

Exceeding customer expectations since 1977





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HSS sets HSS Stack

Our vision

Ever worked with industrial tools which did not deliver on the promised quality and output? Heavy machines which are inconvenient to use and therefore cost both you and your employees a lot of time and effort?

At Euroboor we believe, ever since our founding in 1977, that it can be done differently. That a professional like you must be able to rely on a professional supplier. Which has led us to become a major player in the industrial world, with our own factory and several offices worldwide. All because we have always listened to our customers and to the demands from the market.

Our customers are the ones who use our tools every day. Therefore they are our key indicators when it comes to the development and production. To which the starting point is clear: good is not good enough! Euroboor always goes one step

further. With our production methods and technical approach, it is our goal to develop lighter, stronger and more reliable tools. In addition, we test our tools thoroughly from the start of the development process all the way up to production.

Our vision is focused on developing innovative portable tools that add value for our customers and facilitate them in their daily work. We never lose sight of sustainability, time savings and cost savings. Our mission is always clear: exceeding customer's expectations by developing and providing premium and innovative portable drilling and cutting solutions.



Focus



Quality



Efficiency



Tailor-Made



From development, to extensive prototype testing to producing premium tools

The production of our Magnetic Drilling Machines takes place in our own and highly organized facility where we are able to produce our tools to the highest standards. Having our own facility also means we are able to adapt, evolve and innovate easily and therefore make new developments and tailor-made products available to you quickly.

To be able to develop and provide premium and innovative portable drilling and cutting solutions which exceed our customer expectations we test each and every concept, sample and component to its limits, and beyond. Our own testing facility allows us to extensively test our self-produced prototypes and expose them to all necessary endurance tests.





Sustainability & Ecological awareness



By continuously updating our production process we are able to shorten production times and minimize usage or raw materials, thus consuming and wasting less material which means we reduce our use of natural resources. The use of virgin, but renewable, raw materials during our advanced manufacturing process helps us to develop lighter, stronger and more reliable and efficient tools. Making their practical use clear: faster and more premium results with reduced operating time. This translates directly into reduced energy use, causing less stress on the environment.













	- 0					
Magnetic Drill	ECO.30	ECO.32	ECO.40/2	ECO.40S	ECO.50-T	ECO.50S
Annular cutting	Ø 12 - 30 mm	Ø 12 - 32 mm	Ø 12 - 40 mm	Ø 12 - 40 mm	Ø 12 - 50 mm	Ø 12 - 50 mm
Twist drilling	Ø 1 - 13 mm (Weldon)	Ø 1 - 13 mm	Ø 1 - 13 mm	Ø 1 - 16 mm	Ø 1 - 23 mm	Ø 1 - 23 mm
Countersinking	Ø 10 - 35 mm	Ø 10 - 40 mm	Ø 10 - 45 mm	Ø 10 - 45 mm	Ø 10 - 55 mm	Ø 10 - 55 mm
Threading	n/a	n/a	n/a	n/a	M3 - M20	n/a
Length	275 mm	320 mm	320 mm	264 mm	320 mm	320 mm
Width	190 mm	210 mm	210 mm	180 mm	210 mm	200 mm
Height	293 - 383 mm	370 - 512 mm	395 - 540 mm	360 - 440 mm	385 - 540 mm	445 - 615 mm
Stroke	90 mm	150 mm	150 mm	145 mm	170 mm	170 mm
Weight	8,5 kg	12 kg	12 kg	11,2 kg	13,5 kg	11,2 kg
Magnet (Ixwxh)	160 x 80 x 37 mm	160 x 80 x 42 mm	160 x 80 x 42 mm	160 x 80 x 42 mm	170 x 85 x 48 mm	160 x 80 x 42 mm
Magnetic force	1200 kg	1500 kg	1500 kg	1500 kg	1850 kg	1700 kg
Motor power	900 W	1000 W	1050 W	1150 W	1250 W	1250 W
Total power	950 W	1050 W	1100 W	1200 W	1375 W	1300 W
Speed (no load)	I 775 rpm	I 775 rpm	I 720 rpm II 1300 rpm	I 600 rpm	I 100 - 280 rpm II 185 - 530 rpm	I 315 rpm II 690 rpm
Speed (load)	I 400 rpm (900 W)	I 440 rpm (1000 W)	I 315 rpm (1050 W) II 560 rpm (1050 W)	I 380 rpm (1150 W)	I 250 rpm (1250 W) II 460 rpm (1250 W)	I 235 rpm (1250 W) II 415 rpm (1250 W)
Spindle (Weldon)	19,05 mm	19,05 mm	19,05 mm	19,05 mm	MT2 19,05 mm	MT3 19,05 mm
Power source	110 - 120 V / 220 - 24	0 V / 50 - 60 Hz	450			







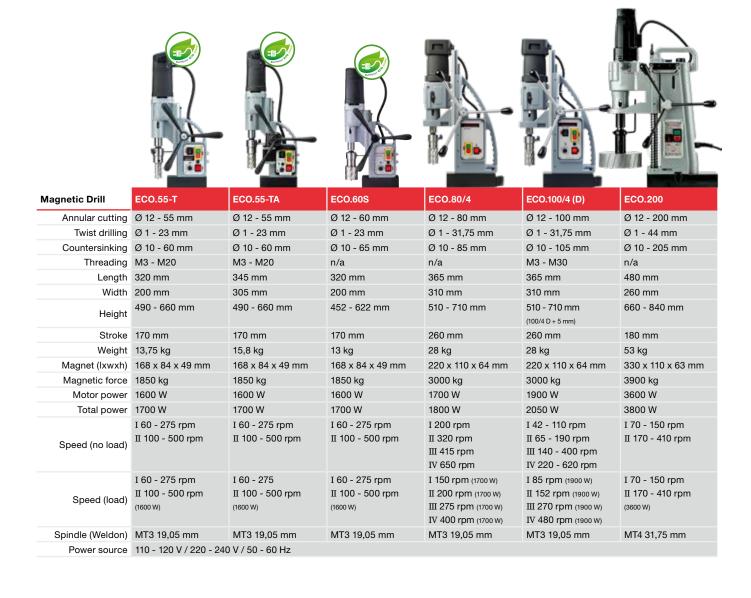






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pecials	F16	TUBE.30	TUBE.55-T	ECO.36	EBM.360	AIR.52/3
Annular cutting	n/a	Ø 12 - 30 mm	Ø 12 - 55 mm	Ø 12 - 36 mm	Ø 12 - 36 mm	Ø 12 - 52 mm
Twist drilling	Ø 1 - 16 mm*	Ø 1 - 13 mm (Weldon)	Ø 1 - 23 mm	Ø 1 - 14 mm (Weldon)	Ø 1 - 13 mm	Ø 1 - 13 mm
Countersinking	n/a*	Ø 10 - 35 mm	Ø 10 - 60 mm	Ø 10 - 40 mm	Ø 10 - 40 mm	Ø 10 - 40 mm
Threading	n/a	n/a	M3 - M20	n/a	n/a	n/a
Length	310 mm	275 mm	320 mm	310 mm	297 mm	340 mm
Width	170 mm	185 mm	210 mm	135 mm	112 mm	250 mm
Height	325 - 495 mm	326 - 416 mm	523 - 693 mm	165 mm	420 - 610 mm	560 mm
Stroke	170 mm	90 mm	170 mm	40 mm	230 mm	120 mm
Weight	7,5 kg	11 kg	17,6 kg	10,3 kg	15 kg	13 kg
Magnet (Ixwxh)	160 x 80 x 36 mm	187 x 165 x 83 mm	266 x 239 x 82 mm	160 x 80 x 37 mm	160 x 80 x 42 mm	220 x 75 x 48 mm
Magnetic force	1200 kg	532 kg	860 kg	1200 kg	1700 kg	1000 kg
Motor power	n/a*	900 W	1600 W	1050 W	1300 W DC	n/a
Total power	n/a*	950 W	1700 W	1100 W	1350 W DC	n/a
Speed (no load)	n/a*	I 775 rpm	I 60 - 275 rpm II 100 - 500 rpm	I 700 rpm	I 506 rpm	I 400 rpm
Speed (load)	n/a*	I 400 rpm (900 w)	I 60 - 275 rpm II 100 - 500 rpm (1600 W)	I 400 rpm (1050 W)	I 375 rpm (1300 w)	-
Spindle (Weldon)	n/a*	19,05 mm	MT3 19,05 mm	19,05 mm	19,05 mm	MT3 19,05 mm
Power source	110 - 120 V / 220 - 240	0 V / 50 - 60 Hz			37 V Battery 7.6 Ah li-ion	Air, min. 6,3 bar (90 PSI) 0,9 m³/mi

^{*} Hand drill dependable



Euroboor

Magnetic Drilling Machines

Our Magnetic Drilling Machines are designed and engineered to the highest standards. With our many years of experience we dare to say that we know what you need. We stay in charge of today's and tomorrow's demands by being active in the field and remaining in close contact with the people that actually use our machines.

We develop, design, engineer and produce our Magnetic Drilling Machines in house. We only use the best and most trustworthy suppliers or we roll up our sleeves and produce the required parts ourselves. The same applies for all our drills and cutters.

Every stage in the production process is subjected to stringent durability tests, and pre-shipment inspections are equally meticulous. Only thus can we ensure you our core values: Quality, Focus, Efficiency and Tailor-made.

We pride ourselves on our line-up of Magnetic Drilling Machines ranging from small scale fabrication to special purposes and designed to offer you the best possible options. Regardless of your company size, specialism or tasks at hand, you will find the perfect match at Euroboor.







Drilling machines

Small scale fabrication

ECO.30



Watch our machines in action on: www.youtube.com/euroboorby

- Lightest corded Ø 30 mm Magnetic Drilling Machine:
 - Most compact in class
 - Incredibly easy to handle
- Direct spindle drive and integrated tool cooling and lubrication
- Integrated slide and one-speed gearbox for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined magnet

Key specs:





kg

8,5

weight



Ø 13 mm twist drilling



900 W motor power



1200 magnet force



Lightest corded Ø 30 mm Mag Drill in the market

Technical data	
Annular cutting	Ø 12 - 30 mm
Twist drilling (Weldon)	Ø 1 - 13 mm
Countersinking	Ø 10 - 35 mm
Length	275 mm
Width	190 mm
Height	293 - 383 mm
Stroke	90 mm
Weight	8,5 kg
Magnet (I x w x h)	160 x 80 x 37 mm
Magnetic force	1200 kg
Motor power	900 W
Total power	950 W
Speed (no load)	I 775 rpm
Speed (load 900 W)	I 400 rpm
Spindle (Weldon)	19,05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
Voltage	220 - 240 V / 50 - 60 Hz





Ø 32 mm

annular cutting



12 weight



Ø 13 mm twist drilling



1000 W motor power



countersinking



1500 magnet force





ECO.32



Watch our machines in action on: www.youtube.com/euroboorby

- One-speed gearbox
- Detachable spindle drive and integrated tool cooling and lubrication
- High precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined magnet

Technical data	
Annular cutting	Ø 12 - 32 mm
Twist drilling	Ø 1 - 13 mm
Countersinking	Ø 10 - 40 mm
Length	320 mm
Width	210 mm
Height	370 - 512 mm
Stroke	150 mm
Weight	12 kg
Magnet (I x w x h)	160 x 80 x 42 mm
Magnetic force	1500 kg
Motor power	1000 W
Total power	1050 W
Speed (no load)	I 775 rpm
Speed (load 1000 W)	I 440 rpm
Spindle (Weldon)	19,05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
Voltage	220 - 240 V / 50 - 60 Hz

Drilling machines

Big scale fabrication

ECO.40/2



Watch our machines in action on: www.youtube.com/euroboorbv

- Particularly suitable for twist drilling
- Detachable spindle drive and integrated tool cooling and lubrication
- Integrated slide and two-speed gearbox for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined magnet

Key specs:



Ø 40 mm

kg

12

weight

annular cutting



Ø 13 mm twist drilling



1050 W

motor power



Ø 45 mm countersinking



1500 magnet force



Specially designed for twist drilling

Technical data	
Annular cutting	Ø 12 - 40 mm
Twist drilling	Ø 1 - 13 mm
Countersinking	Ø 10 - 45 mm
Length	320 mm
Width	210 mm
Height	395 - 540 mm
Stroke	150 mm
Weight	12 kg
Magnet (I x w x h)	160 x 80 x 42 mm
Magnetic force	1500 kg
Motor power	1050 W
Total power	1100 W
Speed (no load)	I 720 rpm
Speed (110 load)	II 1300 rpm
Speed (load 1050 W)	I 315 rpm
Speed (load 1030 W)	II 560 rpm
Spindle (Weldon)	19,05 mm (3/4")
Voltago	110 - 120 V / 60 Hz
Voltage	220 - 240 V / 50 - 60 Hz



Shown extras not included.



Ø 40 mm

annular cutting



11,2







Ø 16 mm twist drilling

1150 W

motor power



Ø 45 mm









stroke

Lightest Ø 40 mm Mag Drill in the market



ECO.40S



Watch our machines in action on: www.youtube.com/euroboorby

- Lightest Ø 40 mm Magnetic Drilling Machine
- Fits cutters up to 110 mm DoC
- High Efficiency motor with less heath generation
- High accuracy capstan hub
- Direct spindle drive and integrated tool cooling and lubrication
- Integrated slide and one-speed oil lubricated gearbox for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined magnet



Optimized motor efficiency and lifetime of key components due to oil lubricated gearbox

Technical data	
Annular cutting	Ø 12 - 40 mm
Twist drilling	Ø 1 - 16 mm
Countersinking	Ø 10 - 45 mm
Length	264 mm
Width	180 mm
Height	360 - 440 mm
Stroke	145 mm
Weight	11,2 kg
Magnet (I x w x h)	160 x 80 x 42 mm
Magnetic force	1500 kg
Motor power	1150 W
Total power	1200 W
Speed (no load)	I 600 rpm
Speed (load 1150 W)	I 380 rpm
Spindle (Weldon)	19,05 mm (3/4")
Valle	110 - 120 V / 60 Hz
Voltage	220 - 240 V / 50 - 60 Hz

Drilling machines

Big scale fabrication

ECO.50-T



Watch our machines in action on: www.youtube.com/euroboorby

- Particularly suitable for tapping
- Two-speed gearbox
- Right/left functionality and electronic speed adjustment
- Heat protection
- Morse Taper 2 spindle with integrated tool cooling and lubrication
- High precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined magnet

Key specs:



Ø 50 mm

annular cutting



13,5 weight

kg



adjustable speed



Ø 23 mm twist drilling



1250 W motor power



right / left rotation



Ø 55 mm countersinking



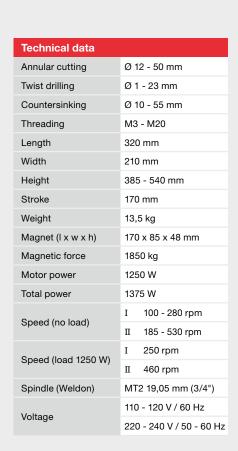
1850 magnet force



M20 threading



170 mm







Ø 50 mm





11,2 weight



gearbox



Ø 23 mm twist drilling

1250 W

motor power



1700 magnet force



ECO.50S



Watch our machines in action on: www.youtube.com/euroboorby

- High accuracy capstan hub
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Integrated slide and two-speed oil lubricated gearbox for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined magnet



Optimized motor efficiency and lifetime of key components due to oil lubricated gearbox

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Technical data	
Annular cutting	Ø 12 - 50 mm
Twist drilling	Ø 1 - 23 mm
Countersinking	Ø 10 - 55 mm
Length	320 mm
Width	200 mm
Height	445 - 615 mm
Stroke	170 mm
Weight	11,2 kg
Magnet (I x w x h)	160 x 80 x 42 mm
Magnetic force	1700 kg
Motor power	1250 W
Total power	1300 W
Speed (no load)	I 315 rpm
Speed (110 load)	II 690 rpm
Speed (load 1250 W)	I 235 rpm
Speed (load 1250 W)	II 415 rpm
Spindle (Weldon)	MT3 19,05 mm (3/4")
Valtage	110 - 120 V / 60 Hz
Voltage	220 - 240 V / 50 - 60 Hz





Big scale fabrication

ECO.55-T



Watch our machines in action on: www.youtube.com/euroboorby

- Digital display showing ideal power usage
- Smart Restart technology
- Particularly suitable for threading
- Right/left functionality and electronic speed adjustment
- Easily accessible auto shut-off carbon brushes
- High accuracy capstan hub
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Integrated slide and two-speed oil lubricated gearbox for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined magnet



Optimized motor efficiency and lifetime of key components due to oil lubricated gearbox

Technical data		
Annular cutting	Ø 12 - 55 mm	
Twist drilling	Ø 1 - 23 mm	
Countersinking	Ø 10 - 60 mm	
Threading	M3 - M20	
Length	320 mm	
Width	200 mm	
Height	490 - 660 mm	
Stroke	170 mm	
Weight	13,75 kg	
Magnet (I x w x h)	168 x 84 x 49 mm	
Magnetic force	1850 kg	
Motor power	1600 W	
Total power	1700 W	
Speed (no load)	I 60 - 275 rpm	
Speed (110 load)	II 100 - 500 rpm	
Speed (load 1600 W)	I 60 - 275 rpm	
Speed (load 1000 W)	II 100 - 500 rpm	
Spindle (Weldon)	MT3 19,05 mm (3/4")	
Voltage	110 - 120 V / 60 Hz	
voitage	220 - 240 V / 50 - 60 Hz	

Key specs:



Ø 55 mm





13,75 weight



right / left rotation



Smart Restart



Ø 23 mm twist drilling



1600 W motor power



oil lubricated aearbox



Ø 60 mm countersinking



1850 magnet force



digital readout display



M20 threading



170 mm



t LED load indicators





Ø 55 mm annular cutting



15,8

weight



right / left rotation



Smart Restart



Ø 23 mm twist drilling



1600 W motor power



oil lubricated gearbox



Ø 60 mm countersinking

1850

magnet force

DIG

digital readout

display







170 mm

stroke



LED load indicators



automatic feed and return





Watch our machines in action on: www.youtube.com/euroboorby

- Automatic drill functionality with automatic return (for annular cutting)
- Digital display showing ideal power usage
- Smart Restart technology
- Particularly suitable for threading
- Right/left functionality and electronic speed adjustment
- Easily accessible auto shut-off carbon brushes
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Integrated slide and two-speed oil lubricated gearbox for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined magnet



Optimized motor efficiency and lifetime of key components due to oil lubricated gearbox

Technical data		
Annular cutting	Ø 12 - 55 mm	
Twist drilling	Ø 1 - 23 mm	
Countersinking	Ø 10 - 60 mm	
Threading	M3 - M20	
Length	345 mm	
Width	305 mm	
Height	490 - 660 mm	
Stroke	170 mm	
Weight	15,8 kg	
Magnet (I x w x h)	168 x 84 x 49 mm	
Magnetic force	1850 kg	
Motor power	1600 W	
Total power	1700 W	
Conned (see least)	I 60 - 275 rpm	
Speed (no load)	II 100 - 500 rpm	
Speed (load 1600W)	I 60 - 275 rpm	
Speed (load 1600W)	II 100 - 500 rpm	
Spindle (Weldon)	MT3 19,05 mm (3/4")	
Voltage	110 - 120 V / 60 Hz	
voltage	220 - 240 V / 50 - 60 Hz	

Drilling machines

Big scale fabrication

ECO.60S



Watch our machines in action on: www.youtube.com/euroboorbv

- Electronic speed adjustment
- Heat protection
- High accuracy capstan hub
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Integrated slide and two-speed oil lubricated gearbox for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High precision height adjustment for:
 - Low maintenance
- Strong dual coil CNC machined magnet



Optimized motor efficiency and lifetime of key components due to oil lubricated gearbox

Technical data Annular cutting Ø 12 - 60 mm Twist drilling Ø 1 - 23 mm Countersinking Ø 10 - 65 mm Length 320 mm Width 200 mm Height 452 - 622 mm Stroke 170 mm Weight 13 kg Magnet (I x w x h) 168 x 84 x 49 mm Magnetic force 1850 kg Motor power 1600 W 1700 W Total power 60 - 275 rpm Speed (no load) 100 - 500 rpm 60 - 275 rpm Speed (load 1600 W) 100 - 500 rpm MT3 19,05 mm (3/4") Spindle (Weldon) 110 - 120 V / 60 Hz Voltage 220 - 240 V / 50 - 60 Hz

Key specs:



Ø 60 mm

annular cutting

kg

13

weight



Ø 23 mm twist drilling



countersinking



1600 W motor power



1850 magnet force



stroke



heat protection



oil lubricated gearbox











28 weight



Ø 31,75 mm





1700 W motor power



countersinking

3000 magnet force



260 mm stroke





Watch our machines in action on: www.youtube.com/euroboorbv

- Four-speed gearbox
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Strong dual coil CNC machined magnet

ECO.80/4

Technical data	
Annular cutting	Ø 12 - 80 mm
Twist drilling	Ø 1 - 31,75 mm
Countersinking	Ø 10 - 85 mm
Length	365 mm
Width	310 mm
Height	510 - 710 mm
Stroke	260 mm
Weight	28 kg
Magnet (I x w x h)	220 x 110 x 64 mm
Magnetic force	3000 kg
Motor power	1700 W
Total power	1800 W
	I 200 rpm
Speed (no load)	II 300 rpm
Speed (no load)	III 415 rpm
	IV 650 rpm
	I 150 rpm
Speed (load 1700 W)	II 200 rpm
Speed (load 1700 W)	III 275 rpm
	IV 400 rpm
Spindle (Weldon)	MT3 19,05 mm (3/4")*
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

^{*}Optional with 31,75 mm

Heavy scale fabrication

ECO.100/4(D)



Watch our machines in action on: www.youtube.com/euroboorbv

ECO.100/4 and ECO.100/4 D

- Four-speed gearbox
- Particularly suitable for threading
- Right/left functionality and electronic speed adjustment
- Torque control on motor house
- Heat protection
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Strong dual coil CNC machined magnet

ECO.100/4 D

• Precise positioning swivel base

Technical data Annular cutting Ø 12 - 100 mm Twist drilling Ø 1 - 31,75 mm Countersinking Ø 10 - 105 mm Threading M3 - M30 365 mm Length Width 310 mm 510 - 710 mm (100/4) Height 515 - 715 mm (100/4 D) Stroke 260 mm Weight 28 kg Magnet (I x w x h) 220 x 110 x 64 mm Magnetic force 3000 kg Motor power 1900 W Total power 2050 W 42 - 110 rpm 65 - 190 rpm Speed (no load) 140 - 400 rpm 220 - 620 rpm T 85 rpm 152 rpm Speed (load 1900 W) 270 rpm 480 rpm Spindle (Weldon) MT3 19,05 mm (3/4") 110 - 120 V / 60 Hz Voltage 220 - 240 V / 50 - 60 Hz

Key specs:









Ø 100 mm

annular cutting

Ø 31,75 mm twist drilling

Ø 105 mm countersinking

M30 threading









28

weight

1900 W motor power

3000 magnet force





adjustable speed



control





heat protection

right / left rotation







Ø 200 mm

annular cutting



53 weight



Ø 44 mm





3600 W

motor power



countersinking



3900 magnet force



180 mm stroke





Watch our machines in action on: www.youtube.com/euroboorby

- Two-speed gearbox
- Integrated tool cooling and lubrication tank and fluid level indication
- Integrated safety strap and lifting
- High precision tubular rail balancer
- Progressive feed assist
- Morse Taper 4 spindle
- Strong triple coil CNC machined magnet

And the first interest and transfer	
ELEGROOP TOO. DR	

Technical data	
Annular cutting	Ø 12 - 200 mm
Twist drilling	Ø 1 - 44 mm
Countersinking	Ø 10 - 205 mm
Length	480 mm
Width	260 mm
Height	660 - 840 mm
Stroke	180 mm
Weight	53 kg
Magnet (I x w x h)	330 x 110 x 63 mm
Magnetic force	3900 kg
Motor power	3600 W
Total power	3800 W
Speed (no load)	I 70 - 150 rpm
	II 170 - 410 rpm
Speed (load 3600 W)	I 70 - 150 rpm
	II 170 - 410 rpm
Spindle (Weldon)	MT4 31,75 mm (1 1/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz







weight







magnet force



F16



Watch our machines in action on: www.youtube.com/euroboorby

- Perfect solution for high precision small diameter drilling tasks
- 43 mm Euro collar connection (optional 33 mm and 38 mm filler rings included)
- Safe and easy rear mounted socket
- High accuracy capstan hub
- High precision height adjustment for:
 - Low maintenance
 - Minimal wear correction
- Strong dual coil CNC machined magnet



Mounted hand drilling machine not included

Suitable for your favorite hand drilling machine

Technical data	
Twist drilling	Ø 1 - 16 mm*
Length	310 mm
Width	170 mm
Height	325 - 495 mm
Stroke	170 mm
Weight	7,5 kg
Magnet (I x w x h)	160 x 80 x 36 mm
Magnetic force	1200 kg
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

^{*}Hand drill dependable



Drilling high precision holes in steel tubes and pipes has always been a hassle. Until now! "Position and use" is what you expect of a portable power tool. Forget about the time consuming process of clamping all kinds of pipe adapters to your work piece.

