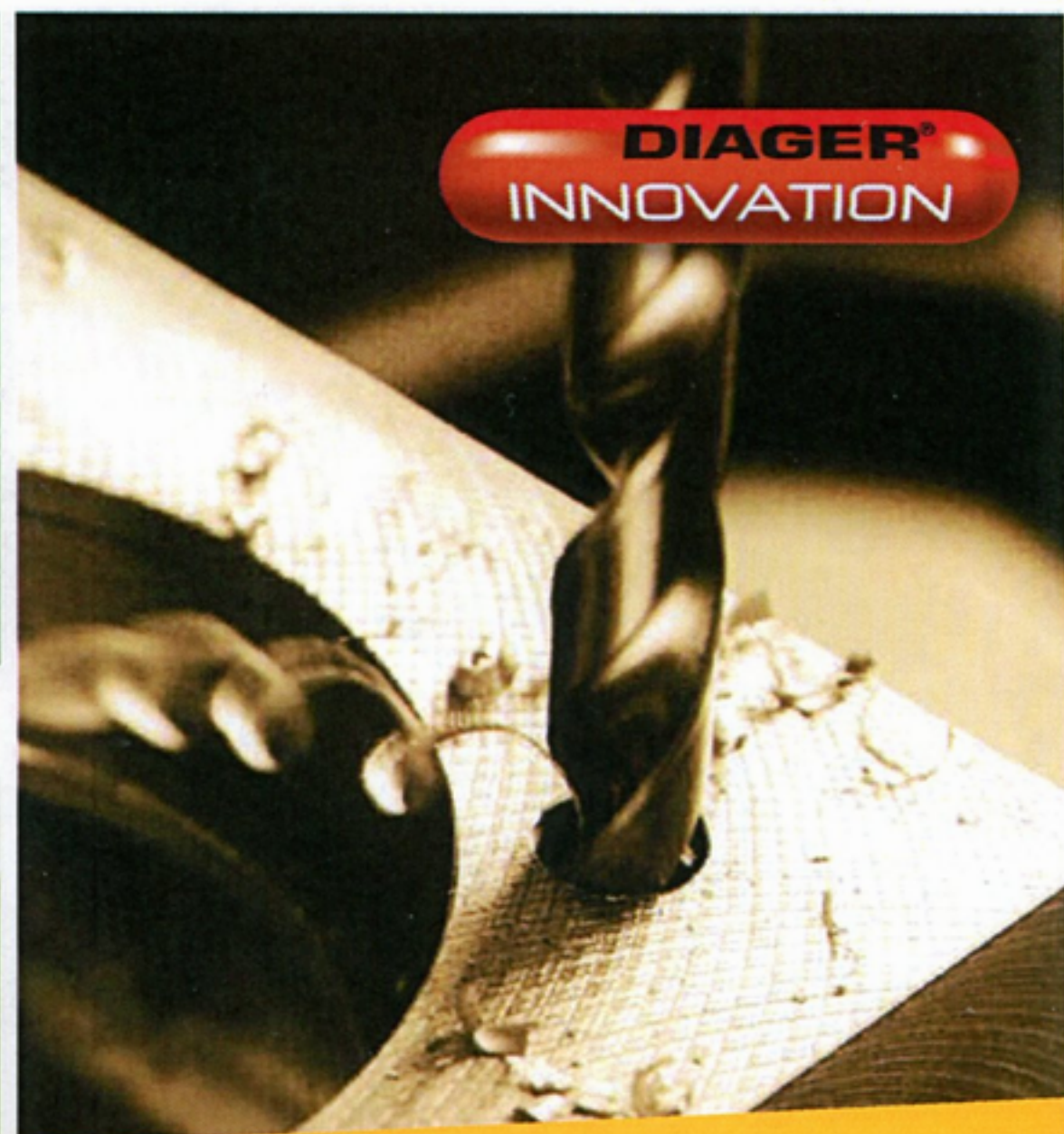


**NEW!**

# FORET MÉTAUX **HSS-G 3** REVÊTEMENT MULTICOUCHES



CE FORET EST UN EXCELLENT COMPROMIS POUR DES ACIERS JUSQU'À 1000 N/mm<sup>2</sup>. SES QUALITÉS DE COUPE RESTERONT OPTIMUM QUELQUE SOIT LA MACHINE UTILISÉE : PERCEUSE, PERCEUSE SANS FIL, PERCEUSE À COLONNE.

**HAUTE RÉSISTANCE  
À L'ÉCHAUFFEMENT**



## DESCRIPTION

- Angle de pointe de 130°, effort de coupe réduit, meilleure précision et pénétration plus rapide.
- Hélice parabolique permet une meilleure évacuation des copeaux.
- Revêtement multicouches, agit comme une barrière thermique et facilite le glissement des copeaux.

## MATERIAUX

- inox • acier • zamac
- bronze • graphite

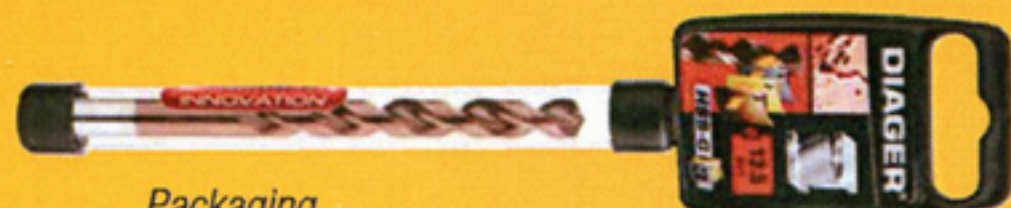
## REVÊTEMENT MULTICOUCHES DURETÉ : 3000 HV

Le multicouche agit comme une barrière thermique.



Ref. 702  
DIN 338

Gamme disponible :  
Ø mm : 1 à 13 mm



Packaging  
disponible  
en tube.

**DIAGER**<sup>®</sup>



**NEW!**

# FORET À DÉPOINTER PLAQUETTE CARBURE



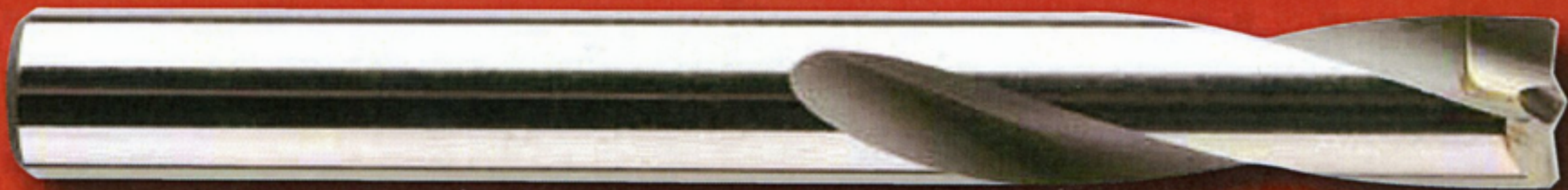
Utilisation sur  
TÔLES ACIER & HLE

**SPÉCIAL CARROSSIER**

Ø 8 L 79x37mm



Ø 10 L 89x43mm



FORET À PLAQUETTE CARBURE brasée

- Coupe constante grâce à la très grande dureté du carbure
- Grande durée de vie pour tôle actuel et tôle HLE



Ref.D23919 Ø 8 Lg 79x37 mm

Ref.D23920 Ø 10 Lg 89x43 mm



**DIAGER®**



# FORET MÉTAUX PLAQUETTE CARBURE



POUR TOUS LES USAGES  
Serrure, huisserie, coffre-fort,  
porte-blindée, menuiserie,  
maintenance des bâtiments.  
Utilisable dans tous les  
domaines, c'est un outil  
indispensable.

## PERFORMANCE MATIÈRE

Acier < 1700 N/mm<sup>2</sup>  
Acier < 2100 N/mm<sup>2</sup>  
Fonte grise lamellaire < 210 HB  
Fonte grise < 270 HB  
Cuivre et ses alliages  
Matériaux composites

**PERCE TOUS LES  
MÉTAUX DURS**

Ø 1,5 à 20



## PLAQUETTE CARBURE

- Affûtage sur meule diamant
- Angle de pointe 118°
- Affûtage AF 1
- Tolérance Ø de foret h7
- Coupe à droite 6°

## GOJURE RAPIDE

- EXCELLENT DEGAGEMENT  
DES COPEAUX
- Corps HSS 2 lèvres
  - Goujure N
  - Hélice à droite 25°

UTILISATION  
recommandée sur perceuse à  
colonne, s'utilise également sur  
perceuse à main



Ref.2417

Série Extra courte DIN 8037

Ref.2409

Série courte DIN 338

Ref.2418

Série longue DIN 340



**DIAGER®**



**NEW!**

# Straight shank concrete 3 cutting edges

# OPTIMA 3

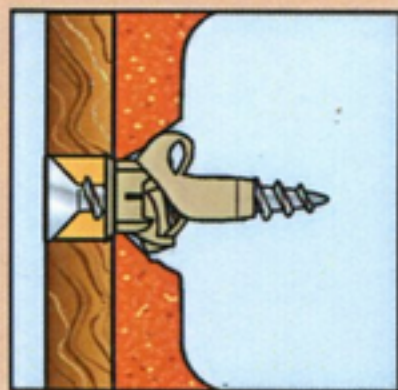
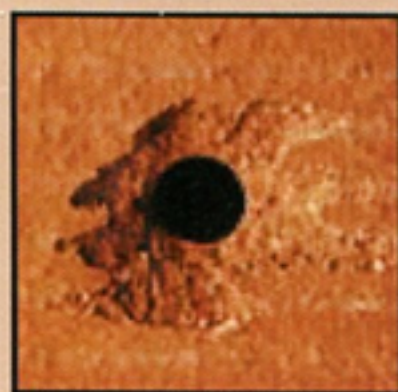
**DIAGER**  
INNOVATION



