



# EUROBOOR

HOLE CUTTERS & ACCESSORIES

*FOR PROFESSIONALS BY PROFESSIONALS*



# HOLE CUTTERS

**Quality and safety** have been the top priority at Euroboor for years and have become significant factors throughout the entire assortment. When it comes to the production of hole cutters especially, much needs to be considered. Euroboor hole cutters are manufactured of certified HSS steel. The production process is handled by high-tech CNC-machines. A control is made at the end of every production stage. The end-product finally arrives at the end control where standards are higher, as quality is only approved when it is consistent.

HSS steel does not become a hole cutter easily, especially not an Euroboor hole cutter, because there is a world of difference. To obtain the maximum advantage from your magnetic drilling machine, you will naturally use Euroboor hole cutters. They offer the quickest drilling time, combined with a very long lifespan. Consequently more advantages for you.

**Assortment.** At Euroboor you are able to choose from the largest range of hole cutters, in both size and material. For you may choose from HSS, Cobalt alloy, and recently, Tungsten Carbide Tipped (hard metal) hole cutters with an universal connection. In this brochure you will find many more new and innovative products. Euroboor has the right equipment, which is always in stock, for every application.





Double action teeth



Conical surface inside



Optimal centre pilot fitting



Perfectly ground clamp surfaces



Each tooth cuts



Optimal cutting results

*Perfect start without sliding out of position*

*Conical surface inside*

*Precise centre pilot fitting*

*Ground clamp surface*

*Faster, for every tooth cuts*

*More accurate*

*Longer drill depth*

*Stronger, therefore less fracture*

*Guaranteed slug ejection*



## EUROBOOR+ EUROBOOR PLUS

HOLE CUTTERS OF HSS-QUALITY

*Euroboor+: All purpose cutter.  
Euroboor+ cutters are available in sizes:*



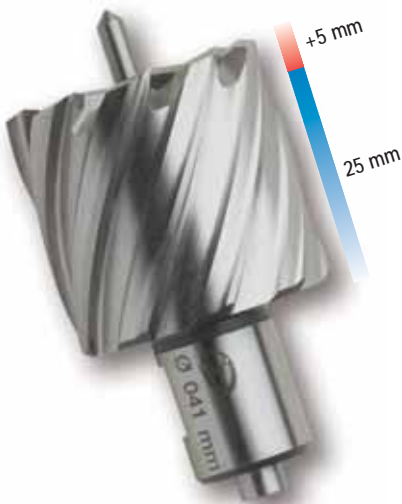
ARTICLE	Ø	DESCRIPTION
HCS series	12 mm - 130 mm	Hole cutters with cutting depth 30 mm – increasing by 1 mm
HCL series	12 mm - 130 mm	Hole cutters with cutting depth 55 mm – increasing by 1 mm
HCY series	20 mm - 50 mm	Hole cutters with cutting depth 75 mm – increasing by 1 mm
HCX series	20 mm - 50 mm	Hole cutters with cutting depth 100 mm – increasing by 1 mm

*The Euroboor+ hole cutters are also available in inch sizes:*

ARTICLE	Ø	DESCRIPTION
HCS series	7/16" - 5"	Hole cutters with cutting depth 30 mm – increasing by 1/16"
HCL series	7/16" - 5"	Hole cutters with cutting depth 55 mm – increasing by 1/16"
HCY series	3/4" - 2 1/16"	Hole cutters with cutting depth 75 mm – increasing by 1/16"
HCX series	3/4" - 2 1/16"	Hole cutters with cutting depth 100 mm – increasing by 1/16"



**All Euroboor packings come with an article number and a barcode.**



*For instance: How much material does a twist drill remove compared to a Euroboor hole cutter?*

at ø	14 mm	24 %	more
at ø	22 mm	42 %	more
at ø	30 mm	80 %	more
at ø	50 mm	177 %	more
at ø	100 mm	650 %	more



*A twist drill removes all the material.*



*A Euroboor hole cutter only removes the contour.*

*At Euroboor a standard hole cutter is no less than 5 mm longer than hole cutters from many other manufacturers. This results in a standard advantage of up to 20% for you.*