Meet our TUBE-serie, an innovative generation Magnetic Drilling Machines specifically designed for drilling on curved material. By joining forces with Magswitch, technology leader in switchable magnetic technology, we have been able to develop a concept that instantly

addresses, and drastically improves work efficiency in the pipe industry. Not only will these Magnetic Drilling Machines help you save time. Its strong, powerful and sturdy design will also actively enable you to drill holes as fast as possible.



Safe

Magnets require no electric power and will not release in the event of a power failure.

Light

Both machines are extremely light. TUBE.30 - 11 kg TUBE.55-T - 17,6 kg

Strong

Maintains strong grip on thin steel. Minimal thickness of 3 mm.

Easy to use

Automatically conform to any pipe Ø 75 mm or larger in diameter.

Efficient

One tool for flat or round surfaces without the need for expensive adapters – save time and money.

Specials

TUBE.30



Watch our machines in action on: www.youtube.com/euroboorby

- High accuracy capstan hub
- Direct spindle drive and integrated tool cooling and lubrication
- Integrated slide and one-speed gearbox for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High precision height adjustment for:
 - Low maintenance
 - Minimal wear correction

Key specs:



Ø 30 mm annular cutting

kg

11

weight







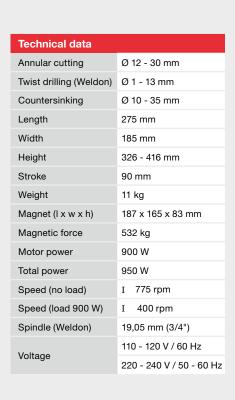


Ø 35 mm countersinking



532 magnet force









Ø 55 mm





weight



oil lubricated gearbox



Ø 23 mm twist drilling



1600 W motor power



digital readout display



Ø 60 mm countersinking



860 magnet force



LED load indicators





threading

170 mm

stroke

Restart



TUBE.55-T



Watch our machines in action on: www.youtube.com/euroboorby

- Digital display showing ideal power
- Smart Restart technology
- Particularly suitable for threading
- Electronic speed adjustment
- Easily accessible auto shut-off carbon brushes
- High accuracy capstan hub
- Morse Taper 3 spindle with integrated tool cooling and lubrication
- Integrated slide and two-speed oil lubricated gearbox for:
 - High accuracy
 - Enlarged lifecycle
 - Minimal vibration
- High precision height adjustment for:
 - Low maintenance
 - Minimal wear correction



Optimized motor efficiency and lifetime of key components due to oil lubricated gearbox

Technical data	
Annular cutting	Ø 12 - 55 mm
Twist drilling	Ø 1 - 23 mm
Countersinking	Ø 10 - 60 mm
Threading	M3 - M20
Length	320 mm
Width	210 mm
Height	523 - 693 mm
Stroke	170 mm
Weight	17,6 kg
Magnet (I x w x h)	266 x 239 x 82 mm
Magnetic force	860 kg
Motor power	1600 W
Total power	1700 W
Speed (no load)	I 60 - 275 rpm
	II 100 - 500 rpm
Speed (load 1600 W)	I 60 - 275 rpm
	II 100 - 500 rpm
Spindle (Weldon)	MT3 19,05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

Specials

ECO.36



Watch our machines in action on: www.youtube.com/euroboorby

- One-speed gearbox
- User friendly Quick-Connect cutter fitment system
- Integrated motor cable, carrying handle and safety strap attachment
- Left and right mount ability of detachable ratchet feed handle
- Integrated tool cooling and lubrication
- Removable and slideable safety guard
- Lubrication bottle with magnet attachment
- Strong dual coil CNC machined magnet

Lowest machine in the market



165 mm

Technical data	
Annular cutting	Ø 12 - 36 mm
Twist drilling (Weldon)	Ø 1 - 14 mm
Countersinking	Ø 10 - 40 mm
In-corner drilling 0°	50 mm center to edge
90°	53 mm center to edge
45°	60 mm center to edge
Length	310 mm
Width	135 mm
Height	165 mm
Stroke	40 mm
Weight	10,3 kg
Magnet (I x w x h)	160 x 80 x 37 mm
Magnetic force	1200 kg
Motor power	1050 W
Total power	1100 W
Speed (no load)	I 700 rpm
Speed (load 1050 W)	I 400 rpm
Spindle (Weldon)	19,05 mm (3/4")
Voltage	110 - 120 V / 60 Hz
	220 - 240 V / 50 - 60 Hz

Key specs:



Ø 36 mm annular cutting

kg

50 mm

in-corner drilling



Ø 14 mm twist drilling



Ø 40 mm countersinking



10,3 weight



1050 W motor power



1200 magnet force





165 mm machine height





Ø 36 mm

annular cutting



15 weight

Ø 13 mm

1300 W DC motor power



1700 magnet force



countersinking



230 mm

stroke

Watch our machines in action on: www.youtube.com/euroboorby

EBM.360

- Powerful battery with charger
- Powerful high torque DC motor
- Multi-level electronic protection for optimal safety
- Extremely short battery charging time
- Detachable spindle and integrated tool cooling and lubrication
- High precision height adjustment for:

 - Minimal wear correction
- Strong dual coil CNC machined magnet





From 0% to 75% battery charge takes less than 20 minutes! Battery charge 75% to 100% takes 70 minutes.

Technical data	
Annular cutting	Ø 12 - 36 mm
Twist drilling	Ø 1 - 13 mm
Countersinking	Ø 10 - 40 mm
Length	297 mm
Width	112 mm
Height	420 - 610 mm
Stroke	230 mm
Weight	15 kg
Magnet (I x w x h)	160 x 80 x 42 mm
Magnetic force	1700 kg
Motor power	1300 W DC
Total power	1350 W DC
Speed (no load)	I 506 rpm
Speed (load 1300 W)	I 375 rpm
Spindle (Weldon)	19,05 mm (3/4")
Power source	37 V Battery 7.6 Ah li-ion

Specials

AIR.52/3



Watch our machines in action on: www.youtube.com/euroboorby

- Air powered motor system
- Automatic cooling system
- Spark-free (explosion-safe) motor
- Anti-static heavy scale fabrication
- Failsafe permanent magnet system
- Low noise

Key specs:





kg

13

weight



Ø 13 mm twist drilling



countersinking

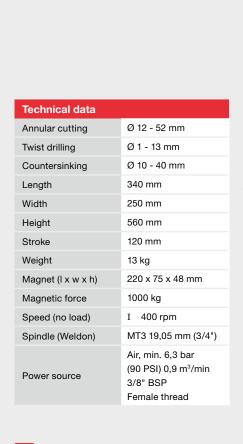


min. 6,3 bar 90 PSI

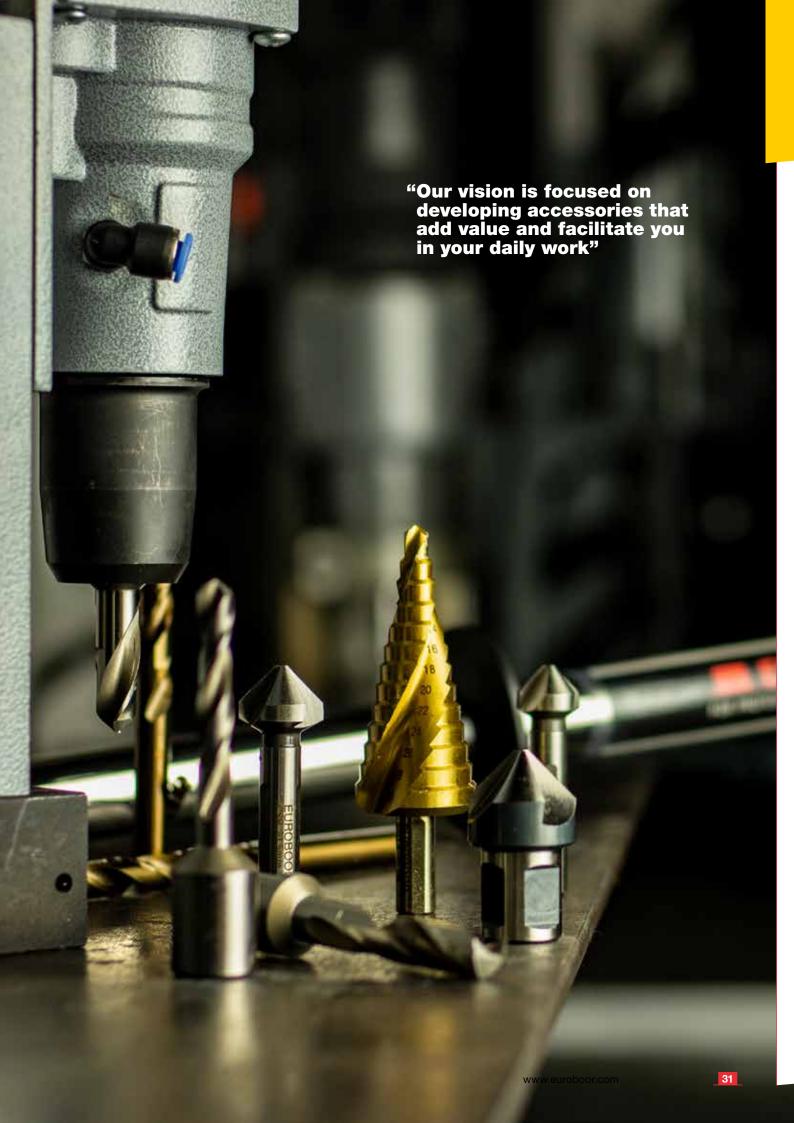


1000 magnet force









Accessories

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

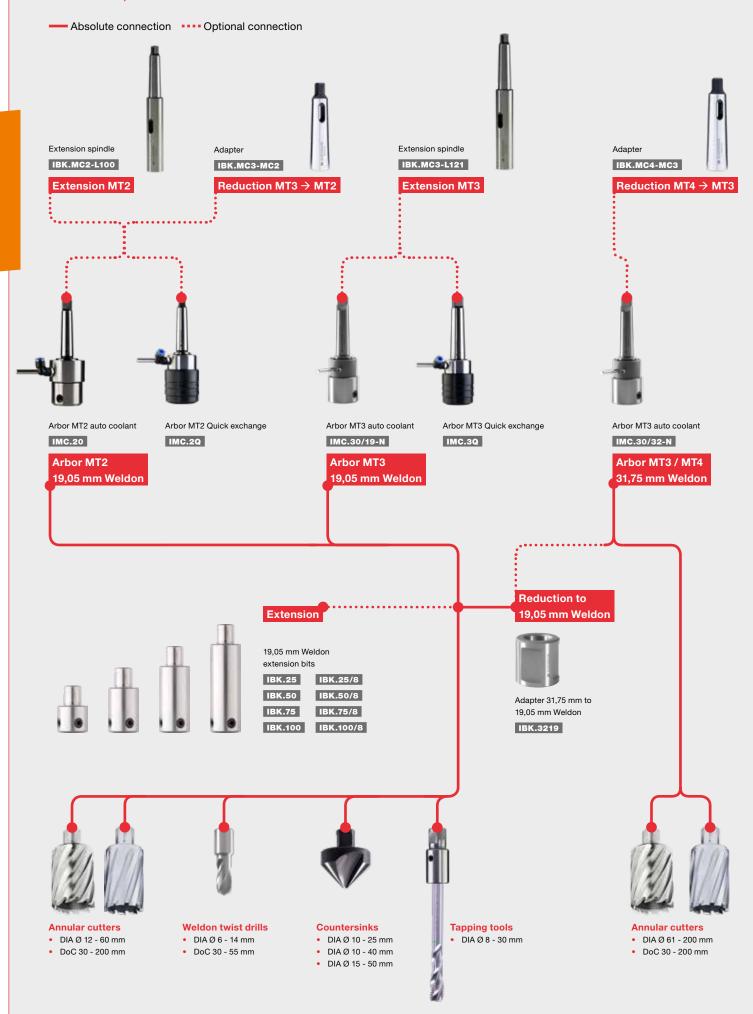
After more than 40 years of practical experience we dare to say we are familiar with most challenges that you may encounter. Euroboor accessories have been developed for direct practical solutions and comfort at work. Non-magnetic base, horizontal drilling or lack of space, you can proceed undisrupted at all times.

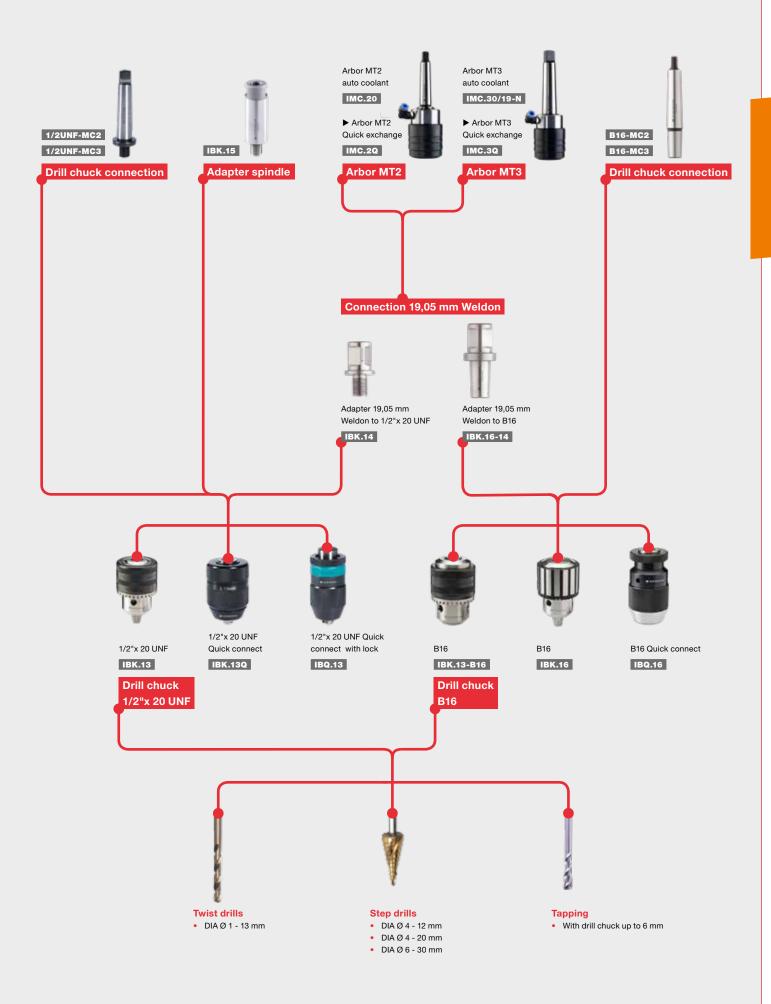
Our accessories are professional solutions that are specifically designed for and tuned to your activities.

Practical solutions for comfort at work



Weldon setup overview





Adapters

Pipe Adapter kit

- Suitable for tube diameter from Ø 35 mm up to 550 mm
- Suitable for all Euroboor Magnetic Drilling Machines (except ECO.200 & TUBE serie)
- Suitable for almost all drilling machines in the market (for universal use)

Sizing PAK.250

Lenght: 286 mm Width: 268 mm Height: 96 mm

Sizing inside plate

Lenght: 265 mm Width: 112 mm Height: 14 mm

Weight

12,5 kg

PAK.250





Vacuum Adapter kit Ø 300 mm

including pump

Sizing: Ø 300 mm

VAC.810

Vacuum Adapter kit oval

Clamp system with 2 suction pads including pump

• Sizing: 450 x 250 mm

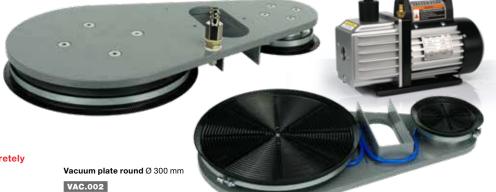
VAC.820

Components also available separetely

Vacuum pump

- Power: 1/2 hp
- Inlet port: 1/4" flare & 3/8" flare
- Ultimate vacuum: 3x10⁻¹ Pa, 25 microns
- Flow rate: 5 CFM, 142 I/min (110V)
 - 4,5 CFM, 128 I/min (220V)
- Voltage: 110 120 V / 220 240 V / 50 60 Hz

VAC.001



Vacuum plate oval Ø 450 x 250 mm

VAC.003

Extensions



Extension Weldon 25 mm

19,05 mm (3/4") Weldon, 25 mm (1") extension, outer Ø 35 mm (1 3/8") For 6,35 mm (1/4") pilot pins

IBK.25

For 8 mm (5/16") pilot pins

IBK.25/8



Extension Weldon 75 mm

19,05 mm (3/4") Weldon, 75 mm (2 15/16") extension, outer Ø 35 mm (1 3/8") For 6,35 mm (1/4") pilot pins

IBK.75

For 8 mm (5/16") pilot pins

IBK.75/8



Extension Weldon 50 mm

19,05 mm (3/4") Weldon, 50 mm (2") extension, outer Ø 35 mm (1 3/8") For 6,35 mm (1/4") pilot pins

IBK.50

For 8 mm (5/16") pilot pins

IBK.50/8



Extension Weldon 100 mm

19,05 mm (3/4") Weldon, 100 mm (3 15/16") extension, outer Ø 35 mm (1 3/8") For 6,35 mm (1/4") pilot pins

IBK.100

For 8 mm (5/16") pilot pins

IBK.100/8



Connections



Adapter Nitto One Touch

(external) to 19,05 mm (3/4") Weldon (internal)



Adapter Fein Quick-In

(external) to 19,05 mm (3/4") Weldon (internal)

IBK.QFN



Adapter 19,05 mm Weldon

(external) to 1/2" x 20 UNF

IBK.14



Adapter 19,05 mm Weldon

(external) to B16 Drill chuck connection

IBK.16-14



Reduction ring

31,75 mm (1 1/4") Weldon (external) to 19,05 mm (3/4") Weldon (internal)

IBK.3219



Morse Taper reductions



Morse Taper reduction

MT3 (machine) to MT2 (tool holder)

IBK.MC3-MC2



Morse Taper reduction

MT4 (machine) to MT3 (tool holder)

IBK.MC4-MC3

IBK.MC2-L100 MT3 - 250 mm

MT2 - 100 mm

extension

MT2 - MT2

extension MT3 - MT3

IBK.MC3-L250

MT3 - 121 mm extension MT3 - MT3

IBK.MC3-L121

MT3 - 450 mm extension MT3 - MT3

IBK.MC3-L450







IMC.30/19-N / IMC.30/32-N

MC.2 / MC.3

Arbor MT2 - 19,05 mm (3/4") Weldon

For cutters Ø 12 - 60 mm

MC.2

Arbor MT2 - 19,05 mm (3/4") Weldon

Including lubrication ring

IMC.20

Auto Arbor MT2 - 19,05 mm (3/4") Weldon

Including lubrication ring

Quick exchange, Weldon connection

IMC.2Q

Arbor MT3 - 19,05 mm (3/4") Weldon

For cutters Ø 12 - 60 mm

MC.3

Arbor MT3 - 19,05 mm (3/4") Weldon

Including lubrication ring

IMC.30/19-N

Auto Arbor MT3 - 19,05 mm (3/4") Weldon

Including lubrication ring

Quick exchange, Weldon connection

IMC.3Q

Arbor MT3 - 31,75 mm (1 1/4") Weldon

For cutters Ø 61 - 100 mm

MC.3/32

Arbor MT3 - 31,75 mm (1 1/4") Weldon

Including lubrication ring

IMC.30/32-N

Arbor MT4 - 31,75 mm (1 1/4") Weldon

Including lubrication ring

IMC.40/32-N





Before and after assembly of a shorter extension adapter IBK.15 for use with drill chucks.

Benefit: increases space for twist drills

IBK.15 with a drill chuck IBQ.13 for illustration purpose

Adapter 1/2" x 20 UNF (external) to 1/2" x 20 UNF

(external) to 1/2" x 20 UNF (internal) extension adapter for drill chucks fitting length 65 mm

IBK.15

Drill chuck connections



Morse Taper 2 to B16

Spindle connection

B16-MC2

Morse Taper 2 to B18

Spindle connection

B18-MC2



Morse Taper 3 to B16

Spindle connection

B16-MC3

Morse Taper 3 to B18

Spindle connection

B18-MC3



Morse Taper 2 to 1/2" x 20 UNF

Spindle connection
1/2UNF-MC2



Morse Taper 3 to 1/2" x 20 UNF

Spindle connection

1/2UNF-MC3

Twist drill chucks



Drill chuck

DIA Ø 1,5 - 13 mm, 1/2" x 20 UNF connection

IBK.13



Keyless drill chuck

DIA Ø 2 - 13 mm 1/2" x 20 UNF connection

IBK.13Q



Drill chuck

DIA Ø 1,5 - 13 mm B16 connection

IBK.13-B16



Drill chuck

DIA Ø 1,5 - 16 mm B16 connection

IBK.16



Drill chuck Quick connect

DIA Ø 1,5 - 13 mm 1/2" x 20 UNF connection

IBQ.13



Drill chuck Quick connect

DIA Ø 1,5 - 16 mm

B16 connection

IBQ.16

The IBQ.13 and IBQ.16 Quick connect drill chucks are keyless, three-jaw, self-centering chucks that hold drill bits in place during drilling tasks. They can be used with Magnetic Drilling Machines together with Euroboor accessories like IBK.14, IBK.15 and 1/2" x 20 UNF Morse Taper.

Cutting lubricants

Euroboor spends a lot of time and effort on pushing boundaries to make your drilling process far more efficient. This continuous research and development is reflected in superior quality Magnetic Drilling Machines, annular cutters and all other kinds of tools and accessories. While this lays the basis for optimum drilling and cutting performance, there is also the hugely important, often underestimated, factor of proper cooling and lubrication.

However sharp, stable or fast a cutting tool may be, working with metal is a demanding job which generates friction and heat, impacting end result, processing time and durability.

Lubrication

A suitable lubricant will reduce friction greatly. The tool will set itself much better and will generate less vibrations. A smoother operation means less power needs to be put into the job, the finished result will be more precise and operation time can be reduced by up to 30%.

Cooling

Processing metals can, as generally known, produce a lot of heat. Overheating can have serious negative effects on the behaviour of the workpiece and tool, and thus the overall performance. The result is generally an increased processing time, but not being

able to complete the job might even be possible as well. Inappropriate cooling can lead to specific issues, such as unreliable slug ejection when working with annular cutters.

Protection

For example, think about the discolouration of your metal workpiece or about the sizing accuracy of drilled holes after cooling down. When pushing your cutting tools fast and hard, burning them up might even be possible quicker than you would have imagined. With the use of appropriate lubrication and cooling you are able to actively protect the workpiece and used tools.

Durability

Making sure a cutting tool is able to perform smoothly and constantly by proper cooling and lubrication will increase its functional life significantly. Taking annular cutting as an example, both the drilling machine and cutter will benefit from the drastically reduced stress. Depending on circumstances, an annular cutter can last up to 5 times longer when properly taken care of during operation!

Our offering

Euroboor offers a wide range of well-considered cooling and lubrication products to match your requirements. If you are processing high-tensile strength stainless steel or need to cut a plain aluminium bar, create large-bore holes or prepare a fine-coarse thread, whether working on a drilling line or in difficult spots on location, we can help you out with just the right lubricant.

The use of appropriate cutting lubricant adds value to your business operation

- Higher quality workpiece finishing
- Minimized tool wear and replacement
- Reduced processing time & lower operation cost

Materia	al applica	ation	Optimal C	Good	Possible										
	Material	Plastics GRP/ CRP	Brass, Copper, Tin	Grey cast iron	Steel	Steel					Stainless steel		Aluminum		Rails
Oil					< 500N	< 750N	< 900N	< 1100N	< 1400N	< 900N	≤ 900N	< 10% Si	≤ 10% Si		
IBO.10	८ '	0	0	0	•	•	•	•	•	0	0	0	0	0	0
IBO.P91	1 🚅	0	0	0	•	•	•	•	•	0	0	0	0	0	0
IBO.20	∆'	0		•	0	0	0	0	0	•	•			•	•
IBO.50	∆ '	0	•	0	0	0	0	0	0	0	0	•	•	0	0
IBO.60	٨.	0	0	0	•	•	•	•	•	0	0	0	0	0	0
MV.4	∆ '	0	0	0	•	•	•	•	•	0	0	0	0	0	0
IBO.30		0	0	0	•	•	•	•	•	0	0	0	0	0	0
IBP.50/2	40			•	•	•	•	•	•	•	•			•	•

This overview only offers an indication of use. Further information on lubrication and material behaviour on request. Always try the chosen cutting lubricant on a test piece first.