## A perfect hole for a safe anchoring

Backside of a hole in hollow brick

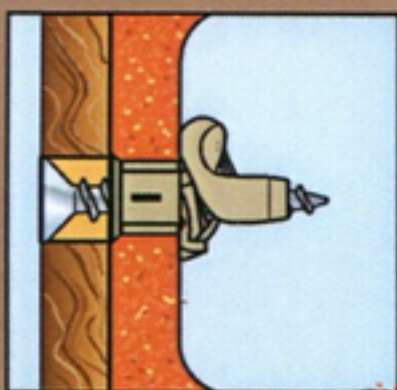
Standard  
concrete drill bit



Until 43 daN before break

- Exit of hole damaged
- Thinner wall

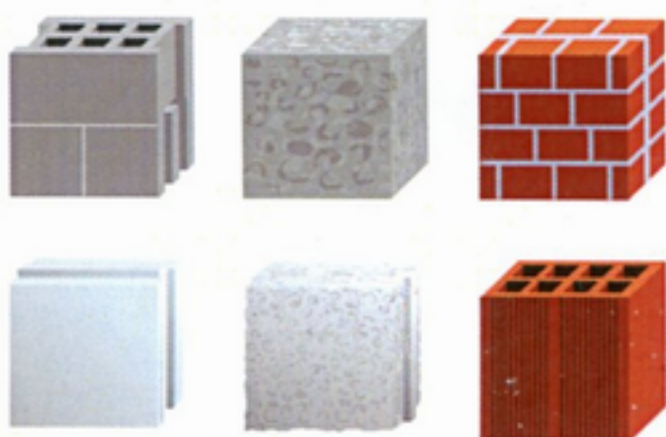
**OPTIMA 3**  
3 cutting



20% more resistant\*

- Perfect net hole
- Optimal fixing

## Materials



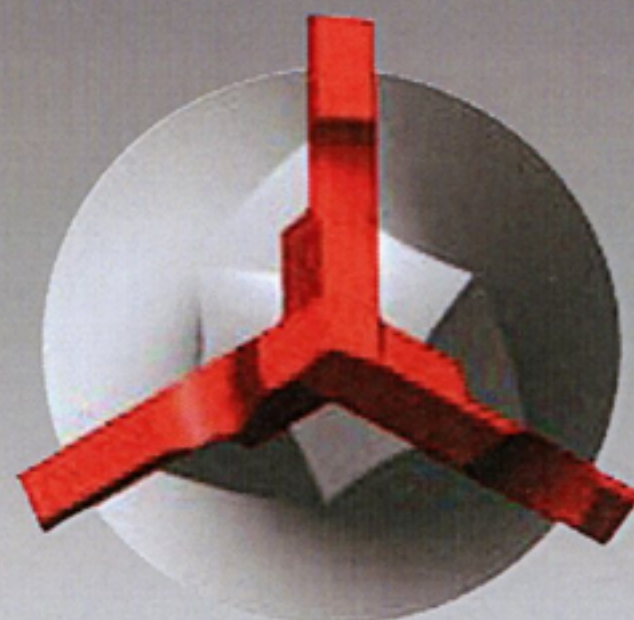
- Concrete B30
- Breeze Block
- Brick
- Hollow Brick
- Plaster Block

## ECOLOGY



Diager, certified ISO 14001, acts for the sustainable growth. The product contributes to the environmental safeguarding by a sandblasted processing which guarantees no heavy metals and ensures compliance with the ceiling for emissions of VOCs\*. Protection respecting the European directive 1999/13/CE.

\*volatile organic compound



- 3 CUTTING EDGES
- MONOBLOC CARBIDE TIP
- POSITIVE SHAPE
- 3 FLUTED SPIRAL



## PERFORMANCES

**+ 5000 HOLES**

**25% FASTER**

**PROPER DRILLING**

# 3

BENEFITS

**LIFE TIME** : 5000 holes drilling capacity ! Tests made by Diager with an automatic bench drilling on B30 concrete and using a 10mm drill bit (percussion mode).

**FASTNESS** : 25% faster (compared to our 2 cutting drill Mega). Average drilling speed measured after 50 holes. Tests made by Diager with an automatic bench drilling on B30 concrete and using 8mm drill bits

**\* SECURITY OF ANCHORING-DRILLINGS DEAD** : Security of anchoring-drillings dead: Tests made by Diager with an automatic bench pulling with an ankle nylon and a screw VBA diam 4,5X70 mm. Average value after 10 pulling tests made in hollow and compared with our 2 cutting drill Flash, 8mm diameter.

Patent  
pending



photos non contractuelles

Packaging :  
Individual  
sleeve pack



# #263

Available range :  
Ø 5-6-8-10-12 mm

# DIAGER®

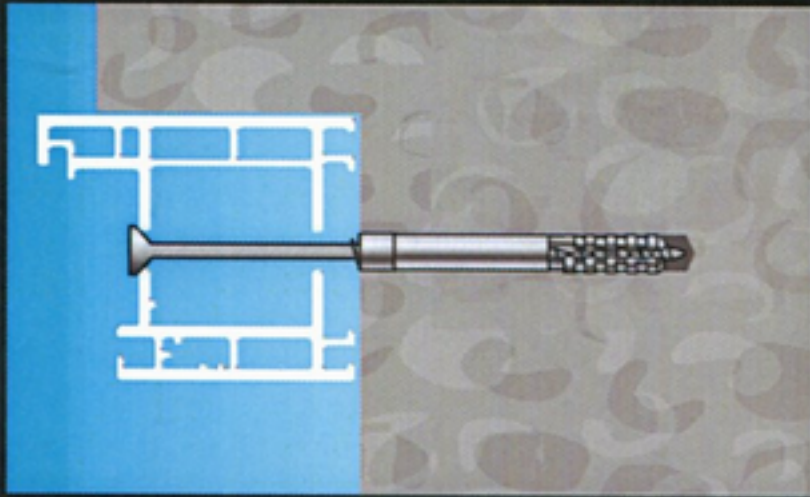
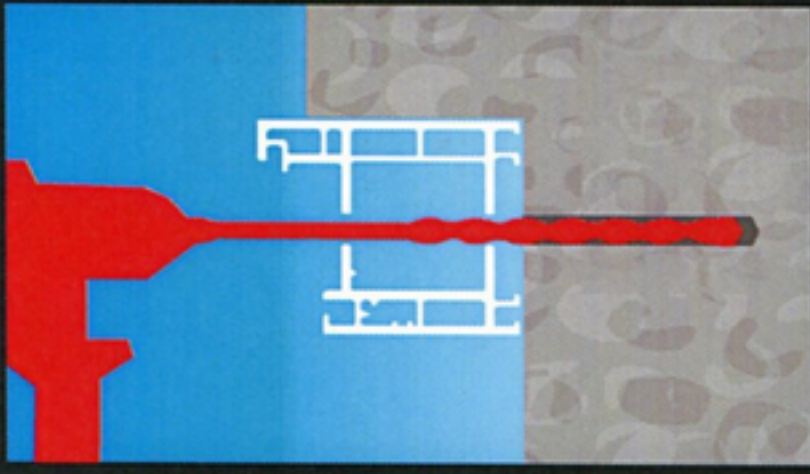


**NEW!**

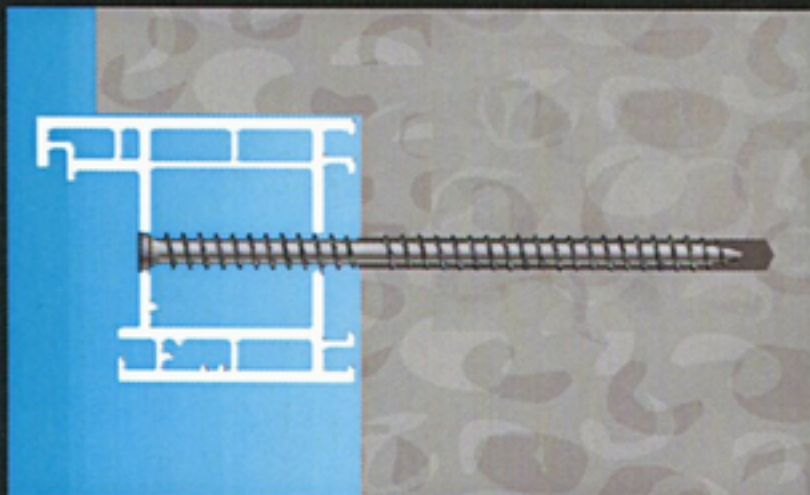
# Drill special windows and doors frames

