

# EUROBOOR

FOR PROFESSIONALS BY PROFESSIONALS



CATALOG



FOR PROFESSIONALS BY PROFESSIONALS

Yvestos Welding Services - The Netherlands

Project: Railway track repair work - Rotterdam Central Station August 2011

## MORE THAN 35 YEARS OF INNOVATION



Time flies. More than 35 years ago we were the first company to put the magnetic drilling system on the market. Back then we sold this as a distributor on behalf of the Dutch market.

I joined the family business in 1982 which at the time had no more than four employees. Through the years we always wanted to do things better. "Listen properly to customers' wishes and make sure you live up to expectations" ... that's what my father

used to tell me time and again. His advice continues to be one of the strong pillars this company's success is based on. We consider customers to be our partners as well given the fact that our best product developments are in line with their requirements. The added value is that we are perfectly familiar with both our products and the customer's individual situation which means we will always come up with the best solution.

Thanks to this mentality today Euroboor has become a manufacturer specialized in portable industrial metal cutting tools.

Albert Kuster  
Managing Director

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# For Professionals by Professionals

Euroboor, a family business specialized in Industrial Portable Tools, was founded in 1977 as a sole proprietorship. Today the company is proud of its 110 employees and is actively involved in 58 countries.



At the Euroboor Company we are constantly upgrading our technology to provide our customers with leading edge products that perform. Not only do we provide our customers with top quality machining and tooling, we know that to keep them coming back to the Euroboor Company we must provide superior customer care and top quality performance.

Through our 35 years of experience, we have recognized that providing superior service does not end with a quality product - it takes products, service, and performance. We pride ourselves on being a value-added operation, offering you service from beginning to end and everywhere in between.

## Products

Euroboor presents the best of the best in this industry. We produce and supply our customers with products they can count on and quality they expect to receive. At present Euroboor products are represented and available in more than 70 countries worldwide.

Euroboor's product selection includes Magnetic Drilling machines, Annular Cutters, Beveling machines, Sewing machines and many accessories. For each single product the emphasis is on safety, diversity and quality. We provide an extensive package of expert products.

## Quality guaranteed

At each production phase all Euroboor tools are

subjected to the strictest quality checks. Quality inspectors study each component with the utmost care to guarantee nothing but the best quality.

Once all tested products have been packaged, they are stored in the factory warehouses. Subsequently machines are randomly taken away from stock, dismantled entirely at the test centre, accurately re-measured and checked. When everything is seen to be in perfect order the products may leave the factory.

## Service and support

Not only does Euroboor provide top quality equipment, we bring you uncompromised service as well. Our knowledgeable sales staff is on call 24 hours a day to answer your questions or provide on-site service. We ensure our customers they can depend upon our support. Moreover we can communicate in more than 10 languages: Dutch, English, German, French, Italian, Russian, Chinese, Urdu, Punjabi and Arabic language.

Euroboor dedicates careful attention to informing the distribution partners. By offering intensive support to our dealers/wholesalers we help them choose the right products.

Also, we are happy to provide practical and technical information. But we have much more to offer. We are perfectly aware of the fact that customers prefer smaller stocks more often. So we ensure prompt and frequent delivery.

\* KERNSCHMIDTMACHINES

# EUROBOOR CATALOG

\* LASERKANTFREESMACHINES

## EUROBOOR

FOR PROFESSIONALS BY PROFESSIONALS

INDUSTRIEL PORTABLE GEREEDSCHAP



**Intertek**

In order to gain faster, more efficient entry to any market in the world, all Euroboor's Magnetic Drilling Machines are thoroughly tested by Intertek, an internationally well-known company who offers efficient product testing, inspection and certification solutions.

For North America and Canada we have the UL Listed Mark, a proof that the Euroboor's products have been independently tested and meet the applicable published safety standard. For Europe we have the CE Mark and for Australia we have the ANZ Mark.

**Technical Service Department**

One of Euroboor's unique selling points is our 'in house' Technical Service Department. Our dedicated engineers are mainly responsible for maintenance and repair of Magnetic Drilling Machines. But also, product development and testing new machines is a key activity.

**Service vehicles**

Euroboor's service vehicles provide yet another special service. Should dealers be unable to answer customers' questions, they may call us.

The GPS Vehicle Tracking System service means vehicles can be traced to make sure they reach clients promptly. All drivers are experienced engineers with expert knowledge. Inside the vehicles all common parts are kept in stock. This service means great advantages for all parties involved.

**Euroboor and exhibitions**

Since its foundation Euroboor has been attending exhibitions. At first this was only focused on the Dutch Market, but since 2009 we have exhibited at international fairs like the International Hardware Fair in Cologne and the FIMO in Hanover (both in Germany).

In the near future we will also be going fairs in Eastern Europe, North and South America and Asia. Our website will be providing detailed information on a regular basis.

**Vertical Information Portal**

The Euroboor's Vertical Information Portal, [www.euroboor.com](http://www.euroboor.com) will contain information in many languages about magnetic drilling technology, tools and accessories for the Metal Cutting Industry.

Besides this we will provide news, editorial content, digital publications and e-commerce capabilities. In the near future we will also provide dynamic multi-media applications including social networking, video posting and blogging.



# EUROBOOR CATALOG



# MAGNETIC DRILLING MACHINES

## Safety

All Euroboor electrical tools are designed for the world market. Obviously all user safety regulations have been met.

There are general regulations which apply within Europe through various countries, have their own interpretations. Euroboor has taken all of these requirements into account and therefore puts nothing but the safest products into the market.

## Quality control

All Euroboor electrical tools are meticulously tested and checked a number of times. In the unlikely event of defects or malfunctions, Euroboor will repair any defect or malfunction provided the warranty conditions are met. In principle, no warranty applies to machinery which is hired. If the user dismantles the machine, the warranty is void.

## Warranty

Without exception, all Euroboor magnetic drilling machines are subjected to the strictest quality checks at every stage. Quality inspectors examine every part with great care and accuracy, in order to guarantee top-quality products.

## Complete delivery

The FCO.32, FCO.32-T, FCO.40/2, FCO.60 and ECC.60-T are supplied in a professional plastic carrying case.

The FCO.80/4 and the FCO.120/4 (D) are packaged in a handy trolley with two wheels and a telescopic trolley handle.



# EBM.360

THE EBM.360 - CORDLESS FOR OPTIMUM PERFORMANCE

THE NEW STANDARD AMONG BATTERY-POWERED MAGNETIC DRILLING MACHINES



EBM.360

► TECHNICAL DATA

ANNEALED HOLE D.	Ø 12 - Ø 32 mm
MAG. BASE	Ø 110 mm
MAXIM. V. DRILL DEPTH	65 mm
LENGTH	237 mm
WID. H.	112 mm
HEIGHT	420 x 310 mm
GROSS	2100 mm
WEIG. DRILL BATTERY	~5 kg
MAGNETIC FIELD	100 x 90 x 32 mm
MAGNETIC FORCE	1000 kg
BAL. / W. 120 VOLTS	47 W / 8 ohm
CHARGING TIME	90 minutes
SPEED (NO. LOAD)	500 RPM
SPEED (LOAD)	375 RPM
SHANK	13.0 MM HEXAGON
BAL. CHARGER	10 - 120V AC/50-60 Hz 120 - 240V AC/50-60 Hz



Are you looking for a battery powered magnetic drilling machine? There is only one real choice. No battery powered magnetic drilling machine in the world is as smart as the EBM.360. The machine combines safety, freedom of movement and power into a single fantastic package.



## MAIN FEATURES

### ► TECHNICAL DATA

#### • HIGH VACUUM CHUCK

• MAX. VACUUM 100% / 1000 mbar / 0.1 bar

• BATTERY CHARGER ALL IN ONE

• 0-100% in 20 minutes

• 30-100% in 70 minutes

• HIGH VACUUM HIGH CHUCK STATUS DUE TO THERM

• 200°C max. - 500°C min.

• INTEGRATED COOLING FAN

• CONTACTS PROTECTED SLIDING SYSTEM

• COMES IN A HEAVY CARRY CASE

## STANDARD EQUIPMENT

ARTICLE CODE	DESCRIPTION	PAGE
360.0002	37 V / 7,6 Ah Battery pack	
360.0500	Battery charger	
KSP.0	Lubrication system (new model) w/ Quick Connect hose	60

## ADDITIONAL PRODUCTS AVAILABLE

ARTICLE CODE	DESCRIPTION	PAGE
IBK.13	Drill chuck ø 1,5 - 13 mm, 1/8" x 20 UNF (inner)	52
IBK.130	Keyless drill chuck ø 1,5 - 13 mm, 1/8" x 20 UNF (inner)	52
IBK.14	Adapter 18.05 mm (3/4") Weldon (outer) - 1/8" x 20 UNF (outer)	53
IBK.15	Adapter (length: 65 mm) 1/8" x 20 UNF (inner) - 1/2" x 20 UNF (outer)	54
IBQ.13	Drill chuck Quick Change ø 1,5 - 13 mm w/ 1/8" x 20 UNF (inner)	52
HCS.KIT	HSS Annular cutter set - 19.05 mm Weldon shank, Doc 30 mm 6 piece set including 1 slot pin, sizes 2x ø 14   2x ø 18   2x ø 22 mm	42
HCS.KIT/10	HSS Annular Cutter set - 19.05 mm Weldon shank, Doc 30 mm 10 piece set including 1 slot pin, sizes: ø 12   ø 14   ø 16   ø 18   ø 20   ø 22   ø 24   ø 26   ø 28   ø 30 mm	42
SSPL.06-14	HSS twist drill set with 18.05 mm Weldon connection Ø - 14 mm x 30/50 mm (Increasing by 1 mm increments)	44
SPI.06.14		
TDS.100	HSS Co (M25) 10 piece Twist drill set (increasing by 0.5 mm increments)	46



### GRIP

- Keeps the machine balanced when being moved
- Solid



### FEED HANDLES

- High positioning for optimum operation and maximum stroke
- Depth indicator



### SPINDLE AND SUPPORT BRACKET

- Solid spindle
- Soft lubricating bearing bush
- Integrated cooling ring
- Universal Weldon adapter:  
Core drilling: ø 12 - 38 mm  
Twist drilling: ø 1 - 13 mm



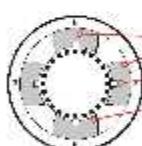
### PANEL

- Clear and simple control panel
- Easy to operate
- Acoustic and visual safety signals
- Multiple our LEDs (white button)



### MOTOR

- Powerful 4-pole motor
- Low noise
- Slow start function
- High torque
- Temperature protection



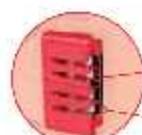
### ELECTROMAGNET

- Integrated magnet sensor
- Magnetic force: 1700 kg / 3750 lbs
- Special dual coil wrap technology
- Compact dimensions: 160 x 80 x 42 mm



### BATTERY

- Lithium ion
- 37 V / 7,6 Ah
- LED capacity indicator
- Protection: prevents charge from falling below certain level
- Euroboor coating for improved grip
- Easy to replace



# ECO.32

MAGNETIC DRILLING MACHINE UP TO Ø 32 MM



**DOVETAIL SLIDE**  
New dovetail slide  
slide: provides more  
facility during drilling.



**GRIP**  
The renewed ergonomical  
grip makes the machine  
easy to handle.



The ECO.32 has been the best-selling magnetic drilling machine in the recent years. The sufficient basic model has been provided with an eager single speed 1000 W motor. At no more than 12 kg the ECO.32 is the lightest and most compact magnetic drilling machine in the ECO series.



210 mm

320 mm

1250 mm

## L00.02

## ► EQUIPMENT &amp; ACCESSORIES

WORKPIECE	Ø 12 - 32 mm
WASH. BLD. S.	Ø 1 - 13 mm
SWELL	320 mm
MOTOR	210 mm
RECHARGE	370 - 382 mm
SHAKE	50 mm
WEIGHT	5 kg
MAGNETIC FIELD	60 x 80 x 42 mm
MAGNETIC FORCE	100 kg
MOTOR POWER	0.05 kW
TO A. POWER	1.500 W
SYN. C. SPEED	775 min⁻¹
SPIKE DIA. Ø 60-60	400 mm
SPHOLE	10-05 mm (3/8") Weldon
WORKTABLE	110 - 120x70 / 100-60 Hz 220 - 240V AC / 50-60 Hz

## ► STANDARD KITS

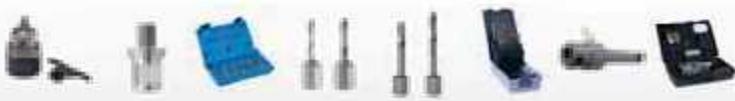
L00.02

## ► ACCESSORIES

PAGE 48 - 62

## STANDARD KIT L00.02

ARTICLE CODE	DESCRIPTION	PAGE
KSFQ	Lubrication system (new model) with Quick Connect hose	50
020.0145	Lubrication ring Quick Connect for KSFQ	50
<b>OPTIONAL ACCESSORIES</b>		
IBK.13	Drill chuck ø 1,5 - 13 mm; $\frac{1}{8}$ " x 20 UNF (inner)	52
IBK.130	Keyless drill chuck ø 1,5 - 13 mm; $\frac{1}{8}$ " x 20 UNF (inner)	52
IBK.14	Adapter 10.05 mm (3/8") Weldon (outer) - $\frac{1}{8}$ " x 20 UNF (outer)	53
IBK.15	Adapter (length: 65 mm) $\frac{1}{8}$ " x 20 UNF (inner) - $\frac{1}{8}$ " x 20 UNF (outer)	51
IBQ.13	Drill chuck Quick Change ø 1,5 - 13 mm with $\frac{1}{8}$ " x 20 UNF (inner)	52
320.01160	Spindle $\frac{1}{8}$ " x 20 UNF - 18.05 mm (3/8") Weldon Quick Connect	50
HCS.KIT	HSS Annular cutter set - 19.05 mm Weldon shank, DoC 30 mm 6 pieces set including 1 pilot pin, sizes 2x ø 14 - 2x ø 18 - 2x ø 22 mm	42
HCS.KIT/10	HSS Annular Cutter set - 19.05 mm Weldon shank, DoC 30 mm 10-piece set including 1 pilot pin, sizes: ø 12 - ø 14 - ø 16 - ø 18 - ø 20 - ø 22 - ø 24 - ø 26 - ø 28 - ø 30 mm	42
SSPL.06-14	HSS twist drills with 19.05 mm Weldon shank - ø 6 - 14 mm x 50 mm (Increasing by 1 mm increments)	44
SPI.06.14	HSS Twist drills with 19.05 mm Weldon shank - ø 6 - 14 mm x 55 mm (Increasing by 1 mm increments)	44
TDS.100	HSSE-Co (M35) 19-piece twist drill set (increasing by 0.5 mm increments)	46
TDS.200	HSSE-Co (M35) 25-piece twist drill set (increasing by 0.5 mm increments)	46



# ECO.32-T

MAGNETIC DRILLING MACHINE UP TO Ø 32 MM / THREADING UP TO M12



**DOVETAIL SLIDE**  
New Euroslide dovetail slide provides more stability during drilling.



**GRIP**  
The modern ergonomical grip makes the machine easy to handle.



Need to drill and tap a M12 hole at a 13 meter height? Surely you could use some help. The ECO.32-T was designed to complete your tailor-made work. Improved operation and ergonomics will keep you mobile, which is perfect for construction work on site or at the workshop.