# HOLE CUTTERS

COBALT8, TCT & TRC

## COBALT8

HOLE CUTTERS OF HSS-QUALITY WITH 8% COBALT ALLOY

BY EUROBOOR



Cobalt8: For processing steel, steel alloys and stainless steel.  
Cobalt8 cutters are available in sizes:

ARTICLE	Ø	DESCRIPTION
IBS series	12 mm - 130 mm	Hole cutters with cutting depth 30 mm – increasing by 1 mm
IBL series	13 mm - 130 mm	Hole cutters with cutting depth 55 mm – increasing by 1 mm



## TCT

HOLE CUTTERS WITH HARD METAL TEETH



TCT: For processing steel, steel alloys and stainless steel.  
TCT hole cutters are available in sizes:

ARTICLE	Ø	DESCRIPTION
HMS series	14 mm - 50 mm	Hole cutters with cutting depth 35 mm – increasing by 1 mm
HML series	14 mm - 130 mm	Hole cutters with cutting depth 50 mm – increasing by 1 mm



## TRC

HOLE CUTTERS WITH HARD METAL TEETH SPECIFICALLY FOR DRILLING IN RAILS

TRC: For processing rails.  
TRC hole cutters are available in sizes:

ARTICLE	Ø	DESCRIPTION
TRCS series	19 mm	Hole cutters with cutting depth 35 mm
TRCS series	30 mm	Hole cutters with cutting depth 35 mm
TRCS series	33 mm	Hole cutters with cutting depth 35 mm

Other sizes available on request.



## HOLE CUTTER KIT

ARTICLE	DESCRIPTION
CAS.010	Hole cutter kit in plastic case including 2x HCS.140, 2x HCS.180, 2x HCS.220, 1x IBC.70
CAS.010L	Hole cutter kit in plastic case including 2x HCL.140, 2x HCL.180, 1x HCL.220, 1x IBC.90



# ACCESSORIES

We consider **Accessories** as assistance tools. Their existence lies in practical situations where people are confronted with complications. Complications which often could have been avoided by prior calculation of the diversity and complexity of the job.

With 30 years of experience, most complications are well known to us.

Euroboor accessories have been developed for direct practical solutions and comfort on the job.

A non-ferrous surface, drilling horizontally or lack of space... fortunately, you can continue to work uninterrupted. In this brochure you will find a wide range of handy and necessary accessories, tuned even for your work.

With Euroboor accessories you can resolve a problem professionally.

## ACCESSORIES


## PILOT PINS

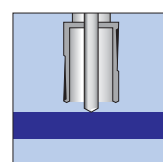


ARTICLE	Ø PILOT PIN	TYPE*	FOR CUTTER TYPE	Ø CUTTER
IBC.70	6,3 x 79 mm	<b>A</b>	HCS/IBS	12 - 60 mm
IBC.75	6,3 x 90 mm	<b>B</b>	HMS	14 - 17 mm
IBC.80	8,0 x 103 mm	<b>C</b>	HCS/IBS HMS	61 - 130 mm 18 - 130 mm
IBC.90	6,3 x 102 mm	<b>D</b>	HCL/IBL HML	12 - 60 mm 14 - 17 mm
IBC.100	8,0 x 123 mm	<b>E</b>	HCL/IBL HML HCY	61 - 130 mm 18 - 130 mm 20 - 50 mm
IBC.130	8,0 x 162 mm	<b>F</b>	HCX	20 - 50 mm

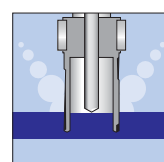
\* For quick and easy selecting the correct pilot pin for the right cutter, we have divided them in types A-F. These types are indicated in the pricelist for hole cutters.

### EXTRA LONG PILOT PINS FOR EXTENSIONS

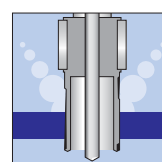
ARTICLE	Ø PILOT PIN	FOR CUTTER TYPE
IBC.K25	6,3 x 128 mm	behorende bij IBK.25 verlengas 
IBC.K50	6,3 x 155 mm	behorende bij IBK.50 verlengas
IBC.K75	6,3 x 176 mm	behorende bij IBK.75 verlengas
IBC.K100	6,3 x 204 mm	behorende bij IBK.100 verlengas



Accurate positioning with the centre pilot.