Hammer drill SDS-plus

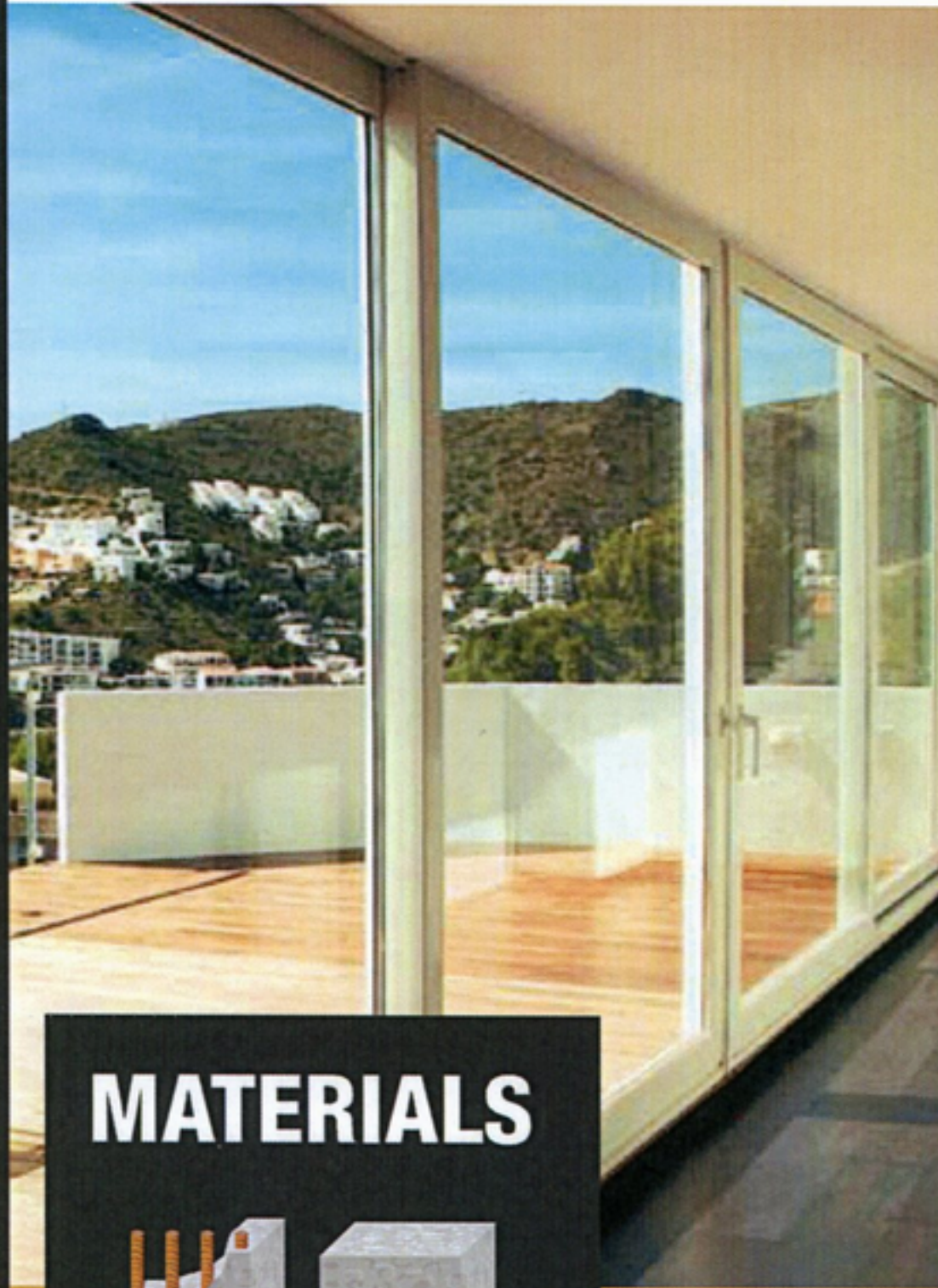
## APPLICATIONS



Ø 6 fixing with fastening

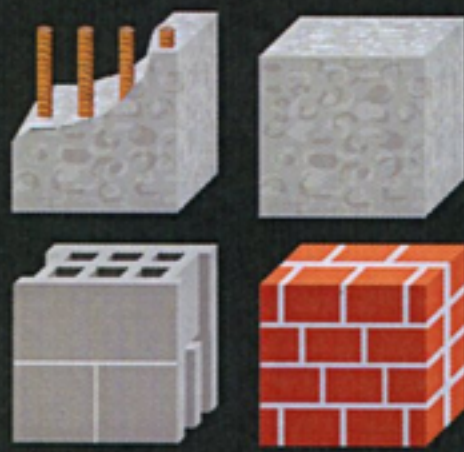


Ø 6.5 fixing with concrete screw



FOR NEW BUILDING OR RENOVATION

## MATERIALS



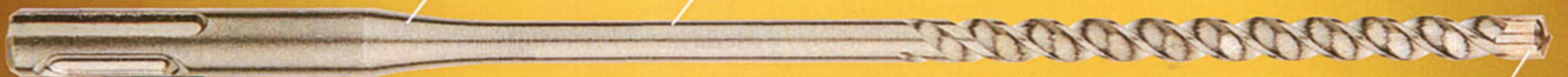
The conical part strengthens the bit

The full part is longer : the body is more resistant

WITH SPECIFIC GEOMETRY, THE DRILL BIT RESISTS TO THE FLEXION WITHOUT BREAKING.



## RESIST TO FLEXION



Attachment  
SDS-plus



Self-centering tip

135° angle, for a better chiseling effect

**MONOBLOC CARBIDE TIP**

*Monobloc carbide tungsten with 3 cutting edges*

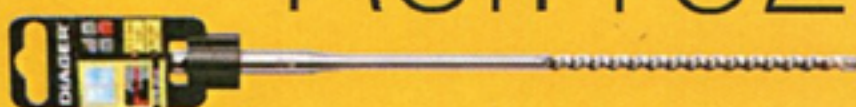


**3 CONTACT POINTS**

**PERFECT HOLES**

The 120° angle guarantees perfect concentric holes (3X120°=360). The booster enables straight drilling.

Ref. 102



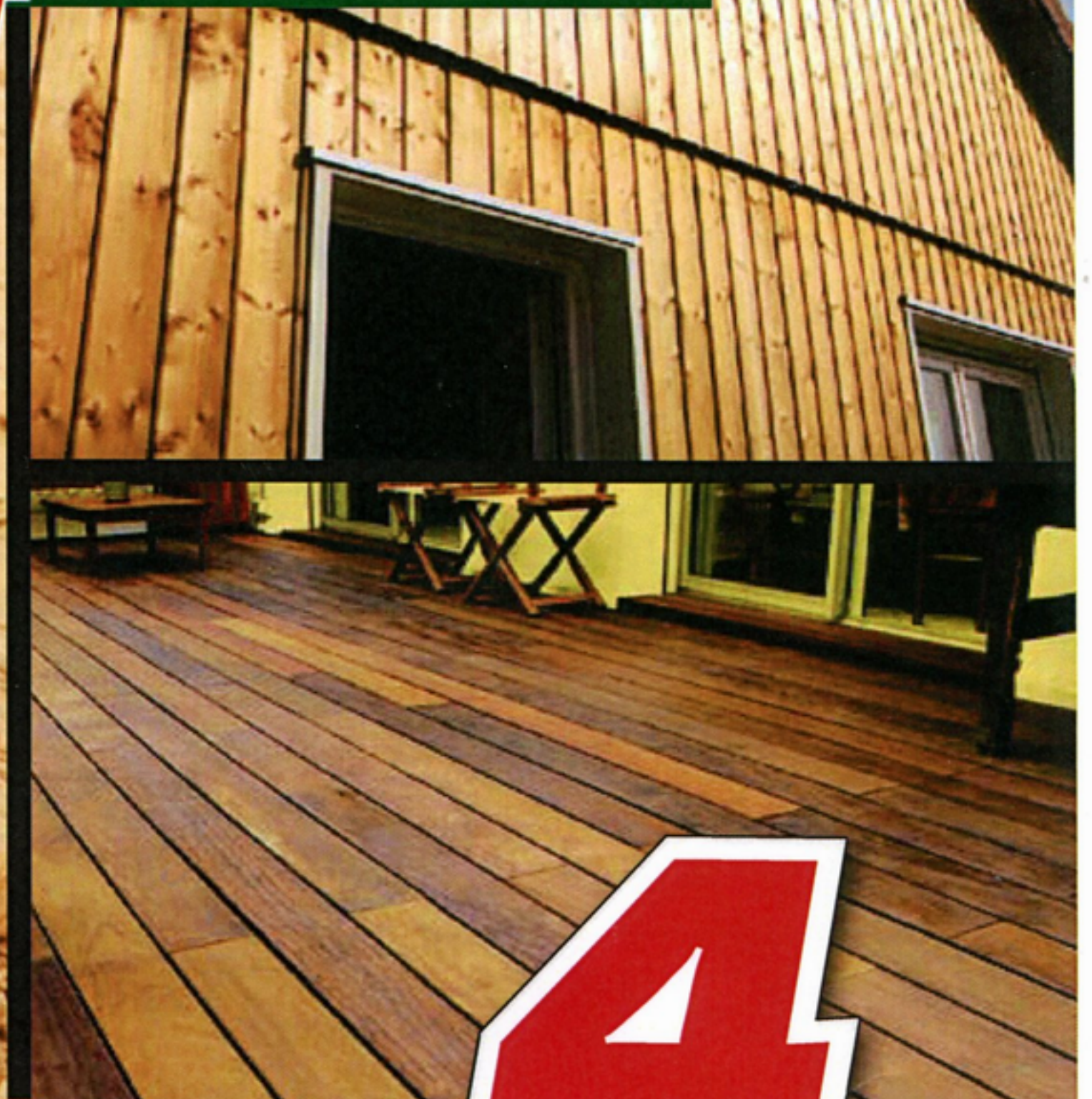
Available Range in individual packaging  
Ø 6 - 6.5 mm L 210 - 260 mm  
Ø 15/64 - 1/4 inches L 8 - 10 inches



**DIAGER®**



# WOOD DRILL BIT **4** POINTS



# **4** WOOD

## QUALITY & PRECISION



### SYSTEM 4 POINTS



- Self centering point
- 3 edges
- 3 lands reducing frictions

The effort divided on 3 cutting edges improve the resistance to wear.