## E20.027-1

## ► TECHNICAL SPECIFICATIONS

WORKPIECE DIAMETER	Ø 12 - 32 mm
WORK THICKNESS	≤ 1 - 13 mm
COUNTERBINKING	Ø 10 - 25 mm
THREADING	M3 - M2
LENG.	320 mm
WEIGHT	2100 mm
COOLANT	Ø 3 - 52 mm
STROKE	150 mm
WEIGHT	20 kg
MAX. DRILLING HOLE	Ø 3 x 30 x 30 mm
MAX. COOLANT	500 kg
SPINDLE/TOWER	1000 W
TOTAL POWER	1050 W
SPEED (no load)	100 - 600 rpm
SPINDLE LOAD (1000 W)	220 N/mm
SHANK	9.05 mm (3/8") Weldon
POWER	100 - 200 W/230/50/60 Hz
	220 - 240 VAC/50/60 Hz

## ► ACCESSORIES

ECC.02-7

## ► ACCESSORIES

PAUL 40 - 60



## STANDARD EQUIPMENT

ARTICLE CODE	DESCRIPTION	PAGE
KSP.0	Lubrication system (new model) with Quick Connect hose	50
020.0145	Lubrication ring Quick Connect for KSP.0	50
TCN.8.12	Tap holders M8 - M12	63

## ADDITIONAL PRODUCTS AVAILABLE

ARTICLE CODE	DESCRIPTION	PAGE
IBK.13	Drill chuck Ø 1,5 - 13 mm; ½" x 20 UNF (inner)	52
IBK.130	Keyless drill chuck Ø 1,5 - 13 mm; ½" x 20 UNF (inner)	52
IBK.14	Adapter 18.05 mm (¾") Weldon (outer) - ½" x 20 UNF (outer)	53
IBK.15	Adapter (length: 65 mm) ½" x 20 UNF (inner) - ½" x 20 UNF (outer)	51
IBQ.13	Drill chuck Quick Change Ø 1,5 - 13 mm with ½" x 20 UNF (inner)	52
020.01160	Spindle 15° x 20 LNF - 18.05 mm (¾") Weldon Quick Connect	50
HCS.KIT	HSS Annular cutter set - 19.05 mm Weldon shank, Doc 30 mm 6-piece set including 1 slot pin, sizes 2x Ø 14 - 2x Ø 18 - 2x Ø 22 mm	42
HCS.KIT/10	HSS Annular Cutter set - 19.05 mm Weldon shank, Doc 30 mm 10-piece set including 1 slot pin, sizes: Ø 12 - Ø 14 - Ø 16 - Ø 18 - Ø 20 - Ø 22 - Ø 24 - Ø 26 - Ø 28 - Ø 30 mm	42
SSPL.06.14	HSS Twist drills with 19.05 mm Weldon shank - Ø 6 - 14 mm x 6 mm (increasing by 1 mm increments)	44
SPI.06-14	HSS Twist drills with 19.05 mm Weldon shank - Ø 6 - 14 mm x 6 mm (increasing by 1 mm increments)	44
TDS.100	HSSE-Co (M35) 19-piece twist drill set (increasing by 0.5 mm increments)	46
TDS.200	HSSE-Co (M35) 25 piece Twist drill set (increasing by 0.5 mm increments)	46
Taps	Machine taps M3 - M2	60



# ECO.40/2

MAGNETIC DRILLING MACHINE UP TO Ø 40 MM



**DOVETAIL SLIDE**  
New Eurobox dovetail slide provides more stability during drilling.



**GRIP**  
The renewed ergonomical grip makes the machine easy to handle.



With a great touch of overcapacity, working is even more fun. The ECO.40/2 magnetic drilling machine has a 1050 W motor and can be mechanically adjusted to two rotational speeds. This makes it the perfect machine for drilling with annular cutters (low gear) as well as cutting with twist drills (high gear).



000.402.9

## ► TECHNICAL DATA (100%)

Ø HOLE Ø 100	Ø 12 - 10 mm
Ø HOLE Ø 80	Ø 10 - 8 mm
LNEF	320 mm
WDT	210 mm
RECHT	320 - 340 mm
SHDFT	60 mm
WDLDT	5 kg
MAGNET Ø x W x H	60 x 80 x 42 mm
MAGNETIC FORCE	600 kg
MOTOR POWER	600 W
IDLE POWER	100 W
SYN	0.720 mm <sup>2</sup>
SPEED (max) 100 W	0.313 mm <sup>2</sup>
SYN	1000 rpm
HANDLE	9.05 mm (3/8") Weldon
POWER	100 - 200 VAC / 50-60 Hz
	220 - 240 VAC / 50-60 Hz

## ► ACCESSORIES

ECO/0/2

## ► ACCESSORIES

PAUL 40 - 60

## STANDARD DELIVERY

ART. NO.	DESCRIPTION	PCN
KSP.0	Lubrication system (new model) with Quick Connect hose	50
020.0145	Lubrication ring Quick Connect for KSP.0	50

## ADDITIONAL ACCESSORIES AND F.

ART. NO.	DESCRIPTION	PCN
IBK.120	Drill chuck ø 1,5 - 13 mm, 1/2" x 20 UNF (inner)	52
IBK.130	Keyless drill chuck ø 1,5 - 13 mm, 1/2" x 20 UNF (inner)	52
IBK.14	Adapter 19,05 mm (3/4") Weldon (outer) - 1/2" x 20 UNF (outer)	53
IBK.15	Adapter (engr. 19,05 mm) 1/2" x 20 UNF (inner) - 19,05 mm (3/4") Weldon (outer)	51
IBQ.13	Drill chuck Chuck Change ø 1,5 - 13 mm with 1/2" x 20 UNF (inner)	52
320.01160	Screw ø 18 x 20 UNF - 19,05 mm (3/4") Weldon Chuck Connect	50
HCS.KIT	HSS Annular cutter set - 19,05 mm Weldon shank, Doc 30 mm 6-piece set including 1 pilot pin, sizes 2x ø 14   2x ø 18   2x ø 22 mm	42
HCS.KIT/10	HSS Annular Cutter set - 19,05 mm Weldon shank, Doc 30 mm 10 piece set including 1 pilot pin, sizes: ø 12   ø 1/2   ø 16   ø 18   ø 20   ø 22   ø 24   ø 26   ø 28   ø 30 mm	42
SSPL.06-14	HSS Twist drills with 19,05 mm Weldon shank   ø 6 - 14 mm x 30 mm (Increasing by 1 mm increments)	44
SPL.06-14	HSS Twist drills with 19,05 mm Weldon shank   ø 6 - 14 mm x 50 mm (Increasing by 1 mm increments)	44
TDS.100	HSS-Co (N35) 10-piece Twist drill set (increasing by 0,5 mm increments)	46
TDS.200	HSS-Co (N35) 25-piece Twist drill set (increasing by 0,5 mm increments)	46



# ECO.50

MAGNETIC DRILLING MACHINE UP TO Ø 50 MM



**DOVETAIL SLIDE**  
New Furukawa dovetail slide provides more stability during drilling.



**GRIP**  
The renewed ergonomical grip makes the machine easy to handle.



If you wish to use maximum power without having to sacrifice mobility, the ECO.50 with Morse Taper 2 connection is definitely what you need. For years the ECO.50 has been the "benchmark" machine among users. At 15% extra capacity the ECO.50 outdistances competitors.



650 mm

650 mm

## ECO.50

## ► TECHNICAL DATA (100%)

WORKPIECE	Ø 12 - 50 mm
WIND UP	Ø 1 - 25 mm
SWING	320 mm
WDT	210 mm
RECHARGE	380 - 500 mm
SHDFT	40 rpm
WDTH	3.5 kg
MAGNETIC FIELD	70x25x40 mm
MAGNETIC FORCE	1600 kg
MOTOR POWER	1200 W
TO A. POWER	160 V
SYN. SPEED (min)	30000 min
	30000 min
SPEED (max) (100%)	30000 min
	30000 min
SWINDE	M12 - 19,05 mm (2") Weldon
POWER	100 - 200 W/270-600 V
	220 - 240VAC/50-60 Hz

## ► ACCESSORIES

## ECO.50

## ► ACCESSORIES

## PAUL 40 - 60

## STANDARD EQUIPMENT

ARTICLE NO.	DESCRIPTION	PAGE
KSP.0	Lubrication system (new model) with Quick Connect hose	53
MC.20	Morse Taper 2 - 19,05 mm (2") Weldon including lubrication ring (KSP.0)	53

## ADDITIONAL ACCESSORIES (AII)

ARTICLE NO.	DESCRIPTION	PAGE
EK.16	Drill chuck Ø 1,5 - 10 mm with B16 spindle connection	52
BQ.13	Drill chuck Quick Change Ø 1,5 - 13 mm with 1/8" x 20 UNF (inner)	52
BQ.16	Drill chuck Quick Change Ø 1,5 - 16 mm with B16 spindle connection	52
B16-MC2	Morse Taper 2 - B16 spindle connection	52
B18-MC2	Morse Taper 2 - B18 spindle connection	52
1/2UNF-MC2	Morse Taper 2- Adapter 1/2" x 20 UNF	52
MC.3.20	Morse Taper 2 - 19,05 mm Quick Connect, suitable for lubrication system	53
KSP.0 - annular cutters max. ø 26 mm		
HCS.KIT	HSS Annular cutter set - 19,05 mm Weldon shank, DoC 30 mm 6-piece set including 1 p. c. pin, sizes 2x ø 14   2x ø 18   2x ø 22 mm	42
HCS.KIT/10	HSS Annular Cutter set - 19,05 mm Weldon shank, DoC 30 mm 10-piece set including 1 p. c. pin, sizes: ø 12   ø 14   ø 16   ø 18   ø 20   ø 22   ø 24   ø 26   ø 28   ø 30 mm	42
SSPL.06-14	HSS Twist drills with 19,05 mm Weldon shank - ø 6 - 14 mm x 30 mm (Increasing by 1 mm increments)	44
SPL.06-14	HSS Twist drills with 19,05 mm Weldon shank - ø 6 - 14 mm x 55 mm (Increasing by 1 mm increments)	44
TDS.100	HSS Co (M35) 19 piece Twist drill set (increasing by 0,5 mm increments)	46
TDS.200	HSS Co (M35) 25 piece Twist drill set (increasing by 0,5 mm increments)	46



# ECO.50-T

MAGNETIC DRILLING MACHINE UP TO Ø 50 MM / THREADING MACHINE UP TO M20



**DOVETAIL SLIDE**  
New Euroboor dovetail slide provides more stability during drilling.



**GRIP**  
The renewed ergonomical grip makes the machine easy to handle.



The ECO.50-T magnetic drilling/threading machine is most remarkable in the Euroboor program. This versatile all-rounder is lubricated using nanotechnology. This evidently helps to extend the life of the mechanical parts.