^{*} Inconnell, Nimonic, Hardox and Hastelloy

Cutting oils, sprays, paste and gearbox oil

General usage

IBO.10

Mild steel lubricating and cooling cutting oil

General cutting oil offering premium cooling and lubrication for most common mild steel projects. High cutting power tool preservation and improved processing times.

IBO.1001 (1 liter)

IBO.1050 (5 liter)



MV.4

All metals lubricating and cooling concentrate

User and environmentally friendly water-soluble cooling and lubricating concentrate. Particularly suitable for automatic dosing systems, offering efficient cooling on the majority of metal workpieces. No harmful mist formation and economical in use (can be diluted up to 1:20 ratio).

MV.4001 (1 liter)

MV.4050 (5 liter)



Specialized usage

IBO.20

Inox, chromium and nickel lubricating and cooling cutting oil

Heavy duty cutting oil with extremely efficient lubricating and cooling properties, solely for use on hard (plated) materials such as stainless steel, chromium and nickel. Drill up to two times faster, while minimising the chance of burnt tool bits and discoloured workpieces.

IBO.2001 (1 liter)

IBO.2050 (5 liter)



IBO.50

Non-ferrous metals cutting oil

Mild paraffin-based mineral oil with excellent lubricating possibilities for softer, non-ferrous, metals such as aluminum, copper and zinc. Highly effective in preventing discoloration and deformation of the workpiece and enhancing drilling performance.

IBO.5001 (1 liter)

IBO.5050 (5 liter)

IBO.60

Threading oil

Universal non-staining cutting oil, specifically for threading. Offers consistent lubrication and enhances the precision of your operation. The unique properties actively help chip clearance and keep your tools sharp.

IBO.6001 (1 liter)

IBO.6050 (5 liter)







IBO-P.911

Mild steel lubricating and cooling cutting oil spray

Premium metal processing cooling and lubrication in spray can form, suitable for use on mild steel.
Highly versatile in use and ideal for tool preparation.

IBO-P.911.500 (500 ml)



IBO.30

All metals lubricating and cooling cutting oil spray

Versatile spray with high cooling and evaporation properties. Ideal for the (after) cooling of all workpieces and tools. The minimal harmful contents and minimal greasy residue facilitate further proceedings with the workpiece.

IBO.30 (500 ml)

IBP.50/2

High-alloy steel cutting paste

Universal cutting paste, especially suitable for high-alloy steel grades including Hardox and train rails. Its strong adhesive strength also makes it a perfect problem solver for hard to reach places and positions, including upside down. Leaves hardly any greasy residue, thus minimizing cleaning preparations for following processing steps, when used undiluted. Suitable to be diluted with IBO.10 or IBO.20 for increased operating force.

IBP.50/2 (1 kg)



Gearbox oil

IBO.G1

Offered as official Euroboor spare part, IBO.G1 is the recommended oil for Euroboor Magnetic Drilling Machines with oil lubricated gearboxes. This is the only gear lubricant which is able to meet our high requirements for operating temperature, minimal wear and high machine efficiency.

For use with:

ECO.40S, ECO.50S, ECO.55-T, ECO.55-TA, ECO.60S and TUBE.55-T

IBO.G101 (1 liter)



Multifunctional oil spray



Operational use:

- Rust removing
- Lubricating
- · Contact improving
- Cleaning
- Corrosion protective
- Moisture repellent

IBO.40

Universal problem solving and preventing spray, suitable for the maintenance of tools and other moving parts. Also suitable as protector of electronics. Does not contain silicones, water or graphite.

IBO.40 (400 ml)



Euroboor **Annular Cutters**

Annular cutters

- + Longer lifespan
- Exact sizing
- Unique teeth geometry
- + Optimum chip clearance
- + Superior slug ejection



High precision shanks, various connections



Weldon 19,05 mm (3/4")



Nitto/Weldon 19,05 mm (3/4")



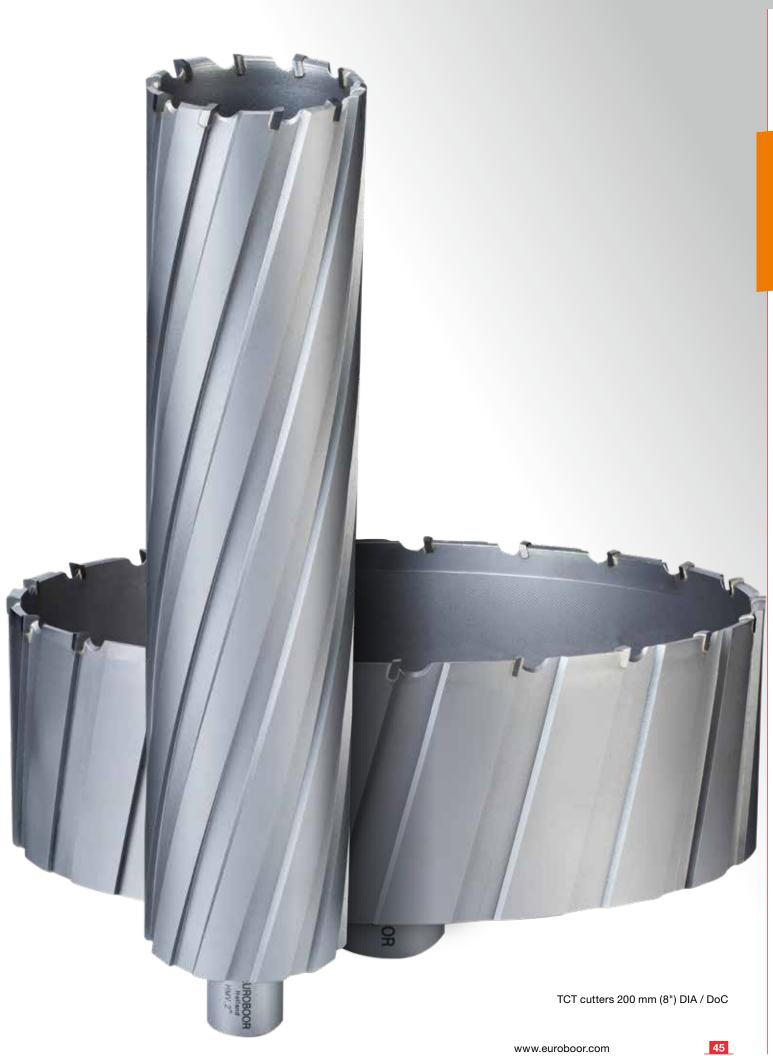
Weldon 31,75 mm (1 1/4")

Pilot pins

Pilot pins are essential for the use of annular cutters, as they provide the following practical uses:

- Centration of cutter
- Control of oil flow
- Slug ejection
- 1. Pilot pin
- 2. Annular cutter
- 3. Pilot pin inside annular cutter
- 4. Place in arbor **Magnetic Drilling Machine and**





Euroboor Annular Cutter Portfolio

Geometry

Altering cutting teeth angles for precise and clear cuts

On our HSS and TCT cutters every tooth does it's own job, working together to cut cleaner and quicker. They actually save time!



TCT cutters have three different teeth



HSS cutters have two different teeth

Did you know?

- With the right lubrication tool life is drastically improved;
- Drilling with cutters is best with internal cooling;
- A perfect fitting pilot pin prevents cutter breakage;
- TCT cutters need a higher speed than HSS cutters:
- Euroboor HSS cutters have an extra landing on the outside and cut more accurate with less friction:
- Euroboor cutters have a grounded inside which offers expansion room to slug;
- Metric & imperial specific sizes and shank variations can be supplied on request.

Weldon shank

Shank

Euroboor annular cutters are standard equipped with high precision Weldon shanks. Depending on the cutter size and specification; 19,05 mm (3/4") or 31,75 mm (1 1/4"). Additionally we also offer cutters with double shank design. These annular cutters have an increased practical application, as they are suitable for use on machinery requiring Weldon fitment as well as machinery with Nitto fitment.



Nitto/Weldon shank

The No. 1 choice in HSS, HSS-Cobalt and TCT

We offer a well-considered range of annular cutters, designed to exceed your requirements. Many years of our hands-on experience are reflected in the unique features of our cutters. We do not compromise on quality and for that reason our cutters are appreciated worldwide for optimum performance, durability and longer functional life in all industries. From small scale fabrication to the oil and shipping industry, and from large scale fabrication to construction, and beyond.





Annular cutter overview

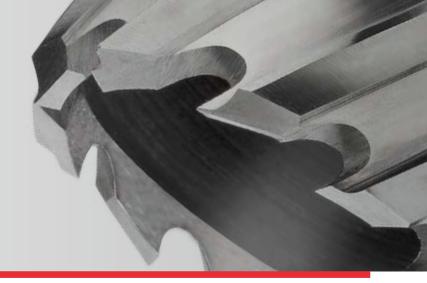
Depth of 0	Cut (DoC	;)		Ø Metric (mm) Weldon	Ø Metric (mm) Nitto/Weldon	Ø Imperial (inch) Weldon	Ø Imperial (inch) Nitto/Weldon
25 mm		TCT Rail		17 - 36	-	-	-
30 mm	1"	HSS		12 - 100	12 - 60	7/16" - 3"	-
30 mm	1"	HSS-Cobalt	8%	12 - 60	-	7/16" - 25/16"	-
35 mm	1"	TCT		12 - 100	12 - 60	7/16" - 3"	7/16" - 25/16"
35 mm		TCT Rail		17 - 36	-	-	-
55 mm	2"	HSS		12 - 100	12 - 60	7/16" - 4"	7/16" - 2 5/16"
55 mm	2"	HSS Stack		18 - 32	-	11/16" - 1 1/4"	-
55 mm	2"	HSS-Cobalt	8%	12 - 60	-	7/16" - 2 5/16"	-
55 mm	2"	TCT		12 - 200	12 - 60	7/16" - 8"	7/16" - 25/16"
75 mm		HSS		14 - 50	-	-	-
75 mm	3"	HSS Stack		18 - 32	-	11/16" - 1 1/4"	-
	3"	HSS-Cobalt	8%	-	-	7/16" - 25/16"	-
75 mm	3"	TCT		12 - 50	-	7/16" - 3"	-
100 mm		HSS		18 - 50	-	-	-
100 mm	4"	TCT		12 - 200	-	7/16" - 8"	-
150 mm	6"	TCT		22 - 200	-	7/8" - 8"	-
200 mm	8"	TCT		22 - 200	-	7/8" - 8"	-

Material	appliance	Optima	O Good	O Poss	ible										
	Material Plastics			Grey	Steel					Stainless steel		Aluminum			Rails
Cutter		GRP/ CRP	Copper, Tin	cast iron	< 500N	< 750N	< 900N	< 1100N	< 1400N	< 900N	≤ 900N	< 10% Si	≤ 10% Si	materials*	
HSS	179	•	0		•	•	0					0			
HSS-Coba	alt	•	•	0	•	•	•	0	0	0	0	•	0	0	
тст	MA		0	•	•	•	•	•	•	•	•	•	•	•	0
TCT Rail			0	•	•	•	•	•	•	•	•	•	•	•	•

^{*} Inconnell, Nimonic, Hardox, Hastelloy

Annular Cutter

High Speed Steel

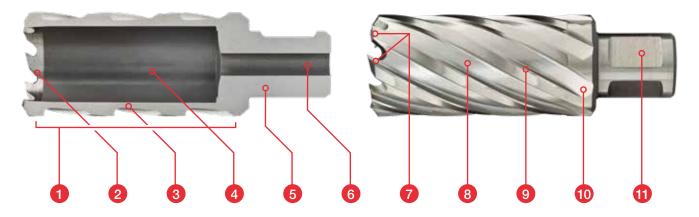


HSS annular cutters, with unique teeth geometry, provide clear cutting, fast feed rate, less vibration, smooth hole surface and long tool life. They are better and quicker than twist drills. HSS annular cutters can be used on all kinds of Magnetic Drilling Machines. They can be widely used in drilling 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 your requirements.

HSS mat	HSS material application Optimal O Good O Possible												
Plastics GRP/CRP	Brass, Copper, Tin	Grey cast iron	Steel					Stainless	steel	Aluminur	m	Exotic materials, Inconnell, Nimonic, Hardox, Hastelloy	Rails
			< 500N	< 750N	< 900N	< 1100N	< 1400N	< 900N	≤ 900N	< 10% Si	≤ 10% Si		
•	0		•	•	0					0			

HSS profile



- Stage hardening. Combines maximum hardness at the teeth with superior strength at the cutter body, reducing breakage to a minimum.
- Inner ground cutting teeth.
 Helps stable "setting" of
 the cutter, reduces friction
 during drilling and helps slug
 ejection.
- Wall thickness matched to the diameter of the cutter, combining the best possible cutting time with strength.
- Tapered inside fitment prevents the cutter getting stuck. Guaranteed slug ejection with usage of the correct pilot pin.
- Precise shank fitment for maximum interchangeability and close tolerance drilling without run-out.
- Precise pilot pin fitment for perfect centration, hassle-free pin retraction and controlled coolant flow.
- Altering "continuous pre-cut" teeth geometry. Generates faster and more stable drilling
- performance and results in clear cuts of the highest precision and smooth, burrfree finishes.
- Well-thought-out spiral flute angles for optimal chip removal.
- Specially designed blades for optimum stability and heatreduction.
- Number of flutes and teeth matched to the diameter of the cutter for the best tooth load and superior cutting speeds.
- Precision ground shanks for optimum fitment of the cutter itself in the tool holder and of pilot pin in the annular cutter. Increases safety, stability and accurate hole sizing.

	DoC 30 mm Weldon	DoC 30 mm Nitto/Weldon	DoC 55 mm Weldon	DoC 55 mm Nitto/Weldon	DoC 75 mm Weldon	DoC 100 mm Weldon
DIA	Ø 12 - 100 mm	Ø 12 - 60 mm	Ø 12 - 100 mm	Ø 12 - 60 mm	Ø 14 - 50 mm	Ø 18 - 50 mm
	Code	Code	Code	Code	Code	Code
Ø 12	HCS.120	HCSU.120	HCL.120	HCLU.120		
Ø 13	HCS.130	HCSU.130	HCL.130	HCLU.130		
Ø 13,5	HCS.135		HCL.135			
Ø 14	HCS.140	HCSU.140	HCL.140	HCLU.140	HCY.140	
Ø 15	HCS.150	HCSU.150	HCL.150	HCLU.150	HCY.150	
Ø 15,5	HCS.155		HCL.155			
Ø 16	HCS.160	HCSU.160	HCL.160	HCLU.160	HCY.160	
Ø 17	HCS.170	HCSU.170	HCL.170	HCLU.170	HCY.170	
Ø 17,5	HCS.175		HCL.175			
Ø 18	HCS.180	HCSU.180	HCL.180	HCLU.180	HCY.180	HCX.180
Ø 19	HCS.190	HCSU.190	HCL.190	HCLU.190	HCY.190	HCX.190
Ø 19,5	HCS.195		HCL.195			
Ø 20	HCS.200	HCSU.200	HCL.200	HCLU.200	HCY.200	HCX.200
Ø 21	HCS.210	HCSU.210	HCL.210	HCLU.210	HCY.210	HCX.210
Ø 21,5	HCS.215		HCL.215			
Ø 21,3 Ø 22	HCS.220	HCSU.220	HCL.220	HCLU.220	HCY.220	HCX.220
Ø 23	HCS.230	HCSU.230	HCL.230	HCLU.230	HCY.230	HCX.230
Ø 23 Ø 24			HCL.240			
	HCS.240	HCSU.240		HCLU.240	HCY.240	HCX.240
Ø 25	HCS.250	HCSU.250	HCL.250	HCLU.250	HCY.250	HCX.250
Ø 26	HCS.260	HCSU.260	HCL.260	HCLU.260	HCY.260	HCX.260
Ø 26,5	HCS.265		HCL.265			
Ø 27	HCS.270	HCSU.270	HCL.270	HCLU.270	HCY.270	HCX.270
Ø 28	HCS.280	HCSU.280	HCL.280	HCLU.280	HCY.280	HCX.280
Ø 29	HCS.290	HCSU.290	HCL.290	HCLU.290	HCY.290	HCX.290
Ø 30	HCS.300	HCSU.300	HCL.300	HCLU.300	HCY.300	HCX.300
Ø 31	HCS.310	HCSU.310	HCL.310	HCLU.310	HCY.310	HCX.310
Ø 32	HCS.320	HCSU.320	HCL.320	HCLU.320	HCY.320	HCX.320
Ø 33	HCS.330	HCSU.330	HCL.330	HCLU.330	HCY.330	HCX.330
Ø 34	HCS.340	HCSU.340	HCL.340	HCLU.340	HCY.340	HCX.340
Ø 35	HCS.350	HCSU.350	HCL.350	HCLU.350	HCY.350	HCX.350
Ø 36	HCS.360	HCSU.360	HCL.360	HCLU.360	HCY.360	HCX.360
Ø 37	HCS.370	HCSU.370	HCL.370	HCLU.370	HCY.370	HCX.370
Ø 38	HCS.380	HCSU.380	HCL.380	HCLU.380	HCY.380	HCX.380
Ø 39	HCS.390	HCSU.390	HCL.390	HCLU.390	HCY.390	HCX.390
Ø 40	HCS.400	HCSU.400	HCL.400	HCLU.400	HCY.400	HCX.400
Ø 41	HCS.410	HCSU.410	HCL.410	HCLU.410	HCY.410	HCX.410
Ø 42	HCS.420	HCSU.420	HCL.420	HCLU.420	HCY.420	HCX.420
Ø 43	HCS.430	HCSU.430	HCL.430	HCLU.430	HCY.430	HCX.430
Ø 44	HCS.440	HCSU.440	HCL.440	HCLU.440	HCY.440	HCX.440
Ø 45	HCS.450	HCSU.450	HCL.450	HCLU.450	HCY.450	HCX.450
Ø 46	HCS.460	HCSU.460	HCL.460	HCLU.460	HCY.460	HCX.460
Ø 47	HCS.470	HCSU.470	HCL.470	HCLU.470	HCY.470	HCX.470
Ø 48	HCS.480	HCSU.480	HCL.480	HCLU.480	HCY.480	HCX.480
Ø 49	HCS.490	HCSU.490	HCL.490	HCLU.490	HCY.490	HCX.490
Ø 50	HCS.500	HCSU.500	HCL.500	HCLU.500	HCY.500	HCX.500
Ø 51	HCS.510	HCSU.510	HCL.510	HCLU.510		
Ø 52	HCS.520	HCSU.520	HCL.520	HCLU.520		
Ø 53	HCS.530	HCSU.530	HCL.530	HCLU.530		
Ø 54	HCS.540	HCSU.540	HCL.540	HCLU.540		
Ø 55	HCS.550	HCSU.550	HCL.550	HCLU.550		
Ø 56	HCS.560	HCSU.560	HCL.560	HCLU.560		



Weldon shank



Nitto/Weldon shank



Shank sizes

DIA Ø 12 - 60 mm: 19,05 mm (3/4")

DIA Ø 61 - 100 mm: 31,75 mm (1 1/4")



DoC Depth of Cut measured inside cutter

DoC 75 mm (HCY)

DIA Ø 51 - 100 mm: Available on request

DoC 100 mm (HCX)

DIA Ø 51 - 100 mm: Available on request



Weldon shank



Nitto/Weldon shank



Shank sizesDIA Ø 12 - 60 mm:
19,05 mm (3/4")

DIA Ø 61 - 100 mm: 31,75 mm (1 1/4")



Depth of Cut measured inside cutter

	DoC 30 mm Weldon	DoC 30 mm Nitto/Weldon	DoC 55 mm Weldon	DoC 55 mm Nitto/Weldon	DoC 75 mm Weldon	DoC 100 mm Weldon
DIA	Ø 12 - 100 mm	Ø 12 - 60 mm	Ø 12 - 100 mm	Ø 12 - 60 mm	Ø 14 - 50 mm	Ø 18 - 50 mm
	Code	Code	Code	Code	Code	Code
Ø 57	HCS.570	HCSU.570	HCL.570	HCLU.570		
Ø 58	HCS.580	HCSU.580	HCL.580	HCLU.580		
Ø 59	HCS.590	HCSU.590	HCL.590	HCLU.590		
Ø 60	HCS.600	HCSU.600	HCL.600	HCLU.600		
Ø 61	HCS.610		HCL.610			
Ø 62	HCS.620		HCL.620			
Ø 63	HCS.630		HCL.630			
Ø 64	HCS.640		HCL.640			
Ø 65	HCS.650		HCL.650			
Ø 66	HCS.660		HCL.660			
Ø 67	HCS.670		HCL.670			
Ø 68	HCS.680		HCL.680			
Ø 69	HCS.690		HCL.690			
Ø 70	HCS.700		HCL.700			
Ø 71	HCS.710		HCL.710			
Ø 72	HCS.720		HCL.720			
Ø 73	HCS.730		HCL.730			
Ø 74	HCS.740		HCL.740			
Ø 75	HCS.750		HCL.750			
Ø 76	HCS.760		HCL.760			
Ø 77	HCS.770		HCL.770			
Ø 78	HCS.780		HCL.780			
Ø 79	HCS.790		HCL.790			
Ø 80	HCS.800		HCL.800			
Ø 81	HCS.810		HCL.810			
Ø 82	HCS.820		HCL.820			
Ø 83	HCS.830		HCL.830			
Ø 84	HCS.840		HCL.840			
Ø 85	HCS.850		HCL.850			
Ø 86	HCS.860		HCL.860			
Ø 87	HCS.870		HCL.870			
Ø 88	HCS.880		HCL.880			
Ø 89	HCS.890		HCL.890			
Ø 90	HCS.900		HCL.900			
Ø 91	HCS.910		HCL.910			
Ø 92	HCS.920		HCL.920			
Ø 93	HCS.930		HCL.930			
Ø 94	HCS.940		HCL.940			
Ø 95	HCS.950		HCL.950			
Ø 96	HCS.960		HCL.960			
Ø 97	HCS.970		HCL.970			
Ø 98	HCS.980		HCL.980			
Ø 99	HCS.990		HCL.990			
Ø 100	HCS.1000		HCL.1000			

DoC 75 mm (HCY)

DIA Ø 51 - 100 mm: Available on request

DoC 100 mm (HCX)