## LONG LIFE

- EXOTIC WOOD (IPE,...)
- BEECH
- OAK
- FIR



## #910

available range :

Ø 3 - 4 - 5 - 6 - 8 - 10 - 12 mm

Ø 1/8 - 5/32 - 3/16 - 15/64 - 5/16 - 3/8 - 15/32 inches



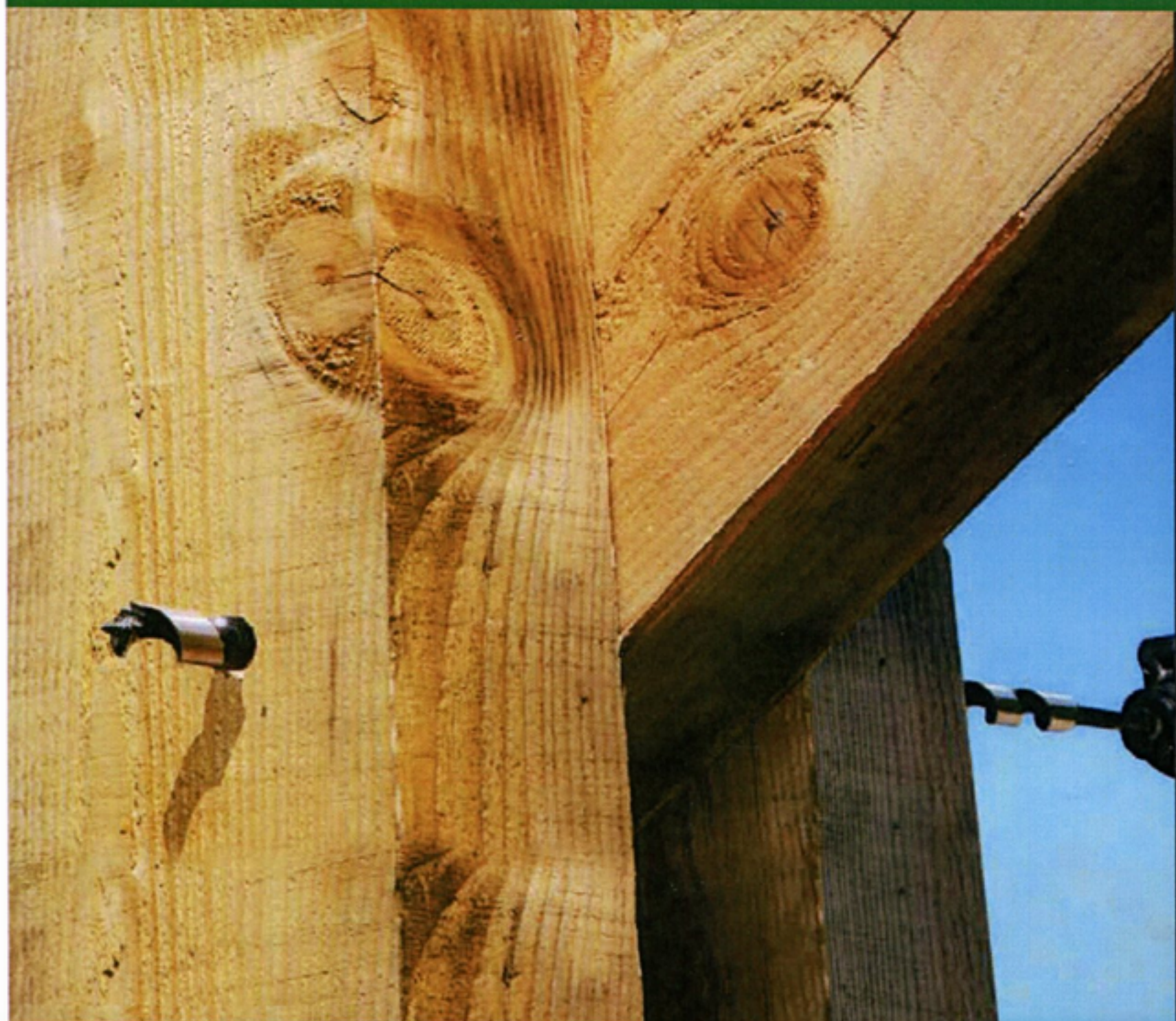
Packaging :  
individual pack

# DIAGER®



**NEW!**

# AUGER BIT



IDEAL FOR THE CARPENTERS



**FAST**  
**ROBUST**

SDS-PLUS or HEXA

ANTI-HEATING

Optimization of the shape to avoid friction and heatings



TO 600 mm →



HEAT TREATMENT

Heat treatment on all the length of the drill to avoid the breaks and the twistings. Smooth flute improve extraction shaving



- EXOTIC WOOD (IPÉ,...)
- OAK
- BEECH
- FIR TREE

HEAD SELF CENTER

ACCURATE CUTTING

Precision : head self center, fluted land and rakes are studied to penetrate hard wood quickly.



Available Range

HEXA	Ref.912	Lg 235 > Ø 4 à 32 mm
	Ref.913	Lg 460 > Ø 8 à 32 mm
	Ref.941	Lg 600 > Ø 12 à 24 mm
SDS-PLUS	Ref.942	Lg 200 > Ø 6 à 8 mm
	Ref.943	Lg 235 > Ø 10 à 20 mm
	Ref.943	Lg 400 > Ø 10 à 22 mm



Packaging :  
Transparent individual tube

# DIAGER®





# Diamond Core drilling for sandstones and ceramics

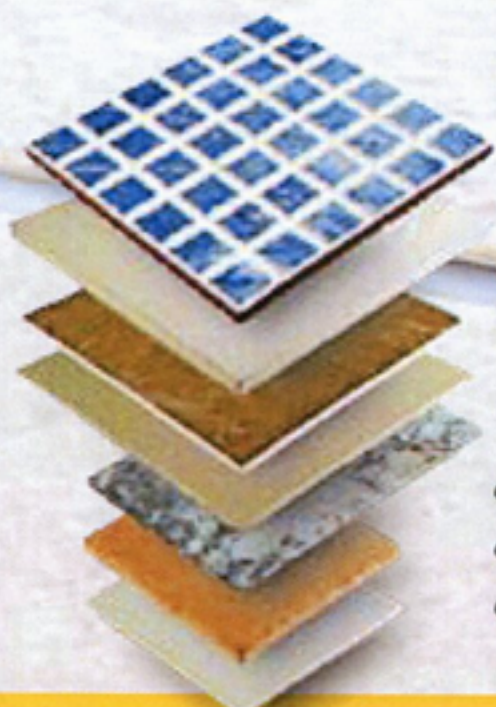


**DRY or WET**

**DRILLING TOOL**



**GRINDING TOOL**



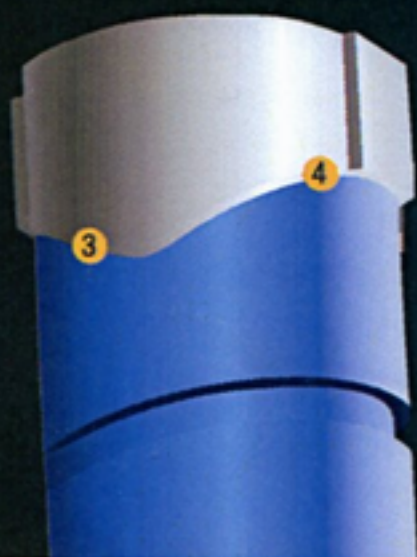
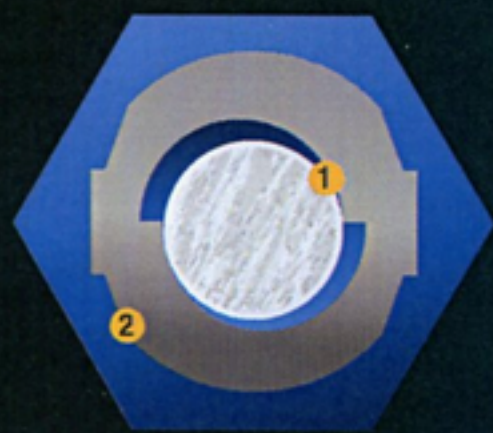
- GLAZE • SANDSTONE • GLAZED SANDSTONE
- SANDWARE • TERRACOTTA
- MARBLE • TILES up to 5<sup>TH</sup> Class

000000 - Dec 2010

## CLEAN & ACCURATE HOLES

### NEW HEAD DESIGN

- 1 Asymmetric channel : reduces the core size for a better extraction;
- 2 New geometry : better cooling;
- 3 Profiled segment : allows a better holding by locking;
- 4 Brazing area increased.



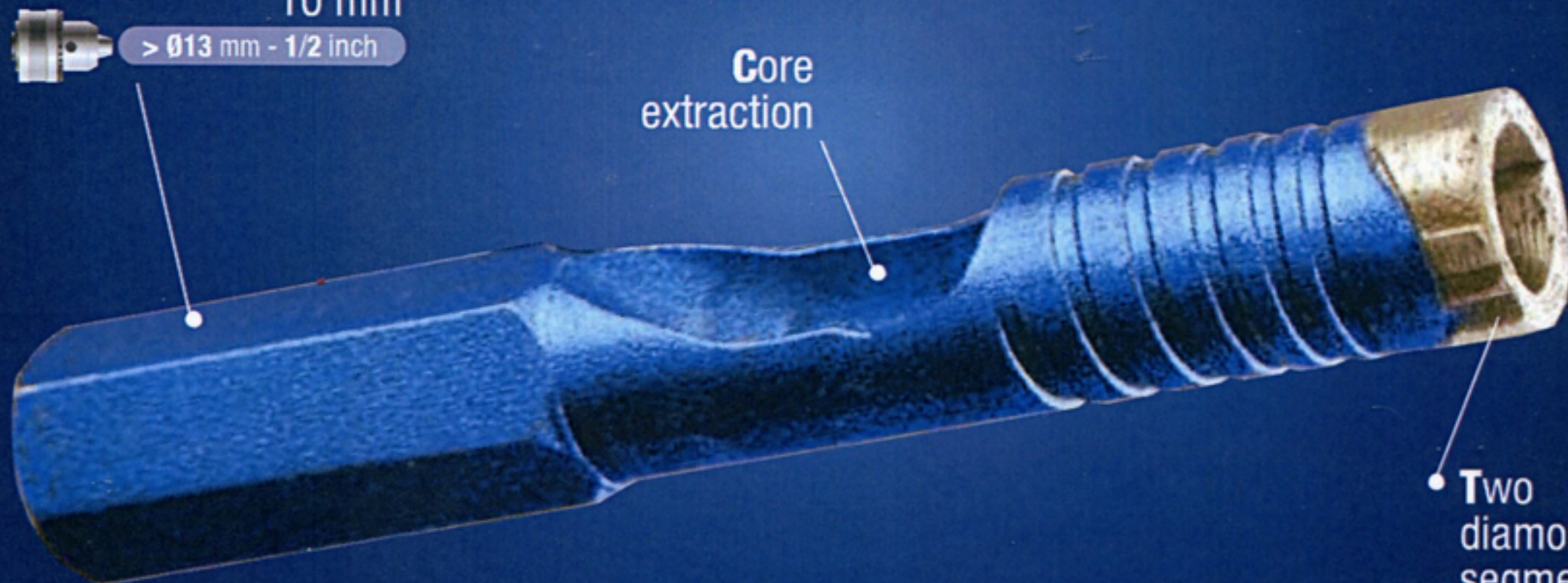
**DIAGER**  
INNOVATION



Hexagonal shank  
10 mm

> Ø13 mm - 1/2 inch

Core  
extraction



Two  
diamond  
segments

# #426

In single packaging, available range  
 Ø 6-7-8-10-12-15-20-25 mm  
 Ø 13/64 - 15/64 - 9/32 - 5/16 25/64  
 15/32 - 19/32 - 25/32 - 1 inches