CONTENTS

► TECHNICAL SPECIFICATIONS

BARREL DIA.: Ø 35	Ø 12 - 50 mm
WASH. BAR.: Ø 1	Ø 1 - 25 mm
COUNTERBINKING	Ø 10 - 40 mm
TAFF. Ø	M3 - N20
LENG. +	320 mm
WIDTH	210 mm
L. CH.	385 - 550 mm
STROKE	70 mm
WEIGHT	34 kg
MAX. DRILLING HOLE	Ø 35,00 x 40 mm
MAX. CUTTING	60,00 kg
MIN. CUTTING	12,00 kg
TOTAL POWER	1375 W
SPEED (no load)	0,100 - 260 min <sup>-1</sup>
	0,160 - 320 min <sup>-1</sup>
STRENGTH (200 W)	0,250 min <sup>-1</sup>
	0,480 min <sup>-1</sup>
SPINDLE	MT2 - 19,05 mm (37°) Weldon
AVAILABLE	110 - 220 VAC / 50/60 Hz
	220 - 240 VAC / 50/60 Hz

► ACCESSORIES

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► ACCESSORIES

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STANDARD EQUIPMENT

CODE/NAME	DESCRIPTION	PAGE
KSP.0	Lubrication system (new model) with Quick Connect hose	50
IMC.20	Morse Taper 2 - 19,05 mm (37°) Weldon including lubrication ring (KSP.0)	50
TCM.10.20	Tap sockets M10-M20	63

ADDITIONAL ACCESSORIES AVAILABLE

CODE/NAME	DESCRIPTION	PAGE
IBR.18	Drill chuck ø 1,5 - 16 mm with 316 spindle connection	52
IBO.13	Drill chuck Quick Change ø 1,5 - 13 mm with J9 x 20 UNF (inner)	52
IBO.16	Drill chuck Quick Change ø 1,5 - 16 mm with B16 spindle connection	52
B16-MC2	Morse Taper 2 - B16 spindle connection	52
B16-NC2	Morse Taper 2 - B18 spindle connection	52
1/2..NF-MC2	Morse Taper 2 - Acipiter 1/2" x 20 UNF	52
MCQ.20	Morse Taper 2 - 19,05 mm Quick Connect, suitable for lubrication system KSP.0 - annular cutters max. ø 26 mm	50
HCS.KIT	HSS Annular cutter set - 19,05 mm Weldon shank, Doc 30 mm 6-piece set including 1 pilot pin, sizes 2x ø 14 - 2x ø 16 - 2x ø 22 mm	42
HCS.KH.10	HSS Annular Cutter set - 19,05 mm Weldon shank, Doc 30 mm 10 piece set including 1 pilot pin, sizes: ø 12 - ø 14 - ø 16 - ø 18 - ø 20 - ø 22 - ø 24 - ø 26 - ø 28 - ø 30 mm	42
SSPI.06-14	HSS Twist drills with 19,05 mm Weldon shank - ø 6 - 14 mm x 30 mm (Increasing by 1 mm increments)	44
SP.06-14	HSS twist drills with 19,05 mm Weldon shank - ø 6 - 14 mm x 55 mm (Increasing by 1 mm increments)	44
TDS.100	HSSE-Co (M25) 19-piece Twist drill set (increasing by 0,5 mm increments)	46
TDS.200	HSSE-Co (M25) 26-piece Twist drill set (increasing by 0,5 mm increments)	46
Taps	Machine taps M3 - N20	60



# ECO.80/4

MAGNETIC DRILLING MACHINE UP TO Ø 80 MM



The ECO.80/4 is a solid bruiser with Morse Taper 3 connection. Thanks to the 4-speed gear box this no-nonsense magnetic drilling machine is perfect for challenging twist drilling up to ø 31,75mm.



## ECO.BOR4

## ► EQUIPMENT FOR DRILLING

WORKPIECE DIA.	Ø 12 - 30 mm
WORKPIECE HGT.	Ø 1 - 20,75 mm
STROKE	345 mm
MOTOR	310 W
DEPTH	0 to + 10 mm
SHAKE	250 mm
WEIGHT	28 kg
MAGNETIC FIELD	220 x 12 x 64 mm
MAGNETIC FORCE	3000 kg
MOTOR POWER	1700 W
TO A. POWER	1600 W
SYNCHRONOUS	3620 rpm
	3000 rpm
	1,450 rpm
	300 rpm
SPEED (max) / min <sup>-1</sup>	30100 rpm <sup>-1</sup>
	30200 rpm <sup>-1</sup>
	30275 rpm <sup>-1</sup>
	30400 rpm <sup>-1</sup>
SHRINK	Ø 13 - 19,05 mm (S*) Weldon
WIRING	110 - 120 V AC / 50-60 Hz
	220 - 240 V AC / 50-60 Hz

## ► ECO.BOR4

ECO.BOR4

## ► ACCESSORIES

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## STANDARD EQUIPMENT

ARTICLE CODE	DESCRIPTION	PAGE
KSP.0	Lubrication system (new model) with Quick Connect hose	50
IMC.30/19-N	Morse Taper 3 - 19,05 mm Weldon connection s. table for lubrication system KSP.0	50
<b>OPTIONAL ACCESSORIES</b>		
I60.13	Drill chuck Quick Change Ø 1,5 - 13 mm with 3/8" x 20 JNF (inner)	52
I60.16	Drill chuck Quick Change Ø 1,5 - 16 mm with B16 spindle connection	52
B16-MC3	Morse Taper 3 - B16 spindle connection	52
B16-NC3	Morse Taper 3 - R10 spindle connection	52
MC3.30	Morse Taper 3 - 19,05 mm Quick Connect, suitable for lubrication system KSP.0 - annular cutters max. ø 20 mm	50
IMC.30/32-N	Morse Taper 3 - 31,75 mm Weldon suitable for lubrication system KSP.0 (for cutters ø 61 - 100mm)	50
HCS.KIT	HSS Annular cutter set - 19,05 mm Weldon shank, Doc 30 mm 6-piece set including 1 slot pin, sizes 2x ø 14 - 2x ø 18 - 2x ø 22 mm	42
HCS.KIT/10	HSS Annular Cutter set - 19,05 mm Weldon shank, Doc 30 mm 10-piece set including 1 slot pin, sizes: ø 12 - ø 14 - ø 16 - ø 18 - ø 20 - ø 22 - ø 24 - ø 26 - ø 28 - ø 30 mm	42
SSPL.06.14	HSS Twist drills with 19,05 mm Weldon shank (ø 6 - 14 mm x 30 mm) (Increasing by 1 mm increments)	44
SPL.08-14	HSS twist drills with 19,05 mm Weldon shank (ø 8 - 14 mm x 30 mm) (Increasing by 1 mm increments)	44
TDS.100	HSS Co (M25) 19 piece Twist drill set (increasing by 0,5 mm increments)	46
TDS.200	HSS Co (M25) 25 piece Twist drill set (increasing by 0,5 mm increments)	46



# ECO.100/4

MAGNETIC DRILLING MACHINE UP TO Ø 100 MM / THREADING M30



Our showpiece has been provided with every option you may think of: an unprecedentedly powerful motor, state-of-the-art electrically and mechanically adjustable torque and rotational speed settings. The ECO.100/4 not only has a new 4-speed gear box, the carry case too has been ergonomically improved and changed into a trolley.



## ECD.00024

## ► TECHNICAL DATA

WORKING CYCLE	3.0 - 120 mm
WORKING CYCLE	361 - 902 nm (M30P)
STROKE	31 - 31,75 mm
COUNTER-BINKING	8.10 - 50 mm
THREADING	M2 - M30
FACE	360 mm
WIND	912 mm
FEED	310 - 710 mm
STROKE	200 mm
WEIGHT	25 kg
MAXIMUM WORK	2200 x 1000 x 700 mm
MAX. CUTTING	3000 kg
MOTOR POWER	1000 W
TOTAL POWER	2050 W
SPINDLE SPEED	3072 - 11000 rpm
	1065 - 1900 rpm
	11 - 40 - 400 rpm
	90 - 220 - 350 rpm
SPEED (max) 1000 W	0.05 mm²
	0.002 mm²
	0.025 mm²
	0.048 mm²
SPINDLE	MT 3 - 19,05 mm (37°) Weldon
AVAILABLE	110 - 20 VAC / 60 Hz
	220 - 240 VAC / 50 Hz

## ► ORDER CODES

ECD.00024

## ► ACCESSORIES

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## STANDARD EQUIPMENT

ARTICLE CODE	DESCRIPTION	Page
KSPQ	Lubrication system (new model) with Quick Connect hose	50
IMC.30/19-N	Morse Taper 3 - 19,05 mm Weldon connection s. table for lubrication system KSPQ	50
<b>OPTIONAL EQUIPMENT</b>		
ISO-CHUCK	ISO-CHUCK	Pages
IBQ.13	Drill chuck Quick Change d 1,5 - 13 mm with 3/8" x 20 JNF (inner)	52
IBQ.16	Drill chuck Quick Change d 1,5 - 16 mm with B16 spindle connection	52
B16-NCO	Morse Taper 3 - B16 spindle connection	52
B18-NCO	Morse Taper 3 - R18 spindle connection	52
NCO.30	Morse Taper 3 - 19,05 mm Quick Connect, suitable for lubrication system KSPQ - annular cutters max. ø 20 mm	50
IMC.30/32-N	Morse Taper 3 - 31,75 mm Weldon suitable for lubrication system KSPQ (for cutters ø 81 - 100 mm)	50
HCS.KIT	HSS Annular cutter set - 19,05 mm Weldon shank, DoC 30 mm 6-piece set including 1 slot pin, sizes 2x ø 14 - 2x ø 18 - 2x ø 22 mm	42
HCS.KIT/10	HSS Annular Cutter set - 19,05 mm Weldon shank, DoC 30 mm 10-piece set including 1 slot pin, sizes: ø 12 - ø 14 - ø 16 - ø 18 - ø 20 - ø 22 - ø 24 - ø 26 - ø 28 - ø 30 mm	42
SSPL.06.14	HSS Twist drills with 19,05 mm Weldon shank ø 6 - 14 mm x 30 mm (Increasing by 1 mm increments)	44
S.1.08.14	HSS twist drills with 19,05 mm Weldon shank ø 8 - 14 mm x 30 mm (Increasing by 1 mm increments)	44
TDS.100	HSSC Co (M25) 19 piece Twist drill set (increasing by 0.5 mm increments)	46
TDS.200	HSSCT Co (M25) 25 piece Twist drill set (increasing by 0.5 mm increments)	46
Taps	Machine taps M3 - M30	60
GSW.5128	M1.2/3 Tapping chuck M8 - M12 reversible including rubber tap collets	62



# ECO.100/4 D

MAGNETIC DRILLING / THREADING MACHINE UP TO Ø 100 MM / M30 - SWIVEL BASE



rotate 30° both ways and  
slide 15-20 mm forward  
and backwards.



Next to the unprecedentedly powerful motor, state-of-the-art electrical and mechanically adjustable torque and speed settings, the new 4-speed gear box ECO.100/4 D has a swivel base.

This means that the magnet is able to rotate 30° both ways and slide 15 - 20 mm forward and backwards,



## ECD.10024-II

## ► TECHNICAL DATA (II)

WORKING SURFACE	310 - 120 mm
WORKING HEIGHT	161 - 902 mm (M35P)
WORKING AREA	31,31 x 75 mm
COUNTER-BINKING	810 - 50 mm
THREADING	M2 - M30
FEED	360 rpm
WIND	912 mm
STROKE	315 - 745 mm
STROKE	200 rpm
WEIGHT	28 kg
MAXIMUM WORK	2200 x 1000 x 700 mm
MAX. CUTTING	3000 kg
MOTOR POWER	1000 W
TOTAL POWER	2050 W
SPINDLE SPEED	0,012 - 1200 rpm 0,060 - 90 rpm 0,040 - 400 rpm 0,020 - 600 rpm
SPEED (max 1000 W)	0,030 rpm 0,0120 mm 0,0080 mm 0,00480 mm
SPINDLE	M72 - 16,05 mm DIN 297 German
AVAILABLE	110 - 120 VAC/50/60 Hz 220 - 240 VAC/50/60 Hz

## ► ACCESSORIES

ECD.10024-II

ACCESSORIES

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## STANDARD EQUIPMENT

ARTICLE CODE	DESCRIPTION	PAGE
KSPQ	Lubrication system (new model) with Quick Connect hose	50
IMC.30/16-N	Morse Taper 3 - 19,05 mm Weldon connection s. table for lubrication system KSPQ	50
<b>OPTIONAL EQUIPMENT</b>		
ISO-CHUCK	ISO-CHUCK	52
IBO.13	Drill chuck Quick Change d 1,5 - 13 mm with 3/8" x 20 JNF (inner)	52
IBO.16	Drill chuck Quick Change d 1,5 - 16 mm with B16 spindle connection	52
B16-NCO	Morse Taper 3 - B16 spindle connection	52
B18-NCO	Morse Taper 3 - R18 spindle connection	52
MCQ.30	Morse Taper 3 - 19,05 mm Quick Connect, suitable for lubrication system KSPQ - annular cutters max. ø 20 mm	50
IMC.30/32-N	Morse Taper 3 - 31,75 mm Weldon suitable for lubrication system KSPQ (for cutters ø 61 - 100 mm)	50
HCS.KIT	HSS Annular cutter set - 19,05 mm Weldon shank, DoC 30 mm 6-piece set including 1 slot pin, sizes 2x ø 14 / 2x ø 18 / 2x ø 22 mm	42
HCS.KIT/10	HSS Annular Cutter set - 19,05 mm Weldon shank, DoC 30 mm 10-piece set including 1 slot pin, sizes: ø 12 / ø 14 / ø 16 / ø 18 / ø 20 / ø 22 / ø 24 / ø 26 / ø 28 / ø 30 mm	42
SSPL.06.14	HSS Twist drills with 19,05 mm Weldon shank ø 6 - 14 mm x 30 mm (Increasing by 1 mm increments)	44
S.1.08.14	HSS twist drills with 19,05 mm Weldon shank ø 8 - 14 mm x 30 mm (Increasing by 1 mm increments)	44
TDS.100	HSSC Co (M35) 19 piece Twist drill set (increasing by 0,5 mm increments)	46
TDS.200	HSSCT Co (M25) 25 piece Twist drill set (increasing by 0,5 mm increments)	46
Taps	Machine taps M3 - M30	60
GSW.5128	M12/2/3 Tapping chuck M8 - M12 reversible including rubber tap collets	62

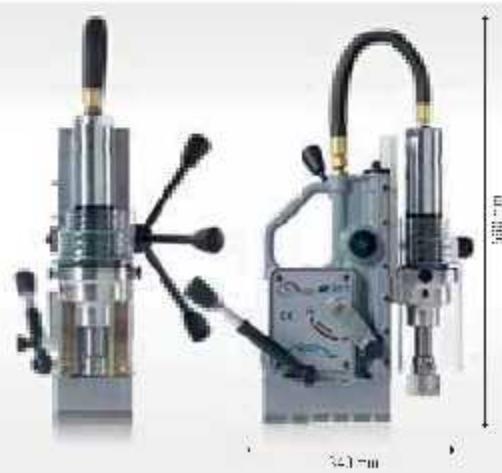


# AIR.52/3

PNEUMATIC DRILLING MACHINE UP TO Ø 52 MM



The Air.52/3 is designed for metal working in hazardous areas such as the offshore and petrochemical industry, oil and gas extraction industry, power stations and the ship building and marine industry.