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



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



# ACCESSORIES

## MORSE TAPERS

ARTICLE	SIZE	DESCRIPTION
MC.2	2 - 19 mm	Morse taper, Weldon
MC.3	3 - 19 mm	Morse taper, Weldon
MC.3/32	3 - 31,75 mm	Morse taper, Weldon
MC.4	4 - 19 mm	Morse taper, Weldon

ARTICLE	DESCRIPTION
IMC.20/N	As MC.2, however suitable for cooling system KSP.Q
IMC.30/N	As MC.3, however suitable for cooling system KSP.Q
IMC.30/32/N	As MC.3/32, however suitable for cooling system KSP.Q
IMC.40/N	As MC.4, however suitable for cooling system KSP.Q

MCQ.20	Morse taper 2 Quick Connect, suitable for cooling system KSP.Q
MCQ.30	Morse taper 3 Quick Connect, suitable for cooling system KSP.Q

020.0116Q	Spindle 1/2" x 20UNF - 19 mm Weldon Quick connect
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# ACCESSORIES

## EXTENSIONS AND WELDON ADAPTERS

### EXTENSIONS

ARTICLE	DESCRIPTION
IBK.25	Adapter 19 mm Weldon (outer) - 19 mm Weldon (inner) extension 25 mm
IBK.50	Adapter 19 mm Weldon (outer) - 19 mm Weldon (inner) extension 50 mm
IBK.75	Adapter 19 mm Weldon (outer) - 19 mm Weldon (inner) extension 75 mm
IBK.100	Adapter 19 mm Weldon (outer) - 19 mm Weldon (inner) extension 100 mm
MC.3x3T265	Extension Morse taper 3 - Morse taper 3 (extension 265 mm)

DRILL DEPTH	30MM	55MM	75MM	100MM
EXTENSION				
IBK.25	IBC.90	IBC.K25	IBC.K50	IBC.K75
IBK.50	IBC.K25	IBC.K50	IBC.K75	IBC.K100
IBK.75	IBC.K50	IBC.K75	IBC.K100	
IBK.100	IBC.K75	IBC.K100		



### WELDON ADAPTERS

ARTICLE	DESCRIPTION
IBK.NIT	Adapter Nitto One Touch (outer) - 19 mm Weldon inner
IBK.QFN	Adapter Fein Quick IN (outer) - 19 mm Weldon inner



HSS Twist Drill with 19mm Weldon insertion. Same connection as the hole cutters. This system makes dismantling of the cutter spindle unnecessary. Suitable for the most common processes of metal and steel.



ARTICLE	Ø	DESCRIPTION
SPI.06	6 mm	Twist drill with Weldon insertion
SPI.08	8 mm	Twist drill with Weldon insertion
SPI.09	9 mm	Twist drill with Weldon insertion
SPI.10	10 mm	Twist drill with Weldon insertion
SPI.11	11 mm	Twist drill with Weldon insertion

Twist drills are also available in inch sizes:

ARTICLE	Ø	DESCRIPTION
SPI.1/4	1/4"	Twist drill with Weldon insertion
SPI.5/16	5/16"	Twist drill with Weldon insertion
SPI.3/8	3/8"	Twist drill with Weldon insertion




IBK 13



IBQ 16



IBK 14

ARTICLE	DESCRIPTION
IBK.13	Drill chuck 1,5 - 13 mm, 1/2" x 20 UNF (inner)
IBK.13-B16	Drill chuck 1-13 mm with B16 spindle connection
IBK.16-B16	Drill chuck 16 mm with B16 spindle connection
IBQ.16	Quick connect drill chuck 16 mm with B18 spindle connection
IBK.14	Adapter 19 mm Weldon (outer) - 1/2" x 20 UNF (outer)
B16-MC2	Extension B16 - Morse taper 2 
B16-MC3	Extension B16 - Morse taper 3
B18-MC2	Extension B18 - Morse taper 2
B18-MC3	Extension B18 - Morse taper 3
IBK.16-14	Adapter 19 mm Weldon (outer) - B16 spindle connection
IBK.16-14-N	Adapter Nitto One Touch - B16 spindle connection
IBK.16-14-FQ	Adapter Fein Quick In - B16 spindle connection