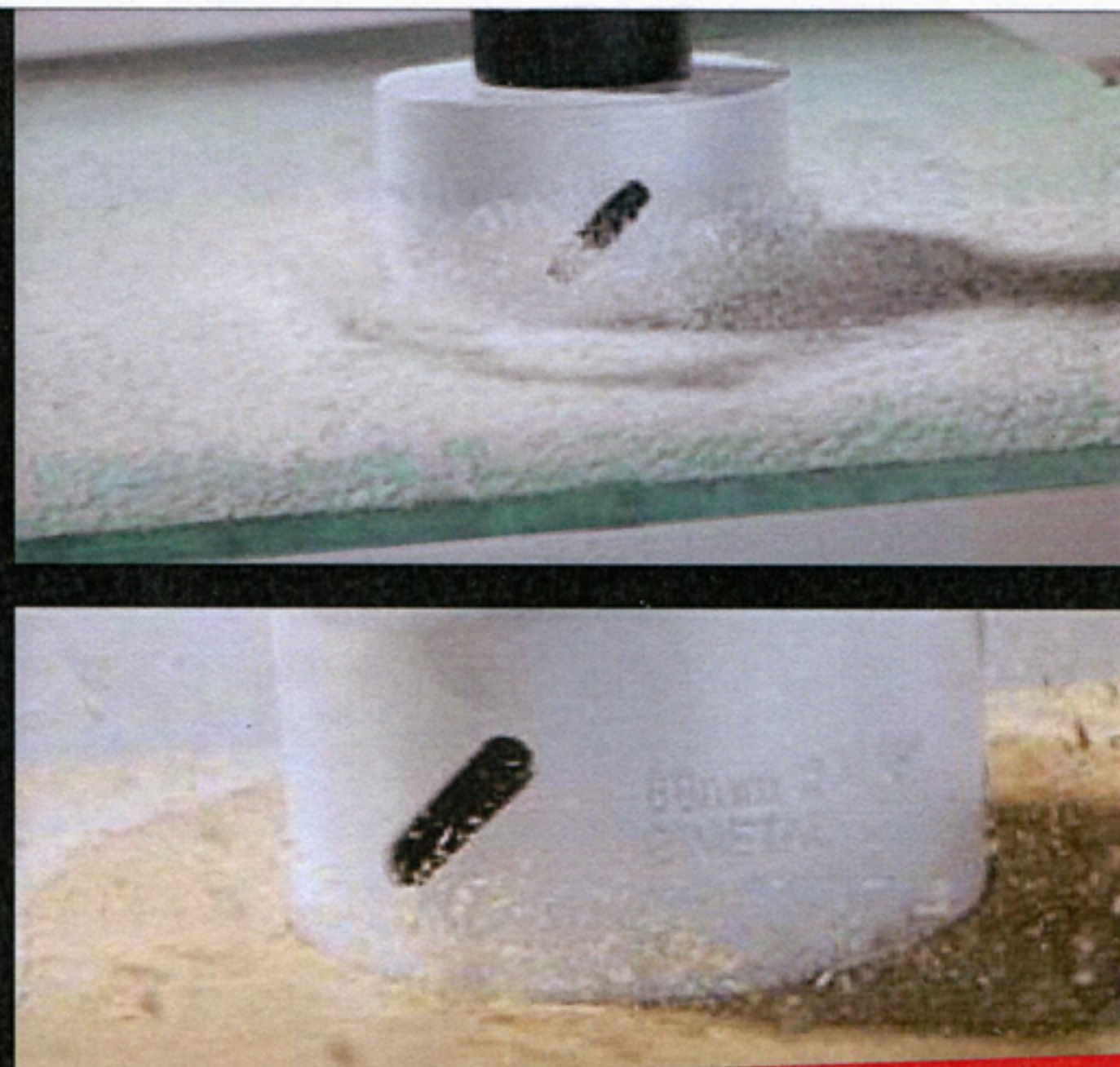
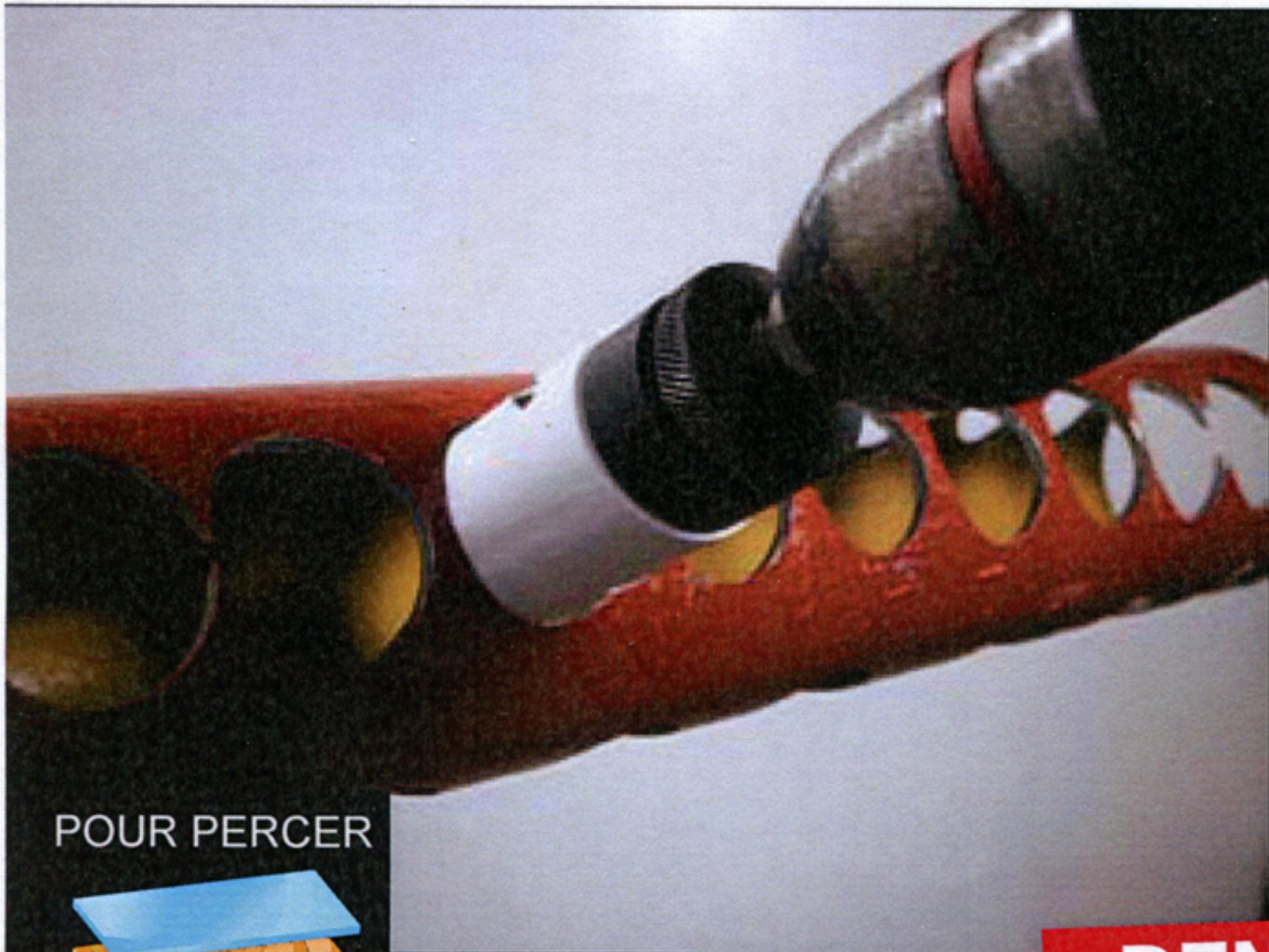