AR 52/3

► TECHNICAL DATA AR 52/3

DRILL DIAMETER (mm)	Ø 12 - 52 mm
VG (mm)	340 (mm)
WMT (mm)	250 mm
ESTL (mm)	390 mm
SHAKE (mm)	20 mm
WEIGHT (kg)	3 kg
POWER (kW)	22 (3.75 kW)
MAGNETIC FORCE	600 kN
SPEED (min⁻¹)	1,000 min⁻¹
BURDEN (mm)	9.05 mm (8°) welder
AIR CONSUMPTION (m³/min)	0.3 m³/min
MAX. DRILLING DEPTH (mm)	6,200 (36 PBI)

► ACCESSORIES

AR 52/3

► ADDITIONAL:

PNG 45-63

STANDARD EQUIPMENT

ARTICLE NO.	DESCRIPTION	PAGE
A52.0001	Safety guard	

ADDITIONAL ACCESSORIES AVAILABLE

DESCRIPTION	PAGE
IBK.13 Drill chuck Ø 1,5 - 13 mm; ½" x 20 UNF (inner)	52
IBK.13U Keyless drill chuck Ø 1,5 - 13 mm; ½" x 20 UNF (inner)	52
IBK.14 Adapter 19.05 mm (¾") Weldon (outer) - ½" x 20 UNF (outer)	53
HCS.KIT HSS Annular cutter set - 19.05 mm Weldon shank, Doc 30 mm 6-piece set including 1 slot pin, sizes 2x ø 14 - 2x ø 18 - 2x ø 22 mm	42
HCS.KIT/10 HSS Annular Cutter set - 19.05 mm Weldon shank, Doc 30 mm 10-piece set including 1 slot pin, sizes: ø 12 - ø 14 - ø 16 - ø 18 - ø 20 - ø 22 - ø 24 - ø 26 - ø 28 - ø 30 mm	42
SSPL.06.14 HSS Twist drills with 19.05 mm Weldon shank - ø 6 - 14 mm x 30 mm (Increasing by 1 mm increments)	44
SPI.06-14 HSS Twist drills with 19.05 mm Weldon shank - ø 6 - 14 mm x 6 mm (Increasing by 1 mm increments)	44
TDS.100 HSSE-Co (M35) 19-piece twist drill set (increasing by 0.5 mm increments)	46

FEATURES:

- AC powered motor system
- Automatic cooling system
- SAFF permanent magnet system
- Spark-free therefore explosion-proof
- Anti-static construction
- Weighs only 13 kg
- Safety interlock
- Reduced noise



# EUROBOOR CATALOG



# Annular Cutters

## HSS, HSS-Cobalt and TCT

Quality and safety have been the top priority at Euroboor for years. This is particularly the case when it comes to the production of Annular Cutters. Using superior-quality raw material, Euroboor Annular Cutters are manufactured of certified HSS steel. The production process is handled by high-tech CNC machines.

Control checks are conducted at the end of every production stage. The end product finally reaches the end control stage where standards are higher, as quality is only approved when it is consistent.

HSS steel does not become an Annular Cutter easily, especially not a Euroboor Annular Cutter. There is a whole world of difference. To obtain the maximum advantage from your magnetic drilling machine, you will naturally use Euroboor Annular Cutters. They offer the quickest drilling time, combined with a very long lifespan.

### Range of Annular Cutters

At Euroboor you may choose from the largest selection of Annular Cutters, in both size and material as well as in metric and imperial sizes. For you may choose from HSS, HSS Cobalt alloy, TCT and recently, HSS Annular Cutters with a 19.05 mm universal shank (NIlo/Welco®).

In this section of the Euroboor catalog you will find more information about Euroboor Annular Cutters.

### Features:

- Perfect stable start
- Conical surface index
- Precise center pilot fitting
- Ground cutting surface
- Faster - because every tooth cuts
- More accurate
- Greater drill depth
- Stronger, therefore less fragile
- Guaranteed slug ejection

# HSS Annular Cutters

## HSS ANNULAR CUTTERS – DEPTH OF CUT 30 MM

### EURCOBC04 HSS ANNULAR CUTTERS

WITH 10.05 MM WELDON SHANK – DOC 30 MM

Ø MM	Ø HSS CODE	Ø MM	Ø HSS CODE
12	HCS.120	35	HCS.350
13	HCS.130	36	HCS.360
13,5	HCS.135	37	HCS.370
14	HCS.140	38	HCS.380
15	HCS.150	39	HCS.390
15,5	HCS.155	40	HCS.400
16	HCS.160	41	HCS.410
17	HCS.170	42	HCS.420
17,5	HCS.175	43	HCS.430
18	HCS.180	44	HCS.440
19	HCS.190	45	HCS.450
19,5	HCS.195	46	HCS.460
20	HCS.200	47	HCS.470
21	HCS.210	48	HCS.480
21,5	HCS.215	49	HCS.490
22	HCS.220	50	HCS.500
23	HCS.230	51	HCS.510
24	HCS.240	52	HCS.520
25	HCS.250	53	HCS.530
26	HCS.260	54	HCS.540
26,5	HCS.265	55	HCS.550
27	HCS.270	56	HCS.560
28	HCS.280	57	HCS.570
29	HCS.290	58	HCS.580
30	HCS.300	59	HCS.590
31	HCS.310	60	HCS.600
32	HCS.320		
33	HCS.330		
34	HCS.340		

### EURCOBC05 HSS ANNULAR CUTTERS

WITH 31.75 MM WELDON SHANK – DOC 30 MM

Ø MM	Ø HSS CODE	Ø MM	Ø HSS CODE
61	HCS.610	90	HCS.900
62	HCS.620	91	HCS.910
63	HCS.630	92	HCS.920
64	HCS.640	93	HCS.930
65	HCS.650	94	HCS.940
66	HCS.660	95	HCS.950
67	HCS.670	96	HCS.960
68	HCS.680	97	HCS.970
69	HCS.690	98	HCS.980
70	HCS.700	99	HCS.990
71	HCS.710	100	HCS.1000
72	HCS.720		
73	HCS.730		
74	HCS.740		
75	HCS.750		
76	HCS.760		
77	HCS.770		
78	HCS.780		
79	HCS.790		
80	HCS.800		
81	HCS.810		
82	HCS.820		
83	HCS.830		
84	HCS.840		
85	HCS.850		
86	HCS.860		
87	HCS.870		
88	HCS.880		
89	HCS.890		

### HSS ANNULAR SHEAVING

Euroco Annular Cutters are manufactured using superior quality raw material. The cutters are appreciated worldwide for their optimum performance, durability and longer functional life.

Being corrosion resistant, durable and non-abrasive, Euroco Annular Cutters are widely used in the construction, oil and shipping industry as well as in different other industries.

#### Annular cutting

Cutting metal with Euroco Annular Cutters is an efficient way to create holes of ø12 mm (7/16") up to 130 mm (5") diameter. They come in cutting depths (DoC) 30 mm (1"), 60 mm (2"), 75 mm (3") and 110 (4") mm.



### ACCESSORIES – PILOT PINS

Ø ØD-ETOL+	Ø ØSHL	Ø ØSHR	ANNULAR CUTTER	PAGE
IBC 70	77 mm	6,35 mm	HCS ø 12 - 60 mm	43
IBC 80	103 mm	8 mm	HCS ø 61 - 100 mm	43



## HSS Annular Cutters

HSS ANNULAR CUTTERS – DEPTH OF CUT 55 MM

## HSS ANNULAR CUTTERS

Multiple cutting teeth cut only the material around the periphery of the hole, leaving a solid metal slug. In fact, the wall thickness of the cutter is approximately 6 mm (1/4"), meaning that no matter what size hole you are cutting you are only removing a minimum amount of material around the edge of the hole.

Because the cutting surface of annular cutters is spread out over multiple cutting teeth, they remain sharper for a longer period of time and can create 5 to 10 times more holes than traditional twist drills. Hole cutting with Annular Cutters requires no pre-drilling or step drilling. Holes are smooth and burr-free. No reaming is required.



## EU505008 HSS ANNULAR CUTTERS

WITH 19.05 MM WELDON SHANK - DCO 55 MM

DIA	DRILL CODE	DIA	DRILL CODE
12	HCL120	35	HCL350
13	HCL130	36	HCL360
13.5	HCL135	37	HCL370
14	HCL140	38	HCL380
15	HCL150	39	HCL390
15.5	HCL155	40	HCL400
16	HCL160	41	HCL410
17	HCL170	42	HCL420
17.5	HCL175	43	HCL430
18	HCL180	44	HCL440
19	HCL190	45	HCL450
19.5	HCL195	46	HCL460
20	HCL200	47	HCL470
21	HCL210	48	HCL480
21.5	HCL215	49	HCL490
22	HCL220	50	HCL500
23	HCL230	51	HCL510
24	HCL240	52	HCL520
25	HCL250	53	HCL530
26	HCL260	54	HCL540
26.5	HCL265	55	HCL550
27	HCL270	56	HCL560
28	HCL280	57	HCL570
29	HCL290	58	HCL580
30	HCL300	59	HCL590
31	HCL310	60	HCL600
32	HCL320		
33	HCL330		
34	HCL340		

## EU505009 HSS ANNULAR CUTTERS

WITH 21.75 MM WELDON SHANK - DCO 55 MM

DIA	DRILL CODE	DIA	DRILL CODE
61	HCL610	90	HCL900
62	HCL620	91	HCL910
63	HCL630	92	HCL920
64	HCL640	93	HCL930
65	HCL650	94	HCL940
66	HCL660	95	HCL950
67	HCL670	96	HCL960
68	HCL680	97	HCL970
69	HCL690	98	HCL980
70	HCL700	99	HCL990
71	HCL710	100	HCL1000
72	HCL720	105	HCL1050
73	HCL730	110	HCL1100
74	HCL740	115	HCL1150
75	HCL750	120	HCL1200
76	HCL760	125	HCL1250
77	HCL770	130	HCL1300
78	HCL780		
79	HCL790		
80	HCL800		
81	HCL810		
82	HCL820		
83	HCL830		
84	HCL840		
85	HCL850		
86	HCL860		
87	HCL870		
88	HCL880		
89	HCL890		

## ACCESSORIES – 3 PARTPIES

DRILL CODE	LENGT	DIA	ANNULAR CUTTER	Ref.
IEC.90	102 mm	6.35 mm	HCL ø 12 - 60 mm	43
IEC.100	123 mm	8 mm	HCL ø 61 - 130 mm	43



# HSS Annular Cutters

HSS ANNULAR CUTTERS – DEPTH OF CUT 75 MM

## LURC804 HSS ANNULAR CUTTERS

WITH 10.05 MM WELDON SHANK, DOC 75 MM

ITEM #	ORIG. CODE	ITEM #	ORIG. CODE
14	HCY.140	41	HCY.410
15	HCY.150	42	HCY.420
16	HCY.160	43	HCY.430
17	HCY.170	44	HCY.440
18	HCY.180	45	HCY.450
19	HCY.190	46	HCY.460
20	HCY.200	47	HCY.470
21	HCY.210	48	HCY.480
22	HCY.220	49	HCY.490
23	HCY.230	50	HCY.500
24	HCY.240		
25	HCY.250		
26	HCY.260		
27	HCY.270		
28	HCY.280		
29	HCY.290		
30	HCY.300		
31	HCY.310		
32	HCY.320		
33	HCY.330		
34	HCY.340		
35	HCY.350		
36	HCY.360		
37	HCY.370		
38	HCY.380		
39	HCY.390		
40	HCY.400		

## HSS ANNULAR SHEET HSS

HSS Annular Cutters with unique geometry type and random space box, provide clearly cutting, fast feed rate, less vibration, smooth hole surface and long tool life, highly effective for drilling. They are better and quicker than twist drills.

HSS Annular Cutters can be used on all kinds of magnetic drilling machines. They can be widely used for drilling steel, copper, aluminum, stainless steel and plastic in either plate or pipe form.

The HSS Annular Cutters have gained huge popularity in the market. The entire range is available in various specifications that can be customized as per clients' requirements.



## ACCESSORIES - PLUG DRILLS

DRILL CODE	LENTH	DIA. INCH	APPROX. CUTTING	PAGE
IAC.K25	127 mm	6.35 mm	HCY & 14 - 50 mm	43



## HSS ANNULAR CUTTERS

HSS ANNULAR CUTTERS - DEPTH OF CUT 100 MM

## HSS ANNULAR CUTTERS

The Annular Cutter drills the hole in 3 steps:

1. The pilot pin accurately centers the cutter over the area to be drilled.
2. When drilling, the pilot pin retracts and allows the internal lubrication to reach the cutting teeth.
3. When the hole is complete, the slug is automatically ejected from the cutter, leaving an accurate, finished hole.