B16-MC3



IBK 16-14N



IBK 16-14



IBK 16-14FQ



*Tapping chucks... Our advice in your choice!  
We offer you the following advice in order to decide which tap chuck is most suitable for you:*

*The GSW.830 with MT3 connection is the most inexpensive choice if you wish to tap more than 4 sizes, due to its variable clamp pliers, The GSW.830 with two clamp pliers covers all sizes M10-M30. Conform DIN228. Clamping technique by means of variable clamp pliers.*

*GSW.333 tap holder with quick change system. MT3 connection, conform DIN228B. Tapping capacity M14-M30. Clamping technique by means of quick change holders which can be purchased separately. The GSW.333 is less expensive when you require less than 4 tap sizes.*

*GSE Tap holders for M14-M30. Available for GSW.333*

*VSP.160 Variable clamp pliers for use in tap chuck GSW.830.  
The clamp is suitable for entry or taps  $\varnothing$  9.1mm through  $\varnothing$  16mm.*

*VSP.230 Variable clamp pliers for use in tap chuck GSW.830.  
The clamp is suitable for entry or taps  $\varnothing$  16mm through  $\varnothing$  23mm.*

*TCM Tap holders M10-M24 with Weldon insertion .  
Suitable for Euroboor Tapping Machines.*

ARTICLE	$\varnothing$	DESCRIPTION
GSW.830	M10 - M30	Tapping chuck
GSW.333		Tap holder with quick change system
VSP.160	9,0 - 16,0 mm	Variable clamp pliers for GSW.830
VSP.230	16,0 - 23,0 mm	Variable clamp pliers for GSW.830
GSE.314 - GSE.330	M14 - M30	Tap holder for GSW.333
TCM.10 - TCM.24	M10 - M24	Tap holder for ECO.32-T, ECO.50-T en ECO.100/3 tapping machines



GSW 830



GSW 333



GSE tapcollet



VSP 160 / VSP 230



T.C.M. Serie





SCE.30



SCE.40



SCE.50



ESS.430

## COUNTERSINKS

ARTICLE	Ø	DESCRIPTION
SCE.30	10 - 30 mm	Countersink drill with 19 mm Weldon connection
SCE.40	10 - 40 mm	Countersink drill with 19 mm Weldon connection
SCE.50	15 - 55 mm	Countersink drill with 19 mm Weldon connection

## STEP DRILLS

ARTICLE	DESCRIPTION
ESS.430	Set of 3 parts Ø 4 - 30 mm HSS Titanium coated



Watch the demonstration films on  
[www.euroboor.com](http://www.euroboor.com)

The Power Assist is a standard capstan, provided with delayed torque transfer. This decreases the load on both cutter and drilling machine, so the machine's r.p.m. sustains at a maximum.

The value of Power Assist is priceless:

- Even quicker drilling time, saving your time!
- Prevents fracture of drills
- Extending drill's lifespan
- Extending machine's lifespan



030E.0048  
 020.0330  
 020.0336



020.0063

ARTICLE	DESCRIPTION
030E.0048	"Power" capstan system for ECO.30 machine
020.0330	"Power" capstan system for ECO.32 - ECO.50 machines
020.0336	"Power" capstan system for ECO.80 - ECO.130 machines
020.0063	Capstan system with wrench mechanism for ECO.32 - ECO.50 machines
020.0064	Capstan system with wrench mechanism for ECO.80 - ECO.130 machines

# ACCESSORIES

## PIPE CLAMP SADDLE SYSTEM

The Euroboor PAK (Pipe Adaptor Kit) system enables you to work on pipes starting from  $\varnothing$  80 mm and up. The PAK system guarantees stable clamping. The chain makes it possible to attach the saddle to the pipe quickly and easily. Available in two versions.