**DIAGER**®

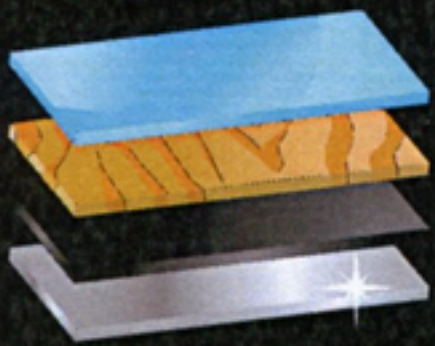


**NEW!**

# SCIE-CLOCHE BI-MÉTAL

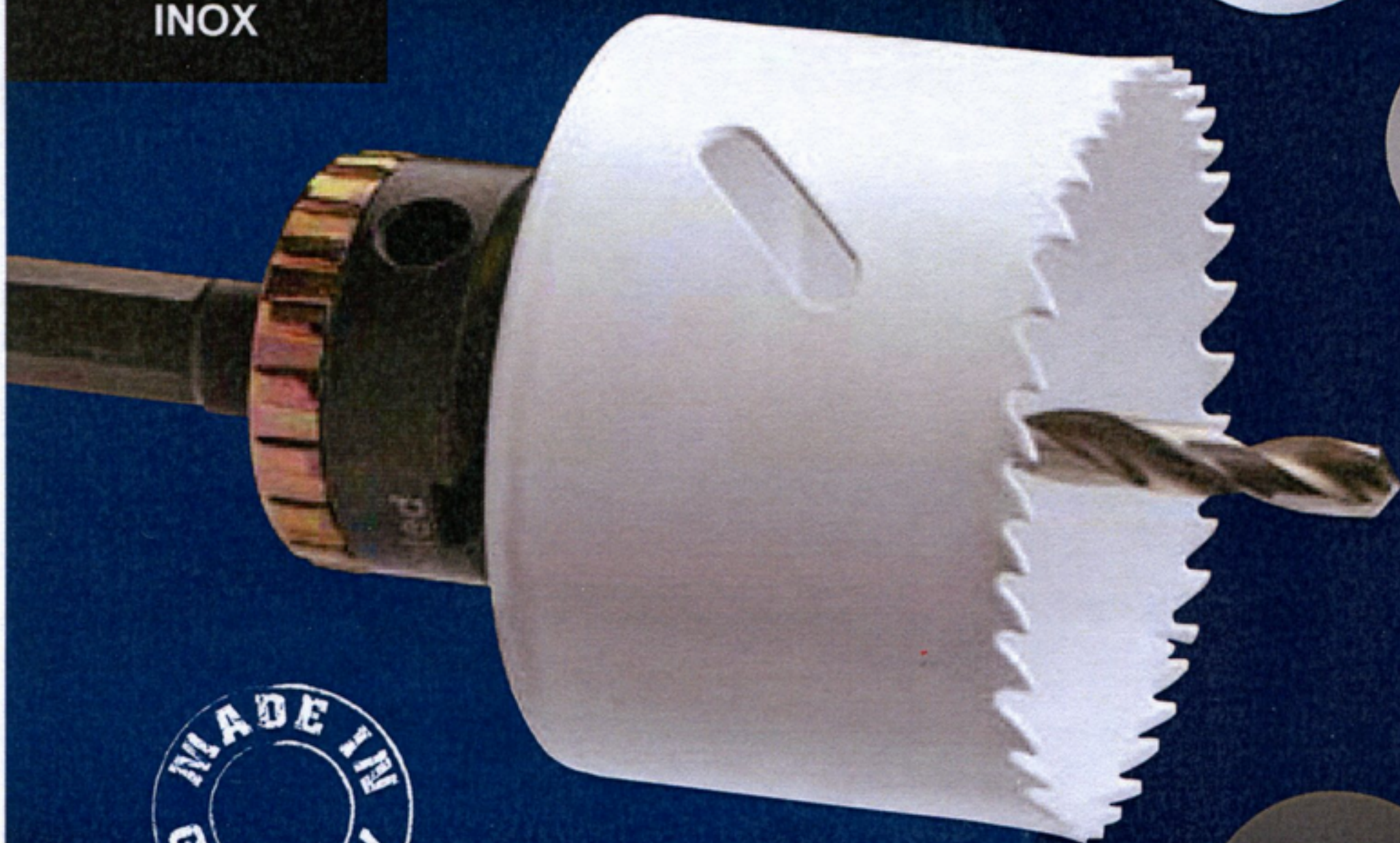


POUR PERCER



PLASTIQUES  
BOIS  
ACIER  
INOX

## DENTURE HSS 8% COBALT



● **DENTURE FRAISÉE**  
Une denture fraisée (comparée à une denture affûtée) sera plus résistante dans le métal et bénéficie d'une plus grande durée de vie.



● **DENTURE AVOYÉE**  
L'avoyage oriente une dent à gauche et une autre à droite. Point primordial pour donner un bon pouvoir de coupe à la scie, il facilite également l'évacuation des particules coupées et évite le blocage de la scie pendant la coupe.



● **DENTURE PROGRESSIVE**  
Groupe de 7 dents avec une géométrie bien définie, qui se reproduit sur tout le périmètre de la scie. La denture à pas variable assure une polyvalence de coupe dans les matériaux définis (métal, bois, plastiques, ...), réduit les vibrations et permet une meilleure finition.



● **DENTS HSS 8% de COBALT**  
L'ajout de cobalt améliore la résistance à la chaleur. Cet élément d'alliage va permettre de supporter des efforts de coupe plus importants et de percer des matériaux durs comme l'inox. Il confère une durée de vie plus importante qu'une scie en acier HSS standard.

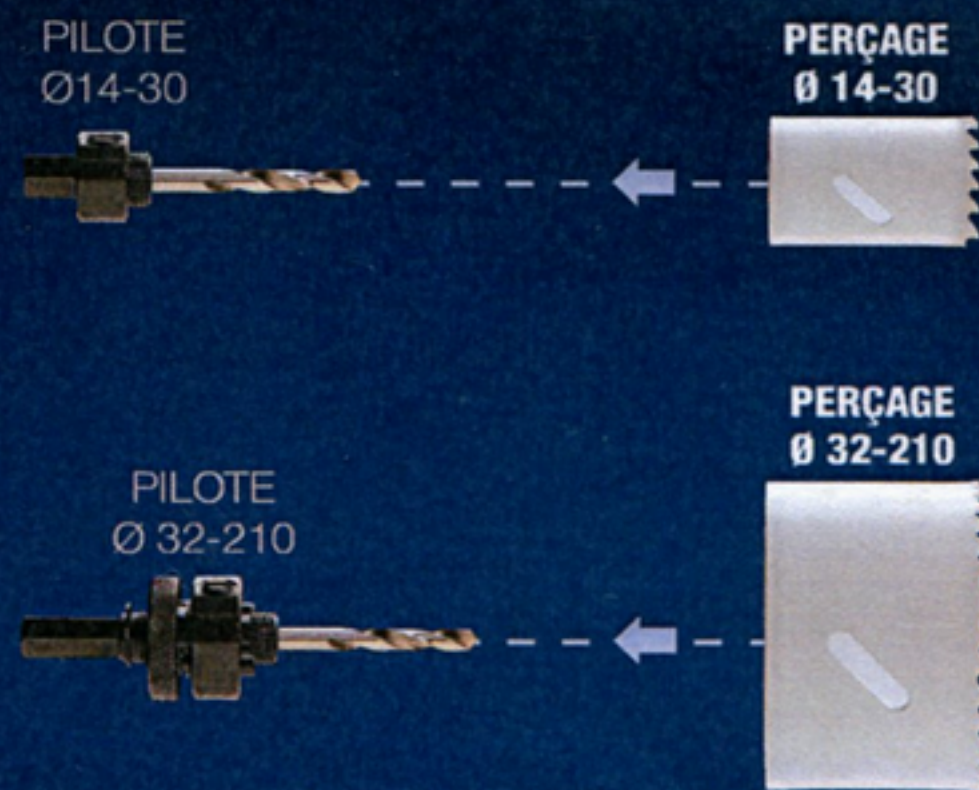
Gamme disponible  
Ø 14 à 210 mm - 9/16 à 8 inches  
Attachement SDS ou HEXA