## EU505008 HSS ANNULAR CUTTERS

WITH 19.05 MM WELDON SHANK - DOC 100 MM

DIA	DEPTH DOC
16	HGX 180
19	HGX 190
20	HGX 200
21	HGX 210
22	HGX 220
23	HGX 230
24	HGX 240
26	HGX 250
28	HGX 260
27	HGX 270
28	HGX 280
29	HGX 290
30	HGX 300
31	HGX 310
32	HGX 320
33	HGX 330
34	HGX 340
35	HGX 350
36	HGX 360
37	HGX 370
38	HGX 380
39	HGX 390
40	HGX 400

## EU505009 HSS ANNULAR CUTTERS

WITH 19.05 MM WELDON SHANK - DOC 100 MM

DIA	DEPTH DOC
61	HGX 610
62	HGX 620
63	HGX 630
64	HGX 640
65	HGX 650
66	HGX 660
67	HGX 670
68	HGX 680
69	HGX 690
70	HGX 700
71	HGX 710
72	HGX 720
73	HGX 730
74	HGX 740
75	HGX 750
76	HGX 760
77	HGX 770
78	HGX 780
79	HGX 790
80	HGX 800
81	HGX 810
82	HGX 820
83	HGX 830
84	HGX 840
85	HGX 850
86	HGX 860
87	HGX 870
88	HGX 880
89	HGX 890
100	HGX 1000

## ACCESSORIES - PILOT PINS

CHUCK CODE	LENTH	DIAMETER	ANNULAR CUTTERS	REF
IECK50	156 mm	6.35 mm	HGX a 16 - 60 mm	43
IEC130	162 mm	8 mm	HGX a 61 - 100 mm	43



# HSS Annular Cutters

HSS ANNULAR CUTTER UNIVERSAL SHANK (NITTO/WELDON) - DOC 30 MM

HSS ANNULAR CUTTER UNIVERSAL SHANK (NITTO/WELDON) - DOC 55 MM

LURCBOU-HSS ANNULAR CUI LR UNIVERSAL SHANK (NITTO/WELDON) - DOC 30 MM	
Ø mm	DRILL CODE
12	HCSU.120
13	ICSU.130
14	ICSU.140
15	HCSU.150
16	HCSU.160
17	HCSU.170
18	ICSU.180
19	ICSU.190
20	HCSU.200
21	HCSU.210
22	HCSU.220
23	ICSU.230
24	ICSU.240
25	HCSU.250
26	HCSU.260
27	HCSU.270
28	ICSU.280
29	ICSU.290
30	HCSU.300
31	HCSU.310
32	HCSU.320
33	HCSU.330
34	ICSU.340
35	HCSU.350
36	HCSU.360
37	HCSU.370
38	HCSU.380
39	ICSU.390
40	HCSU.400

LURCBOU-HCS ANNULAR CUI LR UNIVERSAL SHANK (NITTO/WELDON) - DOC 55 MM	
Ø mm	DRILL CODE
12	HCLU.120
13	HCLU.130
14	HCLU.140
15	HCLU.150
16	HCLU.160
17	HCLU.170
18	HCLU.180
19	HCLU.190
20	HCLU.200
21	HCLU.210
22	HCLU.220
23	HCLU.230
24	HCLU.240
25	HCLU.250
26	HCLU.260
27	HCLU.270
28	HCLU.280
29	HCLU.290
30	HCLU.300
31	HCLU.310
32	HCLU.320
33	HCLU.330
34	HCLU.340
35	HCLU.350
36	HCLU.360
37	HCLU.370
38	HCLU.380
39	HCLU.390
40	HCLU.400

HSS ANNULAR CUTTERS	
Multiple cutting teeth cut only the material around the periphery of the hole, leaving a solid metal slug. In fact, the wall thickness of the cutter is approximately 1/8", meaning that no matter what size hole you are cutting, you are only removing a minimum amount of material around the edge of the hole.	Because the cutting surface of annular cutters is scored out over multiple cutting teeth, they remain sharper for a longer period of time and can create 5 to 10 times more holes than traditional twist drill bits. Hole cutting with Antra® Cutters requires no pre-drilling or step drilling. Holes are smooth and burr-free. No reaming is required.



ACCESORIES - PILOT PINS				
DRILL CODE	Ø mm	DIA. Ø mm	ANNULUS Ø mm - mm	PAGE
IAC.70	77 mm	6,35 mm	ICSU ø 12 - 60 mm	43
IAC.80	103 mm	8 mm	HCSU ø 61 - 65 mm	43
IAC.90	102 mm	6,35 mm	HCLU ø 12 - 60 mm	43
IAC.100	123 mm	8 mm	HCLU ø 61 - 65 mm	43



# HSS Annular Cutters (Imperial)

HSS ANNULAR CUTTER WELDON SHANK - DOC 30 MM

HSS ANNULAR CUTTER WELDON SHANK - DOC 55 MM

## ISSUE AND ADVANTAGES

Multiple cutting teeth cut only the material around the periphery of the hole, leaving a solid metal slug. In fact, the wall thickness of the cutter is approximately  $1/16$ " meaning that no matter what size hole you are cutting, you are only removing a minimum amount of material around the edge of the hole.

Because the cutting surface of annular cutters is scored out over multiple cutting teeth, they remain sharper for a longer period of time and can create 5 to 10 times more holes than traditional twist drills. To cut cutting with Annular Cutters requires no pre-drilling or stop drilling. Holes are smooth and burn-free. No reaming is required.



## EUROBOOR HSS ANNULAR CUTTERS

3/4" AND 1 1/4" WELDON SHANK - DOC 30 MM

D	DOC 30 MM	D	DOC 30 MM
7/16"	HCS.7/16"	2 7/16"	HCS.2 7/16"
1/2"	HCS.1/2"	2-5/16"	HCS.2-5/16"
9/16"	HCS.9/16"	2-3/8"	HCS.2-3/8"
5/8"	HCS.5/8"	2-7/16"	HCS.2-7/16"
11/16"	HCS.11/16"	2-1/2"	HCS.2-1/2"
3/4"	HCS.3/4"	2 9/16"	HCS.2 9/16"
13/16"	HCS.13/16"	2-5/8"	HCS.2-5/8"
7/8"	HCS.7/8"	2-11/16"	HCS.2-7/8"
15/16"	HCS.15/16"	2-3/4"	HCS.2-3/4"
1"	HCS.1"	2-13/16"	HCS.2-3/16"
1 1/16"	HCS.1 1/16"	2 7/8"	HCS.2 7/8"
1 1/8"	HCS.1 1/8"	2-5/16"	HCS.2-5/16"
1-3/16"	HCS.1-3/16"	3"	HCS.3"
1-1/4"	HCS.1-1/4"	3-1/16"	HCS.3-7/16"
1-5/16"	HCS.1-5/16"	3-1/8"	HCS.3-1/8"
1-9/16"	HCS.1-9/16"	3-3/16"	HCS.3-3/16"
1-1/2"	HCS.1-1/2"	3-5/16"	HCS.3-5/16"
1-9/16"	HCS.1-9/16"	3-3/8"	HCS.3-3/8"
1-5/8"	HCS.1-5/8"	3-7/16"	HCS.3-7/16"
1-11/16"	HCS.1-11/16"	3-1/2"	HCS.3-1/2"
1-3/4"	HCS.1-3/4"	3-9/16"	HCS.3-9/16"
1-13/16"	HCS.1-13/16"	3-5/8"	HCS.3-5/8"
1-7/8"	HCS.1-7/8"	3-11/16"	HCS.3-7/8"
1-15/16"	HCS.1-15/16"	3-3/4"	HCS.3-3/4"
2"	HCS.2"	3-13/16"	HCS.3-3/16"
2-1/16"	HCS.2-1/16"	3-7/8"	HCS.3-7/8"
2-1/8"	HCS.2-1/8"	3-15/16"	HCS.3-5/16"
2-5/16"	HCS.2-5/16"	4"	HCS.4"

## EUROBOOR HSS ANNULAR CUTTERS

3/4" AND 1 1/4" WELDON SHANK - DOC 55 MM

D	DOC 55 MM	D	DOC 55 MM
7/16"	HCL.7/16"	2 1/4"	HCL.2 1/4"
1/2"	HCL.1/2"	2-3/16"	HCL.2-3/16"
9/16"	HCL.9/16"	2-3/8"	HCL.2-3/8"
5/8"	HCL.5/8"	2-7/8"	HCL.2-7/8"
11/16"	HCL.11/16"	2-1/2"	HCL.2-1/2"
3/4"	HCL.3/4"	2 9/16"	HCL.2 9/16"
13/16"	HCL.13/16"	2-5/8"	HCL.2-5/8"
7/8"	HCL.7/8"	2-11/16"	HCL.2-7/16"
15/16"	HCL.15/16"	2-3/4"	HCL.2-3/4"
1"	HCL.1"	2-13/16"	HCL.2-3/16"
1 1/16"	HCL.1 1/16"	2 7/8"	HCL.2 7/8"
1 1/8"	HCL.1 1/8"	2-5/16"	HCL.2-5/16"
1-3/16"	HCL.1-3/16"	3"	HCL.3"
1-1/4"	HCL.1-1/4"	3-1/16"	HCL.3-1/16"
1-5/16"	HCL.1-5/16"	3-1/8"	HCL.3-1/8"
1-9/16"	HCL.1-9/16"	3-3/16"	HCL.3-3/16"
1-1/2"	HCL.1-1/2"	3-5/16"	HCL.3-5/16"
1-9/16"	HCL.1-9/16"	3-3/8"	HCL.3-3/8"
1-5/8"	HCL.1-5/8"	3-7/16"	HCL.3-7/16"
1-11/16"	HCL.1-11/16"	3-1/2"	HCL.3-1/2"
1-3/4"	HCL.1-3/4"	3-9/16"	HCL.3-9/16"
1-13/16"	HCL.1-13/16"	3-5/8"	HCL.3-5/8"
1-7/8"	HCL.1-7/8"	3-11/16"	HCL.3-7/8"
1-15/16"	HCL.1-15/16"	3-3/4"	HCL.3-3/4"
2"	HCL.2"	3-13/16"	HCL.3-3/16"
2-1/16"	HCL.2-1/16"	3-7/8"	HCL.3-7/8"
2-1/8"	HCL.2-1/8"	3-15/16"	HCL.3-5/16"
2-5/16"	HCL.2-5/16"	4"	HCL.4"

## ACCESSORIES - PILOT PINS

OD OF PCD	L-36 H	OD OF HF	PILOT PIN CUTTERS	Page
IEC.70	77 mm	6.35 mm	HCS Ø 7/16"-2-3/8"	43
IEC.83	103 mm	8 mm	HCS Ø 2-7/16"-4"	43
IEC.90	102 mm	6.35 mm	HCL Ø 7/16"-2-3/8"	43
IEC.100	123 mm	8 mm	HCL Ø 2-7/16"-4"	43



# HSS-Co Annular Cutters

HSS-CO ANNULAR CUTTERS - DEPTH OF CUT: 30 MM

EURBCG01 HSS-CO ANNULAR CUTTERS			
WITH 6.35 MM WILDCARD SHANK - DOC 30 MM			
Ø MM	BS-CODE	Ø MM	BS-CODE
12	BS.120	41	BS.410
13	BS.130	42	BS.420
14	BS.140	43	BS.430
15	BS.150	44	BS.440
16	BS.160	45	BS.450
17	BS.170	46	BS.460
18	BS.180	47	BS.470
19	BS.190	48	BS.480
20	BS.200	49	BS.490
21	BS.210	50	BS.500
22	BS.220	51	BS.510
23	BS.230	52	BS.520
24	BS.240	53	BS.530
25	BS.250	54	BS.540
26	BS.260	55	BS.550
27	BS.270	56	BS.560
28	BS.280	57	BS.570
29	BS.290	58	BS.580
30	BS.300	59	BS.590
31	BS.310	60	BS.600
32	BS.320		
33	BS.330		
34	BS.340		
35	BS.350		
36	BS.360		
37	BS.370		
38	BS.380		
39	BS.390		
40	BS.400		

EURBCG01 HSS-CO ANNULAR CUTTERS			
WITH 6.35 MM WILDCARD SHANK - DOC 30 MM			
Ø MM	BS-CODE	Ø MM	BS-CODE
61	BS.610	90	BS.900
62	BS.620	91	BS.910
63	BS.630	92	BS.920
64	BS.640	93	BS.930
65	BS.650	94	BS.940
66	BS.660	95	BS.950
67	BS.670	96	BS.960
68	BS.680	97	BS.970
69	BS.690	98	BS.980
70	BS.700	99	BS.990
71	BS.710	100	BS.1000
72	BS.720		
73	BS.730		
74	BS.740		
75	BS.750		
76	BS.760		
77	BS.770		
78	BS.780		
79	BS.790		
80	BS.800		
81	BS.810		
82	BS.820		
83	BS.830		
84	BS.840		
85	BS.850		
86	BS.860		
87	BS.870		
88	BS.880		
89	BS.890		

HSS-CO ANNULAR CUTTERS			
Eurco: HSS-Co Annular Cutters are made of Molybdenum-Chromium-Vanadium-Tungsten alloy High Speed Steel with an additional 8% Cobalt (W/C)			
The HSS-Co Annular Cutter is specifically designed to remain cool when cutting holes. All flutes are fully ground, resulting in super fast feed rates and smooth holes in hard materials, providing better chip clearance and higher cutting performances.			



## ACCESSORIES - PILOT PINS

ØD-E700	Ø310	DIAFTER	ANNULUS Ø - BS	PAGE
IHC 70	77 mm	6,35 mm	BS ø 12 - 60 mm	43
IHC 80	103 mm	8 mm	BS ø 61 - 100 mm	43



## IBR 320 HSS-CO 55 MM ANNULAR CUTTERS

M42 is a Molybdenum-Chromium-Vanadium-Tungsten High Speed Steel alloy with an additional 8% Cobalt.

The M42 HSS-Co Annular Cutter is widely used in the metalworking industry for its superior rec-hardness compared to more conventional high-speed steels. This will lead to shorter cycle times in production environments due to higher cutting speeds.



