use

The New Beast/B+BTEC AquaSpeed Carbide Hammer Drilling System is a game changing tool that offers unparalleled drilling speed, increased bit life & substantial cost savings when compared to conventional hammer drilling methods.

The AquaSpeed PRO SDS-Max Hammer Drilling System uses coolant water to achieve very high penetrating rates while maintaining a limited degree of carbide wear.

The AquaSpeed PRO System features exchangeable carbide tips that are fitted onto 4" or 8" drilling shafts and can be used with regular SDS-Max Rotary Hammers. Drilling shafts can be coupled for deeper holes.

The exchangeable carbide tip diameters range from 5/8" up to 1 3/8" mm, making the AquaSpeed PRO System highly suited for anchoring & rebar doweling applications.

Operator Comfort

Because the AquaSpeed PRO System uses coolant water that removes drill sludge from the bore hole along with the water, the operator no longer has to perform a "pumping action" while drilling to retrieve drill dust. The coolant water also prevents the bit from clogging, which is often the case when drilling in humid concrete or when drilling through plastic tubing using conventional hollow vacuum carbide bits.

Cost Savings

The use of the AquaSpeed PRO System offers substantial cost savings compared to traditional SDS-Max Bits. First of all the drilling shafts are subjected to far less wear because of contact the bore hole wall, resulting in a prolonged tool life.

Furthermore the carbide tips offer an increased bit life due to the cooling effect of the water and can simply be exchanged when worn out, avoiding the need to buy an often very expensive new bit.

Also because the AquaSpeed PRO System is dust free it doesn't require the use of vacuum units, costly filter bags and suction units.



BEAST/B+BTEC AQUASPEED WATER INJECTION HEAD, SHAFTS AND ADAPTORS

ITEM	DESCRIPTION
BASWIHSDS	Water Injection Head SDS-Max
BASADP58	5/8" - 3/4" Adaptor
BASADP78	7/8" - 1" Adaptor
BASADP118	1-1/8" - 1-3/8" Adaptor
BASSFT1658	16" Shaft for bits 5/8" - 3/4"
BASSFT1601	16" Shaft for bits 7/8" - 1"
BASSSFT16118	16" Shaft for bits 1-1/8" - 1-3/8"
BASSFT858	8" Shaft for bits 5/8" - 3/4"
BASSFT878	8" Shaft for bits 7/8" - 1"

BEAST/B+BTEC AQUASPEED CARBIDE DRILL BITS

ITEM	DESCRIPTION
BAS58138	5/8" X 1-3/8" Carbide Drill Bit
BAS34138	3/4" x 1-3/8" Carbide Drill Bit
BAS78002	7/8" x 2" Carbide Drill Bit
BAS07002	1" x 2" Carbide Drill Bit
BAS118212	1-1/8" x 2-1/2" Carbide Drill Bit
BAS114212	1-1/4" x 2-1/2" Carbide Drill Bit

HiSPEED WET DIAMOND CORE BITS WET USE BITS FOR HIGH STRENGTH / HEAVILY REINFORCED CONCRETE

New HiSpeed Diamond Core Bits

Based upon 40 years of experience in the design and manufacturing of diamond tools, the B+BTec engineers have developed a brand new line of HiSpeed diamond core bits.

Together with the new BEAST BCR Core Drilling Systems they form a combination that is very hard to match.

Unparalleled Drilling Speed

The HiSpeed diamond bits offer a fantastic drilling performance under any circumstance but the true nature of these bits is unleashed when drilling in high strength and heavily reinforced concrete.

With drilling speeds more than doubling and often even tripling the HiSpeed bits are unparalleled on the market today.



SinTec Diamond Technology

B+BTec has developed a new advanced sintering technology called SinTec.

The combination of SinTec Diamond Technology, the development of special bonds and the exclusive use of top quality diamond crystals has resulted in a unique range of HiSpeed diamond core bits that guarantee an unparalleled drilling speed and long tool life in a wide range of materials.

Thin Kerf Bit Design

The new HiSpeed bits, with a kerf thickness half that of most bits, require far less bit feed pressure, which allows for faster penetration.

This lower feed pressure also permits down sizing the motor, column and base to achieve small lightweight rigs. Lightweight means faster setups, which translates into more holes per day!