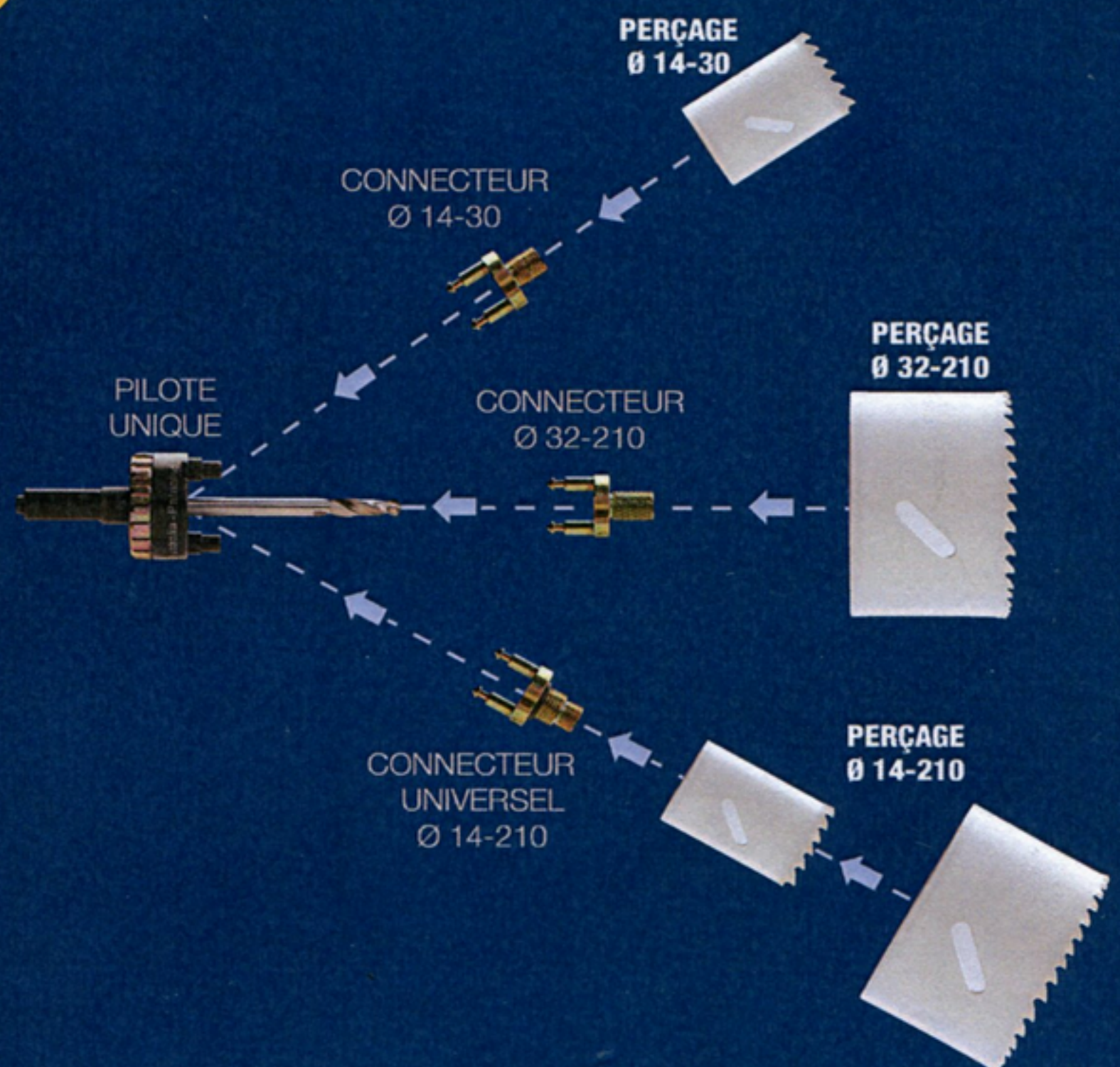
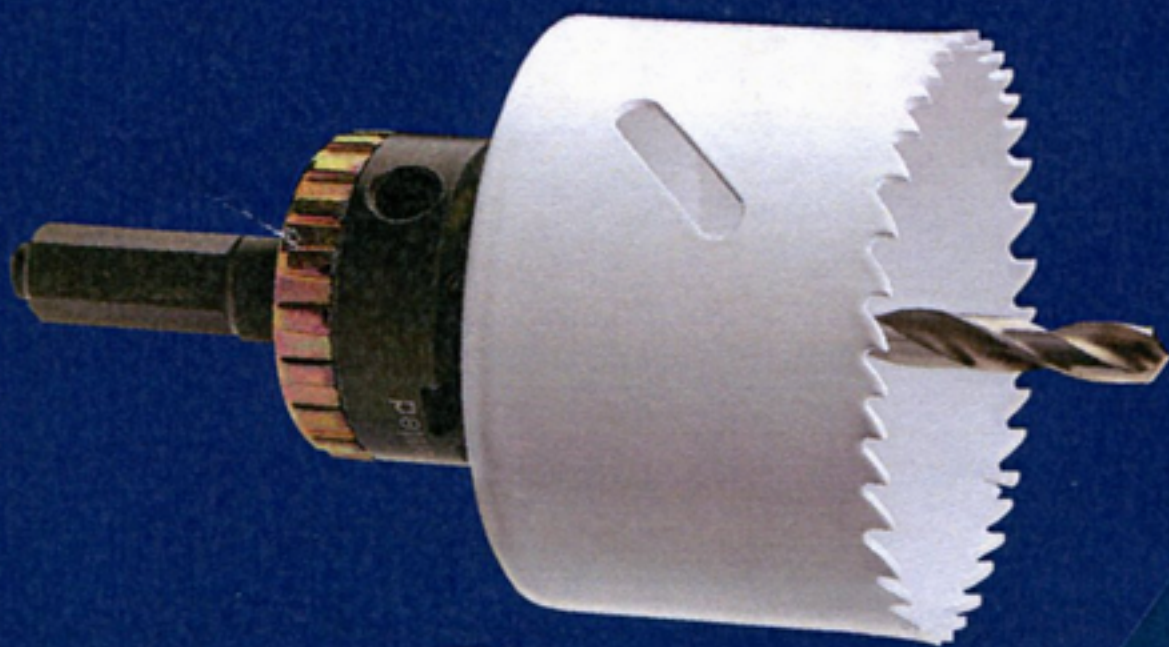
## Système STANDARD

attachement SDS ou HEXA



## Système QUICK-LOCK

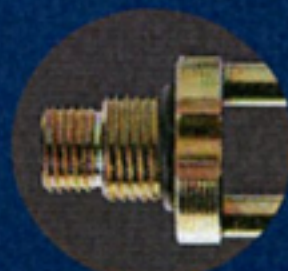
attachement SDS ou HEXA



CHANGEMENT  
QUICK  
LOCK  
RAPIDE



scies-cloche  
interchangeables  
en 2 secondes



Les connecteurs  
sont compatibles  
toutes marques de  
scies-cloche

### ACCESSOIRES

#### Système STANDARD

PILOTE Ø14-30  
SDS réf.651SDS01  
HEXA réf.651HEX01



PILOTE Ø 32-210  
SDS réf.651SDS02  
HEXA réf.651HEX03



FORET CENTREUR  
L83mm réf.651L083  
L102mm réf.651L102



SCIE-CLOCHE  
HSS-Bi-Métal  
Cobalt 8%  
Ø 14-210  
réf.650



### ACCESSOIRES

#### Système QUICK-LOCK

PILOTE UNIQUE  
HEXA réf.652QLHEX



FORET CENTREUR  
réf.651L100



CONNECTEUR Ø 14-30  
réf.652QLFC

CONNECTEUR Ø 32-210  
réf.652QL

CONNECTEUR UNIVERSEL  
Ø 14-210  
réf.652QLDF



SCIE-CLOCHE  
HSS Bi-Métal  
Cobalt 8%  
Ø 14-210  
réf.650



PACKAGINGS

VOIR LA VIDEO



UTILISATION &  
VITESSES DE COUPE

[www.diager.com](http://www.diager.com)



# DIAGER®



**NEW!**

# Core bit diamond ELECTRICIAN

with drill or perforator cell > 750/1000W

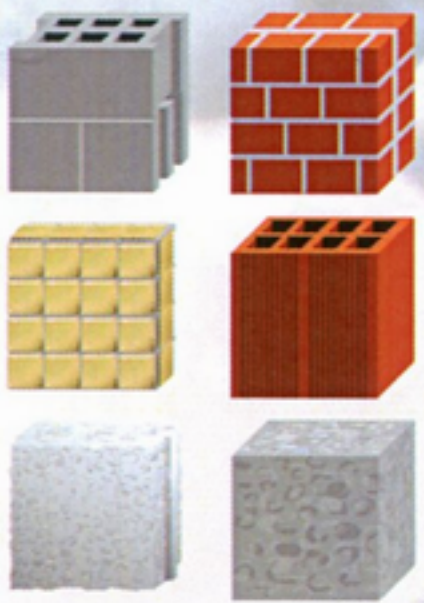
**DIAGER**  
INNOVATION

## Compatible

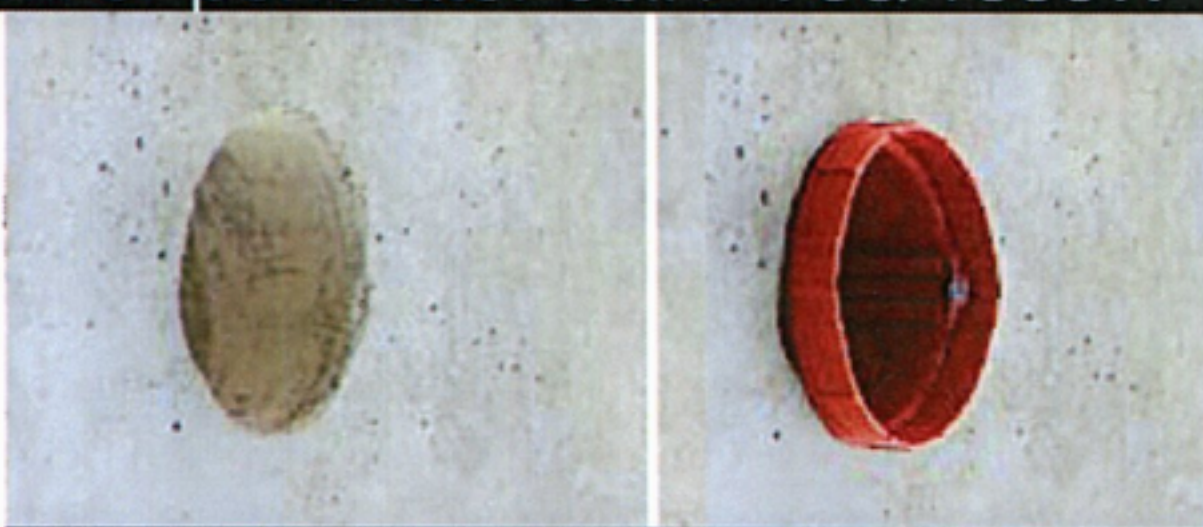


Diameter range designed for laying electric box in the walls filled.

## Materials



- Concrete B30 • Breeze Block
- Brick • Cellular concrete
- Sandware up to 4<sup>th</sup> class



SPECIAL BUILDING IN FULL WALLS



## USE

- Rotational Speed : 850 at 3000 tr/ min
- Drilling rotating
- For a clean hole start in 45° to make the detonator of hole then straighten progressively in 90°
- Use without centring drill

## SHARPENING

- Sharpening refreshes the cutting power of the tool.
- To sharpen the tool, make a hole in an abrasive stone like brick at low speed.