ARTICLE	$\varnothing$	DESCRIPTION
PAK.100	80 - 250 mm	Pipe clamp saddle system for max. magnet 175 x 85 mm
PAK.200	50 - 500 mm	Pipe clamp saddle system for max. magnet 230 x 110 mm
PAK.020	at request, available per meter.	Chain for increasing diameter capacity.



# ACCESSORIES

## MOBILE VACUUM CLAMP SYSTEMS

The (VAK) Vacuum Adaptor Kit clamping system is essential when using magnetic drilling machines on non-magnetic materials such as stainless steel, aluminium and even (non-porous) plastics and other materials.

ARTICLE	DESCRIPTION
VAC.810	Vacuum plate $\varnothing$ 300 mm, including motorised pump
VAC.820	Vacuum plate oval (clamp system with 2 suction pads), including motorised pump





KSP.Q



020.0145



KSP.500



An excellent coolant system is necessary for extending standing time and lifespan of the hole cutter. Ergonomic containers, mounted or dismantled in a single operation automatically manage the flow of coolants. When working with a water-cooled system, e.g. in rails, use the 5L pressure tank.

ARTICLE	DESCRIPTION
KSP.Q	Cooling system (new model) with quick connect
020.0145	Cooling nipple for KSP.Q suitable voor ECO.32, ECO.32-T, ECO.40/2 and IBM.30/2
KSP.500	Pressure coolant tank



# ACCESSORIES CUTTING PASTE; DRILLING-, TAPPING- AND CUTTING OIL



Euroboor IBP paste has a strong adhesive strength for materials and tools.

## IBP.50/2

- Ideal for working horizontally or upside down.
- Less grease residue (an advantage when coating/painting).
- Heavy-duty version is especially suited to high-quality steel alloys: Stainless steel, Hardox and train rails, for example.
- Easy to dilute with normal cutting oil (increases machining force).

Paste suitable for all machining, clearing, calibrating, threading and punching work. Especially suited to types of steel that are difficult to machine.



Super-active drilling, tapping and cutting oil for difficult work.

## IBO-P.911

- Lubricates and cools effectively.
- Increases the lifespan of drills and drill heads, even at high speeds.
- Highly suitable as drilling and tapping lubricant for average to difficult work.
- Increases efficiency.
- Ideal for general metal working.

See pricelist for packaging units.

*Euroboor supplies the best coolants, lubricants and cutting agents, especially developed for the machining industry. Cooperating with one of the world's best known oil-producers, we've developed a series of high-profile drilling, tapping and cutting oils. Therefore thousands of professionals in the metal industry choose Euroboor oil products above others. Our drilling, tapping and cutting oils are even exported to the Middle-East! A significant fact. Choosing the right cutting oil is imperative for the standing time of your tools. The choice is simple: Euroboor coolants, lubricants and cutting agents.*

### IBO.10

*Chlorine-free, universal, non-active cutting oil of average viscosity, minimal mist formation, high cutting power and increasing the lifespan of your tool; recommended cutting oil for all alloyed steel types.*

*Kin. viscosity D 445, 40°C, mm<sup>2</sup>/s 27,7.*



### IBO.20

*Chlorine-free, active cutting oil of average viscosity, allowing high cutting speeds, minimum mist formation, and increasing the lifespan of your tool; recommended cutting oil for high steel content alloys such as stainless steel and chromium/nickel; this oil is not suitable for non-ferrous metals.*

*Kin. viscosity D 445, 40°C, mm<sup>2</sup>/s 28,2.*



### IBO.50

*Pure paraffin-based mineral oil without harmful additives, the recommended cutting oil for working all non-ferrous metals such as aluminium, copper and zinc.*

*Kin. viscosity D 445, 40°C, mm<sup>2</sup>/s 12,2.*



### MV 4

*Water-soluble synthetic cooling lubricant, particularly suitable for automatic dosing systems, no harmful mist formation, low consumption and economical in use, average mixture ratio with water 1:20.*





CAS 100/2



CAS 100/5



CAS 100/6



CAS 200



CAS 200/2



CAS 200/3

The storage and transport cases are indispensable when you want to store your machine and its accessories neatly. The cases are made of robust material and keep your equipment protected.