## EUBROOR HSS-CO ANNULAR CUTTERS

WT 110.05 MM WELDON SHANK - DOC 55 MM

Ø MM	ØH-Ø GUIDE	Ø MM	ØH-Ø GUIDE
12	IBL.120	41	IBL.410
13	IBL.130	42	IBL.420
14	IBL.140	43	IBL.430
15	IBL.150	44	IBL.440
16	IBL.160	45	IBL.450
17	IBL.170	46	IBL.460
18	IBL.180	47	IBL.470
19	IBL.190	48	IBL.480
20	IBL.200	49	IBL.490
21	IBL.210	50	IBL.500
22	IBL.220	51	IBL.510
23	IBL.230	52	IBL.520
24	IBL.240	53	IBL.530
25	IBL.250	54	IBL.540
26	IBL.260	55	IBL.550
27	IBL.270	56	IBL.560
28	IBL.280	57	IBL.570
29	IBL.290	58	IBL.580
30	IBL.300	59	IBL.590
31	IBL.310	60	IBL.600
32	IBL.320		
33	IBL.330		
34	IBL.340		
35	IBL.350		
36	IBL.360		
37	IBL.370		
38	IBL.380		
39	IBL.390		
40	IBL.400		

## EJR3BOOR HSS-CO ANNULAR CUTTERS

WT 111.75 MM WELDON SHANK - DOC 55 MM

Ø MM	ØH-Ø GUIDE	Ø MM	ØH-Ø GUIDE
81	IBL.810	90	IBL.800
82	IBL.820	91	IBL.810
83	IBL.830	92	IBL.820
84	IBL.840	93	IBL.830
85	IBL.850	94	IBL.840
86	IBL.860	95	IBL.850
87	IBL.870	96	IBL.860
88	IBL.880	97	IBL.870
89	IBL.890	98	IBL.880
90	IBL.900	99	IBL.890
100	IBL.1000		

## ACCESSORIES – PILOT PINS

ØH-Ø GUIDE	L-Ø mm	DIA Ø mm	ØH-Ø GUIDE	PAGE
IBC.90	102 mm	6,35 mm	IBL Ø 12 - 60 mm <sup>2</sup>	43
IBC.100	123 mm	8 mm	IBL Ø 61 - 103 mm <sup>2</sup>	43



# TCT ANNULAR CUTTERS

TCT ANNULAR CUTTERS - DEPTH OF CUT 35 MM (METRIC)

TCT RAIL ANNULAR CUTTERS - DEPTH OF CUT 35 MM (METRIC)

## EURBOCUT TCT ANNULAR CUTTERS

WITH 10.05MM WELDON SHANK - DCO 35 MM

DIA MM	DCO 10.05	DIA MM	DCO 10.05
12	HMS.120	32	HMS.320
13	HMS.130	33	HMS.330
14	HMS.140	34	HMS.340
15	HMS.150	35	HMS.350
16	HMS.160	36	HMS.360
17	HMS.170	37	HMS.370
18	HMS.180	38	HMS.380
19	HMS.190	39	HMS.390
20	HMS.200	40	HMS.400
21	HMS.210	41	HMS.410
22	HMS.220	42	HMS.420
23	HMS.230	43	HMS.430
24	HMS.240	44	HMS.440
25	HMS.250	45	HMS.450
26	HMS.260	46	HMS.460
27	HMS.270	47	HMS.470
28	HMS.280	48	HMS.480
29	HMS.290	49	HMS.490
30	HMS.300	50	HMS.500
31	HMS.310		

## EURBOCCRFC TCT RAIL ANNULAR CUTTERS

WITH 10.05 MM WELDON SHANK - DCO 35 MM

DIA MM	DCO 10.05	DIA MM	DCO 10.05
12	-	12	-
13	-	13	-
14	-	14	-
15	-	15	-
16	-	16	-
17	-	17	TRCS.170
18	-	18	TRCS.180
19	-	19	TRCS.190
20	-	20	TRCS.200
21	-	21	TRCS.210
22	-	22	TRCS.220
23	-	23	TRCS.230
24	-	24	TRCS.240
25	-	25	TRCS.250
26	-	26	TRCS.260
27	-	27	TRCS.270
28	-	28	TRCS.280
29	-	29	TRCS.290
30	-	30	TRCS.300
31	-	31	TRCS.310

## URCARB TCT CUTTERS - TIPCO TIPPED CUTTERS

Eurcarb: tungsten carbide tipped Annular Cutters

Cutters are suitable for drilling difficult materials such as stainless steel, copper and aluminum.

The Tungsten Carbide Tipped Cutters consist of an alloy metal body and tungsten carbide cutting teeth. The latter can be sharpened or replaced.

Eurcarb: tungsten carbide tipped Annular

Cutters are among the very best cutters. These top-quality Annular Cutters are available with cutting depths up to 35 mm and diameters up to 130 mm.

## ACCESORIES - PILOT PINS

OD Ø-ETOLE	FRONT	BACK	ANNULUS DIAMETERS	PAGE
IBC 75	90 mm	6,35 mm	HMS ø 12 - 17 mm	43
			TRCS ø 17 - 36 mm	43
IBC 85	90 mm	6 mm	HMS ø 18 - 50 mm	43



## TCT ANNULAR CUTTERS

TCT ANNULAR CUTTERS - DEPTH OF CUT 55 MM (METHIC)

## TUNGSTEN CARBIDE TIPPED ANNULAR CUTTERS

Euroboor tungsten carbide tipped annular cutters are equipped with a spiral flute which creates optimum chip removal and scuffing is virtually impossible.

These annular cutters are used e.g. in hardened materials such as HANCOX steel, stainless steels and high tensile strength such as railway tracks. For the latter the Rail drilling machine has been developed especially for this purpose.

The tungsten carbide tipped teeth of the cutter can be sharpened or replaced. Because of the above composition, and when used in a proper way, these cutters are less susceptible to breakage than standard High Speed Steel Cutters, especially in larger diameters and lengths.



## EUROBOOR TCT ANNULAR CUTTERS

WITH 10,35 MM WELDON SHANK - DUC 55 MM

Ø mm	DRILL CODE	Ø mm	DRILL CODE
12	HML.120	41	HML.410
13	HML.130	42	HML.420
14	HML.140	43	HML.430
15	HML.150	44	HML.440
16	HML.160	45	HML.450
17	HML.170	46	HML.460
18	HML.180	47	HML.470
19	HML.190	48	HML.480
20	HML.200	49	HML.490
21	HML.210	50	HML.500
22	HML.220	51	HML.510
23	HML.230	52	HML.520
24	HML.240	53	HML.530
25	HML.250	54	HML.540
26	HML.260	55	HML.550
27	HML.270	56	HML.560
28	HML.280	57	HML.570
29	HML.290	58	HML.580
30	HML.300	59	HML.590
31	HML.310	60	HML.600
32	HML.320		
33	HML.330		
34	HML.340		
35	HML.350		
36	HML.360		
37	HML.370		
38	HML.380		
39	HML.390		
40	HML.400		

## EUROBOOR TCT ANNULAR CUTTERS

WITH 10,35 MM WELDON SHANK - DUC 55 MM

Ø mm	DRILL CODE	Ø mm	DRILL CODE
61	HML.610	80	HML.900
62	HML.620	81	HML.910
63	HML.630	82	HML.920
64	HML.640	83	HML.930
65	HML.650	84	HML.940
66	HML.660	85	HML.950
67	HML.670	86	HML.960
68	HML.680	87	HML.970
69	HML.690	88	HML.980
70	HML.700	89	HML.990
71	HML.710	100	HML.1000
72	HML.720	105	HML.1050
73	HML.730	110	HML.1100
74	HML.740	115	HML.1150
75	HML.750	120	HML.1200
76	HML.760	125	HML.1250
77	HML.770	130	HML.1300
78	HML.780		
79	HML.790		
80	HML.800		
81	HML.810		
82	HML.820		
83	HML.830		
84	HML.840		
85	HML.850		
86	HML.860		
87	HML.870		
88	HML.880		
89	HML.890		

## ACCESSORIES - 3107 PICS

DRILL CODE	L-35 H	DIAFF FF	ADJUSTABLE CUTTERS	Page
IEC.90	102 mm	6,35 mm	HML Ø 14 - 17 mm	43
IEC.80	103 mm	8 mm	HML Ø 16 - 50 mm	43
IEC.100	123 mm	8 mm	HML Ø 51 - 130 mm	43



# EUROBOOR CATALOG



# TCT ANNULAR CUTTERS

TCT ANNULAR CUTTERS (IMPERIAL)

TCT ANNULAR CUTTER WELDON SHANK - DOC 35 MM

TCT ANNULAR CUTTER WF DON SHANK - DOC 35 MM

## TUNGSTEN CARBIDE TIPPED ANNULAR CUTTER

Euroboor tungsten carbide tipped annular cutters are equipped with a spiral flute which creates optimum chip removal and scuffing is virtually impossible.

These annular cutters are used e.g. in hardened materials such as HARDOX steel, stainless steels and high tensile strength such as railway tracks. For the latter the Rail drilling machine has been developed especially for this purpose.

The tungsten carbide tipped teeth of the cutter can be sharpened or replaced. Because of the above composition, and when used in a proper way, these cutters are less susceptible to breakage than standard High Speed Steel Cutters, especially in larger diameters and lengths.



## EUROBOOR TCT ANNULAR CUTTERS

WITH 35 MM WELDON SHANK - DOC 35 MM

D	SHARF CODE	D	SHARF CODE
7/16"	HMS 7/16"	2 1/4"	HMS 2 1/2"
1/2"	HMS 1/2"	2-5/16"	HMS 2-5/16"
9/16"	HMS 9/16"	2-3/8"	HMS 2-3/8"
5/8"	HMS 5/8"		
11/16"	HMS 11/16"		
3/4"	HMS 3/4"		
13/16"	HMS 13/16"		
7/8"	HMS 7/8"		
15/16"	HMS 15/16"		
1"	HMS 1"		
1 1/16"	HMS 1 1/16"		
1 1/8"	HMS 1 1/8"		
1-3/16"	HMS 1-3/16"		
1-1/4"	HMS 1-1/4"		
1-5/16"	HMS 1-5/16"		
1-3/8"	HMS 1-3/8"		
1-7/16"	HMS 1-7/16"		
1-1/2"	HMS 1-1/2"		
1-9/16"	HMS 1-9/16"		
1-5/8"	HMS 1-5/8"		
1 11/16"	HMS 1 11/16"		
1 3/4"	HMS 1 3/4"		
1-13/16"	HMS 1-13/16"		
1-7/8"	HMS 1-7/8"		
1-15/16"	HMS 1-15/16"		
2"	HMS 2"		
2 1/16"	HMS 2 1/16"		
2-1/8"	HMS 2-1/8"		
2-3/16"	HMS 2-3/16"		

## EUROBOOR TCT ANNULAR CUTTERS

WITH 35 MM WELDON SHANK - DOC 35 MM

D	SHARF CODE	D	SHARF CODE
7/16"	HML 7/16"	2 1/4"	HML 2 1/4"
1/2"	HML 1/2"	2-5/16"	HML 2-5/16"
9/16"	HML 9/16"	2-3/8"	HML 2-3/8"
5/8"	HML 5/8"		
11/16"	HML 11/16"		
3/4"	HML 3/4"		
13/16"	HML 13/16"		
7/8"	HML 7/8"		
15/16"	HML 15/16"		
1"	HML 1"		
1 1/16"	HML 1 1/16"		
1 1/8"	HML 1 1/8"		
1-3/16"	HML 1-3/16"		
1-1/4"	HML 1-1/4"		
1-5/16"	HML 1-5/16"		
1-3/8"	HML 1-3/8"		
1-7/16"	HML 1-7/16"		
1-1/2"	HML 1-1/2"		
1-9/16"	HML 1-9/16"		
1-5/8"	HML 1-5/8"		
1 11/16"	HML 1 11/16"		
1 3/4"	HML 1 3/4"		
1-13/16"	HML 1-13/16"		
1-7/8"	HML 1-7/8"		
1-15/16"	HML 1-15/16"		
2"	HML 2"		
2 1/16"	HML 2 1/16"		
2-1/8"	HML 2-1/8"		
2-3/16"	HML 2-3/16"		

## ACCESSORIES - 3 LOT PEGS

SHARF CODE	L-25 H	DIAE-EE	REF/FAAC/111-83	PAGE
IEC.75	90 mm	6,35 mm	HMS 9/16" - 11/16"	43
IEC.85	90 mm	8 mm	HMS 3/4" - 2"	43
IEC.90	102 mm	6,35 mm	HML 9/16" - 11/16"	43
IEC.60	103 mm	8 mm	HML 3/4" - 2-3/8"	43



# Annular Cutter Sets

DEPTH OF CUT 30 AND 55 MM

HC53.3.1



ORDER CODE:	DESCRIPTION
HCS.KIT	Annular Cutter set - 19,05 mm Weldon shank HSS quality / depth of cut 30 mm 6-piece set including 1 pilot pin, sizes: 2x ø 14   2x ø 18   2x ø 22 mm
HCS.KIT	Annular Cutter set - 19,05 mm Weldon shank HSS quality / depth of cut 55 mm 6-piece set including 1 pilot pin, sizes: 2x ø 14   2x ø 18   2x ø 22 mm

HC53.5.1.8 | HC53.KIT.8



ORDER CODE:	DESCRIPTION HC53.5.1.8	DESCRIPTION HC53.KIT.8
HCS.KIT.8	Annular Cutter set with 19,05 mm Weldon shank - inch - 7 or 8 pieces	
HCS.KIT.8	HSS quality / depth of cut 30 or 55 mm	

ORDER CODE:	DESCRIPTION HC53.5.1.8	DESCRIPTION HC53.KIT.8
HCS.KIT.8: 2x ø 9/16" x 30 mm	HCS.KIT.8: 1x ø 9/16" x 30 mm	
2x ø 11/16" x 30 mm	1x ø 9/16" x 55 mm	
2x ø 13/16" x 30 mm	1x ø 11/16" x 30 mm	
1x pilot pin	1x ø 11/16" x 55 mm	
	1x ø 13/16" x 30 mm	
	1x ø 13/16" x 55 mm	
	2x pilot pins	

HC53.5.1.10



ORDER CODE:	DESCRIPTION
HCS.KIT.10	Annular Cutter set - 19,05 mm Weldon shank HSS quality / depth of cut 30 mm, 10-piece set including 1 pilot pin, sizes ø 12   ø 14   ø 16   ø 18   ø 20   ø 22   ø 24   ø 26   ø 28   ø 30 mm
HCS.KIT.10	Annular Cutter set - 19,05 mm Weldon shank HSS quality / depth of cut 55 mm, 10-piece set including 1 pilot pin, sizes ø 12   ø 14   ø 16   ø 18   ø 20   ø 22   ø 24   ø 26   ø 28   ø 30 mm

