

Tapping Made Easy

Tap threads straight with your
magnetic drilling machine!



 **EUROBOOR**
FOR PROFESSIONALS BY PROFESSIONALS

What is Tapping?

Tapping is the process of cutting threads into a pre-drilled hole, allowing bolts to fasten securely.

There are two main types of tapped holes

Through holes can be pre-drilled with an annular cutter, allowing the bolt to pass completely through.

Blind holes stop before reaching the other side of the material. These must be pre-drilled with a twist drill.

Tapping Chucks

Euroboor Morse Taper tapping chucks are specifically engineered for use with drilling machines. Designed for control and safety, they feature a slip clutch torque limiter and a clearly marked adjustment scale to ensure precise, consistent tapping while protecting your tools from overload.

Machine Taps

Engineered for performance, our machine taps are made from M35-grade cobalt-alloyed high-speed steel and manufactured to DIN 371/376 standards. This guarantees excellent wear resistance, heat resistance, and extended tool life, even in demanding industrial applications.

Various solutions

Whether your magnetic drilling machine supports left/right rotation or not, there's a tapping solution for you.

Machines with reverse rotation:

ETC.2 (up to M20) or ETC.3 (up to M30) tapping chucks.

Machines without reverse rotation:

GSW.512R (up to M12) or GSW.820R (up to M20) tapping chucks.

Tapping through holes: Adapter or collet, with or without a tapping chuck.

Tapping blind holes: A tapping chuck is required to ensure controlled, accurate threading.

Benefits of tapping with a magnetic drilling machine!

One Setup, Two Processes

Save Time, Boost Productivity by drilling and tapping with 1 machine.

Precision & Power

Guaranteed straight, clean threads thanks to the magnetic base stability. Bigger diameters can be threaded with no efforts.

Talk to your distributor today to find out which Euroboor magnetic drilling machine and tapping accessories best fit your needs.

Machine taps

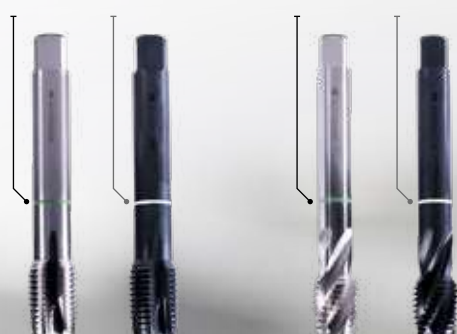
We offer the following application choices

Through holes
require a straight flute

Blind holes
require a spiral flute

Green ring White ring

Green ring White ring



We offer the following finishes

Green ring

Blank finish: For use in materials such as construction steel, aluminium, zinc, lead, copper and brass.

White ring

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

Size	Specification	Through holes		Blind holes	
		Green	white	Green	White
M3 x 0.5	DIN 371	910.030C	910.030V	910.031C	910.031V
M4 x 0.7	DIN 371	910.040C	910.040V	910.041C	910.041V
M5 x 0.8	DIN 371	910.050C	910.050V	910.051C	910.051V
M6 x 1.0	DIN 371	910.060C	910.060V	910.061C	910.061V
M8 x 1.25	DIN 371	910.080C	910.080V	910.081C	910.081V
M10 x 1.5	DIN 371	910.100C	910.100V	910.101C	910.101V
M10 x 1.5	DIN 376	900.100C	900.100V	900.101C	900.101V
M12 x 1.75	DIN 376	900.120C	900.120V	900.121C	900.121V
M14 x 2.0	DIN 376	900.140C	900.140V	900.141C	900.141V
M16 x 2.0	DIN 376	900.160C	900.160V	900.161C	900.161V
M18 x 2.5	DIN 376	900.180C	900.180V	900.181C	900.181V
M20 x 2.5	DIN 376	900.200C	900.200V	900.201C	900.201V
M22 x 2.5	DIN 376	900.220C	900.220V	900.221C	900.221V
M24 x 3.0	DIN 376	900.240C	900.240V	900.241C	900.241V
M27 x 3.0	DIN 376	900.270C	900.270V	900.271C	900.271V
M30 x 3.5	DIN 376	900.300C	900.300V	900.301C	900.301V



Drill tap combination (sets)

- Drilling & tapping with 1 tool
- Weldon 19.05 mm connection
- Also suitable for hard metals
- 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
- Alloy steels, castings & forgings

EDT.SET/1

- Delivered in luxury case
- Content: M8, M10 and M12

EDT.SET/2

- Delivered in luxury case
- Content: M14, M16 and M18

EDT Drill Taps

Tap size	Max. drilling/ tapping depth	Code
M8 x 1.25	17 mm	EDT.08
M10 x 1.5	20 mm	EDT.10
M12 x 1.75	20 mm	EDT.12
M14 x 2.0	18 mm	EDT.14
M16 x 2.0	18 mm	EDT.16
M18 x 2.5	20 mm	EDT.18
M20 x 2.5	25 mm	EDT.20
M22 x 2.5	24 mm	EDT.22
M24 x 3.0	26 mm	EDT.24
M27 x 3.0	29 mm	EDT.27
M30 x 3.5	31 mm	EDT.30



Twist drill and tap set

DTS.312

- 14 piece twist drill and tap set
- HSS-Cobalt (M35 quality)
- DIN 371/376
- Through holes: straight flute
- White ring: black oxide finish for improved durability.
- For use in materials such as cast iron and stainless steel
- Twist drills: Ø 2.5, 3.3, 4.2, 5, 6.8, 8.5 and 10.2 mm
- Taps: M3, M4, M5, M6, M8, M10 and M12



Ideal for the
ECO.36+T



Weldon twist drill and tap set

DTSW.812S

- 6 piece Weldon twist drill and tap set
- Weldon connection 19.05 mm
- SSPI: Depth of Cut: 30 mm
- SSPI: 135° split point
- Short Tap, through holes with straight flute
- Ideal for low profile magnetic drilling machines
- Twist drills: Ø 6.8, 8.5 and 10.2 mm
- Taps: M8 (1.25), M10 (1.5) and M12 (1.75)

Torque controlled tapping chuck MT3

Specifically designed for use in combination with portable magnetic drilling machines.

Benefits

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

Features

- Slip clutch torque limiter
- Clear torque controller adjustment scale
- Full instruction manual included
- Full "all parts" servicing possibility
- Complete delivery including:
 - 2 different rubber centration collets
 - All tools required for installation and adjustment

ETC.2

- Machine tap sizes:
M8 up to M20 (DIN 371 and DIN376)

ETC.3

- Machine tap sizes:
M14 up to M30 (DIN376)



Tapping and threading oil

IBO.60

Universal non-staining cutting oil, specifically for tapping and 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 litre)

IBO.6050 (5 litres)



Tapping chuck with automatic reverse

No reverse needed. This chuck automatically switches to counter-rotation for easy tap retraction, even without R/L functionality.

GSW.512R

Tapping chuck B16 MT2 - 3

- Quick change M5 - M12
- Including rubber clamps:
 - GSW.172121 (Ø 4 - 7 mm)
 - GSW.172122 (Ø 7 - 10 mm)
- Auto reverse

GSW.820R

Tapping chuck B22 MT3 - 4

- Quick change M8 - M20
- Including rubber clamps:
 - GSW.172202 (Ø 10.38 - 14 mm)
 - GSW.172203 (Ø 16 mm)
- Auto reverse



Tap holders (Weldon)

All our tap holders are fitted with 19.05 mm Weldon shank

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



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