DIA Ø 51 - 100 mm: Available on request

	DoC 1" Weldon	DoC 2" Weldon	DoC 2" Nitto/Weldon
DIA	Ø 7/16" - 3"	Ø 7/16" - 4"	Ø 7/16" - 2 5/16"
	Code	Code	Code
Ø 7/16"	HCS.7/16"	HCL.7/16"	HCLU.7/16"
Ø 1/2"	HCS.1/2"	HCL.1/2"	HCLU.1/2"
Ø 9/16"	HCS.9/16"	HCL.9/16"	HCLU.9/16"
Ø 5/8"	HCS.5/8"	HCL.5/8"	HCLU.5/8"
Ø 11/16"	HCS.11/16"	HCL.11/16"	HCLU.11/16"
Ø 3/4"	HCS.3/4"	HCL.3/4"	HCLU.3/4"
Ø 13/16"	HCS.13/16"	HCL.13/16"	HCLU.13/16"
Ø 7/8"	HCS.7/8"	HCL.7/8"	HCLU.7/8"
Ø 15/16"	HCS.15/16"	HCL.15/16"	HCLU.15/16"
Ø 1"	HCS.1"	HCL.1"	HCLU.1"
Ø 1 1/16"	HCS.1-1/16"	HCL.1-1/16"	HCLU.1-1/16"
Ø 1 1/8"	HCS.1-1/8"	HCL.1-1/8"	HCLU.1-1/8"
Ø 1 3/16"	HCS.1-3/16"	HCL.1-3/16"	HCLU.1-3/16"
Ø 1 1/4"	HCS.1-1/4"	HCL.1-1/4"	HCLU.1-1/4"
Ø 1 5/16"	HCS.1-5/16"	HCL.1-5/16"	HCLU.1-5/16"
Ø 1 3/8"	HCS.1-3/8"	HCL.1-3/8"	HCLU.1-3/8"
Ø 1 7/16"	HCS.1-7/16"	HCL.1-7/16"	HCLU.1-7/16"
Ø 1 1/2"	HCS.1-1/2"	HCL.1-1/2"	HCLU.1-1/2"
Ø 1 9/16"	HCS.1-9/16"	HCL.1-9/16"	HCLU.1-9/16"
Ø 1 5/8"	HCS.1-5/8"	HCL.1-5/8"	HCLU.1-5/8"
Ø 1 11/16"	HCS.1-11/16"	HCL.1-11/16"	HCLU.1-11/16"
Ø 1 3/4"	HCS.1-3/4"	HCL.1-3/4"	HCLU.1-3/4"
Ø 1 13/16"	HCS.1-13/16"	HCL.1-13/16"	HCLU.1-13/16"
Ø 1 7/8"	HCS.1-7/8"	HCL.1-7/8"	HCLU.1-7/8"
Ø 1 15/16"	HCS.1-15/16"	HCL.1-15/16"	HCLU.1-15/16"
Ø 2"	HCS.2"	HCL.2"	HCLU.2"
Ø 2 1/16"	HCS.2-1/16"	HCL.2-1/16"	HCLU.2-1/16"
Ø 2 1/8"	HCS.2-1/8"	HCL.2-1/8"	HCLU.2-1/8"
Ø 2 3/16"	HCS.2-3/16"	HCL.2-3/16"	HCLU.2-3/16"
Ø 2 1/4"	HCS.2-1/4"	HCL.2-1/4"	HCLU.2-1/4"
Ø 2 5/16"	HCS.2-5/16"	HCL.2-5/16"	HCLU.2-5/16"
Ø 2 3/8"	HCS.2-3/8"	HCL.2-3/8"	
Ø 2 7/16"	HCS.2-7/16"	HCL.2-7/16"	
Ø 2 1/2"	HCS.2-1/2"	HCL.2-1/2"	
Ø 2 9/16"	HCS.2-9/16"	HCL.2-9/16"	
Ø 2 5/8"	HCS.2-5/8"	HCL.2-5/8"	
Ø 2 11/16"	HCS.2-11/16"	HCL.2-11/16"	
Ø 2 3/4"	HCS.2-3/4"	HCL.2-3/4"	
Ø 2 13/16"	HCS.2-13/16"	HCL.2-13/16"	
Ø 2 7/8"	HCS.2-7/8"	HCL.2-7/8"	
Ø 2 15/16"	HCS.2-15/16"	HCL.2-15/16"	
Ø 3"	HCS.3"	HCL.3"	
Ø 3 1/16"		HCL.3-1/16"	
Ø 3 1/8"		HCL.3-1/8"	
Ø 3 3/16"		HCL.3-3/16"	
Ø 3 1/4"		HCL.3-1/4"	
Ø 3 5/16"		HCL.3-5/16"	
Ø 3 3/8"		HCL.3-3/8"	
Ø 3 7/16"		HCL.3-7/16"	
Ø 3 1/2"		HCL.3-1/2"	
Ø 3 9/16"		HCL.3-9/16"	



Weldon shank



Nitto/Weldon shank



Shank sizes

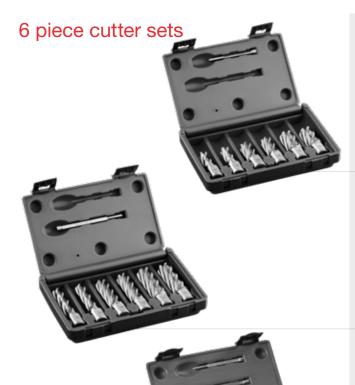
DIA Ø 7/16" - 2 5/16": 3/4"

DIA Ø 2 3/8" - 4": 1 1/4"



DoC Depth of Cut measured inside cutter

	DoC 1" Weldon	DoC 2" Weldon	DoC 2" Nitto/Weldon
DIA	Ø 7/16" - 3"	Ø 7/16" - 4"	Ø 7/16" - 2 5/16"
	Code	Code	Code
Ø 3 5/8"		HCL.3-5/8"	
Ø 3 11/16"		HCL.3-11/16"	
Ø 3 3/4"		HCL.3-3/4"	
Ø 3 13/16"		HCL.3-13/16"	
Ø 3 7/8"		HCL.3-7/8"	
Ø 3 15/16"		HCL.3-15/16"	
Ø 4"		HCL.4"	



Set HSS metric

DoC 30 mm

- 6 piece annular cutter set
- Cutter sizes Ø 14, 18, 22 mm (2 of each DoC)
- Pilot pin IBC.70 included

HCS.KIT

Set HSS imperial

DoC 1"

- 6 piece annular cutter set
- Cutter sizes Ø 9/16", 11/16", 13/16"
 (2 of each DoC)
- Pilot pin IBC.70 included

HCS.KIT/8

DoC 55 mm

- 6 piece annular cutter set
- Cutter sizes Ø 14, 18, 22 mm (2 of each DoC)
- Pilot pin IBC.90 included

HCL.KIT

DoC 1" & 2 "

- 6 piece annular cutter set
- Cutter sizes Ø 9/16", 11/16", 13/16"
 (1 of each DoC)
- Pilot pins IBC.70 & IBC.90 included

HCS.KIT/9

10 piece cutter sets



DoC 30 mm

- 10 piece annular cutter set
- Cutter sizes Ø 12, 14, 16, 18, 20, 22, 24, 26, 28, 30 mm
- Pilot pin IBC.70 included

HCS.KIT/10

DoC 30 mm

- 10 piece annular cutter set
- Cutter sizes 3 x Ø 14, 3 x Ø 18, 2 x Ø 22, 2 x Ø 26 mm
- 2 x Pilot pin IBC.70 included

HSS.KIT/10S-M2

DoC 1"

- 10 piece annular cutter set
- Cutter sizes 2 x Ø 9/16", 2 x Ø 11/16", 2 x Ø 13/16", 2 x Ø 7/8", Ø 15/16", Ø 1"
- 2 x Pilot pin IBC.70 included

HSS.KIT/10S-I1

DoC 1"

- 10 piece annular cutter set
- Cutter sizes 3 x Ø 9/16", 3 x Ø 13/16", 3 x Ø 7/8", Ø 15/16"
- 2 x Pilot pin IBC.70 included

HSS.KIT/10S-I2



DoC 55 mm

- 10 piece annular cutter set
- Cutter sizes Ø 12, 14, 16, 18, 20, 22, 24, 26, 28, 30 mm
- 2 x Pilot pin IBC.90 included

HCL.KIT/10

DoC 55 mm

- 10 piece annular cutter set
- Cutter sizes 3 x Ø 14, 3 x Ø 18, 2 x Ø 22, 2 x Ø 26 mm
- 2 x Pilot pin IBC.90 included

HSS.KIT/10L-M2

DoC 2"

- 10 piece annular cutter set
- Cutter sizes 2 x Ø 9/16", 2 x Ø 11/16", 2 x Ø 13/16", 2 x Ø 7/8", Ø 15/16", Ø 1"
- 2 x Pilot pin IBC.90 included

HSS.KIT/10L-I1

DoC 2"

- 10 piece annular cutter set
- Cutter sizes 3 x Ø 9/16", 3 x Ø 13/16", 3 x Ø 7/8", Ø 15/16"
- 2 x Pilot pin IBC.90 included

HSS.KIT/10L-I2

Annular Cutter

High Speed Steel Stack

Standard HSS Euroboor annular cutters feature teeth geometry which is optimized for use on single layer workpieces, ensuring the fastest and best drilling performance. The rest material created with the use of these cutters is our signature: the Euroboor slug. The rim on this slug is exactly what prevents our standard HSS cutters from penetrating the second layer of material.

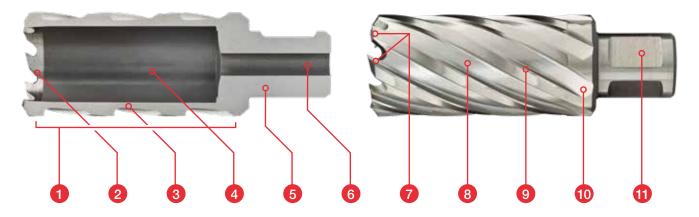
In order to drill multiple layers of material simultaneously, we recommend the use of our annular cutters with stack geometry.

The unique teeth profile ensures safe and stable penetration: layer for layer

Combined with the standard performance improving characteristics of Euroboor annular cutters this results in smooth layer transitions, precise and clean hole finishes and the time savings you are looking for.

HSS stac	k material	application	Optir	mal O Go	od O Pos	ssible							
Plastics GRP/CRP	Brass, Copper, Tin	Grey cast iron	Steel					Stainless	steel	Aluminur	n	Exotic materials, Inconnell, Nimonic, Hardox, Hastelloy	Rails
			< 500N	< 750N	< 900N	< 1100N	< 1400N	< 900N	≤ 900N	< 10% Si	≤ 10% Si		
•	0		•	•	0					0			

HSS profile



- Stage hardening. Combines maximum hardness at the teeth with superior strength at the cutter body, reducing breakage to a minimum.
- Extra deep inner ground cutting teeth. Helps stable "setting" of the cutter, reduces friction during drilling and helps (multiple) slug ejection.
- Wall thickness matched to the diameter of the cutter, combining the best possible cutting time with strength.
- Tapered inside fitment prevents the cutter getting stuck. Guaranteed slug(s) ejection with usage of the correct pilot pin.
- Precise shank fitment for maximum interchangeability and close tolerance drilling without run-out.
- Precise pilot pin fitment for perfect centration, hassle-free pin retraction and controlled coolant flow.
- Stack teeth geometry ensures stable and precise material
- penetration with fast cutting performance
- Well-thought-out spiral flute angles for optimal chip removal
- Specially designed blades for optimum stability and heatreduction.
- Number of flutes and teeth matched to the diameter of the
- cutter for the best tooth load and superior cutting speeds.
- Precision ground shanks for optimum fitment of the cutter itself in the tool holder and of pilot pin in the annular cutter. Increases safety, stability and accurate hole sizing.

HSS Stack

Weldon shank



Shank sizesDIA Ø 18 - 32 mm:
19,05 mm (3/4")

DIA Ø 11/16" - 1 1/4": 3/4"

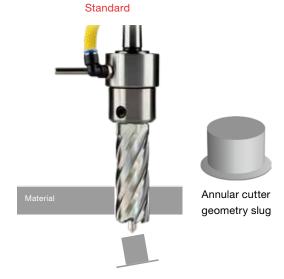




DoC
Depth
of Cut
measured
inside
cutter

	DoC 55 mm Weldon	DoC 75 mm Weldon
DIA	Ø 18	- 32 mm
	Code	Code
Ø 18	HCPL.180	HCPY.180
Ø 19	HCPL.190	HCPY.190
Ø 20	HCPL.200	HCPY.200
Ø 21	HCPL.210	HCPY.210
Ø 22	HCPL.220	HCPY.220
Ø 23	HCPL.230	HCPY.230
Ø 24	HCPL.240	HCPY.240
Ø 25	HCPL.250	HCPY.250
Ø 26	HCPL.260	HCPY.260
Ø 27	HCPL.270	HCPY.270
Ø 28	HCPL.280	HCPY.280
Ø 29	HCPL.290	HCPY.290
Ø 30	HCPL.300	HCPY.300
Ø 31	HCPL.310	HCPY.310
Ø 32	HCPL.320	HCPY.320

	DoC 2" Weldon	DoC 3" Weldon				
DIA	Ø 11/16" - 1 1/4"					
	Code	Code				
Ø 11/16"	HCPL.11/16"	HCPY.11/16"				
Ø 3/4"	HCPL.3/4"	HCPY.3/4"				
Ø 13/16"	HCPL.13/16"	HCPY.13/16"				
Ø 7/8"	HCPL.7/8"	HCPY.7/8"				
Ø 15/16"	HCPL.15/16"	HCPY.15/16"				
Ø 1"	HCPL.1"	HCPY.1"				
Ø 1 1/16"	HCPL.1-1/16"	HCPY.1-1/16"				
Ø 1 1/8"	HCPL.1-1/8"	HCPY.1-1/8"				
Ø 1 3/16"	HCPL.1-3/16"	HCPY.1-3/16"				
Ø 1 1/4"	HCPL.1-1/4"	HCPY.1-1/4"				





Annular Cutter

High Speed Steel Cobalt

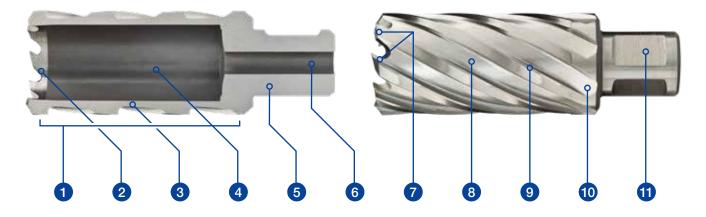


Euroboor HSS-Cobalt annular cutters are made of Molybdenum-Chromium-Vanadium-Tungsten alloy High Speed Steel with an additional 8% Cobalt (M42). The HSS-Cobalt annular cutter is specifically designed to remain cool when cutting holes. All flutes are fully ground, resulting in super-fast feed rates and smooth holes

in hard materials, providing better chip clearance and higher cutting performances. The M42 HSS-Cobalt annular cutter is widely used in the metalworking industry for its superior red hardness compared to more conventional high speed steels. This will lead to shorter cycle times in production environments due to higher cutting speeds.

HSS-Cob	alt materia	al application	on • o	ptimal O	Good O F	Possible							
Plastics Brass, GRP/CRP Copper, Tin		Grey cast iron	Steel			Stainless steel		Aluminum		Exotic materials, Inconnell, Nimonic, Hardox, Hastelloy	Rails		
			< 500N	< 750N	< 900N	< 1100N	< 1400N	< 900N	≤ 900N	< 10% Si	≤ 10% Si		
•	•	0	•	•	•	0	0	0	0	•	0	0	

HSS-Cobalt profile



- Stage hardening. Combines maximum hardness at the teeth with superior strength at the cutter body, reducing breakage to a minimum.
- Inner ground cutting teeth.
 Helps stable "setting" of the cutter, reduces friction during and drilling and helps slug ejection.
- Wall thickness matched to the diameter of the cutter, combining the best possible cutting time with strength.
- Tapered inside fitment prevents the cutter getting stuck. Guaranteed slug ejection with usage of the correct pilot pin.
- Precise shank fitment for maximum interchangeability and close tolerance drilling without run-out.
- Precise pilot pin fitment for perfect centration, hassle-fre pin retraction and controlled coolant flow.
- Altering "continuous pre-cut" teeth geometry. Generates faster and more stable drilling
- performance and results in clear cuts of the highest precision and smooth, burrfree finishes.
- Well-thought-out spiral flute angles for optimal chip removal.
- Specially designed blades for optimum stability and heatreduction.
- Number of flutes and teeth matched to the diameter of the cutter for the best tooth load and superior cutting speeds.
- Precision ground shanks for optimum fitment of the cutter itself in the tool holder and of pilot pin in the annular cutter. Increases safety, stability and accurate hole sizing.

HSS Cobalt

Weldon shank



Shank sizesDIA Ø 12 - 60 mm:
19,05 mm (3/4")

DIA Ø 7/16" - 2 5/16": 3/4"



DoC Depth of Cut measured inside cutter

Ø 60

IBS.600

IBL.600

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

	DoC 1" Weldon	DoC 2" Weldon	DoC 3" Weldon	
DIA		Ø 7/16" - 2 5/16"		
	Code	Code	Code	
Ø 7/16"	IBS.7/16"	IBL.7/16"	IBY.7/16"	
Ø 1/2"	IBS.1/2"	IBL.1/2"	IBY.1/2"	
Ø 9/16"	IBS.9/16"	IBL.9/16"	IBY.9/16"	
Ø 5/8"	IBS.5/8"	IBL.5/8"	IBY.5/8"	
Ø 11/16"	IBS.11/16"	IBL.11/16"	IBY.11/16"	
Ø 3/4"	IBS.3/4"	IBL.3/4"	IBY.3/4"	
Ø 13/16"	IBS.13/16"	IBL.13/16"	IBY.13/16"	
Ø 7/8"	IBS.7/8"	IBL.7/8"	IBY.7/8"	
Ø 15/16"	IBS.15/16"	IBL.15/16"	IBY.15/16"	
Ø 1"	IBS.1"	IBL.1"	IBY.1"	
Ø 1 1/16"	IBS.1-1/16"	IBL.1-1/16"	IBY.1-1/16"	
Ø 1 1/8"	IBS.1-1/8"	IBL.1-1/8"	IBY.1-1/8"	
Ø 1 3/16"	IBS.1-3/16"	IBL.1-3/16"	IBY.1-3/16"	
Ø 1 1/4"	IBS.1-1/4"	IBL.1-1/4"	IBY.1-1/4"	
Ø 1 5/16"	IBS.1-5/16"	IBL.1-5/16"	IBY.1-5/16"	
Ø 1 3/8"	IBS.1-3/8"	IBL.1-3/8"	IBY.1-3/8"	
Ø 1 7/16"	IBS.1-7/16"	IBL.1-7/16"	IBY.1-7/16"	
Ø 1 1/2"	IBS.1-1/2"	IBL.1-1/2"	IBY.1-1/2"	
Ø 1 9/16"	IBS.1-9/16"	IBL.1-9/16"	IBY.1-9/16"	
Ø 1 5/8"	IBS.1-5/8"	IBL.1-5/8"	IBY.1-5/8"	
Ø 1 11/16"	IBS.1-11/16"	IBL.1-11/16"	IBY.1-11/16"	
Ø 1 3/4"	IBS.1-3/4"	IBL.1-3/4"	IBY.1-3/4"	
Ø 1 13/16"	IBS.1-13/16"	IBL.1-13/16"	IBY.1-13/16"	
Ø 1 7/8"	IBS.1-7/8"	IBL.1-7/8"	IBY.1-7/8"	
Ø 1 15/16"	IBS.1-15/16"	IBL.1-15/16"	IBY.1-15/16"	
Ø 2"	IBS.2"	IBL.2"	IBY.2"	
Ø 2 1/16"	IBS.2-1/16"	IBL.2-1/16"	IBY.2-1/16"	
Ø 2 1/8"	IBS.2-1/8"	IBL.2-1/8"	IBY.2-1/8"	
Ø 2 3/16"	IBS.2-3/16"	IBL.2-3/16"	IBY.2-3/16"	
Ø 2 1/4"	IBS.2-1/4"	IBL.2-1/4"	IBY.2-1/4"	
Ø 2 5/16"	IBS.2-5/16"	IBL.2-5/16"	IBY.2-5/16"	

Annular Cutter

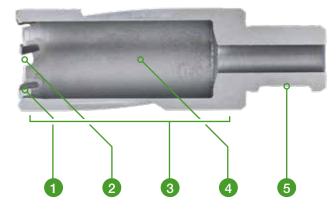
Tungsten Carbide Tipped

Euroboor TCT (SANDVIK) annular cutters are equipped with a spiral flute which creates optimum chip removal and makes seizure virtually impossible. These annular cutters are used for example in hardened materials such as HARDOX steel, stainless steels and high

tensile strength steel such as railway tracks. 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.



TCT profile



6 7 8 9 10

- Extremely hard and durable tungsten carbide cutting teeth (SANDVIK) for the hardest of drilling tasks. Offset positioning for the lowest possible heat development.
- Optimized cutting angles for shortest drilling times and clearest cuts.
- Special alloy body for optimum strength and durability.
- Tapered inside fitment prevents the cutter getting stuck. Guaranteed slug ejection with usage of the correct pilot pin.
- Precise shank fitment for maximum interchangeability
- and close tolerance drilling without run-out.
- Altering "continuous pre-cut" teeth geometry. Generates faster and more stable drilling performance and results in clear cuts of the highest precision and smooth, burr-free finishes. SANDVIK carbide tipped.
- Well-thought-out spiral flute angles for optimal chip removal.
- Specially designed blades for optimum stability and heatreduction.
- Number of flutes and teeth matched to the diameter of the cutter for the best tooth load and superior cutting speeds.
- Precision ground shanks for optimum fitment of the cutter itself in the tool holder and of pilot pin in the annular cutter. Increases safety, stability and accurate hole sizing.

тст

Weldon shank



Nitto/Weldon shank



Shank sizesDIA Ø 12 - 60 mm:
19,05 mm (3/4")



Depth of Cut measured inside cutter

	DoC 35 mm Weldon	DoC 35 mm Nitto/Weldon	DoC 55 mm Weldon	DoC 55 mm Nitto/Weldon
DIA	Ø 12 - 100 mm	Ø 12 - 60 mm	Ø 12 - 200 mm	Ø 12 - 60 mm
	Code	Code	Code	Code
Ø 12	HMS.120	HMSU.120	HML.120	HMLU.120
Ø 13	HMS.130	HMSU.130	HML.130	HMLU.130
Ø 14	HMS.140	HMSU.140	HML.140	HMLU.140
Ø 15	HMS.150	HMSU.150	HML.150	HMLU.150
Ø 16	HMS.160	HMSU.160	HML.160	HMLU.160
Ø 17	HMS.170	HMSU.170	HML.170	HMLU.170
Ø 18	HMS.180	HMSU.180	HML.180	HMLU.180
Ø 19	HMS.190	HMSU.190	HML.190	HMLU.190
Ø 20	HMS.200	HMSU.200	HML.200	HMLU.200
Ø 21	HMS.210	HMSU.210	HML.210	HMLU.210
Ø 22	HMS.220	HMSU.220	HML.220	HMLU.220
Ø 23	HMS.230	HMSU.230	HML.230	HMLU.230
Ø 24	HMS.240	HMSU.240	HML.240	HMLU.240
Ø 25	HMS.250	HMSU.250	HML.250	HMLU.250
Ø 26	HMS.260	HMSU.260	HML.260	HMLU.260
Ø 27	HMS.270	HMSU.270	HML.270	HMLU.270
Ø 28	HMS.280	HMSU.280	HML.280	HMLU.280
Ø 29	HMS.290	HMSU.290	HML.290	HMLU.290
Ø 30	HMS.300	HMSU.300	HML.300	HMLU.300
Ø 31	HMS.310	HMSU.310	HML.310	HMLU.310
Ø 32	HMS.320	HMSU.320	HML.320	HMLU.320
Ø 33	HMS.330	HMSU.330	HML.330	HMLU.330
Ø 34	HMS.340	HMSU.340	HML.340	HMLU.340
Ø 35	HMS.350	HMSU.350	HML.350	HMLU.350
Ø 36	HMS.360	HMSU.360	HML.360	HMLU.360
Ø 37	HMS.370	HMSU.370	HML.370	HMLU.370
Ø 38	HMS.380	HMSU.380	HML.380	HMLU.380
Ø 39	HMS.390	HMSU.390	HML.390	HMLU.390
Ø 40	HMS.400	HMSU.400	HML.400	HMLU.400
Ø 41	HMS.410	HMSU.410	HML.410	HMLU.410
Ø 42	HMS.420	HMSU.420	HML.420	HMLU.420
Ø 43	HMS.430	HMSU.430	HML.430	HMLU.430
Ø 44	HMS.440	HMSU.440	HML.440	HMLU.440
Ø 45	HMS.450	HMSU.450	HML.450	HMLU.450
Ø 46	HMS.460	HMSU.460	HML.460	HMLU.460
Ø 47	HMS.470	HMSU.470	HML.470	HMLU.470
Ø 48	HMS.480	HMSU.480	HML.480	HMLU.480
Ø 49	HMS.490	HMSU.490	HML.490	HMLU.490
Ø 50	HMS.500	HMSU.500	HML.500	HMLU.500
Ø 51	HMS.510	HMSU.510	HML.510	HMLU.510
Ø 52	HMS.520	HMSU.520	HML.520	HMLU.520
Ø 53	HMS.530	HMSU.530	HML.530	HMLU.530
Ø 54	HMS.540	HMSU.540	HML.540	HMLU.540
Ø 55	HMS.550	HMSU.550	HML.550	HMLU.550
Ø 56	HMS.560	HMSU.560	HML.560	HMLU.560
Ø 57	HMS.570	HMSU.570	HML.570	HMLU.570
Ø 58	HMS.580	HMSU.580	HML.580	HMLU.580
Ø 59	HMS.590	HMSU.590	HML.590	HMLU.590
Ø 60	HMS.600	HMSU.600	HML.600	HMLU.600
Ø 61	HMS.610		HML.610	
Ø 62	HMS.620		HML.620	

