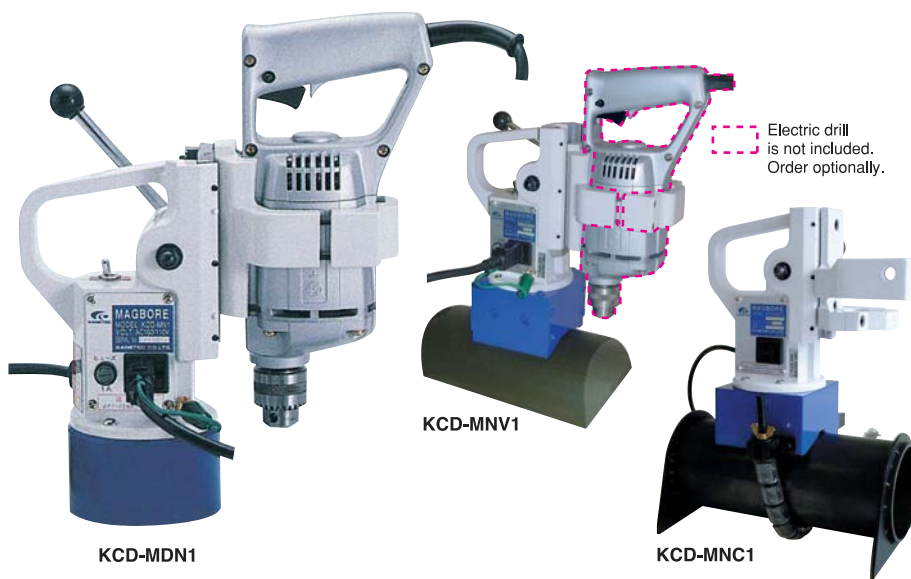


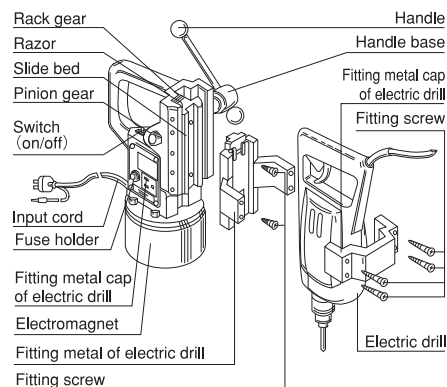
## Model KCD-M MINI TYPE MAGBORE\* (KCD-MN1 model in the USA)

**Portable, compact, magnetic drill stand.**



### [Features]

- Mini size weighing only 7 kg. Can be handled easily by female workers.
- Attracting firmly even to thin plates of 5mm thickness, it assures high precision drilling work.



Model	Applicable Drill	Drill Dia	Power Source	Allowable Drilling Force	Holding Power	Dimensions		Max. Stroke	Mass	Remarks
						Magnet	Height			
KCD-MN1	6.5 (0.25)	1.5 (0.05) — 6.5 (0.25)	Single-phase 100/110 VAC	1kN (100kgf)	3.5kN (350kgf)	φ105 (4.13) × 60 (2.36)	240 (9.44)	100 (3.93)	5.5kg/12 lb	Without electric drill
KCD-MDN1									7kg/15 lb	With electric drill

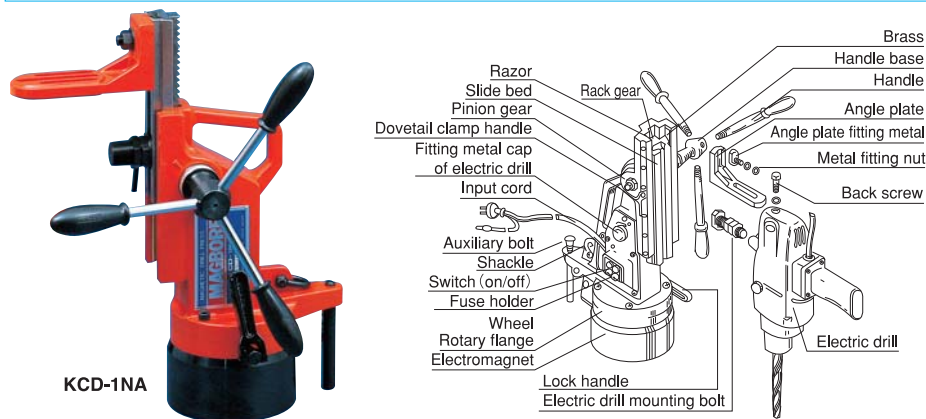
\* Cord length 2m. \* The holding power applies to black plate of SS400 and thickness 10 mm.

Two models of KCD-M Series for round steels and pipes of φ80 to φ200 available.

- **KCD-MNV1**...Magnetic holding power for Round steel : 0.9N—1.1kN (90—110kgf) Steel plate : 1.2kN (120kgf)
- **KCD-MNC1**...Chain clamp type and thus can be used for nonmagnetic materials also. (Not electromagnetic type, and thus no magnetism)

## Model KCD-N MINI TYPE MAGBORE\*

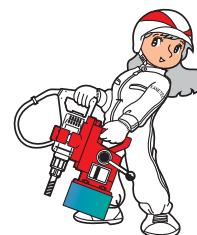
**Portable magnetic force holding drilling machine with round electromagnet**



Circular magnet is turnable up to 320°. You can even drill thin steel sheet by placing backing material beneath the sheet.

### [Features]

- A portable version of the bench drilling machine. Capable of drilling 20-mm holes in workpieces 20 mm or thicker.