ARTIKEL	OMSCHRIJVING
CAS.100/2	Plastic case for ECO.32 - ECO.50 machines
CAS.100/5	Metal case for ECO.30 machine
CAS.100/6	Metal case for ECO.50 auto machine
CAS.200	Metal case for ECO.80 & ECO.100 machines
CAS.200/2	Metal case for AIR.52 machine
CAS.200/3	Metal case for LKF.200 machine



Watch the demonstration films on [www.euroboor.com](http://www.euroboor.com)

The Magic-Stick is a handy magnetic tool for cleaning your workspace. Also works in fluids.

The Magic-Stick works very simple:

- 1 All chips are attracted by the Magic-Stick
- 2 Bring the Magic-Stick with the chips to the chips tray
- 3 With a single sliding move the chips fall off instantly

ARTICLE	DESCRIPTION
Magic-Stick	Magnetic stick for disposing of metal chips





## ACCESSOIRES

## MEASURING TOOLS

ARTICLE	DESCRIPTION
PRM 02	Measuring tape, 5m, steel plated, yellow coated steel blade, wristband and belt clip.
EDS 100	Digital caliper manufactured from tempered steel with satin finished scales for a longer lifespan. Dual reading in imperial and metric. Highly recommended for use with materials which have wearing out influence on the caliper, such as cast iron. The upper scales are made of tempered steel as well. Reading 0,01mm/0,0005". Zero-point setting in every position. Fine screw adjustment. Automatic energy saving shut-down. Four-way measurement facility enables reading in external, internal, depth and step modes. Strong plastic case housing.



PRM 02



EDS 100

## ACCESSORIES

## PROTECTION

ARTICLE	DESCRIPTION
SAF.100	Safety spectacles, polycarbonate screen, transparent, protects the eyes from flying parts. Certified to NEN-EN166.
SAF.200	Earplugs with band, noise reduction 16 dB. CE certified EN352-2.
SAF.300	Protective leather gloves ,lined with 7cm hood. norm EN 388. These gloves provide protection from small risks only.
030E.0121	Chip cover, prevents chips from flying around, easy to install.
035.0486	Chip cover, prevents chips from flying around, easy to install.



030E.0121



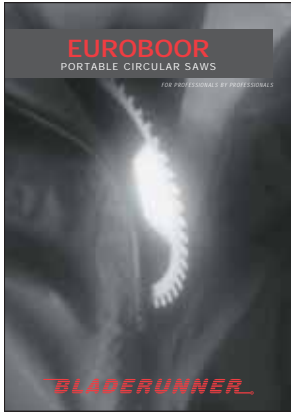
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SAF.200  
SAF.300



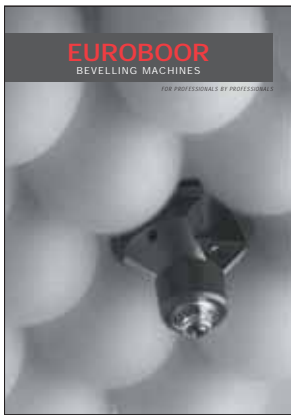
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## Why you should choose for Euroboor tools:

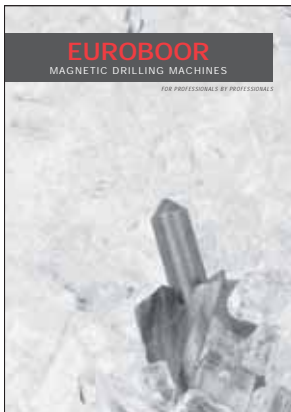
Our other brochures:



Portable circular saws



Beveling machines



Magnetic drilling machines

*First class tool quality*

*Tools always in stock*

*Most comprehensive range*

*Prompt delivery within 24 hours*

*Introductions to new innovations*

*Special offers*

*Our very friendly service*

*Clear information and advice*

*Special drilling machine accessory range*

*We fulfil our promises*

*Local and international dealer network*

*Custom-made tools available*

*More than thirty years' experience in machining*

*Ongoing product development*

*Clear brochures*

*Machine hire division*

*Own technical division*



Watch the demonstration films on:

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

YOUR DEALER