	DoC 35 mm Weldon	DoC 35 mm Nitto/Weldon	DoC 55 mm Weldon	DoC 55 mm Nitto/Weldon
DIA	Ø 12 - 100 mm	Ø 12 - 60 mm	Ø 12 - 200 mm	Ø 12 - 60 mm
	Code	Code	Code	Code
Ø 63	HMS.630		HML.630	
Ø 64	HMS.640		HML.640	
Ø 65	HMS.650		HML.650	
Ø 66	HMS.660		HML.660	
Ø 67	HMS.670		HML.670	
Ø 68	HMS.680		HML.680	
Ø 69	HMS.690		HML.690	
Ø 70	HMS.700		HML.700	
Ø 71	HMS.710		HML.710	
Ø 72	HMS.720		HML.720	
Ø 73	HMS.730		HML.730	
			HML.740	
Ø 74	HMS.740			
Ø 75	HMS.750		HML.750	
Ø 76	HMS.760		HML.760	
Ø 77	HMS.770		HML.770	
Ø 78	HMS.780		HML.780	
Ø 79	HMS.790		HML.790	
Ø 80	HMS.800		HML.800	
Ø 81	HMS.810		HML.810	
Ø 82	HMS.820		HML.820	
Ø 83	HMS.830		HML.830	
Ø 84	HMS.840		HML.840	
Ø 85	HMS.850		HML.850	
Ø 86	HMS.860		HML.860	
Ø 87	HMS.870		HML.870	
Ø 88	HMS.880		HML.880	
Ø 89	HMS.890		HML.890	
Ø 90	HMS.900		HML.900	
Ø 91	HMS.910		HML.910	
Ø 92	HMS.920		HML.920	
Ø 93	HMS.930		HML.930	
Ø 94	HMS.940		HML.940	
Ø 95	HMS.950		HML.950	
Ø 96	HMS.960		HML.960	
Ø 97	HMS.970		HML.970	
Ø 98	HMS.980		HML.980	
Ø 99	HMS.990		HML.990	
	HMS.1000			
Ø 100	HW3.1000		HML.1000	
Ø 101			HML.1010	
Ø 102			HML.1020	
Ø 103			HML.1030	
Ø 104			HML.1040	
Ø 105			HML.1050	
Ø 106			HML.1060	
Ø 107			HML.1070	
Ø 108			HML.1080	
Ø 109			HML.1090	
Ø 110			HML.1100	
Ø 111			HML.1110	
Ø 112			HML.1120	
Ø 113			HML.1130	



Weldon shank



Nitto/Weldon shank



Shank sizes

DIA Ø 12 - 60 mm: 19,05 mm (3/4")



DoC Depth of Cut measured inside cutter



Weldon shank



Nitto/Weldon shank



Shank sizesDIA Ø 12 - 60 mm:
19,05 mm (3/4")



Depth of Cut measured inside cutter

		DoC 35 mm Weldon	DoC 35 mm Nitto/Weldon	DoC 55 mm Weldon	DoC 55 mm Nitto/Weldon
	DIA	Ø 12 - 100 mm	Ø 12 - 60 mm	Ø 12 - 200 mm	Ø 12 - 60 mm
		Code	Code	Code	Code
	Ø 114			HML.1140	
	Ø 115			HML.1150	
	Ø 116			HML.1160	
	Ø 117			HML.1170	
	Ø 118			HML.1180	
	Ø 119			HML.1190	
	Ø 120			HML.1200	
	Ø 121			HML.1210	
	Ø 122			HML.1220	
	Ø 123			HML.1230	
	Ø 124			HML.1240	
	Ø 125			HML.1250	
	Ø 126			HML.1260	
	Ø 127			HML.1270	
	Ø 128			HML.1280	
	Ø 129			HML.1290	
	Ø 130			HML.1300	
	Ø 131			HML.1310	
	Ø 132			HML.1320	
	Ø 133			HML.1330	
	Ø 134			HML.1340	
	Ø 135			HML.1350	
	Ø 136			HML.1360	
	Ø 137			HML.1370	
	Ø 138			HML.1380	
	Ø 139			HML.1390	
	Ø 140			HML.1400	
	Ø 140			HML.1410	
	Ø 141				
				HML.1420	
	Ø 143			HML.1430	
	Ø 144			HML.1440	
	Ø 145			HML.1450	
	Ø 146			HML.1460	
	Ø 147			HML.1470	
d	Ø 148			HML.1480	
	Ø 149			HML.1490	
	Ø 150			HML.1500	
	Ø 151			HML.1510	
	Ø 152			HML.1520	
	Ø 153			HML.1530	
	Ø 154			HML.1540	
	Ø 155			HML.1550	
	Ø 156			HML.1560	
	Ø 157			HML.1570	
	Ø 158			HML.1580	
	Ø 159			HML.1590	
	Ø 160			HML.1600	
	Ø 161			HML.1610	
	Ø 162			HML.1620	
	Ø 163			HML.1630	
	Ø 164			HML.1640	

	DoC 35 mm Weldon	DoC 35 mm Nitto/Weldon	DoC 55 mm Weldon	DoC 55 mm Nitto/Weldon
DIA	Ø 12 - 100 mm	Ø 12 - 60 mm	Ø 12 - 200 mm	Ø 12 - 60 mm
	Code	Code	Code	Code
Ø 165			HML.1650	
Ø 166			HML.1660	
Ø 167			HML.1670	
Ø 168			HML.1680	
Ø 169			HML.1690	
Ø 170			HML.1700	
Ø 171			HML.1710	
Ø 172			HML.1720	
Ø 173			HML.1730	
Ø 174			HML.1740	
Ø 175			HML.1750	
Ø 176			HML.1760	
Ø 177			HML.1770	
Ø 178			HML.1780	
Ø 179			HML.1790	
Ø 180			HML.1800	
Ø 181			HML.1810	
Ø 182			HML.1820	
Ø 183			HML.1830	
Ø 184			HML.1840	
Ø 185			HML.1850	
Ø 186			HML.1860	
Ø 187			HML.1870	
Ø 188			HML.1880	
Ø 189			HML.1890	
Ø 190			HML.1900	
Ø 191			HML.1910	
Ø 192			HML.1920	
Ø 193			HML.1930	
Ø 194			HML.1940	
Ø 195			HML.1950	
Ø 196			HML.1960	
Ø 197			HML.1970	
Ø 198			HML.1980	
Ø 199			HML.1990	
Ø 200			HML.2000	



Weldon shank



Nitto/Weldon shank



Shank sizes

DIA Ø 12 - 60 mm: 19,05 mm (3/4")



DoC Depth of Cut measured inside cutter

TCT

Weldon shank



Shank sizesDIA Ø 12 - 60 mm:
19,05 mm (3/4")



DoC Depth of Cut measured inside cutter

	DoC 75 mm Weldon	DoC 100 mm Weldon	DoC 150 mm Weldon	DoC 200 mm Weldon
DIA	Ø 12 - 50 mm	Ø 12 - 200 mm	Ø 22 - 200 mm	Ø 22 - 200 mm
	Code	Code	Code	Code
Ø 12	HMY.120	HMX.120		
Ø 13	HMY.130	HMX.130		
Ø 14	HMY.140	HMX.140		
Ø 15	HMY.150	HMX.150		
Ø 16	HMY.160	HMX.160		
Ø 17	HMY.170	HMX.170		
Ø 18	HMY.180	HMX.180		
Ø 19	HMY.190	HMX.190		
Ø 20	HMY.200	HMX.200		
Ø 21	HMY.210	HMX.210		
Ø 22	HMY.220	HMX.220	HMW.220	HMV.220
Ø 23	HMY.230	HMX.230	HMW.230	HMV.230
Ø 24	HMY.240	HMX.240	HMW.240	HMV.240
Ø 25	HMY.250	HMX.250	HMW.250	HMV.250
Ø 26	HMY.260	HMX.260	HMW.260	HMV.260
Ø 27	HMY.270	HMX.270	HMW.270	HMV.270
Ø 28	HMY.280	HMX.280	HMW.280	HMV.280
Ø 29	HMY.290	HMX.290	HMW.290	HMV.290
Ø 30	HMY.300	HMX.300	HMW.300	HMV.300
Ø 31	HMY.310	HMX.310	HMW.310	HMV.310
Ø 32	HMY.320	HMX.320	HMW.320	HMV.320
Ø 33	HMY.330	HMX.330	HMW.330	HMV.330
Ø 34	HMY.340	HMX.340	HMW.340	HMV.340
Ø 35	HMY.350	HMX.350	HMW.350	HMV.350
Ø 36	HMY.360	HMX.360	HMW.360	HMV.360
Ø 37	HMY.370	HMX.370	HMW.370	HMV.370
Ø 38	HMY.380	HMX.380	HMW.380	HMV.380
Ø 39	HMY.390	HMX.390	HMW.390	HMV.390
Ø 40	HMY.400	HMX.400	HMW.400	HMV.400
Ø 41	HMY.410	HMX.410	HMW.410	HMV.410
Ø 42	HMY.420	HMX.420	HMW.420	HMV.420
Ø 43	HMY.430	HMX.430	HMW.430	HMV.430
Ø 44	HMY.440	HMX.440	HMW.440	HMV.440
Ø 45	HMY.450	HMX.450	HMW.450	HMV.450
Ø 46	HMY.460	HMX.460	HMW.460	HMV.460
Ø 47	HMY.470	HMX.470	HMW.470	HMV.470
Ø 48	HMY.480	HMX.480	HMW.480	HMV.480
Ø 49	HMY.490	HMX.490	HMW.490	HMV.490
Ø 50	HMY.500	HMX.500	HMW.500	HMV.500
Ø 51	111011.300	HMX.510	HMW.510	HMV.510
Ø 52		HMX.520	HMW.520	HMV.520
Ø 53		HMX.530	HMW.530	HMV.530
Ø 54		HMX.540	HMW.540	HMV.540
Ø 55		HMX.550	HMW.550	HMV.550
Ø 56		HMX.560	HMW.560	HMV.560
Ø 57		HMX.570	HMW.570	HMV.570
Ø 58		HMX.580	HMW.580	HMV.580
Ø 59		HMX.590	HMW.590	HMV.590
Ø 60		HMX.600	HMW.600	HMV.600
Ø 61		HMX.610	HMW.610	HMV.610
Ø 62		HMX.620	HMW.620	HMV.620

	DoC 75 mm Weldon	DoC 100 mm Weldon	DoC 150 mm Weldon	DoC 200 mm Weldon
DIA	Ø 12 - 50 mm	Ø 12 - 200 mm	Ø 22 - 200 mm	Ø 22 - 200 mm
	Code	Code	Code	Code
Ø 63		HMX.630	HMW.630	HMV.630
Ø 64		HMX.640	HMW.640	HMV.640
Ø 65		HMX.650	HMW.650	HMV.650
Ø 66		HMX.660	HMW.660	HMV.660
Ø 67		HMX.670	HMW.670	HMV.670
Ø 68		HMX.680	HMW.680	HMV.680
Ø 69		HMX.690	HMW.690	HMV.690
Ø 70		HMX.700	HMW.700	HMV.700
Ø 71		HMX.710	HMW.710	HMV.710
Ø 72		HMX.720	HMW.720	HMV.720
Ø 73		HMX.730	HMW.730	HMV.730
Ø 74		HMX.740	HMW.740	HMV.740
Ø 75		HMX.750	HMW.750	HMV.750
Ø 76		HMX.760	HMW.760	HMV.760
Ø 77		HMX.770	HMW.770	HMV.770
Ø 78		HMX.780	HMW.780	HMV.780
Ø 79		HMX.790	HMW.790	HMV.790
Ø 80		HMX.800	HMW.800	HMV.800
Ø 81		HMX.810	HMW.810	HMV.810
Ø 82		HMX.820	HMW.820	HMV.820
Ø 83		HMX.830	HMW.830	HMV.830
Ø 84		HMX.840	HMW.840	HMV.840
Ø 85		HMX.850	HMW.850	HMV.850
Ø 86		HMX.860	HMW.860	HMV.860
Ø 87		HMX.870	HMW.870	HMV.870
Ø 88		HMX.880	HMW.880	HMV.880
Ø 89		HMX.890	HMW.890	HMV.890
Ø 90		HMX.900	HMW.900	HMV.900
Ø 91		HMX.910	HMW.910	HMV.910
Ø 92		HMX.920	HMW.920	HMV.920
Ø 93		HMX.930	HMW.930	HMV.930
Ø 94		HMX.940	HMW.940	HMV.940
Ø 95		HMX.950	HMW.950	HMV.950
Ø 96 Ø 97		HMX.960	HMW.960	HMV.960
		HMX.970	HMW.970	HMV.970
Ø 98			HMW.980	HMV.980 HMV.990
Ø 99		HMX.990	HMW.990	
Ø 100		HMX.1000	HMW.1000	HMV.1000
Ø 101		HMX.1010	HMW.1010	HMV.1010
Ø 102		HMX.1020	HMW.1020	HMV.1020
Ø 103		HMX.1030	HMW.1030	HMV.1030
Ø 104		HMX.1040	HMW.1040	HMV.1040
Ø 105		HMX.1050	HMW.1050	HMV.1050
Ø 106		HMX.1060	HMW.1060	HMV.1060
Ø 107		HMX.1070	HMW.1070	HMV.1070
Ø 108		HMX.1080	HMW.1080	HMV.1080
Ø 109		HMX.1090	HMW.1090	HMV.1090
Ø 110		HMX.1100	HMW.1100	HMV.1100
Ø 111		HMX.1110	HMW1110	HMV.1110
Ø 112		HMX.1120	HMW1120	HMV.1120
		THVIX.TTZO	11101001120	1111111120



Weldon shank



Shank sizes

DIA Ø 12 - 60 mm: 19,05 mm (3/4")



DoC Depth of Cut measured inside cutter

TCT

Weldon shank



Shank sizesDIA Ø 12 - 60 mm:
19,05 mm (3/4")



DoC

Depth
of Cut
measured
inside
cutter

	DoC 75 mm Weldon	DoC 100 mm Weldon	DoC 150 mm Weldon	DoC 200 mm Weldon
DIA	Ø 12 - 50 mm	Ø 12 - 200 mm	Ø 22 - 200 mm	Ø 22 - 200 mm
	Code	Code	Code	Code
Ø 114		HMX.1140	HMW.1140	HMV.1140
Ø 115		HMX.1150	HMW.1150	HMV.1150
Ø 116		HMX.1160	HMW.1160	HMV.1160
Ø 117		HMX.1170	HMW.1170	HMV.1170
Ø 118		HMX.1180	HMW.1180	HMV.1180
Ø 119		HMX.1190	HMW.1190	HMV.1190
Ø 120		HMX.1200	HMW.1200	HMV.1200
Ø 121		HMX.1210	HMW.1210	HMV.1210
Ø 122		HMX.1220	HMW.1220	HMV.1220
Ø 123		HMX.1230	HMW.1230	HMV.1230
Ø 124		HMX.1240	HMW.1240	HMV.1240
Ø 125		HMX.1250	HMW.1250	HMV.1250
Ø 126		HMX.1260	HMW.1260	HMV.1260
Ø 127		HMX.1270	HMW.1270	HMV.1270
Ø 128		HMX.1280	HMW.1280	HMV.1280
Ø 129		HMX.1290	HMW.1290	HMV.1290
Ø 130				
		HMX.1300	HMW.1300	HMV.1300
Ø 131		HMX.1310	HMW.1310	HMV.1310
Ø 132		HMX.1320	HMW.1320	HMV.1320
Ø 133		HMX.1330	HMW.1330	HMV.1330
Ø 134		HMX.1340	HMW.1340	HMV.1340
Ø 135		HMX.1350	HMW.1350	HMV.1350
Ø 136		HMX.1360	HMW.1360	HMV.1360
Ø 137		HMX.1370	HMW.1370	HMV.1370
Ø 138		HMX.1380	HMW.1380	HMV.1380
Ø 139		HMX.1390	HMW.1390	HMV.1390
Ø 140		HMX.1400	HMW.1400	HMV.1400
Ø 141		HMX.1410	HMW.1410	HMV.1410
Ø 142		HMX.1420	HMW.1420	HMV.1420
Ø 143		HMX.1430	HMW.1430	HMV.1430
Ø 144		HMX.1440	HMW.1440	HMV.1440
Ø 145		HMX.1450	HMW.1450	HMV.1450
Ø 146		HMX.1460	HMW.1460	HMV.1460
Ø 147		HMX.1470	HMW.1470	HMV.1470
Ø 148		HMX.1480	HMW.1480	HMV.1480
Ø 149		HMX.1490	HMW.1490	HMV.1490
Ø 150		HMX.1500	HMW.1500	HMV.1500
Ø 151		HMX.1510	HMW.1510	HMV.1510
Ø 152		HMX.1520	HMW.1520	HMV.1520
Ø 153		HMX.1530	HMW.1530	HMV.1530
Ø 154		HMX.1540	HMW.1540	HMV.1540
Ø 155		HMX.1550	HMW.1550	HMV.1550
Ø 156		HMX.1560	HMW.1560	HMV.1560
Ø 157		HMX.1570	HMW.1570	HMV.1570
Ø 158		HMX.1580	HMW.1580	HMV.1580
Ø 159		HMX.1590	HMW.1590	HMV.1590
Ø 160		HMX.1600	HMW.1600	HMV.1600
Ø 161		HMX.1610	HMW.1610	HMV.1610
Ø 162		HMX.1620	HMW.1620	HMV.1620
Ø 163		HMX.1630	HMW.1630	HMV.1630
Ø 164		HMX.1640	HMW.1640	HMV.1640

	DoC 75 mm Weldon	DoC 100 mm Weldon	DoC 150 mm Weldon	DoC 200 mm Weldon
DIA	Ø 12 - 50 mm	Ø 12 - 200 mm	Ø 22 - 200 mm	Ø 22 - 200 mm
	Code	Code	Code	Code
Ø 165		HMX.1650	HMW.1650	HMV.1650
Ø 166		HMX.1660	HMW.1660	HMV.1660
Ø 167		HMX.1670	HMW.1670	HMV.1670
Ø 168		HMX.1680	HMW.1680	HMV.1680
Ø 169		HMX.1690	HMW.1690	HMV.1690
Ø 170		HMX.1700	HMW.1700	HMV.1700
Ø 171		HMX.1710	HMW.1710	HMV.1710
Ø 172		HMX.1720	HMW.1720	HMV.1720
Ø 173		HMX.1730	HMW.1730	HMV.1730
Ø 174		HMX.1740	HMW.1740	HMV.1740
Ø 175		HMX.1750	HMW.1750	HMV.1750
Ø 176		HMX.1760	HMW.1760	HMV.1760
Ø 177		HMX.1770	HMW.1770	HMV.1770
Ø 178		HMX.1780	HMW1780	HMV.1780
Ø 179		HMX.1790	HMW.1790	HMV.1790
Ø 180		HMX.1800	HMW.1800	HMV.1800
Ø 181		HMX.1810	HMW.1810	HMV.1810
Ø 182		HMX.1820	HMW.1820	HMV.1820
Ø 183		HMX.1830	HMW.1830	HMV.1830
Ø 184		HMX.1840	HMW.1840	HMV.1840
Ø 185		HMX.1850	HMW.1850	HMV.1850
Ø 186		HMX.1860	HMW.1860	HMV.1860
Ø 187		HMX.1870	HMW.1870	HMV.1870
Ø 188		HMX.1880	HMW.1880	HMV.1880
Ø 189		HMX.1890	HMW.1890	HMV.1890
Ø 190		HMX.1900	HMW.1900	HMV.1900
Ø 191		HMX.1910	HMW.1910	HMV.1910
Ø 192		HMX.1920	HMW.1920	HMV.1920
Ø 193		HMX.1930	HMW.1930	HMV.1930
Ø 194		HMX.1940	HMW.1940	HMV.1940
Ø 195		HMX.1950	HMW.1950	HMV.1950
Ø 196		HMX.1960	HMW.1960	HMV.1960
Ø 197		HMX.1970	HMW.1970	HMV.1970
Ø 198		HMX.1980	HMW.1980	HMV.1980
Ø 199		HMX.1990	HMW.1990	HMV.1990
Ø 200		HMX.2000	HMW.2000	HMV.2000



Weldon shank



Shank sizes

DIA Ø 12 - 60 mm: 19,05 mm (3/4")



DoC

Depth
of Cut
measured
inside
cutter

тст

Weldon shank



Nitto/Weldon shank



Shank sizesDIA Ø 7/16" - 2 5/16": 3/4"

DIA Ø 2 3/8" - 8": 1 1/4"



Depth of Cut measured inside cutter

	DoC 1" Weldon	DoC 1" Nitto/Weldon	DoC 2" Weldon	DoC 2" Nitto/Weldon
DIA	Ø 7/16" - 3"	Ø 7/16" - 2 5/16"	Ø 7/16" - 8"	Ø 7/16" - 2 5/16"
	Code	Code	Code	Code
Ø 7/16"	HMS.7/16"	HMSU.7/16"	HML.7/16"	HMLU.7/16"
Ø 1/2"	HMS.1/2"	HMSU.1/2"	HML.1/2"	HMLU.1/2"
Ø 9/16"	HMS.9/16"	HMSU.9/16"	HML.9/16"	HMLU.9/16"
Ø 5/8"	HMS.5/8"	HMSU.5/8"	HML.5/8"	HMLU.5/8"
Ø 11/16"	HMS.11/16"	HMSU.11/16"	HML.11/16"	HMLU.11/16"
Ø 3/4"	HMS.3/4"	HMSU.3/4"	HML.3/4"	HMLU.3/4"
Ø 13/16"	HMS.13/16"	HMSU.13/16"	HML.13/16"	HMLU.13/16"
Ø 7/8"	HMS.7/8"	HMSU.7/8"	HML.7/8"	HMLU.7/8"
Ø 15/16"	HMS.15/16"	HMSU.15/16"	HML.15/16"	HMLU.15/16"
Ø 1"	HMS.1"	HMSU.1"	HML.1"	HMLU.1"
Ø 1 1/16"	HMS.1-1/16"	HMSU.1-1/16"	HML.1-1/16"	HMLU.1-1/16"
Ø 1 1/8"	HMS.1-1/8"	HMSU.1-1/8"	HML.1-1/8"	HMLU.1-1/8"
Ø 1 3/16"	HMS.1-3/16"	HMSU.1-3/16"	HML.1-3/16"	HMLU.1-3/16"
Ø 1 1/4"	HMS.1-1/4"	HMSU.1-1/4"	HML.1-1/4"	HMLU.1-1/4"
Ø 1 5/16"	HMS.1-5/16"	HMSU.1-5/16"	HML.1-5/16"	HMLU.1-5/16"
Ø 1 3/8"	HMS.1-3/8"	HMSU.1-3/8"	HML.1-3/8"	HMLU.1-3/8"
Ø 1 7/16"	HMS.1-7/16"	HMSU.1-7/16"	HML.1-7/16"	HMLU.1-7/16"
Ø 1 1/2"	HMS.1-1/2"	HMSU.1-1/2"	HML.1-1/2"	HMLU.1-1/2"
Ø 1 9/16"	HMS.1-9/16"	HMSU.1-9/16"	HML.1-9/16"	HMLU.1-9/16"
Ø 1 5/8"	HMS.1-5/8"	HMSU.1-5/8"	HML.1-5/8"	HMLU.1-5/8"
Ø 1 11/16"	HMS.1-11/16"	HMSU.1-11/16"	HML.1-11/16"	HMLU.1-11/16"
Ø 1 3/4"	HMS.1-3/4"	HMSU.1-3/4"	HML.1-3/4"	HMLU.1-3/4"
Ø 1 13/16"	HMS.1-13/16"	HMSU.1-13/16"	HML.1-13/16"	HMLU.1-13/16"
Ø 1 7/8"	HMS.1-7/8"	HMSU.1-7/8"	HML.1-7/8"	HMLU.1-7/8"
Ø 1 15/16"	HMS.1-15/16"	HMSU.1-15/16"	HML.1-15/16"	HMLU.1-15/16"
Ø 2"	HMS.2"	HMSU.2"	HML.2"	HMLU.2"
Ø 2 1/16"	HMS.2-1/16"	HMSU.2-1/16"	HML.2-1/16"	HMLU.2-1/16"
Ø 2 1/8"	HMS.2-1/8"	HMSU.2-1/8"	HML.2-1/8"	HMLU.2-1/8"
Ø 2 3/16"	HMS.2-3/16"	HMSU.2-3/16"	HML.2-3/16"	HMLU.2-3/16"
Ø 2 1/4"	HMS.2-1/4"	HMSU.2-1/4"	HML.2-1/4"	HMLU.2-1/4"
Ø 2 5/16"	HMS. 2-5/16"	HMSU. 2-5/16"	HML.2-5/16"	HMLU . 2-5/16"
Ø 2 3/8"	HMS.2-3/8"	11WOO. 2 0/10	HML.2-3/8"	11WLO . 2 0/10
Ø 2 7/16"	HMS.2-7/16"		HML.2-7/16"	
Ø 2 1/2"	HMS.2-1/2"		HML.2-1/2"	
Ø 2 9/16"	HMS.2-9/16"		HML.2-9/16"	
Ø 2 5/8"	HMS.2-5/8"		HML.2-5/8"	
	HMS.2-11/16"		HML.2-11/16"	
Ø 2 11/16"				
Ø 2 3/4"	HMS.2-3/4"		HML.2-3/4" HML.2-13/16"	
Ø 2 13/16"	HMS.2-13/16"			
Ø 2 7/8"	HMS.2-7/8"		HML.2-7/8"	
Ø 2 15/16"	HMS.2-15/16"		HML.2-15/16"	
Ø 3"	HMS.3"		HML.3"	
Ø 3 1/16"			HML.3-1/16"	
Ø 3 1/8"			HML.3-1/8"	
Ø 3 3/16"			HML.3-3/16"	
Ø 3 1/4"			HML.3-1/4"	
Ø 3 5/16"			HML.3-5/16"	
Ø 3 3/8"			HML.3-3/8"	
Ø 3 7/16"			HML.3-7/16"	
Ø 3 1/2"			HML.3-1/2"	
Ø 3 9/16"			HML.3-9/16"	