**DRY USE**

**FAST CORE DRILLING**

**NEW!**



## NEW DIAMOND SEGMENTS

- Short and wavy segments
- + FASTER**
  - Reduce machine effort
  - Decrease lateral friction which allows a better rubbles evacuation
- + COMFORTABLE**
  - Use in rotation system only

att.  
M16



Ø  
68/82



## Core bit adapter M16



Hexa (#433)  
or compatible SDS-plus (#367)



# #431D

Range available in individual packing  
Ø 68 & 82 mm LU 66 x LT 88 mm

Shortly available in LU 150 mm #432D

# DIAGER®



**NEW!**

# Core bit diamond ELECTRICIAN

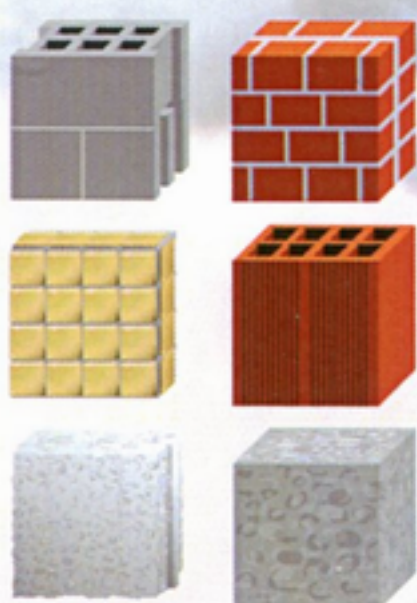
with drill or perforator cell > 750/1000W

**DIAGER**  
INNOVATION

**RECOMMENDED FOR :**

- Steel pipe for heating systems
- Copper pipe for evacuation or pvc lavabo Ø 32
- Copper pipe for evacuation or pvc bath Ø 40
- Copper pipe for evacuation or pvc Ø 50
- Lighting box

**Materials**



- Concrete B30 • Breeze Block
- Brick • Cellular concrete
- Sandware up to 4<sup>th</sup> class

**USE**

- Rotational Speed : 850 at 3000 tr/ min
- Drilling rotating
- For a clean hole start in 45° to make the detonator of hole then straighten progressively in 90°
- Use without centring drill

**SHARPENING**

- Sharpening refreshes the cutting power of the tool.
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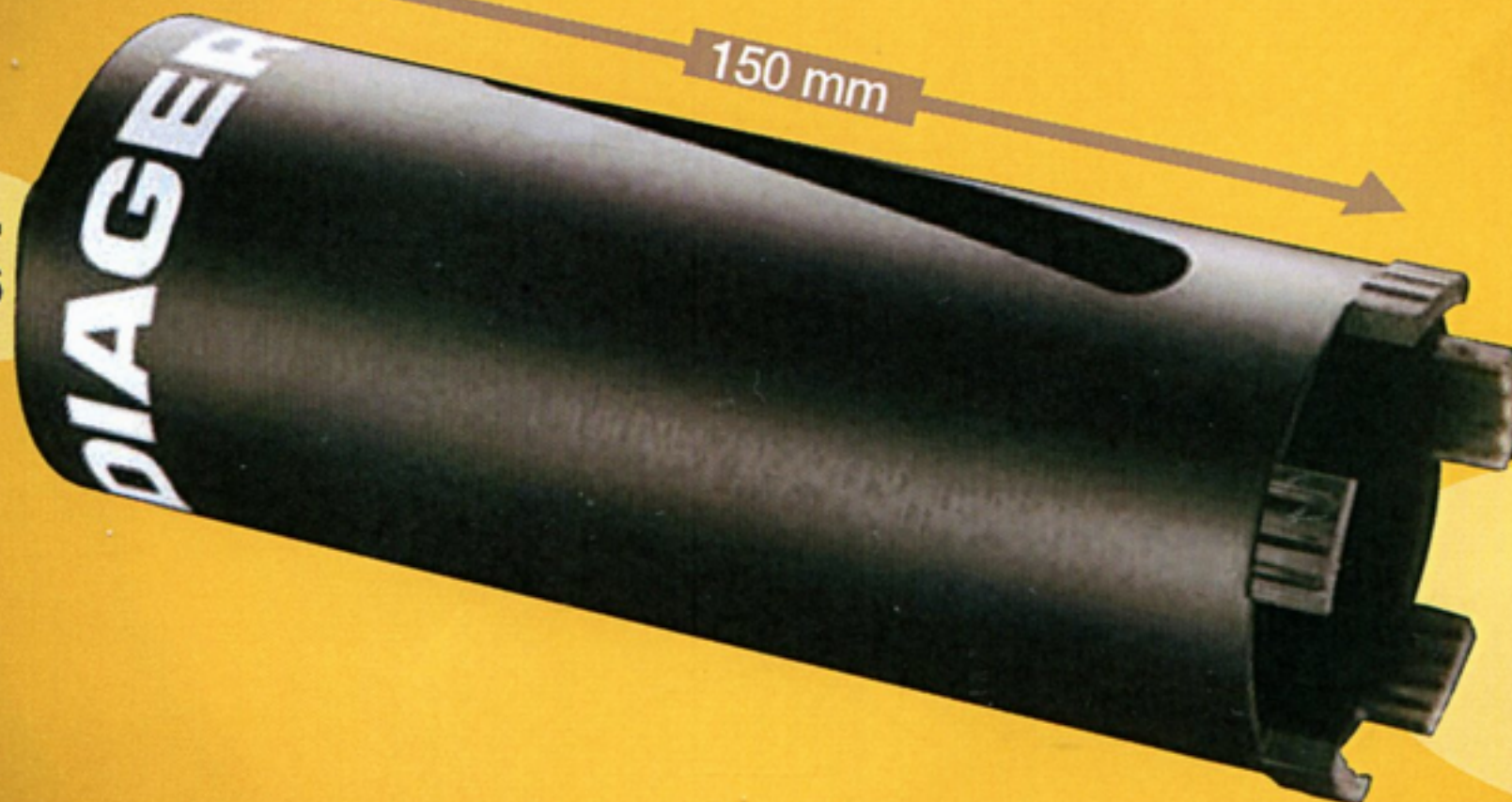
**DRY USE**

**FAST CORE DRILLING**

**NEW!**



att. M16



Ø 29/65

**NEW DIAMOND SEGMENTS**

- Short and wavy segments

**+ FASTER**

- Reduce machine effort
- Decrease lateral friction which allows a better rubbles evacuation

**+ COMFORTABLE**

- Use in rotation system only



#432D

Range available in individual packing  
 Ø 29-35-42-52-65 mm  
 LU 150 x LT 162 mm

**Core bit adapter M16**



Hexa (#433)  
 or compatible SDS-plus (#367)



**DIAGER**®

not contractual pictures



**NEW!**

# HELICAL CHISEL



**CUTTING CHANNELS, OPENINGS,  
DEMOLITION CONCRETE**



**FASTER  
PENETRATION**

**DO NOT LOCK  
INTO MATERIALS**

HAMMER COMPATIBLE **SDS-PLUS / SDS-TOP / SPIT / SDS-MAX**



**DIAGER**  
INNOVATION

## HELICAL WORKING HEAD

4 ANTI-LOCK  
CUTTING  
EDGES

BETTER AIR  
AND DUST  
REMOVAL



### ● EFFORTLESS DRILLING

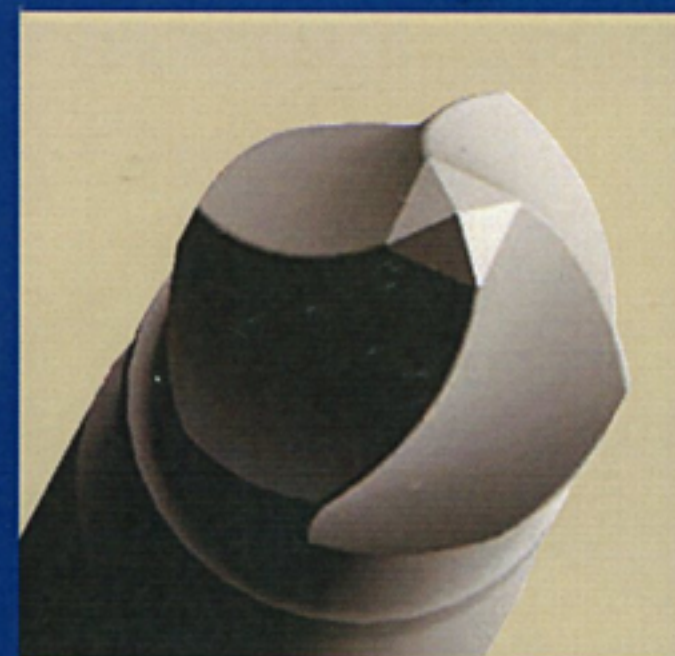
Due to its helical head, the Pointed chisel penetrates and exposes easily most materials. The user's efforts are minimised in comparison to a classic head form. User comfort is improved.

### ● ANTI-LOCK

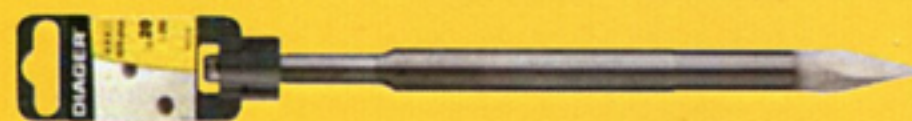
The new helical working head works in half rotation with constant pressure on its 4 cutting edges. Due to its guide and specific geometry which evacuates air and dust during drilling, it does not lock into materials.

### ● 100 % POWERFUL

High temperature heat treatment under controlled atmospheric conditions provides maximum strength which concentrates all the machine tool power for a real drilling performance.



Available range



COMPATIBLE

SDS-PLUS : Ø12 / 14 L 250 mm : Ref. 322

SDS-PLUS & SPIT : Ø 14 L 250 mm : Ref. 323

SDS-TOP : Ø 14 L 250 mm : Ref. 395

SDS-MAX : Ø18 L 280 / 400 / 600 mm Réf. 342

**DIAGER**<sup>®</sup>