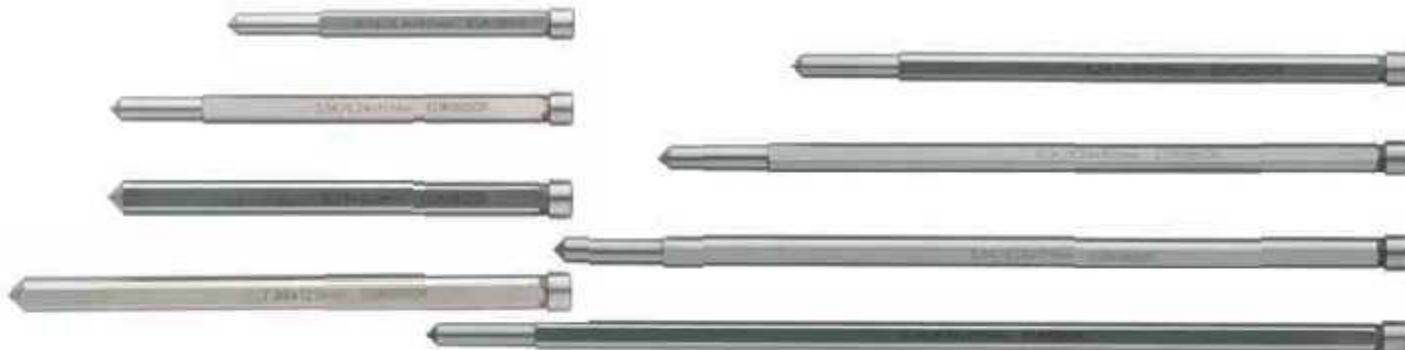
HC53.5.1



ORDER CODE:	DESCRIPTION
TCI.KIT	Annular Cutter set - 19,05 mm Weldon shank TCT quality / depth of cut 50 mm 6-piece set including 2 pilot pins, sizes: ø 12   ø 14   ø 16   ø 18   ø 20   ø 22 mm

# Pilot pins

**EUROBOOR**  
THE MARKET LEADER IN DRILLING AND CUTTING



PILOT PINS			
ORDER CODE	LENGTH	DIA/CTER	TO BE USED TOGETHER WITH MILLING CUTTERS
IBC.70	77 mm	6,35 mm	HCS and IBS cutters ø 12 - 60 mm
IBC.75	87 mm	6,35 mm	HMS cutters ø 12 - 17 mm and all sizes TRCS cutters
IBC.80	103 mm	8 mm	HCS and IBS cutters ø 61 - 130 mm HML cutters ø 18 - 60 mm
IBC.85	90 mm	8 mm	HMS cutters ø 18 - 50 mm
IBC.90	102 mm	6,35 mm	HCL and IBL cutters ø 12 - 60 mm HML cutters ø 14 - 17 mm
IBC.100	123 mm	8 mm	HCL and IBL cutters ø 61 - 130 mm HML cutters ø 61 - 130 mm (extra long for better centring of cutter)
IBC.110	135 mm	6,35 mm	Combination HML cutters ø 12 - 17 mm + IBK.NIT
IBC.120	120 mm	6,35 mm	Combination HMS cutters ø 12 - 17 mm + IBK.MT
IBC.130	132 mm	8 mm	HCH cutters ø 61 - 100 mm
IBC.425	125 mm	6,35 mm	HCH cutters ø 14 - 50 mm Combination HCL cutters ø 12 - 60 mm + IBK.NIT or IBK.GN Adapters Combination HCL cutters ø 12 - 60 mm + Extension Adapter 25 mm Combination HCS + IBK.NI or IBK.GN Adapters
IBC.450	155 mm	6,35 mm	HCH cutters ø 18 - 60 mm Combination HCL cutters ø 12 - 60 mm + Extension Adapter 50 mm
IBC.475	177 mm	6,35 mm	Combination HCL cutters ø 12 - 60 mm + Extension Adapter 75 mm
IBC.4100	203 mm	6,35 mm	Combination HCL cutters ø 12 - 60 mm + Extension Adapter 100 mm

# Twist drills

HSS TWIST DRILLS WITH 19,05 MM WELDON SHANK

HSS COUNTERSINK DRILLS WITH 19,05 MM WELDON SHANK

TWIST DRILL S 30 MM



19,05 MM WELDON SHANK

(GCRUP 125)

CODE/DESCRIPTION	DESCRIPTION
SSPL06	HSS Twist drill - 19,05 Weldon shank ø 6 x 30 mm
SSPL07	HSS Twist drill - 19,05 Weldon shank ø 7 x 30 mm
SSPL08	HSS Twist drill - 19,05 Weldon shank ø 8 x 30 mm
SSPL09	HSS Twist drill - 19,05 Weldon shank ø 9 x 30 mm
SSPL10	HSS twist drill - 19,05 Weldon shank ø 10 x 30 mm
SSPL11	HSS twist drill - 19,05 Weldon shank ø 11 x 30 mm
SSPL12	HSS twist drill - 19,05 Weldon shank ø 12 x 30 mm
SSPL13	HSS Twist drill - 19,05 Weldon shank ø 13 x 30 mm
SSPL14	HSS Twist drill - 19,05 Weldon shank ø 14 x 30 mm

TWIST DRILL S 55 MM



19,05 MM WELDON SHANK

(GFOJP 125)

CODE/DESCRIPTION	DESCRIPTION
SPI06	HSS Twist drill - 19,05 Weldon shank ø 6 x 55 mm
SPI07	HSS twist drill - 19,05 Weldon shank ø 7 x 55 mm
SPI08	HSS twist drill - 19,05 Weldon shank ø 8 x 55 mm
SPI09	HSS twist drill - 19,05 Weldon shank ø 9 x 55 mm
SPI10	HSS twist drill - 19,05 Weldon shank ø 10 x 55 mm
SPI11	HSS twist drill - 19,05 Weldon shank ø 11 x 55 mm
SPI12	HSS twist drill - 19,05 Weldon shank ø 12 x 55 mm
SPI13	HSS twist drill - 19,05 Weldon shank ø 13 x 55 mm
SPI14	HSS twist drill - 19,05 Weldon shank ø 14 x 55 mm

COUNTERSINK DRILLS



19,05 MM WELDON SHANK

(GFOJP 150)

CODE/DESCRIPTION	DESCRIPTION
SCC.25	HSS Countersink drill ø 10 - 25 mm - 19,05 mm Weldon shank
SCC.40	HSS Countersink drill ø 10 - 40 mm - 19,05 mm Weldon shank
SCC.50	HSS Countersink drill ø 10 - 50 mm - 19,05 mm Weldon shank

## DRILL SERIES

## (G30/P-164)

ITEM CODE	DESCRIPTION	SIZE	PACKAGING
TDCC.010	HSS-Co Twist drill	ø 1,0 mm	(per 10 pieces)
TDCC.015	HSS-Co Twist drill	ø 1,5 mm	(per 10 pieces)
TDCC.020	HSS-Co Twist drill	ø 2,0 mm	(per 10 pieces)
TDCC.025	HSS-Co Twist drill	ø 2,5 mm	(per 10 pieces)
TDCC.030	HSS-Co Twist drill	ø 3,0 mm	(per 10 pieces)
TDCC.035	HSS-Co Twist drill	ø 3,3 mm	(per 10 pieces)
TDCC.036	HSS-Co Twist drill	ø 3,5 mm	(per 10 pieces)
TDCC.040	HSS-Co Twist drill	ø 4,0 mm	(per 10 pieces)
TDCC.042	HSS-Co Twist drill	ø 4,2 mm	(per 10 pieces)
TDCC.045	HSS-Co Twist drill	ø 4,5 mm	(per 10 pieces)
TDCC.050	HSS-Co Twist drill	ø 5,0 mm	(per 10 pieces)
TDCC.055	HSS-Co Twist drill	ø 5,5 mm	(per 10 pieces)
TDCC.060	HSS-Co Twist drill	ø 6,0 mm	(per 10 pieces)
TDCC.065	HSS-Co Twist drill	ø 6,5 mm	(per 10 pieces)
TDCC.066	HSS-Co Twist drill	ø 6,8 mm	(per 10 pieces)
TDCC.070	HSS-Co Twist drill	ø 7,0 mm	(per 10 pieces)
TDCC.075	HSS-Co Twist drill	ø 7,5 mm	(per 10 pieces)
TDCC.080	HSS-Co Twist drill	ø 8,0 mm	(per 10 pieces)
TDCC.085	HSS-Co Twist drill	ø 8,5 mm	(per 10 pieces)
TDCC.090	HSS-Co Twist drill	ø 9,0 mm	(per 10 pieces)
TDCC.095	HSS-Co Twist drill	ø 9,5 mm	(per 10 pieces)
TDCC.100	HSS-Co Twist drill	ø 10,0 mm	(per 10 pieces)
TDCC.102	HSS-Co Twist drill	ø 10,2 mm	(per 10 pieces)
TDCC.106	HSS-Co Twist drill	ø 10,5 mm	(per 10 pieces)
TDCC.110	HSS-Co Twist drill	ø 11,0 mm	(per 10 pieces)
TDCC.115	HSS-Co Twist drill	ø 11,5 mm	(per 10 pieces)
TDCC.120	HSS-Co Twist drill	ø 12,0 mm	(per 10 pieces)
TDCC.125	HSS-Co Twist drill	ø 12,5 mm	(per 10 pieces)
TDCC.130	HSS-Co Twist drill	ø 13,0 mm	(per 10 pieces)



# DRILL BIT SETS

## VARIOUS SETS

TWIST DRILL SET	ORDER CODE:	DESCRIPTION:
	TDS.100	18 piece twist drill set (DIN 338) Premium: High Speed Steel, HSS-Cobalt (M35) quality Comparable with every drill chuck Solt point 135° Sizes: ø 1 - 10 mm increasing by 0,5 mm increments
TWIST DRILL SET	ORDER CODE:	DESCRIPTION:
	TDS.200	25 piece twist drill set (DIN 338) Premium: High Speed Steel, HSS-Cobalt (M35) quality Comparable with every drill chuck Solt point 135° Sizes: ø 1 - 13 mm increasing by 0,5 mm increments
STEP DRILL BIT SET	ORDER CODE:	DESCRIPTION:
	ESS.430/2	2 piece step drill bit set HSS - Titanium Nitride coated With spiral flute for efficient chip removal Sizes: ø 6 - 30   ø 4 - 20   ø 4 - 12 mm
TWIST DRILL AND TAPPING SET	ORDER CODE:	DESCRIPTION:
	DTS.312	14 piece twist drill and tapping set Premium: High Speed Steel, HSS-Cobalt (M35) quality 7 pieces HSS-Cobalt twist drills - DIN 338 7 pieces HSS-Cobalt Ox machine taps - DIN 371 Twist drill sizes: ø 2,5 - ø 3,3   ø 4,2   ø 5,5   ø 6,8   ø 8,5   ø 10,2 mm Machine tap sizes: M3, M4, N5, M6, N8, M10 and M12
COUNTER-SINK BIT SET	ORDER CODE:	DESCRIPTION:
	CTS.620	6 piece countersink bit set Premium: High Speed Steel, HSS-Cobalt (M35) quality 2 cutting edges 90° Sizes: ø 6,3   ø 8,3   ø 10,4   ø 12,4   ø 16,8   ø 20,5 mm



# EUROBOOR CATALOG



## ACCESSORIES

We believe accessories are auxiliary tools. Their development follows from practical situations in which problems present themselves; problems which usually could have been prevented by properly estimating the diversity and complexity of the work.

After more than 35 years of practical experience we dare to say we are familiar with most problems that may occur. The Euroboor accessories have been

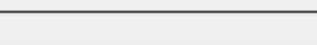
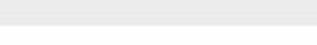
developed for direct practical solutions and comfort at work. Non-magnetic base, horizontal drilling, or lack of space, you can proceed undisturbed at all times.

This section of the Euroboor catalog provides an extensive collection of useful and necessary accessories, tuned to your activities. The Euroboor accessories guarantee professional solutions.