			DoC 2" Weldon	DoC 2" Nitto/Weldon		
DIA	Ø 7/16" - 3" Ø 7/16" - 2 5/16"		Ø 7/16" - 8"	Ø 7/16" - 2 5/16"		
	Code	Code	Code	Code		
Ø 3 5/8"			HML.3-5/8"			
Ø 3 11/16"			HML.3-11/16"			
Ø 3 3/4"			HML.3-3/4"			
Ø 3 13/16"			HML.3-13/16"			
Ø 3 7/8"			HML.3-7/8"			
Ø 3 15/16"			HML.3-15/16"			
Ø 4"			HML.4"			
Ø 4 1/16"			HML.4-1/16"			
Ø 4 1/8"			HML.4-1/8"			
Ø 4 3/16"			HML.4-3/16"			
Ø 4 1/4"			HML.4-1/4"			
Ø 4 5/16"			HML.4-5/16"			
Ø 4 3/8"			HML.4-3/8"			
Ø 4 7/16"			HML.4-7/16"			
Ø 4 1/2"			HML.4-1/2"			
Ø 4 9/16"			HML.4-9/16"			
Ø 4 5/8"			HML.4-5/8"			
Ø 4 11/16"			HML.4-11/16"			
Ø 4 3/4"			HML.4-3/4"			
Ø 4 13/16"			HML.4-13/16"			
Ø 4 7/8"			HML.4-7/8"			
Ø 4 15/16"			HML.4-15/16"			
Ø 5"			HML.5"			
Ø 5 1/16"			HML.5-1/16"			
Ø 5 1/8"			HML.5-1/8"			
Ø 5 3/16"			HML.5-3/16"			
Ø 5 1/4"			HML.5-1/4"			
Ø 5 5/16"			HML.5-5/16"			
Ø 5 3/8"			HML.5-3/8"			
Ø 5 7/16"			HML.5-7/16"			
Ø 5 1/2" Ø 5 9/16"			HML.5-1/2" HML.5-9/16"			
Ø 5 5/8"			HML.5-5/8"			
Ø 5 11/16"			HML.5-11/16"			
Ø 5 3/4"			HML.5-3/4"			
Ø 5 13/16"			HML.5-13/16"			
Ø 5 7/8"			HML.5-7/8"			
Ø 5 15/16"			HML.5-15/16"			
Ø 6"			HML.6"			
Ø 6 1/16"			HML.6-1/16"			
Ø 6 1/8"			HML.6-1/8"			
Ø 6 3/16"			HML.6-3/16"			
Ø 6 1/4"			HML.6-1/4"			
Ø 6 5/16"			HML.6-5/16"			
Ø 6 3/8"			HML.6-3/8"			
Ø 6 7/16"			HML.6-7/16"			
Ø 6 1/2"			HML.6-1/2"			
Ø 6 9/16"			HML.6-9/16"			
Ø 6 5/8"			HML.6-5/8"			
Ø 6 11/16"			HML.6-11/16"			
Ø 6 3/4"			HML.6-3/4"			



Weldon shank



Nitto/Weldon shank



Shank sizes

DIA Ø 7/16" - 2 3/8": 3/4"





тст

Weldon shank



Nitto/Weldon shank



Shank sizesDIA Ø 7/16" - 2 3/8":
3/4"



DoC
Depth
of Cut
measured
inside
cutter

	DoC 1" Weldon	DoC 1" Nitto/Weldon	DoC 2" Weldon	DoC 2" Nitto/Weldon
DIA	Ø 7/16" - 3"	Ø 7/16" - 2 5/16"	Ø 7/16" - 8"	Ø 7/16" - 2 5/16"
	Code	Code	Code	Code
Ø 6 13/16"			HML.6-13/16"	
Ø 6 7/8"			HML.6-7/8"	
Ø 6 15/16"			HML.6-15/16"	
Ø 7"			HML.7"	
Ø 7 1/16"			HML.7-1/16"	
Ø 7 1/8"			HML.7-1/8"	
Ø 7 3/16"			HML.7-3/16"	
Ø 7 1/4"			HML.7-1/4"	
Ø 7 5/16"			HML.7-5/16"	
Ø 7 3/8"			HML.7-3/8"	
Ø 7 7/16"			HML.7-7/16"	
Ø 7 1/2"			HML.7-1/2"	
Ø 7 9/16"			HML.7-9/16"	
Ø 7 5/8"			HML.7-5/8"	
Ø 7 11/16"			HML.7-11/16"	
Ø 7 3/4"			HML.7-3/4"	
Ø 7 13/16"			HML.7-13/16"	
Ø 7 7/8"			HML.7-7/8"	
Ø 7 15/16"			HML.7-15/16"	
Ø 8"			HML.8"	

	DoC 3" DoC 4" Weldon Weldon		DoC 6" Weldon	DoC 8" Weldon		
DIA	Ø 7/16" - 3"	Ø 7/16" - 8"	Ø 7/8" - 8"	Ø 7/8" - 8"		
	Code	Code	Code	Code		
Ø 7/16"	HMY.7/16"	HMX.7/16"				
Ø 1/2"	HMY.1/2"	HMX.1/2"				
Ø 9/16"	HMY.9/16"	HMX.9/16"				
Ø 5/8"	HMY.5/8"	HMX.5/8"				
Ø 11/16"	HMY.11/16"	HMX.11/16"				
Ø 3/4"	HMY.3/4"	HMX.3/4"				
Ø 13/16"	HMY.13/16"	HMX.13/16"				
Ø 7/8"	HMY.7/8"	HMX.7/8"	HMW.7/8"	HMV.7/8"		
Ø 15/16"	HMY.15/16"	HMX.15/16"	HMW.15/16"	HMV.15/16"		
Ø 1"	HMY.1"	HMX.1"	HMW.1"	HMV.1"		
Ø 1 1/16"	HMY.1-1/16"	HMX.1-1/16"	HMW.1-1/16"	HMV.1-1/16"		
Ø 1 1/8"	HMY.1-1/8"	HMX.1-1/8"	HMW.1-1/8"	HMV.1-1/8"		
Ø 1 3/16"	HMY.1-3/16"	HMX.1-3/16"	HMW.1-3/16"	HMV.1-3/16"		
Ø 1 1/4"	HMY.1-1/4"	HMX.1-1/4"	HMW.1-1/4"	HMV.1-1/4"		
Ø 1 5/16"	HMY.1-5/16"	HMX.1-5/16"	HMW.1-5/16"	HMV.1-5/16"		
Ø 1 3/8"	HMY.1-3/8"	HMX.1-3/8"	HMW.1-3/8"	HMV.1-3/8"		
Ø 1 7/16"	HMY.1-7/16"	HMX.1-7/16"	HMW.1-7/16"	HMV.1-7/16"		
Ø 1 1/2"	HMY.1-1/2"	HMX.1-1/2"	HMW.1-1/2"	HMV.1-1/2"		
Ø 1 9/16"	HMY.1-9/16"	HMX.1-9/16"	HMW.1-9/16"	HMV.1-9/16"		
Ø 1 5/8"	HMY.1-5/8"	HMX.1-5/8"	HMW.1-5/8"	HMV.1-5/8"		
Ø 1 11/16"	HMY.1-11/16"	HMX.1-11/16"	HMW.1-11/16"	HMV.1-11/16"		
Ø 1 3/4"	HMY.1-3/4"	HMX.1-3/4"	HMW.1-3/4"	HMV.1-3/4"		
Ø 1 13/16"	HMY.1-13/16"	HMX.1-13/16"	HMW.1-13/16"	HMV.1-13/16"		
Ø 1 7/8"	HMY.1-7/8"	HMX.1-7/8"	HMW.1-7/8"	HMV.1-7/8"		
Ø 1 15/16"	HMY.1-15/16"	HMX.1-15/16"	HMW.1-15/16"	HMV.1-15/16"		

	DoC 3" Weldon	DoC 4" Weldon	DoC 6" Weldon	DoC 8" Weldon		
DIA	Ø 7/16" - 3"	Ø 7/16" - 8"	Ø 7/8" - 8"	Ø 7/8" - 8"		
	Code	Code	Code	Code		
Ø 2"	HMY.2"	HMX.2"	HMW.2"	HMV.2"		
Ø 2 1/16"	HMY.2-1/16"	HMX.2-1/16"	HMW.2-1/16"	HMV.2-1/16"		
Ø 2 1/8"	HMY.2-1/8"	HMX.2-1/8"	HMW.2-1/8"	HMV.2-1/8"		
Ø 2 3/16"	HMY.2-3/16"	HMX.2-3/16"	HMW.2-3/16"	HMV.2-3/16"		
Ø 2 1/4"	HMY.2-1/4"	HMX.2-1/4"	HMW.2-1/4"	HMV.2-1/4"		
Ø 2 5/16"	HMY. 2-5/16"	HMX. 2-5/16"	HMW. 2-5/16"	HMV.2-5/16"		
Ø 2 3/8"	HMY.2-3/8"	HMX.2-3/8"	HMW.2-3/8"	HMV.2-3/8"		
Ø 2 7/16"	HMY.2-7/16"	HMX.2-7/16"	HMW.2-7/16"	HMV.2-7/16"		
Ø 2 1/2"	HMY.2-1/2"	HMX.2-1/2"	HMW.2-1/2"	HMV.2-1/2"		
Ø 2 9/16"	HMY.2-9/16"	HMX.2-9/16"	HMW.2-9/16"	HMV.2-9/16"		
Ø 2 5/8"	HMY.2-5/8"	HMX.2-5/8"	HMW.2-5/8"	HMV.2-5/8"		
Ø 2 11/16"	HMY.2-11/16"	HMX.2-11/16"	HMW.2-11/16"	HMV.2-11/16"		
Ø 2 3/4"	HMY.2-3/4"	HMX.2-3/4"	HMW.2-3/4"	HMV.2-3/4"		
Ø 2 13/16"	HMY.2-13/16"	HMX.2-13/16"	HMW.2-13/16"	HMV.2-13/16"		
Ø 2 7/8"	HMY.2-7/8"	HMX.2-7/8"	HMW.2-7/8"	HMV.2-7/8"		
Ø 2 15/16"	HMY.2-15/16"	HMX.2-15/16"	HMW.2-15/16"	HMV.2-15/16"		
Ø 3"	HMY.3"	HMX.3"	HMW.3"	HMV.3"		
Ø 3 1/16"	-	HMX.3-1/16"	HMW.3-1/16"	HMV.3-1/16"		
Ø 3 1/8"		HMX.3-1/8"	HMW.3-1/8"	HMV.3-1/8"		
Ø 3 3/16"		HMX.3-3/16"	HMW.3-3/16"	HMV.3-3/16"		
Ø 3 1/4"		HMX.3-1/4"	HMW.3-1/4"	HMV.3-1/4"		
Ø 3 5/16"		HMX.3-5/16"	HMW.3-5/16"	HMV.3-5/16"		
Ø 3 3/8"		HMX.3-3/8"	HMW.3-3/8"	HMV.3-3/8"		
Ø 3 7/16"		HMX.3-7/16"	HMW.3-7/16"	HMV.3-7/16"		
Ø 3 1/2"		HMX.3-1/2"	HMW.3-1/2"	HMV.3-1/2"		
Ø 3 9/16"		HMX.3-9/16"	HMW.3-9/16"	HMV.3-9/16"		
Ø 3 5/8"		HMX.3-5/8"	HMW.3-5/8"	HMV.3-5/8"		
Ø 3 11/16"		HMX.3-11/16"	HMW.3-11/16"	HMV.3-11/16"		
Ø 3 3/4"		HMX.3-3/4"	HMW.3-3/4"	HMV.3-3/4"		
			HMW.3-13/16"	HMV.3-13/16"		
Ø 3 13/16"		HMX.3-13/16"				
Ø 3 7/8"		HMX.3-7/8"	HMW.3-7/8"	HMV.3-7/8"		
Ø 3 15/16"		HMX.3-15/16"	HMW.3-15/16"	HMV.3-15/16"		
Ø 4"		HMX.4"	HMW.4"	HMV.4"		
Ø 4 1/16"		HMX.4-1/16"	HMW.4-1/16"	HMV.4-1/16"		
Ø 4 1/8"		HMX.4-1/8"	HMW.4-1/8"	HMV.4-1/8"		
Ø 4 3/16"		HMX.4-3/16"	HMW.4-3/16"	HMV.4-3/16"		
Ø 4 1/4"		HMX.4-1/4"	HMW.4-1/4"	HMV.4-1/4"		
Ø 4 5/16"		HMX.4-5/16"	HMW.4-5/16"	HMV.4-5/16"		
Ø 4 3/8"		HMX.4-3/8"	HMW.4-3/8"	HMV.4-3/8"		
Ø 4 7/16"		HMX.4-7/16"	HMW.4-7/16"	HMV.4-7/16"		
Ø 4 1/2"		HMX.4-1/2"	HMW.4-1/2"	HMV.4-1/2"		
Ø 4 9/16"		HMX.4-9/16"	HMW.4-9/16"	HMV.4-9/16"		
Ø 4 5/8"		HMX.4-5/8"	HMW.4-5/8"	HMV.4-5/8"		
Ø 4 11/16"		HMX.4-11/16"	HMW.4-11/16"	HMV.4-11/16"		
Ø 4 3/4"		HMX.4-3/4"	HMW.4-3/4"	HMV.4-3/4"		
Ø 4 13/16"		HMX.4-13/16"	HMW.4-13/16"	HMV.4-13/16"		
Ø 4 7/8"		HMX.4-7/8"	HMW.4-7/8"	HMV.4-7/8"		
Ø 4 15/16"		HMX.4-15/16"	HMW.4-15/16"	HMV.4-15/16"		
Ø 5"		HMX.5"	HMW.5"	HMV.5"		
Ø 5 1/16"		HMX.5-1/16"	HMW.5-1/16"	HMV.5-1/16"		
Ø 5 1/8"		HMX.5-1/8"	HMW.5-1/8"	HMV.5-1/8"		



Weldon shank



Shank sizes

DIA Ø 7/16" - 2 3/8": 3/4"





DoC Depth of Cut measured inside cutter

TCT

Weldon shank



Shank sizesDIA Ø 7/16" - 2 3/8":
3/4"



DoC Depth of Cut measured inside cutter

	DoC 3" DoC 4" Weldon Weldon		DoC 6" Weldon	DoC 8" Weldon		
DIA	Ø 7/16" - 3" Ø 7/16" - 8"		Ø 7/8" - 8"	Ø 7/8" - 8"		
	Code	Code	Code	Code		
Ø 5 3/16"		HMX.5-3/16"	HMW.5-3/16"	HMV.5-3/16"		
Ø 5 1/4"		HMX.5-1/4"	HMW.5-1/4"	HMV.5-1/4"		
Ø 5 5/16"		HMX.5-5/16"	HMW.5-5/16"	HMV.5-5/16"		
Ø 5 3/8"		HMX.5-3/8"	HMW.5-3/8"	HMV.5-3/8"		
Ø 5 7/16"		HMX.5-7/16"	HMW.5-7/16"	HMV.5-7/16"		
Ø 5 1/2"		HMX.5-1/2"	HMW.5-1/2"	HMV.5-1/2"		
Ø 5 9/16"		HMX.5-9/16"	HMW.5-9/16"	HMV.5-9/16"		
Ø 5 5/8"		HMX.5-5/8"	HMW.5-5/8"	HMV.5-5/8"		
Ø 5 11/16"		HMX.5-11/16"	HMW.5-11/16"	HMV.5-11/16"		
Ø 5 3/4"		HMX.5-3/4"	HMW.5-3/4"	HMV.5-3/4"		
Ø 5 13/16"		HMX.5-13/16"	HMW.5-13/16"	HMV.5-13/16"		
Ø 5 7/8"		HMX.5-7/8"	HMW.5-7/8"	HMV.5-7/8"		
Ø 5 15/16"		HMX.5-15/16"	HMW.5-15/16"	HMV.5-15/16"		
Ø 6"		HMX.6"	HMW.6"	HMV.6"		
Ø 6 1/16"		HMX.6-1/16"	HMW.6-1/16"	HMV.6-1/16"		
Ø 6 1/8"		HMX.6-1/8"	HMW.6-1/8"	HMV.6-1/8"		
Ø 6 3/16"		HMX.6-3/16"	HMW.6-3/16"	HMV.6-3/16"		
Ø 6 1/4"		HMX.6-1/4"	HMW.6-1/4"	HMV.6-1/4"		
Ø 6 5/16"		HMX.6-5/16"	HMW.6-5/16"	HMV.6-5/16"		
Ø 6 3/8"		HMX.6-3/8"	HMW.6-3/8"	HMV.6-3/8"		
Ø 6 7/16"		HMX.6-7/16"	HMW.6-7/16"	HMV.6-7/16"		
Ø 6 1/2"		HMX.6-1/2"	HMW.6-1/2"	HMV.6-1/2"		
Ø 6 9/16"		HMX.6-9/16"	HMW.6-9/16"	HMV.6-9/16"		
Ø 6 5/8"		HMX.6-5/8"	HMW.6-5/8"	HMV.6-5/8"		
Ø 6 11/16"		HMX.6-11/16"	HMW.6-11/16"	HMV.6-11/16"		
Ø 6 3/4"		HMX.6-3/4"	HMW.6-3/4"	HMV.6-3/4"		
Ø 6 13/16"		HMX.6-13/16"	HMW.6-13/16"	HMV.6-13/16"		
Ø 6 7/8"		HMX.6-7/8"	HMW.6-7/8"	HMV.6-7/8"		
Ø 6 15/16"		HMX.6-15/16"	HMW.6-15/16"	HMV.6-15/16"		
Ø 7"		HMX.7"	HMW.7"	HMV.7"		
Ø 7 1/16"		HMX.7-1/16"	HMW.7-1/16"	HMV.7-1/16"		
Ø 7 1/8"		HMX.7-1/8"	HMW.7-1/8"	HMV.7-1/8"		
Ø 7 3/16"		HMX.7-3/16"	HMW.7-3/16"	HMV.7-3/16"		
Ø 7 1/4"		HMX.7-1/4"	HMW.7-1/4"	HMV.7-1/4"		
Ø 7 5/16"		HMX.7-5/16"	HMW.7-5/16"	HMV.7-5/16"		
Ø 7 3/8"		HMX.7-3/8"	HMW.7-3/8"	HMV.7-3/8"		
Ø 7 7/16"		HMX.7-7/16"	HMW.7-7/16"	HMV.7-7/16"		
Ø 7 1/2"		HMX.7-1/2"	HMW.7-1/2"	HMV.7-1/2"		
Ø 7 9/16"		HMX.7-9/16"	HMW.7-9/16"	HMV.7-9/16"		
Ø 7 5/8"		HMX.7-5/8"	HMW.7-5/8"	HMV.7-5/8"		
Ø 7 11/16"		HMX.7-11/16"	HMW.7-11/16"	HMV.7-11/16"		
Ø 7 3/4"		HMX.7-3/4"	HMW.7-3/4"	HMV.7-3/4"		
Ø 7 13/16"		HMX.7-13/16"	HMW.7-13/16"	HMV.7-13/16"		
Ø 7 7/8"		HMX.7-7/8"	HMW.7-7/8"	HMV.7-7/8"		
Ø 7 15/16"		HMX.7-15/16"	HMW.7-15/16"	HMV.7-15/16"		
Ø 7 15/16"						
ν ₀		HMX.8"	HMW.8"	HMV.8"		

6 piece cutter sets



Set TCT metric

DoC 35 mm

- 6 piece annular cutter set
- Cutter sizes Ø 12, 14, 16, 18, 20, 22 mm
- Pilot pins IBC.75 & IBC.85 included

TCT-KIT

Set TCT imperial

DoC 55 mm

- 6 piece annular cutter set
- Cutter sizes Ø 12, 14, 16, 18, 20, 22 mm
- Pilot pins IBC.80 & IBC.90 included

TCT.KIT/L

10 piece cutter sets



DoC 35 mm

- 10 piece annular cutter set
- Cutter sizes 3 x Ø 14, 3 x Ø 18, 2 x Ø 22, 2 x Ø 26 mm
- Pilot pins IBC.75 & IBC.85 included

TCT.KIT/10S-M1

DoC 1"

- 10 piece annular cutter set
- Cutter sizes 2 x Ø 9/16", 2 x Ø 11/16", 2 x Ø 13/16", 2 x Ø 7/8", Ø 15/16", Ø 1"
- Pilot pins IBC.75 & IBC.85 included

TCT.KIT/10S-I1

DoC 1"

- 10 piece annular cutter set
- Cutter sizes 3 x Ø 9/16", 3 x Ø 13/16", 3 x Ø 7/8", Ø 15/16"
- Pilot pins IBC.75 & IBC.85 included

TCT.KIT/10S-I2



DoC 55 mm

- 10 piece annular cutter set
- Cutter sizes 3 x Ø 14, 3 x Ø 18, 2 x Ø 22, 2 x Ø 26 mm
- Pilot pins IBC.80 & IBC.90 included

TCT.KIT/10L-M1

DoC 2"

- 10 piece annular cutter set
- Cutter sizes 2 x Ø 9/16", 2 x Ø 11/16",
 2 x Ø 13/16", 2 x Ø 7/8", Ø 15/16", Ø 1"
- Pilot pins IBC.80 & IBC.90 included

TCT.KIT/10L-I1

DoC 2"

- 10 piece annular cutter set
- Cutter sizes 3 x Ø 9/16", 3 x Ø 13/16", 3 x Ø 7/8", Ø 15/16"
- Pilot pins IBC.80 & IBC.90 included

TCT.KIT/10L-I2

Annular Cutter

Tungsten Carbide Tipped Rail

Euroboor TCT Rail cutters are specifically designed to pierce through the toughest rail grades with the greatest of ease. The super micro-grain (SANDVIK) tungsten carbide tips contain optimized cutting angles and ensure vigorous and smooth cutting performance. The cutter body is specially engineered to provide

maximum stability and support to cope with the extremely high torques generated in the cutting process. The design of the specific flutes has been based on keeping a horizontal drilling position and the type of chips from high tensile strength steel in mind, resulting in optimal chip removal.