PRO HISPEED WET CORE BITS

ITEM	DIAMETER	DRILLING DEPTH	ARBOR	SEG/ RIM HT.	LIST
10020	2"	16"	1-1/4"-7 Thread	11mm	\$349
100212	2-1/2"	16"	1-1/4"-7 Thread	11mm	\$395
10030	3"	16"	1-1/4"-7 Thread	11mm	\$423
100312	3-1/2"	16"	1-1/4"-7 Thread	11mm	\$477
10040	4"	16"	1-1/4"-7 Thread	11mm	\$548
100412	4-1/2"	16"	1-1/4"-7 Thread	11mm	\$673
10050	5"	16"	1-1/4"-7 Thread	11mm	\$773
100514	5-1/4"	16"	1-1/4"-7 Thread	11mm	\$802
100512	5-1/2"	16"	1-1/4"-7 Thread	11mm	\$837
10060	6"	16"	1-1/4"-7 Thread	11mm	\$851
100614	6-1/4"	16"	1-1/4"-7 Thread	11mm	\$856
100612	6-1/2"	16"	1-1/4"-7 Thread	11mm	\$965
10070	7"	16"	1-1/4"-7 Thread	11mm	\$1,057
10080	8"	16"	1-1/4"-7 Thread	11mm	\$1,089
10090	9"	16"	1-1/4"-7 Thread	11mm	\$1,276
10100	10"	16"	1-1/4"-7 Thread	11mm	\$1,296
10120	12"	16"	1-1/4"-7 Thread	11mm	\$1,400
10140	14"	16"	1-1/4"-7 Thread	11mm	\$1,679
10160	16"	20"	1-1/4"-7 Thread	11mm	\$2,108
10180	18"	20"	1-1/4"-7 Thread	11mm	\$2,372
10200	20"	20"	1-1/4"-7 Thread	11mm	\$2,681
10220	22"	20"	1-1/4"-7 Thread	11mm	\$3,036
10240	24"	20"	1-1/4"-7 Thread	11mm	\$3,438

Recommended Use:
Heavily reinforced concrete, hard aggregate

Application:
Cured concrete, asphalt overlay

Equipment:
Hand held/mast mounted core drill rig

PRESTRESSED / CROWN STYLE WET CORE BITS

ITEM	DIAMETER	DRILLING DEPTH	ARBOR	SEG/ RIM HT.	LIST
100058CR	5/8"	13"	5/8"-11 Thread	10mm	\$250
100034CR	3/4"	13"	5/8"-11 Thread	10mm	\$322
100078CR	7/8"	13"	5/8"-11 Thread	10mm	\$333
10010CR	1"	13"	5/8"-11 Thread	10mm	\$300
100118CR	1-1/8"	13"	5/8"-11 Thread	10mm	\$310
100114CR	1-1/4"	13"	5/8"-11 Thread	10mm	\$317
100112CR	1-1/2"	13"	5/8"-11 Thread	10mm	\$335
100158CR	1-5/8"	13"	5/8"-11 Thread	10mm	\$340
10020CR	2"	13"	1-1/4"-7 Thread	10mm	\$349
100212CR	2-1/2"	13"	1-1/4"-7 Thread	10mm	\$395
10030CR	3"	13"	1-1/4"-7 Thread	10mm	\$423
100312CR	3-1/2"	13"	1-1/4"-7 Thread	10mm	\$477
10040CR	4"	13"	1-1/4"-7 Thread	10mm	\$548
100412CR	4-1/2"	16"	1-1/4"-7 Thread	11mm	\$673
10050CR	5"	16"	1-1/4"-7 Thread	11mm	\$773
10060CR	6"	16"	1-1/4"-7 Thread	11mm	\$851

Recommended Use:
Prestressed / pretensioned concrete, heavily reinforced concrete, good aggregate

Application:
Cured concrete

Equipment:
Hand held/mast mounted core drill rig



HiSPEED DRY DIAMOND CORE BITS DRY USE BITS FOR FAST DRILLING / VARIETY OF AGGREGATES

New HiSpeed Diamond Dry Core Bits

The Beast/B+BTEC HiSpeed bit technology provides extremely fast dry drilling in a variety of aggregates. They are most popular for use in horizontal drilling through brick or block walls in waterproofing, restoration, plumbing, electrical applications and more. The Beast/B+BTEC HiSpeed Dry Core Bits can be used in light aggregate, non-reinforced concrete but NOT approved for use with hard aggregate or reinforced concrete. They work well with our dry drilling kit to provide dustless drilling (when combined with HEPA certified vacuum).

PRO HiSPEED DRY CORE BITS

ITEM	DIAMETER	DRILLING DEPTH	ARBOR	SEG/ RIM HT.	LIST
DCB114HS	1-1/4"	13"	1-1/4"-7 Thread	9mm	\$300
DCB158HS	1-5/8"	13"	1-1/4"-7 Thread	9mm	\$366
DCB2HS	2"	13"	1-1/4"-7 Thread	9mm	\$432
DCB214HS	2-1/4"	13"	1-1/4"-7 Thread	9mm	\$450
DCB212HS	2-1/2"	13"	1-1/4"-7 Thread	9mm	\$475
DCB3HS	3"	13"	1-1/4"-7 Thread	9mm	\$503
DCB312HS	3-1/2"	13"	1-1/4"-7 Thread	9mm	\$621
DCB4HS	4"	13"	1-1/4"-7 Thread	9mm	\$658
DCB412HS	4-1/2"	13"	1-1/4"-7 Thread	9mm	\$755
DCB5HS	5"	13"	1-1/4"-7 Thread	9mm	\$791
DCB6HS	6"	13"	1-1/4"-7 Thread	9mm	\$921

Recommended Use:
Horizontal drilling through brick or block walls

Application:
Brick, block, concrete, concrete with light rebar

Equipment:
Core drill



CORE DRILL, RIG AND BIT SYSTEM

SILICA CONTAINMENT SOLUTIONS



Dry Drilling Kit



BEAST[®]

B+BTec

DRY CORE DRILL &
BIT SYSTEM

European Made!
Top Quality!

BEAST
B+BTEC



BCR 300/12



BCR 130/5BG



BCR 130/5MG

BEST
CORE DRILL &
RIG SYSTEM