# Accessories

## LUBRICATION SYSTEM / MORSE TAPERS

CODE/ART. NO.	ITEM	IGRP IP 90;
	KSFO Order code: 020.0104 Description: Lubrication system with Quick Connect hose	
020.0145	Coolant ring Quick Connect Compatible with FCO 32, FCO 32 T and FCO 40 T	

MORSE APERTURE	ITEM	IGRP IP 90;
	MC.2 Order code: 020.0107 Description: Morse Taper 2 - 19,05 mm (3/4") Weldon	
	MC.3 Order code: 020.0108 Description: Morse Taper 3 - 19,05 mm (3/4") Weldon or cutters ø 12 - 60 mm	
	MC.3/32 Order code: 020.0109 Description: Morse Taper 3 - 31,75 mm (1-1/4") Weldon for cutters ø 61 - 100 mm	
	INC.20 Order code: 020.0110 Description: Morse Taper 2 - 19,05 mm (3/4") Weldon including lubrication ring for KSFO	
	INC.30/3-N Order code: 020.0111 Description: Morse Taper 3 - 19,05 mm (3/4") Weldon including lubrication ring for KSFO	
	INC.30/32-N Order code: 020.0112 Description: Morse Taper 3 - 31,75 mm (1-1/4") Weldon including lubrication ring for KSFO	
	INC.40/N Order code: 020.0113 Description: Morse Taper 4 - 31,75 mm (1-1/4") Weldon including lubrication ring for KSFO	
	MCO.20 Order code: 020.0114 Description: Morse Taper 2 Quick Change - 19,05 mm (3/4") Weldon including lubrication ring for annular cutters max. ø 26 mm	
	MCO.30 Order code: 020.0115 Description: Morse Taper 3 Quick Change - 19,05 mm (3/4") Weldon including lubrication ring for annular cutters max. ø 26 mm	
	020.01160 Order code: 020.01160 Description: Spindle 1/2" x 20 UNF - 19,05 mm (3/4") Quick Change	
	MCV.31 Order code: 020.0117 Description: Morse taper Adapter reducing sleeve N° 2 - N° 1	
	MCV.32 Order code: 020.0118 Description: Morse taper Adapter reducing sleeve N° 3 - N° 2	
	MCV.34 Order code: 020.0119 Description: Morse taper Adapter reducing sleeve N° 4 - N° 3	

## EXTRAS / ADAPTERS

## ACCESSORIES

IMAGE	ORDER CODE	DESCRIPTION
	IBK.15	Adapter 1/2" x 20 UNF (outer) - 1/2" x 20 UNF (inner) extension adapter (65 mm); for drill chucks
	IBK.25	Adapter 19,05 mm (3/4") Weldon (externally) - 19,05 mm (3/4") Weldon (internally) extension 25 mm, ø 35 mm, for 6,35 mm / 1/4" pilot pins
	IBK.50	Adapter 19,05 mm (3/4") Weldon (externally) - 19,05 mm (3/4") Weldon (internally) extension 50 mm, ø 35 mm, for 6,35 mm / 1/4" pilot pins
	IBK.75	Adapter 19,05 mm (3/4") Weldon (externally) - 19,05 mm (3/4") Weldon (internally) extension 75 mm, ø 35 mm, for 6,35 mm / 1/4" pilot pins
	IBK.100	Adapter 19,05 mm (3/4") Weldon (externally) - 19,05 mm (3/4") Weldon (internally) extension 100 mm, ø 35 mm, for 6,35 mm / 1/4" pilot pins
	J2C.016/300	Adapter 19,05 mm (3/4") Weldon (externally) - 19,05 mm (3/4") Weldon (internally) extension 300 mm, ø 35 mm, for 6,35 mm / 1/4" pilot pins
	MC.2x2T265	MT2 - N°2 extension adapter for extra stroke (80 mm)
	MC.3x3T260	MT3 - N°3 extension adapter for extra stroke (121 mm)
	MC.3x3T268	MT3 - N°3 extension adapter type 268 (250mm)
	MC.3x3T268/2	MT3 - N°3 extension adapter type 268 (450mm)

## POWER ASSISTS

## ACCESSORIES

IMAGE	ORDER CODE	DESCRIPTION
	020.0026	Power Assist for FCO.00 up to FCO.100/H.D.
	020.0063	The Power Assist is a special capstan, designed with delayed torque transfer. This decreases the load on both cutter and magnetic drilling machine, allowing the machine to maintain maximum RPM under full load.
	020.0063	Capstan hub with ratchet for FCO.32, FCO.32-T, FCO.40/2, FCO.50 and FCO.50-T

# Accessories

## DRILL CHUCKS/ADAPTERS

DRILL CHUCKS	DESCRIPTION	GROUP 75
	IBK 13 IBK 13 IBK 13-B16	Drill chuck ø 1,5 - 13 mm, 3/8" x 20 UNF (inner) Keyless drill chuck ø 1,5 - 13 mm, 3/8" x 20 UNF (inner) Drill chuck ø 1,5 - 13 mm with B16 connection Standard drill chuck for twist drills ø 1,5 - 13 mm Available with inner thread or inner taper Key is necessary
	IBK 16	Drill chuck ø 1,5 - 16 mm with B16 connection Standard drill chuck for twist drills ø 1,5 - 16 mm Available with inner taper Key is necessary
	IBQ 13 IBQ 16	Drill chuck Quick change ø 1,5 - 13 mm - 1/2" x 20 UNF Drill chuck Quick change ø 1,5 - 16 mm - 1/2" x 20 UNF The IBQ 13 and IBQ 16 Quick Change drill chucks are keyless, three jaw, soft coning chuck that hold drill bits in place for drilling operations. They can be used with magnetic drilling machines together with ELEFOBOOH accessories like IBK 14, IBK 15 and 1/2" x 20 UNF Morse taper.
BIT DRILL CHUCK ADAPTERS	DESCRIPTION	GROUP 75
	B18-MC2	Morse Taper 2 - B16 spindle connection
	B18-MC3	Morse Taper 3 - B16 spindle connection
	B18-MC2	Morse Taper 2 - B16 spindle connection
	B18-MC3	Morse Taper 3 - B16 spindle connection
	1/2UNF-MC2	Morse Taper 2 - Adapter 1/2" x 20 UNF

WELDON ADAPTERS

CODE: E01



0-0-4303

IBK.NIT

0-0-38100

Adapter Nitto One Touch (externally) - 19 mm Weldon internally



IBK.QTN

Adapter Fein Quick IN (externally) - 19 mm Weldon internally



IBK.14

Adapter 19,05 mm (3/4") Weldon (outer) - 3/8" x 20 UNF (inner)



IBK.16-14

Adapter 19,05 mm Weldon (externally) - B16 Drill chuck connection



IBK.16-14-N

Adapter Nitto One Touch - B16 Drill chuck connection



IBK.16-14-FC

Adapter Fein Quick IN - B16 Drill chuck connection



IBK.3219

Reducing ring from 31,75 mm Weldon shank to 19,05 mm Weldon shank

# Accessories

## PIPE ADAPTER KIT/MACHINE CARRYING CASES

000-5100-000	000-5100-001
	<p>000-5100-000 PAK 100 Pipe Adapter Kit for magnet max. 175 x 85 mm and max. pipe ø 80 - 260 mm. Chain length: 1.5 m.</p> <p>000-5100-001 PAK 200 Pipe Adapter Kit for magnet max. 230 x 110 mm and max. pipe ø 150 - 500 mm. Chain length: 1.5 m.</p> <p>PAK EXT Extension chain 2.5 meter</p>

000-5100-002	000-5100-003
	<p>000-5100-000 CAS.32 Magnetic drilling machine carrying case for ECO 32</p> <p>CAS.32-T Magnetic drilling machine carrying case for ECO 32-T</p> <p>CAS.40/2 Magnetic drilling machine carrying case for ECO 40/2</p> <p>CAS.50 Magnetic drilling machine carrying case for ECO 50</p> <p>CAS.50 T Magnetic drilling machine carrying case for ECO 50 T</p> <p>CAS.FBM Cordless magnetic drilling machine carrying case for FBM 360</p> <p>CAS.CHARGER Carrying case for Battery charger</p>
	<p>CAS.100/8 AR3 machine tray for ECO 80/4 and ECO 100/4</p>

VACUUM ADAPTER KIT

GROUP G7



0-0-4300-3  
DESCRIPTION

VAC.810 Vacuum Adapter kit e 300 mm, including pump



VAC.820 Vacuum Adapter kit eva (clavo system with 2 suction pads) including pump

PERSONAL SAFETY EQUIPMENT

GROUP G9



0-0-1000-3  
DESCRIPTION

SAF.100 Safety goggles

SAF.200 Earplugs

SAF.300 Safety gloves, pig split / cotton, standard EN 388

MEASURING TOOLS

GROUP G5



0-0-3300-3  
DESCRIPTION

PRM.02 Measuring tape (5 meter)

FCS.150 Digital caliper (150 mm length)

# Accessories

## OTHER ACCESSORIES

OTHER ACCESSORIES	OPTIONAL
 The LU 10000R Magic Stick is a magnetic stick designed for cleaning up metal shavings and other metal parts. It features a long, thin, cylindrical magnet at one end and a plunger at the other. The magnet can be used to pick up metal shavings from hard-to-reach spaces, and the plunger allows for safe removal of collected material.	<p><b>ORDERCODE</b> <b>MAGICSTICK</b></p> <p><b>DESCRIPTION:</b> Magnetic stick for cleaning up metal chips, etc. (@ 22 x 400 mm)</p> <p>Simply wave the Magnetic Stick over the metal shavings to pick them up, carry them over to your scrap barrel, pull the plunger and the shavings are neatly deposited.</p> <p>The LU 10000R Magic Stick is strong enough to quickly clean up your biggest mess of metal shavings.</p> <ul style="list-style-type: none"><li>• Easily clean up sharp-edged metal chips, screws and other metal parts</li><li>• Items are safely ejected off of Magic Stick without hand contact</li><li>• Ideal for hard-to-reach spaces</li></ul>

ARTICLE NUMBER	ORDER CODE	CONTENT	PACKAGING	
	IBO.1001 IBO.1050 IBO.1060 IBO.1210	1 liter 5 liter 50 kg 200 kg	12 x 1 liter 4 x 5 liter 1 x 50 kg 1 x 200 kg	Chlorine-free, universal, non-active cutting oil of average viscosity, minimising 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, mm²/s 27,7.
	IBC.2001 IBC.2050 IBC.2060 IBC.2210	1 liter 5 liter 50 kg 200 kg	12 x 1 liter 4 x 5 liter 1 x 50 kg 1 x 200 kg	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 stool content alloys such as stainless steel and chromium/nickel; this oil is not suitable for non-ferrous metals. Kin. viscosity D 445, 40°C, mm²/s 28,2.
	IBO.5001 IBO.5050 IBO.5060 IBO.5210	1 liter 5 liter 50 kg 200 kg	12 x 1 liter 4 x 5 liter 1 x 50 kg 1 x 200 kg	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, mm²/s 12,2.
	MV.4001 MV.4050 MV.4060	1 liter 5 liter 50 liter	12 x 1 liter 4 x 5 liter 1 x 50 kg	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.
	IBC.F.011	400 ml	12 x 400 ml	<ul style="list-style-type: none"> <li>• Lubricates and cools effectively</li> <li>• increases the lifespan of drills and drill heads, even at high speeds</li> <li>• highly suitable as drilling and tapping lubricant for average to difficult work</li> <li>• increases efficiency</li> <li>• ideal for general metal working</li> </ul>
	IBP.5C/2	1 kg	1 x 1 kg	<ul style="list-style-type: none"> <li>• Ideal for working horizontally or upside down</li> <li>• Low grease residue (an advantage when coating/painting)</li> <li>• Heavy-duty version is especially suited to high-quality steel alloys</li> <li>• Stainless steel, Hardox and train rails, for example</li> <li>• Easy to dilute with normal cutting oil (increases machining force)</li> <li>• Paste suitable for all machining, cleaning, calibrating, threading and punching work</li> <li>• Especially suited to types of steel that are difficult to machine</li> </ul>

# EUROBOOR CATALOG



# TAPPING TOOLS

## Machine taps

Euroboor offers an extensive range of standard taps in HSS-Co and HSS-Co Ox material. DIN and ISO design in straight point and spiral flute.

In this section of the Euroboor catalog you will find more detailed information about our machine taps, tap holders and tapping chucks.

### **Steam tempered / Vaporized**

Steam tempered or Vaporized is a special short wave vapour treatment used to create a thin corrosion film. The resulting surface is treated in a special oil bath.

This helps create a blue-black layer on the tool which in the first place offers better rust protection and in the second place can hold on to the lubrication. Any tensions during the process, developed in the grinding phase, are removed entirely during this treatment.

Because as a result of this the so-called cold welding is reduced during the cutting process the metal cutting operation and the tool life of the cutting tool is improved significantly.

# Tapping Tools

## MACHINE TAPS

**WHITE RING** Steam tempered for use in abrasive short chiping applications such as cast iron and stainless steel

DIN371/376

**GREEN RING** For tough non-ferrous metals such as aluminum, zinc, lead, copper, brass and plastic

DIN371/376

MACHINE TAPES	HSS-GO (DIN 376)				
	ORDER CODE	DESCRIPTION	SURFACE	DN	
	910.030C 910.040C 910.050C	Machine tap MC3 Machine tap MC4 Machine tap MC5	HSS-Co (5%) HSS-Co (5%) HSS-Co (5%)	Blank Blank Blank	D371 D371 D371
	910.060C 910.080C 910.100C	Machine tap MC6 Machine tap MC8 Machine tap M10	HSS-Co (5%) HSS-Co (5%) HSS-Co (5%)	Blank Blank Blank	D371 D371 D371
	900.100C 900.120C 900.140C	Machine tap M10 Machine tap M12 Machine tap M14	HSS-Co (5%) HSS-Co (5%) HSS-Co (5%)	Blank Blank Blank	D376 D376 D376
	900.160C 900.180C 900.200C	Machine tap M16 Machine tap M18 Machine tap M20	HSS-Co (5%) HSS-Co (5%) HSS-Co (5%)	Blank Blank Blank	D376 D376 D376
	900.220C 900.240C 900.270C	Machine tap M22 Machine tap M24 Machine tap M27	HSS-Co (5%) HSS-Co (5%) HSS-Co (5%)	Blank Blank Blank	D376 D376 D376
	900.300C	Machine tap M30	HSS-Co (5%)	Blank	D376

ORDER CODE	DESCRIPTION	SURFACE	DN		
	910.030V 910.040V 910.050V	Machine tap N03 Machine tap N04 Machine tap N05	HSS-Co (5%) HSS-Co (5%) HSS-Co (5%)	OX OX OX	D371 D371 D371
	910.060V 910.080V 910.100V	Machine tap N06 Machine tap N08 Machine tap M10	HSS-Co (5%) HSS-Co (5%) HSS-Co (5%)	OX OX OX	D371 D371 D371
	900.100V 900.120V 900.140V	Machine tap M12 Machine tap M14 Machine tap M16	HSS-Co (5%) HSS-Co (5%) HSS-Co (5%)	OX OX OX	D373 D373 D373
	900.160V 900.180V 900.200V	Machine tap M18 Machine tap M20 Machine tap M22	HSS-Co (5%) HSS-Co (5%) HSS-Co (5%)	OX OX OX	D373 D373 D373
	900.220V 900.240V 900.270V	Machine tap M24 Machine tap M27 Machine tap M30	HSS-Co (5%) HSS-Co (5%) HSS-Co (5%)	OX OX OX	D373 D373 D373