TCT Rail	material a	pplication	Optimal O Good O Possible										
Plastics GRP/CRP	Brass, Copper, Tin	Grey cast iron	Steel						Stainless steel A		n	Exotic materials, Inconnell, Nimonic, Hardox, Hastelloy	Rails
			< 500N	< 750N	< 900N	< 1100N	< 1400N	< 900N	≤ 900N	< 10% Si	≤ 10% Si		
	0	•	•	•	•	•	•	•	•	•	•	•	•

DoC 35 mm *



Shank sizes
DIA Ø 12 - 36 mm:
19,05 mm (3/4")

DoC
Depth of Cut measured inside cutter

	Weldon					
Ø 17 - 36 mm						
Code	Code					
TRCS.170S	TRCS.170					
TRCS.180S	TRCS.180					
TRCS.190S	TRCS.190					
TRCS.200S	TRCS.200					
TRCS.210S	TRCS.210					
TRCS.220S	TRCS.220					
TRCS.230S	TRCS.230					
TRCS.240S	TRCS.240					
TRCS.250S	TRCS.250					
TRCS.260S	TRCS.260					
TRCS.270S	TRCS.270					
TRCS.280S	TRCS.280					
TRCS.290S	TRCS.290					
TRCS.300S	TRCS.300					
TRCS.310S	TRCS.310					
TRCS.320S	TRCS.320					
TRCS.330S	TRCS.330					
TRCS.340S	TRCS.340					
TRCS.350S	TRCS.350					
TRCS.360S	TRCS.360					
	Code TRCS.170S TRCS.180S TRCS.190S TRCS.200S TRCS.210S TRCS.220S TRCS.220S TRCS.230S TRCS.240S TRCS.250S TRCS.250S TRCS.260S TRCS.270S TRCS.280S TRCS.290S TRCS.300S TRCS.300S TRCS.310S TRCS.310S TRCS.320S TRCS.330S TRCS.330S TRCS.340S TRCS.350S					

DoC 25 mm

*availability on request

Key specs:

28 2800 motor power revolutions weight



- 1 Cutter position at the cutter sharpening blade
- 2 Motor adjustment
- 3 Laser guidance



- 4 SDC grinding wheel for resharpening teeth ERM3.0002
- 5 CBN grinding wheel for flutes ERM3.001/0011

ERM.100/3

Resharpening machine



Watch our machines in action on: www.youtube.com/euroboorby

- Resharpens cutters from Ø 12 44 mm in cutting depths of 25 – 55 mm
- Easy angle adjustment; simple alignment to original geometry
- Laser guided cutter alignment ensures correct positioning of cutting edge to the wheel
- Motor positioning
- Including CBN grinding wheel for cutter flutes
- SDC grinding wheel for cutters (optional)

Technical data	
Dimensions (I x w x h)	480 x 300 x 320 mm
Weight	28 kg
Motor power	0,25 kW
Noise emission	< 70 dBa
Grinding disk	Ø 125 mm
Wheel bore	10 mm
Shaft bore	19,05 mm Weldon
Speed (no load)	2800 rpm
Voltage	110 - 120 V / 60 Hz
Voltage	220 - 240 V / 50 - 60 Hz

Standard supply

CBN grinding wheel

Index plate T4/T8 & T5/T10

ERM3.0001

ERM3.0009

Index plate T9
ERM3.0010

Index plate T6 & T7

Optionally available

SDC grinding wheel (teeth)

ERM3.0002

CBN grinding wheel

ERM3.0011





Pilot pins are essential for the use of annular cutters, as they provide the following practical uses:

- Centration of cutter
- Control of oil flow
- Slug ejection

Overview

IBC.70

IBC 70/2

IBC.75

IBC.80

IBC.85

IBC.90

IBC.100

IBC.110

IBC.120

IBC.130

IBC.140

IBC.150

As plain as a pilot pin may look, all of these uses require high precision and extremely low tolerances – just to make sure

77 mm (3")

79 mm (3")

87 mm (3 7/16")

103 mm (4 1/16")

90 mm (3 9/16")

165 mm (6 1/2")

120 mm (4 3/4")

162 mm (6 3/8")

123 mm (4 13/16") 8 mm (5/16")

150 mm (5 15/16") 8 mm (5/16")

252 mm (9 15/16") 8 mm (5/16")

102 mm (4")

the centre is exactly the centre, oil flow starts and stops when you need it to, and the slug does not get stuck inside the cutter.

We offer a wide range of pilot pins that match the lengths, diameters and characteristics of our various annular cutters with exactly the required precision to enhance your drilling job in the best way possible.

*Extended pilot pin

Specifically for use with long cutters and drilling in very thick workpieces. Makes it possible to continue drilling without midprocess replacement. Suitable for use with longer cutters as from 75 mm (3").





Place pilot pin through the shank, and attach extension through the bottom inside of the cutter.

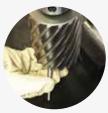
IBC.160 201 mm (7 15/16") 8 mm (5/16") IBC K25 125 mm (4 15/16") 6,35 mm (1/4") 155 mm (6 1/8") IBC.K50 IBC.K75 177 mm (7") 6.35 mm (1/4") IBC.K100 6,35 mm (1/4") 204 mm (8") IBC.2P-130* 130 mm (5 1/8") 8 mm (5/16") IBC.2P-144* 144 mm (5 11/16") 8 mm (5/16") 157 mm (6 3/16") 8 mm (5/16") IBC.157 IBC.2P-168* 168 mm (6 5/8") 8 mm (5/16") IBC.2P-205* 205 mm (8 1/16") 8 mm (5/16") IBC.2P-256* 256 mm (10 1/16") 8 mm (5/16")

LEUROBOOR





Start drilling. Stop at approx. 50 mm depth.





Remove the extension.

Commence drilling until slug ejection.

For our IBC.70 and IBC.90 pilot pins we also offer sets:

3 x IBC.70

3 x IBC.90

6,35 mm (1/4")

6,35 mm (1/4")

6,35 mm (1/4")

8 mm (5/16")

8 mm (5/16")

6,35 mm (1/4")

6,35 mm (1/4")

6,35 mm (1/4")

8 mm (5/16")

IBC.70-SET

IBC.90-SET

Pilot pin features

Precise positioning

 Whilst having a perfect fit the Euroboor pilot pin is your guidance to center the cutter.



Material

Locks off oil flow

- The pilot pin cuts-off oil flow in stand still.
- If drilling starts the pilot pin is pushed into the arbor and permits the oil to flow in the cutter for direct cooling and lubricating.



Ejects plug

- If the cutter is through the material the pilot pin pushes the slug out by means of the strong spring inside the arbor.
- Oil flow is cut-off.



Pilot pin recommendations

HSS metric - 30 mm

HCS (DoC 30 mm)	
Ø 12 - 60 mm	Ø 61 - 100 mm
IBC.70 (6,35 x 77 mm)	IBC.85 (8,00 x 90 mm)
HCSU (DoC 30 mm)	
Ø 12 - 60 mm	
IBC.90 (6,35 x 102 mm)	

HSS metric - 55 mm

HCL (DoC 55 mm)	
Ø 12 - 60 mm	Ø 61 - 100 mm
IBC.90 (6,35 x 102 mm)	IBC.100 (8,00 x 123 mm)
	IBC.2P-130 (8,00 x 130 mm)
HCLU (DoC 55 mm)	
Ø 12 - 60 mm	
IBC-70 (6.35 x 77 mm)	

HSS metric - 75 & 100 mm

HCY (DoC 75 mm)	HCX (DoC 100 mm)
Ø 14 - 50 mm	Ø 18 - 50 mm
IBC-K25 (6.35 x 125 mm)	IBC-K50 (6.35 x 155 mm)

HSS imperial - 1"

HCLU (DoC 2")
Ø 7/16" - 2 5/16"
IBC.70 (6,35 x 77 mm)

HCS (DoC 1")	
Ø 7/16" - 2 5/16"	Ø 2 3/8" - 3"
IBC.70 (6,35 x 77 mm))	IBC.85 (8,00 x 90 mm)
HSS imperial - 2"	
Ø 7/16" - 2 5/16"	Ø 2 3/8" - 4"
IBC.90 (6,35 x 102 mm)	IBC.100 (8,00 x 123 mm)
	IBC.2P-130 (8,00 x 130 mm)

HSS Stack metric - 55 & 75 mm

HCPL (DoC 55 mm)	HCPY (DoC 75 mm)
Ø 18 - 32 mm	Ø 18 - 32 mm
IBC.90 (6,35 x 102 mm)	IBC.K25 (6,35 x 125 mm)

HSS Stack imperial - 1" & 2"

HCPL (DoC 1")	HCPY (DoC 2")
Ø 11/16" - 1 1/4"	Ø 11/16" - 1 1/4"
IBC.90 (6,35 x 102 mm)	IBC.K25 (6,35 x 125 mm)

HSS-Cobalt metric - 30 mm

IBS (DoC 30mm)	
Ø 12 - 60 mm	
IBC.70 (6,35 x 77 mm)	

HSS-Cobalt metric - 55 mm

IBL (DoC 55 mm)	
Ø 12 - 60 mm	
IBC.90 (6.35 x 102 mm)	

HSS-Cobalt imperial - 1"

JBS (DoC 1")	
Ø 7/16" - 2 5/16"	
IBC.70 (6,35 x 77 mm)	

HSS-Cobalt imperial - 2"

JBL (DoC 2")
Ø 7/16" - 2 5/16"
IBC.90 (6,35 x 102 mm)

HSS-Cobalt imperial - 3"

JBL (DoC 3")	
Ø 7/16" - 2 5/16"	
BC.K25 (6,35 x 125 mm)	



TCT metric - 35 mm

HMS (DoC 35 mm) ∅ 12 - 17 mm IBC.75 (6,35 x 87 mm) ∅ 18 - 50 mm IBC.85 (8,00 x 90 mm) HMSU (DoC 35 mm) ∅ 12 - 17 mm IBC.75 (6,35 x 87 mm) ∅ 18 - 60 mm IBC.85 (8,00 x 90 mm)

TCT metric - 55 mm

HML (DoC 55 mm)	
Ø 12 - 17 mm	Ø 51 - 60 mm
IBC.90 (6,35 x 102 mm)	IBC.80 (8,00 x 103 mm)
Ø 18 - 50 mm	Ø 61 - 200 mm
IBC.85 (8,00 x 90 mm)	IBC.100 (8,00 x 123 mm)
	IBC.2P-130 (8,00 x 130 mm)
HMLU (DoC 55 mm)	
Ø 12 - 17 mm	
IBC.90 (6,35 x 102 mm)	
Ø 18 - 60 mm	
IBC.80 (8,00 x 103 mm)	

TCT metric - 75 & 100 mm

HMY (DoC 75 mm)	HMX (DoC 100 mm)
Ø 12 - 17 mm	Ø 12 - 17 mm
IBC.K25 (6,35 x 125 mm)	IBC.K50 (6,35 x 155 mm)
Ø 18 - 50 mm	IBC.110 (6,35 x 160 mm)
IBC.100 (8,00 x 123 mm)	Ø 18 - 200 mm
IBC.2P-130 (8,00 x 130 mm)	IBC.140 (8,00 x 150 mm)
	IBC.130 (8,00 x 157 mm)
	IBC.157 (8,00 x 157 mm)
	IBC.2P-168 (8,00 x 168 mm)

TCT metric - 150 & 200 mm

HMW (DoC 150 mm)	HMV (DoC 200 mm)
Ø 22 - 200 mm	Ø 22 - 200 mm
IBC.160 (8,00 x 201 mm)	IBC.150 (8,00 x 252 mm)
IBC.2P-205 (8,00 x 205 mm)	IBC.2P-256 (8,00 x 256 mm)

TCT imperial - 1"

HMS (DoC 1")	
Ø 7/16" - 11/16"	2" - 3"
IBC.75 (6,35 x 87 mm)	IBC.80 (8,00 x 103 mm)
3/4" - 1 15/16"	
IBC.85 (8,00 x 90 mm)	
HMSU (DoC 1")	
Ø 7/16" - 11/16"	
IBC.75 (6,35 x 87 mm)	
Ø 3/4" - 2 5/16"	
IBC.85 (8,00 x 90 mm)	

TCT imperial - 2"

HML (DoC 2")	
Ø 7/16" - 11/16"	2" - 2 5/16"
IBC.90 (6,35 x 102 mm)	IBC.80 (8,00 x 103 mm)
3/4" - 1 15/16"	Ø 2 3/8" - 8"
IBC.85 (8,00 x 90 mm)	IBC.100 (8,00 x 123 mm)
	IBC.2P-130 (8,00 x 130 mm)
HMLU (DoC 2")	
Ø 7/16" - 11/16"	
IBC.90 (6,35 x 102 mm)	
Ø 3/4" - 2 5/16"	
IBC.80 (8,00 x 103 mm)	

TCT imperial - 3" & 4"

HMY (DoC 3")	HMX (DoC 4")
Ø 7/16" - 11/16"	Ø 7/16" - 11/16"
IBC.K25 (6,35 x 125 mm)	IBC.K50 (6,35 x 155 mm)
Ø 3/4"- 3"	IBC.110 (6,35 x 160 mm)
IBC.100 (8,00 x 123 mm)	Ø 3/4" - 8"
IBC.2P-130 (8,00 x 130 mm)	IBC.140 (8,00 x 150 mm)
	IBC.130 (8,00 x 157 mm)
	IBC.157 (8,00 x 157 mm)
	IBC.2P-168 (8,00 x 168 mm)

TCT imperial - 6" & 8"

HMW (DoC 6")	HMV (DoC 8")
Ø 7/8" - 8"	Ø 7/8" - 8"
IBC.160 (8,00 x 201 mm)	IBC.150 (8,00 x 252 mm)
IBC.2P-205 (8,00 x 205 mm)	IBC.2P-256 (8,00 x 256 mm)

TCT Rail metric - 25 & 35 mm

TRCS (DoC 25 mm)	TRCS (DoC 35 mm)
Ø 17 - 36 mm	Ø 17 - 36 mm
IBC.70 (6,35 x 77 mm)	IBC.75 (6,35 x 87 mm)



Weldon twist drills

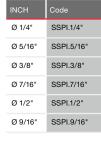
HSS 19,05 mm (3/4") Weldon shank. 118° split point. Available in 30 mm, 55 mm length, 1 3/16" and 2 3/16" (DoC). Machined from one solid blank (no weak spots caused by inferior material or welds).

DoC 30 mm DIA Ø 6 - 14 mm



ММ	Code	INCH
Ø6	SSPI.06	Ø 1/4
Ø7	SSPI.07	Ø 5/
Ø8	SSPI.08	Ø 3/8
Ø9	SSPI.09	Ø 7/
Ø 10	SSPI.10	Ø 1/2
Ø 11	SSPI.11	Ø 9/
Ø 12	SSPI.12	
Ø 13	SSPI.13	

SSPI.14





DIA Ø 6 - 14 mm

DoC 2 3/16" DIA Ø 1/4" - 9/16" Code









6 piece Weldon twist drill set

- HSS 19,05 mm (3/4") Weldon shank
- 118° split point
- 30 mm length (DoC)
- Sizes Ø 6 11 mm, 1 mm increments

6 piece Weldon twist drill set

- HSS 19,05 mm (3/4") Weldon shank
- 118° split point
- 55 mm length (DoC)
- Sizes Ø 6 11 mm, 1 mm increments

Countersinks

- HSS 19,05 mm (3/4") Weldon shank
- 3 cutting edges

ММ	Code
Ø 10 - 25	SCE.25
Ø 10 - 40	SCE.40
Ø 15 - 50	SCE.50





Straight shank countersinks

ММ	Code
Ø 6,3	CSB.63
Ø 8,3	CSB.83
Ø 10,4	CSB.104
Ø 12,4	CSB.124
Ø 16,5	CSB.165
Ø 20,5	CSB.205

6 piece straight shank countersink set

- Sizes Ø 6,3 8,3 10,4 12,4 16,5 20,5 mm
- HSS-Cobalt (M35 quality) straight shank
- Compatible with every drill chuck
- 3 cutting edges
- 90°

CBS.620



Twist drills

- HSS-Cobalt (M35 quality)
- 135° split point
- · Compatible with every drill chuck





ММ	Code
Ø 4,2	TDCO.042
Ø 4,5	TDCO.045
Ø 5,0	TDCO.050
Ø 5,5	TDCO.055
Ø 6,0	TDCO.060
Ø 6,5	TDCO.065
Ø 6,8	TDCO.068
Ø 7,0	TDCO.070

ММ	Code	Code
Ø 7,5	TDCO.075	
Ø 8,0	TDCO.080	TDCO.080/D
Ø 8,5	TDCO.085	TDCO.085/D
Ø 9,0	TDCO.090	TDCO.090/D
Ø 9,5	TDCO.095	TDCO.095/D
Ø 10,0	TDCO.100	TDCO.100/D
Ø 10,2	TDCO.102	TDCO.102/D
Ø 10,5	TDCO.105	TDCO.105/D

ММ	Code	Code
Ø 11,0	TDCO.110	TDCO.110/D
Ø 11,5	TDCO.115	TDCO.115/D
Ø 12,0	TDCO.120	TDCO.120/D
Ø 12,5	TDCO.125	TDCO.125/D
Ø 13,0	TDCO.130	TDCO.130/D

All sizes packaged and sold per 10 pieces. DIA Ø 8,0 - 13,0 mm also sold per 5 pieces (TDCO/D). Also available as 19-piece (TDS.100) and 25-piece (TDS.200) set.

25 piece twist drill set

- Sizes Ø 1 13 mm, 0,5 mm increments
- HSS TiN coated
- DIN 338
- 118° point
- · Compatible with every drill chuck

TDS.190



19 piece twist drill set

- Sizes Ø 1 10 mm, 0,5 mm increments
- HSS-Cobalt (M35 quality)
- DIN 338
- 135° split point
- Compatible with every drill chuck
- Drills also sold per 5 and 10 pieces

TDS.100



25 piece twist drill set

- Sizes Ø 1 13 mm, 0,5 mm increments
- HSS-Cobalt (M35 quality)
- DIN 338
- 135° split point
- Compatible with every drill chuck
- Drills also sold per 5 and 10 pieces



Step drills

- HSS TiN coated
- Spiral flute for efficient chip removal

Step drills

ММ	Code
Ø 4 - 12	ESD.412
Ø 4 - 20	ESD.420
Ø 6 - 30	ESD.630

3-piece step drill set

- Sizes:
- Ø 4 12 mm
- Ø 4 20 mm
- Ø 6 30 mm
- HSS TiN coated
- Spiral flute for efficient chip removal

ESS.430/2

After drilling aid

Magnetic Stick for cleaning up metal shavings.

Ø 22 x 400 mm (Ø 7/8" x 15 3/4")

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. The Euroboor Magic Stick is strong enough to quickly clean up your biggest mess of metal shavings.

- Clean up sharp-edged metal chips, screws and other metal parts easily
- Items are safely ejected off of Magic Stick without hand contact
- Ideal for hard-to-reach spaces

MAGICSTICK





Tapping chucks

Morse Taper torque limiting tapping chucks

Specifically designed for use in combination with portable Magnetic Drilling Machines.



- + Quick and precise installation of taps
- + Increased operation accuracy
- Drastically reduced risk of broken taps and destroyed threads



Including

- Slip clutch torque limiter
- Clear torque limiter adjustment scale
- Full instruction manual including:
- Installation and mounting guide
- Torque setting guide
- Tapping speed guide
- m/min (ft/min) to rpm calculation
- Cutting fluid recommendation
- Maintenance guide
- Full "all parts" servicing possibility
- Complete delivery including:
- 2 different rubber centration collets
- All tools required for installation and adjustment



Torque limiting tapping chuck MT3

Machine tap sizes 8 up to 20 mm (5/16" up to 3/4")

ETC.2

Machine tap sizes
 14 up to 30 mm
 (1/2" up to 1 3/16")

ETC.3



Tapping chuck MT2 - 3

- Quick Change M5 M12 (3/16" 1/2")
- Including rubber clamps
 - GSW.172121 (Ø 4 7 mm) - GSW.172122 (Ø 7 - 10 mm)
- GSW.172122 (Ø

 Auto reverse

GSW.512R

Tapping chuck MT3 - 4

- Quick Change M8 M20 (5/16" 3/4")
- Including rubber clamps
 GSW.172202 (Ø 10,38 14 mm)
- GSW.172203 (Ø 16 mm)
- Auto reverse

GSW.820R



Rubber clamp

suitable for GSW.830
 (Ø 9,0 up to 16,0 mm)

VSP.160

Rubber clamp

suitable for GSW.830
 (Ø 16,0 up to 23,0 mm)

VSP.230



Tapping chuck MT3

- M10 up to M30 (3/8" 13/16")Including rubber clamps
 - VSP.160 (Ø 9 16 mm)
 - VSP.230 (Ø 16 23 mm)
- Auto reverse

GSW.830

Feature overview

	Morse Taper	Тар са	pacity	Slip clutch	Automatic reverse
ETC.2	MT3	M8 - M20	5/16" - 3/4"	•	-
ETC.3	MT3	M14 - M30	1/2" - 1 3/16"	•	-
GSW.512R	MT2 / 3	M5 - M12	3/16" - 1/2"	-	•
GSW.820R	MT3 / 4	M8 - M20	5/16" - 3/4"	-	•
GSW.830	MT3	M10 - M30	3/8" - 1 3/16"	-	•

Tap holders (Weldon)

DIN 376

Tap holder	Shank	Code
M8	Ø 6 mm	TCM.08D376
M10	Ø 7 mm	TCM.10D376
M12	Ø 9 mm	TCM.12D376
M14	Ø 11 mm	TCM.14D376
M16	Ø 12 mm	TCM.16D376
M18	Ø 14 mm	TCM.18D376
M20	Ø 16 mm	TCM.20D376
M22 - 24	Ø 18 mm	TCM.22D376
M27	Ø 20 mm	TCM.27D376
M30	Ø 22 mm	TCM.30D376

ISO 529

Tap holder	Shank	Code
M8	Ø 8 mm	TCM.08I529
M10	Ø 10 mm	TCM.10I529
M12	Ø 9 mm	TCM.12I529
M14	Ø 11,2 mm	TCM.14I529
M16	Ø 12,5 mm	TCM.16I529
M18	Ø 14 mm	TCM.18I529
M20	Ø 14 mm	TCM.20I529
M22	Ø 16 mm	TCM.22I529
M24	Ø 18 mm	TCM.24I529
M27 - 30	Ø 20 mm	TCM.27D376

ASA

Tap holder	Shank	Code
1/4"	Ø 6,5 mm	TCM.1/4"ASA
5/16"	Ø 8,07 mm	TCM.5/16"ASA
3/8"	Ø 9,68 mm	TCM.3/8"ASA
7/16"	Ø 8,2 mm	TCM.7/16"ASA
1/2"	Ø 9,29 mm	TCM.1/2"ASA
9/16"	Ø 10,9 mm	TCM.9/16"ASA
5/8"	Ø 12,17 mm	TCM.5/8"ASA
11/16"	Ø 13,77 mm	TCM.11/16"ASA
3/4"	Ø 14,9 mm	TCM.3/4"ASA
13/16"	Ø 16,5 mm	TCM.13/16"ASA
15/16"	Ø 19,2 mm	TCM.15/16"ASA
1"	Ø 20,2 mm	TCM.1"ASA
1 1/16"	Ø 22,5 mm	TCM.1-1/16"ASA
1 1/8"	Ø 22,7 mm	TCM.1-1/8"ASA
1 3/16"	Ø 25,7 mm	TCM.1-3/16"ASA

JIS

Tap holder	Shank	Code
M12	Ø 8,5 mm	TCM.12JIS
M14	Ø 10,5 mm	TCM.14JIS
M16	Ø 12,5 mm	TCM.16I529





Machine taps

Euroboor machine taps are high precision tools produced according to DIN standard (DIN 371/376) from Cobalt reinforced High Speed Steel (M35 quality).

Green ring

- Blank finish
- For use in materials such as construction steel, aluminum, zinc, lead, copper and brass

White ring

- Black oxide finish for improved durability
- For use in materials such as cast iron and stainless steel



Through holes

Green ring	Size	Specification	White ring
910.030C	M3 x 0,5	DIN 371	910.030V
910.040C	M4 x 0,7	DIN 371	910.040V
910.050C	M5 x 0,8	DIN 371	910.050V
910.060C	M6 x 1,0	DIN 371	910.060V
910.080C	M8 x 1,25	DIN 371	910.080V
910.100C	M10 x 1,5	DIN 371	910.100V
900.100C	M10 x 1,5	DIN 376	900.100V
900.120C	M12 x 1,75	DIN 376	900.120V
900.140C	M14 x 2,0	DIN 376	900.140V
900.160C	M16 x 2,0	DIN 376	900.160V
900.180C	M18 x 2,5	DIN 376	900.180V
900.200C	M20 x 2,5	DIN 376	900.200V
900.220C	M22 x 2,5	DIN 376	900.220V
900.240C	M24 x 3,0	DIN 376	900.240V
900.270C	M27 x 3,0	DIN 376	900.270V
900.300C	M30 x 3,0	DIN 376	900.300V



We offer the following application choices:

Through holes

 Right-handed thread, straight flute



Blind holes

Right-handed thread, spiral flute





Blind holes

Green ring	Size	Specification	White ring
910.031C	M3 x 0,5	DIN 371	910.031V
910.041C	M4 x 0,7	DIN 371	910.041V
910.051C	M5 x 0,8	DIN 371	910.051V
910.061C	M6 x 1,0	DIN 371	910.061V
910.081C	M8 x 1,25	DIN 371	910.081V
910.101C	M10 x 1,5	DIN 371	910.101V
900.101C	M10 x 1,5	DIN 376	900.101V
900.121C	M12 x 1,75	DIN 376	900.121V
900.141C	M14 x 2,0	DIN 376	900.141V
900.161C	M16 x 2,0	DIN 376	900.161V
900.181C	M18 x 2,5	DIN 376	900.181V
900.201C	M20 x 2,5	DIN 376	900.201V
900.221C	M22 x 2,5	DIN 376	900.221V
900.241C	M24 x 3,0	DIN 376	900.241V
900.271C	M27 x 3,0	DIN 376	900.271V
900.301C	M30 x 3,0	DIN 376	900.301V



Tap and Twist drill set

14 piece tap and twist drill set

- HSS-Cobalt (M35 quality)
- DIN 371 / 376
- Through holes: right-handed thread, straight flute
- White ring: Black oxide finish for improved durability. For use in materials such as cast iron and stainless steel
- Twist drills (TDCO-series) also sold per 5 and 10 pieces and taps also available separately

DTS.312

Twist drills	Taps
Ø 2,5 mm	МЗ
Ø 3,3 mm	M4
Ø 4,2 mm	M5
Ø 5 mm	M6
Ø 6,8 mm	M8
Ø 8,5 mm	M10
Ø 10,2 mm	M12

Drill tap combination sets



- Drilling & tapping with 1 tool
- Also suitable for hard metals (such as stainless steel)
- - No need for drill chuck adapter
 - No need for drill chuck
- No need for tap holder
- Time saver:
 - No need finding the correct tool
 - No need to interchange tools
 - No need to reposition drilling machine
- Especially suitable for on-the-job tasks with limitations to the amount of tools you can bring along.
- HSS-Cobalt (M35 quality)
- Black oxide coating

Application

- Alloy steels, castings & forgings
- Suitable and directly fitting (19,05 mm Weldon connection) to Euroboor Magnetic Drilling Machines:

ECO.50-T ECO.55-T

ECO.55-TA (manual)

ECO.100/4

ECO.100/4 D

TUBE.55-T











Drill tap combination sets

- Delivered in luxury case
- Content: EDT.08, EDT.10 and EDT.12

EDT.SET/1

- Delivered in luxury case
- Content: EDT.14, EDT.16 and EDT.18

EDT.SET/2





B60(S)



Watch our machines in action on: www.youtube.com/euroboorby

- Maximum bevel depth of 24 mm, at an angle of 45°
- Powerful High Efficiency motor
- Smooth control with clear, precise and simple (protected) control buttons
- Clear indicator for angle-setting, up to 60°
- Suitable for both plate and pipe material up to 600 mm
- Simple replacement and indexation of the cutting plates
- Wide and soft handles

Extra features B60S:

- Exceptional powerful motor (1800 W)
- Variable speed, including material type indicator
- Extremely suitable for stainless steel (with the use of stainless steel guide plate)
- Overload protection

Technical data	B60	B60S	
Spindle speed rpm	2850	1675 - 2850	
Max. bevel depth	24 mm (4	5° angle)	
Bevel angle	0° -	60°	
Pipe diameter	150 - 6	00 mm	
Length	415 mm		
Width	375 mm		
Height	268 mm		
Weight	24,1 kg		
Motor power	1100 W 1800 V		
Valtage	110 - 120 V / 60 Hz		
Voltage	220 - 240 V / 50 - 60 Hz		

Accessories B60(S)

Carbide cutting plates

(Sold per 10 pieces)

LKS.15

For the LKF.210(S)*

LKS.15/LKF

*Discontinued machine



Key specs:





EDG.600

Electric die grinder



Watch our machines in action on www.youtube.com/euroboorby

- Lightweight, small and compact design for use in tight spaces
- Easy to hold and carry
- Ideal for finishing dies, press working, die casting and moulding work
- Variable speed dial with indicator

Technical data						
Weight	1,8 kg					
Motor power	600 W					
Speed (no load)	12.000 - 27.000 rpm					
Collet	6 mm					
Valtage	110 - 120 V / 60 Hz					
Voltage	220 - 240 V / 50 - 60 Hz					

Available as

Carton box

EDG.600

Luxury case

EDG.600 CASE

Luxury case set, including a 10 pieces rotary burrs set.
 Set includes:

Rotary Burrs type B cylinder with end cut (RB.B0606 + RB.B1206)
Rotary Burrs type C cylinder ball nose (RB.C0606 + RB.BC1206)
Rotary Burrs type D cylinder ball (RB.D0606 + RB.D1206)
Rotary Burrs type F cylinder ball nose tree (RB.F0606 + RB.F1206)
Rotary Burrs type G cylinder arc pointed tree (RB.G0606 + RB.G1206)

EDG.600 SET



Key specs:



Easy to use variable speed dial with indicator.

Key specs:









0,53 weight ADG.2A

0,67 weight ADG.2S

min 6.3 bar (90 PSI)

20.000 revolutions

ADG.2A



ADG.2S

ADG.2(A/S)

Air die grinders



Watch our machines in action on: www.youtube.com/euroboorby

- Excellent for grinding, polishing, deburring and smoothing sharp edges
- Four-speed rear regulator
- 360 degrees adjustable exhaust deflector
- Safety lever trigger
- Standard 6 mm collet
- Optional 1/4" collet

Technical data	ADG.2A	ADG.2S	
Weight	0,53 kg	0,67 kg	
Free speed	20.00	0 rpm	
Collet	6 r	nm	
Air inlet (PT)	1/4"		
Air hose (ID)	3/	8"	
Avg. air consumption	4 SCFM	5 SCFM	
Working pressure	6.3 bar	(90 psi)	
Length	193 mm		
Height	70	mm	

Available as

Carton box

ADG.2A ADG.2S

Luxury case

EDG.2A-CASE ADG.2S-CASE

Luxury case set, including a 10 pieces rotary burrs set.
 Set includes:

Rotary Burrs type B cylinder with end cut

(RB.B0606 + RB.B1206)

Rotary Burrs type C cylinder ball nose

(RB.C0606 + RB.BC1206)

Rotary Burrs type D cylinder ball

(RB.D0606 + RB.D1206)

Rotary Burrs type F cylinder ball nose tree (RB.F0606 + RB.F1206)

Rotary Burrs type G cylinder arc pointed tree (RB.G0606 + RB.G1206)

EDG.2A-SET ADG.2S-SET

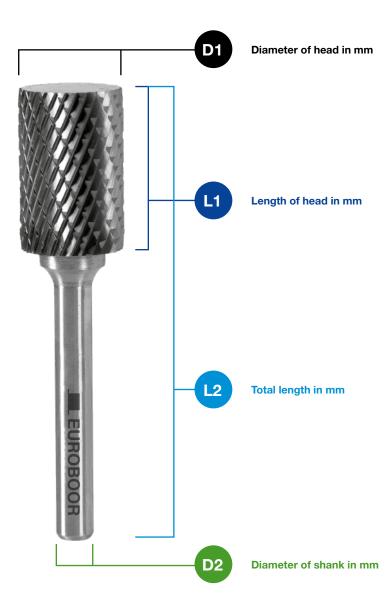


Rotary burrs

Tungsten Carbide

Euroboor heat treated durable Tungsten Carbide rotary burrs are engineered for rapid stock removal in harder materials. The coarse pitch of the teeth removes material effectively, while the deep secondary cuts

allow for smooth operation. It reduces the size of the chips and can be used at slower speeds than usual. The addition of the left hand flutes reduces the pulling action, allowing better operator control.



















Type A cylinder - Ø and sizing in mm Without end cut



D1	D2	L1	L2	Teeth	Code
3	3	13	38,5	Universal	RB.A0303
6	6	16	61	Universal	RB.A0606
8	6	20	65	Universal	RB.A0806
10	6	20	65	Universal	RB.A1006
12	6	25	70	Universal	RB.A1206
16	6	25	70	Universal	RB.A1606
8	6	20	65	Diamond	RBD.A0806
10	6	20	65	Diamond	RBD.A1006
12	6	25	70	Diamond	RBD.A1206
16	6	25	70	Diamond	RBD.A1606

Type B cylinder - \emptyset and sizing in mm With end cut



D1	D2	L1	L2	Teeth	Code
3	3	13	38,5	Universal	RB.B0303
6	6	16	61	Universal	RB.B0606
8	6	20	65	Universal	RB.B0806
9,5	6	20	65	Universal	RB.B1006
12	6	25	70	Universal	RB.B1206
16	6	25	70	Universal	RB.B1606
8	6	20	65	Diamond	RBD.B0806
9,5	6	20	65	Diamond	RBD.B1006
12	6	25	70	Diamond	RBD.B1206
16	6	25	70	Diamond	RBD.B1606

Type C cylinder - \emptyset and sizing in mm Ball nose



D1	D2	L1	L2	Teeth	Code
3	3	13	38,5	Universal	RB.C0303
6	6	16	61	Universal	RB.C0606
8	6	20	65	Universal	RB.C0806
9,5	6	20	65	Universal	RB.C1006
12	6	25	70	Universal	RB.C1206
16	6	25	70	Universal	RB.C1606
8	6	20	65	Diamond	RBD.C0806
9,5	6	20	65	Diamond	RBD.C1006
12	6	25	70	Diamond	RBD.C1206
16	6	25	70	Diamond	RBD.C1606

Type D cylinder - \emptyset and sizing in mm Ball



D1	D2	L1	L2	Teeth	Code
3	3	2,7	38,5	Universal	RB.D0303
6	6	5,4	61	Universal	RB.D0606
8	6	7,2	65	Universal	RB.D0806
9,5	6	9	65	Universal	RB.D1006
12	6	10,8	70	Universal	RB.D1206
16	6	14,4	70	Universal	RB.D1606
8	6	7,2	65	Diamond	RBD.D0806
9,5	6	9	65	Diamond	RBD.D1006
12	6	10,8	70	Diamond	RBD.D1206
16	6	14,4	70	Diamond	RBD.D1606

Type E cylinder - \emptyset and sizing in mm Oval



D1	D2	L1	L2	Teeth	Code
3	3	7	38,5	Universal	RB.E0303
6	6	10	55	Universal	RB.E0606
8	6	13	58	Universal	RB.E0806
10	6	16	61	Universal	RB.E1006
12	6	20	65	Universal	RB.E1206
16	6	25	70	Universal	RB.E1606
8	6	13	58	Diamond	RBD.E0806
10	6	16	61	Diamond	RBD.E1006
12	6	20	65	Diamond	RBD.E1206
16	6	25	70	Diamond	RBD.E1606

Type F cylinder - Ø and sizing in mm Ball nose tree



D1	D2	L1	L2	Teeth	Code
3	3	13	38,5	Universal	RB.F0303
6	6	18	63	Universal	RB.F0606
8	6	20	65	Universal	RB.F0806
10	6	20	65	Universal	RB.F1006
12	6	25	70	Universal	RB.F1206
16	6	25	70	Universal	RB.F1606
8	6	20	65	Diamond	RBD.F0806
10	6	20	65	Diamond	RBD.F1006
12	6	25	70	Diamond	RBD.F1206
16	6	25	70	Diamond	RBD.F1606













Type G cylinder - \emptyset and sizing in mm Arc pointed tree



D1	D2	L1	L2	Teeth	Code
3	3	13	38,5	Universal	RB.G0303
6	6	18	63	Universal	RB.G0606
8	6	20	65	Universal	RB.G0806
9,5	6	20	65	Universal	RB.G1006
12	6	25	70	Universal	RB.G1206
16	6	25	70	Universal	RB.G1606
8	6	20	65	Diamond	RBD.G0806
9,5	6	20	65	Diamond	RBD.G1006
12	6	25	70	Diamond	RBD.G1206
16	6	25	70	Diamond	RBD.G1606

Type H cylinder - \emptyset and sizing in mm Flame

D1	D2	Li	L2	Teeth	Code
3	3	13	38,5	Universal	RB.H0303
6	6	18	63	Universal	RB.H0606
8	6	20	65	Universal	RB.H0806
9,5	6	20	70	Universal	RB.H1006
12	6	25	77	Universal	RB.H1206
16	6	25	81	Universal	RB.H1606
8	6	20	65	Diamond	RBD.H0806
9,5	6	20	70	Diamond	RBD.H1006
12	6	25	77	Diamond	RBD.H1206
16	6	25	81	Diamond	RBD.H1606



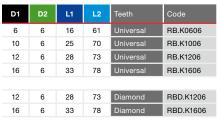
Type J cylinder - \emptyset and sizing in mm 60 degree cone

D1	D2	L1	L2	Teeth	Code
6	6	5,2	50	Universal	RB.J0606
10	6	8,7	53	Universal	RB.J1006
12	6	10,4	55	Universal	RB.J1206
16	6	13,8	58	Universal	RB.J1606
10	6	8,7	53	Diamond	RBD.J1006
12	6	10,4	55	Diamond	RBD.J1206
16	6	13,8	58	Diamond	RBD.J1606



Type K cylinder - \emptyset and sizing in mm







Type L cylinder - \emptyset and sizing in mm Ball nose cone

D1	D2	ы	L2	Teeth	Code
3	3	13	38,5	Universal	RB.L0303
6	6	18	61	Universal	RB.L0606
8	6	22	65	Universal	RB.L0806
10	6	25	70	Universal	RB.L1006
12	6	28	73	Universal	RB.L1206
16	6	33	78	Universal	RB.L1606
8	6	22	65	Diamond	RBD.L0806
10	6	25	70	Diamond	RBD.L1006
12	6	28	73	Diamond	RBD.L1206
16	6	33	78	Diamond	RBD.L1606

Type M cylinder - \emptyset and sizing in mm Cone



D1	D2	L1	L2	Teeth	Code
3	3	13	38,5	Universal	RB.M0303
6	6	18	63	Universal	RB.M0606
8	6	20	65	Universal	RB.M0806
10	6	20	65	Universal	RB.M1006
12	6	25	70	Universal	RB.M1206
16	6	25	70	Universal	RB.M1606
8	6	20	65	Diamond	RBD.M0806
10	6	20	65	Diamond	RBD.M1006
12	6	25	70	Diamond	RBD.M1206
16	6	25	70	Diamond	RBD.M1606

Rotary burrs sets



Type N cylinder - Ø and sizing in mm Inverted cone



D1	D2	Li	L2	Teeth	Code
3	3	13	38,5	Universal	RB.N0303
6	6	17	52	Universal	RB.N0606
10	6	10	55	Universal	RB.N1006
12	6	13	58	Universal	RB.N1206
16	6	16	61	Universal	RB.N1606
10	6	10	55	Diamond	RBD.N1006
12	6	13	58	Diamond	RBD.N1206



5 piece rotary burrs set shaft \emptyset 6 mm

- High quality Tungsten Carbide (K30).
- Universal cut designed for rapid stock removal.
- Delivered with:
 - RB.A1006 Cylinder without end cut
 - RB.B1006 Cylinder with end cut
- RB.C1206 Cylinder ball nose
- RB.F1006 Cylinder ball nose tree
- RB.L1206 Cylinder ball nose cone

RBS.105





10 piece rotary burrs set shaft Ø 6 mm

- High quality Tungsten Carbide (K30).
- Universal cut designed for rapid stock removal.
- Delivered with:
 - RB.A1006 Cylinder without end cut
 - RB.C1006 Cylinder ball nose
 - RB.D1006 Cylinder ball
 - RB.E1206 Cylinder oval
 - RB.F1206 Cylinder ball nose tree
 - RB.G1206 Cylinder arc pointed tree
 - RB.J1006 Cylinder 60 degree cone
 - RB.L1206 Cylinder ball nose cone
 - RB.M1206 Cylinder cone
 - RB.N1006 Cylinder inverted cone

RBS.110



Key specs:



20



motor power



30 - 80 m revolutions

weight



125 mm cutting capacity

adjustment angle



1. Simple speed adjustment with quick guide



2. Wide cutting angle adjustment range

EBS.500

Band saw 125 mm (5")



www.youtube.com/euroboorbv

- Adjustable vice, cutting angle and sawing speed
- Constant speed due to digital electronic speed regulator
- Wide cutting angle adjustment range
- Double motor protection: Amperage and temperature limiter
- Anti-reset safety function
- User-friendly vice with clear indicators
- Adjustable bar stop rod for mass produced cuts
- Chip scraper

650 x 310 x 450 mm		
20 kg		
1010 W		
adjustable, 30 - 80 m		
adjustable, 0° - 60°		
0	125 mm	
	130 × 125 mm	
0	76 mm	
	76 x 76 mm	
0	50 mm	
	50 x 50 mm	
13 x 0.65 x 1440 mm,		
10 - 14 tpi M42 8% Cobalt		
110 - 120 V / 60 Hz		
220 - 240 V / 50 - 60 Hz		
	20 1011 adj adj O I O M4 110	



saw band 13 x 0,65 x 1440 mm, 6 - 10 tpi (set of 5)

Art. nr.: 500.0001

EDC.135

Dry cut-off saw 355 mm (14")

Watch our machines in action on: www.youtube.com/euroboorby

- Easily accessible carbon brushes
- Easily accessible saw blade lock nut (spanner included)
- Chip shield
- Easy blade replacement
- Adjustable vice: 0° 45° with quick release function
- Retractable blade guard with pull-down protection

Technical data			
Dimensions (lxwxh)	610 x 282 x 630 mm		
Weight	23 kg		
Motor power	2200 W		
Cutting speed (no load)	1300 rpm		
Cutting angle	adjustable, 0° - 45°		
Bore size	Ø 25,4 mm (1")		
	•	130 mm	
Cutting capacity		120 x 120 mm	
at 0		95 x 185 mm	
	•	105 mm	
Cutting capacity at 45°		90 x 90 mm	
		80 x 110 mm	
Max. Ø saw blade	355 mm		
Voltage	110 - 120 V / 60 Hz		
	220 - 240 V / 50 - 60 Hz		

130 mm cutting capacity adjustment angle

2200 W

motor power

1300

revolutions

Key specs:

23

weight



EDC.135 uses:

saw blade 355 mm (14"), 80 teeth, bore 25,4 mm (1")

Art. nr.: 130.355/80







- 1. Easy carbon brush replacement. Chip shield.
- 2. Easy blade replacement
- 3. Adjustable vice 0° 45°

Key specs:



9,7 weight



1800 W motor power



2300 revolutions





83 mm

0 - 45°

cutting capacity

adjustment angle







- 1. Adjustable cutting angle, up to 45°
- 2. Stable guide plate

EHC.230/4

Circular cut-off saw 230 mm (9")



Watch our machines in action on: www.youtube.com/euroboorby

- Wide and stable guide plate
- Integrated cutting length indication
- Swivel functionality, up to 45°
- Built-in laser indicator
- Retracting full blade protection
- Durable safety covers
- Quick-release chip collector
- Easily accessible carbon brushes

Technical data		
Dimensions (I x w x h)	420 x 210 x 370 mm	
Weight	9,7 kg	
Motor power	1800 W	
Cutting speed (no load)	2300 rpm	
Cutting angle, adjustable	0 - 45°	
Bore size	Ø 25,4 mm (1")	
Max. Saw depth 0°	83 mm	
Max. Saw depth 45°	56,5 mm	
Max. Ø Saw blade	230 mm	
Max. Continuous use	45 minutes	
Continuous capacity	6 mm	
Cut-off capacity	3 - 10 mm, built-in laser indication	
Voltago	110 - 120 V / 60 Hz	
Voltage	220 - 240 V / 50 - 60 Hz	



EHC.230/4 uses:

saw blade 230 mm (9"), 48 teeth, bore 25,4 mm (1")

Art. nr.: 230.0003

Lifting magnets

Euroboor lifting magnets are engineered with top priority on safety and practical use.

This attention to detail during the manufacturing process makes it possible to combine high uniform magnetic strength with easy and smooth handle operation. The compact design and limited weight make the magnets easy to handle, optimize workspace and fully exploit crane capacity.

Safety factor 3++

Euroboor lifting magnets are designed to lift at least three times the suggested weight load. For example: An ELM.250 has a workload limit of 250 kg but a tested lifting capacity of 800 kg.

Each and every magnet is tested individually and supplied with a matching certificate as proof of safety.

Model	ELM.125	ELM.250	ELM.500	ELM.1000	ELM.2000
Length (mm)	93	152	246	306	478
Width (mm)	60	100	120	146	165
Height (mm)	120	180	180	236	273
Diameter of eye (cm)	10	16	16	20	20
Weight (kg)	2.6	10	19	38	85
Tested lifting capacity (kg)	400	800	1600	3200	6200
Workload limit (kg) flat material	125	250	500	1000	2000
Workload limit (kg) round material	50	125	250	500	1000
Ø Min/max (mm)	50/100	60/200	65/270	100/300	125/350
Max. Working temp. (°C)	80	80	80	80	80





Benefits:

- Suitable for flat and tubular objects
- Suitable for rough and finished surfaces
- High lifting capacity
- Suitable for temperatures up to 80° C
- Reliable and consistent performance, also under extreme conditions
- Easy handling and operation
- Maintenance free
- Certified safety





Lifting magnet 125 kg



Lifting magnet 250 kg



Lifting magnet 500 kg



Lifting magnet 1000 kg



Euroboor is currently serving an increasing amount of more than 70 countries, covering all continents. With multiple offices throughout the world and many committed distributors. We are proud to be a close-knit team of international employees with shared values and ambitions, ready to make your working day an easier day.



Stock

Euroboor is a privately owned company with in-house production and continuous supply to each of our offices. Whatever your needs are, we strive to serve you with the best possible solutions on the shortest term possible.



Fast delivery

With a fine network of stock keeping offices, distributors and wholesalers, Euroboor will make sure your orders are being supplied with the speed and care they deserve.



Our qualified staff of specialists can help you with all your technical requests. Whether it comes down to our offerings, servicing your tool or advise on the most difficult drilling tasks, there is hardly anything we have not dealt with before.



Premium parts

Our complete product range is built on proper quality standards. Throughout the lifecycle of your tools, we will make sure these standards are being kept with supplying you only original manufacturing spare parts.

Metal workers choice



Our company logo represents the slug

created with the use of our annular cutters – the solid Euroboor core of your metal working job.

Euroboor worldwide





Abridged version of the general terms and conditions

of (i) EUROBOOR B.V., in Zoetermeer The Netherlands, (ii) Euroboor USA Inc., Birmingham, USA.,

- (iii) Euroboor LC, St. Petersburg, Russia, (iv) MEEBS FZE, Sharjah, UAE,
- (v) Euroboor Metal Constructions Instruments Co., Zhangjiagang, China

1. General

All our offers, quotations, agreements and their implementation are subject to the general terms and conditions, as amended from time to time, and as deposited at the chamber of commerce and industry in the hague under registration 27125112. The applicability of all other (general) terms and conditions, in particular those of the customer and/or contractor ("customer") is excluded. This abridged version merely serves as an introduction to the complete set of our general terms and conditions referred to in the foregoing. In case of contradiction between the terms of this abridged version and the general terms and conditions, the latter shall prevail.

2. Quotations

Our quotations, in whatever form, are not binding upon us and merely constitute an invitation to the customer to place an order. All information and/or data provided with quotations remain our intellectual property. We are not liable for incorrect information provided along with our quotations.

3. Agreements

Agreements, including further commitments and/or modifications, are only binding following our explicit written confirmation or acceptance.

4. Prices

Our prices are based on delivery exw (prevailing incoterms) and are exclusive of value added tax, shipping, etc. We reserve the right to change prices.

5. Deliveries and leadtimes

Delivery times are stated as approximate. Excess of delivery times does not give rise to any claims for damages by the customer in any event. Cancellation is only permitted after

repeated excess of delivery times, and only following written notice of default by the customer.

6. Liability

Our liability for any and all claims for damages arising out of or in connection with the sale and delivery of the goods and the use thereof shall under no circumstances exceed the sum of customer's payments for the goods that are the subject of any such claim.

7. Complaints

Complaints about the goods supplied must be made in writing and must reach us no later than seven (7) days from the date of delivery, or seven (7) days from the date on which the basis for a complaint was or ought to have been apparent.

8. Payment and retention of title

Payment shall be made into our bank account no later than 30 days after date of invoice. Interest shall be due in case of late payment. The ownership of the goods shall not pass to customer, and full legal and beneficial ownership of the goods shall remain with us, unless and until we have received payment for the goods in full. We are entitled to demand payment guarantees prior to delivery.

9. Disputes and applicable law

The laws of the netherlands shall apply and suits, actions or proceedings that may be instituted by any party shall be at the competence of the courts in the district of rotterdam, the netherlands.

Notes

www.euroboor.com

Icon guide

Annular cutting Ø











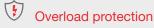


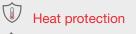




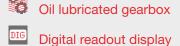








Gyro-Tec protection: detects displacement



LED load indicators

Smart Restart

When the motor is in overload, the Smart Restart torque control technology ensures trouble-free continuation of your drilling job. When the feed pressure is manually reduced, the machines electronics recognize the reduction and the motor continues.

Automatic feed and return

Drills automatically and returns to its starting position when the hole is drilled. This option works only with annular cutters.





Outting capacity round/square





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