Model	Applicable Drill	Drill Dia	Power Source		Allowable Drilling Force	Holding Power	Dimensions		Max. Stroke	Turning Angle	Fine Length	Mass
			Voltage	Power			Magnet	Height				
KCD-1NA	10 (0.39) — 13 (0.51)	1.5 (0.05) — 13 (0.51)	Single-phase 100 VAC	34W	4kN (400kgf)	8kN (800kgf)	φ142 (5.59) × 70 (2.75)	355 (13.9)	140 (5.51)	320°	30 (1.18)	15.0kg/33 lb

\* Cord length 5m. \* The holding power applies to black plate of SS400 and thickness 10 mm.

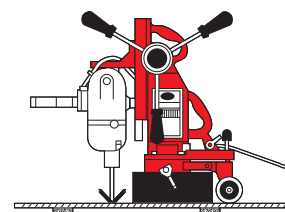
## List of applicable electric drills by models of Magbore

(Makers in alphabetical order)

Magbore	Hitachi	Makita	Ryobi Towa	Toshiba
KCD-MN1 KCD-MNV1 KCD-MNC1	6.5LUh-7 6.5LUh-DH4			
KCD-1NA	10 NU-DH4 13 BU-PN3 13 BUL-SH3	10 6010N		DRD-10C DRD-13C

\* There are various mounting metals. When purchasing a Magbore, please provide us with information about the manufacturer of the electric drill to use and its model No.

\* Mounting metals for drills other than Hitachi drills are supplied at extra cost.



Model **MTP** **MAGTAP\***

## [Application]

A tool designed to facilitate tapping of prepared holes in iron and steel plates, secured with strong magnetic holding by the Magtap. Available in two models: permanent magnet and electromagnet. Tapping can be done either with a manual hand turning tapper, or an electric tapper.

## [Features]

- Provides a stable mounting position/posture, ensured by strong holding power, for easy tapping.

## ■ MTP-13 《Manual tapping type》

- Small and light weight for easy transportation.
- The tap guide holder to facilitate accurate tapping in horizontal and vertical faces.
- Wear and damage of taps can be prevented.
- The magnet used is a strong permanent magnet.

## ■ MTP-25A 《Manual turn latchet type》

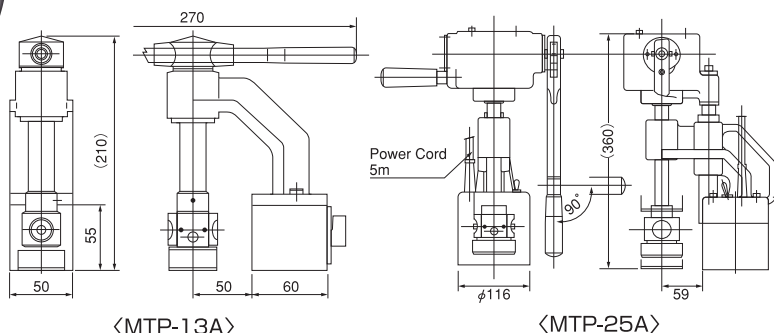
- Tapping can be done only by operating the latchet lever.
- The magnet used is a strong electromagnet.

## ■ MTP-MT8 《Electric type》

- The revolution can be varied steplessly according to tap sizes.
- Small and light weight for easy transportation.
- When removed from the mounting fixture, the tapper becomes an electric drill.

## ■ MTP-MT16 《Electric type》

- Speedy tapping can be achieved by the impact method.
- The back-forth and right-left adjusting mechanism is incorporated.
- When removed from the mounting fixture, the tapper becomes an electric drill. (The main unit is the same as Kanetec Magbore KCD-1NA, but the lock handle faces an opposite direction.)



[mm (in.)]

Model	Tap Feeder	Tapper	Applicable Tap Range	Max. Stroke	Magnet Type	Holding Power	Power Source	Power Consumption Magnet	Power Consumption Tapper	Dimensions Magnet	Height	Turning Angle	Back/Forth Movement	Mass
MTP-13A	Manual	—	M 6 (0.23) — M12 (0.47)	60 (2.36)	Permanent Magnet	0.8kN (80kgf)	—	—	—	50 (1.96) × 60 (2.36) × 55 (2.16)	210 (8.26)	—	—	2.5kg/5.51 lb
MTP-25A	—	—	M10 (0.39) — M24 (0.94)	85 (3.34)	—	6kN (600kgf)	Single-phase	30W	—	φ116 (4.56) × 75 (2.95)	360 (14.1)	—	—	14kg/30.8 lb
MTP-MT8	Motor	UT- 8V	M 3 (0.11) — M 8 (0.31)	100 (3.93)	Electro Magnet	3.5kN (350kgf)	100 VAC	34W	285W	φ104 (4.09) × 60 (2.36)	(440) (17.3) 240 (9.44)	320°	30 (1.18)	9kg/19.8 lb
MTP-MT16	—	UT-14Y	M 8 (0.31) — M16 (0.62)	140 (5.51)	—	8kN (800kgf)	—	360W	360W	φ142 (5.59) × 70 (2.75)	(390) (15.3) 355 (13.9)	—	—	18kg/39.6 lb

※ The power cable included is 5 m long for MTP-25A and MTP-MT16 and 2 m long for MTP-MT18.

※ MTP-MT16 requires tap holders suitable for tap sizes, which are optionally available. (See the figures below.)

※ The holding power applies to SS400, 25 mm thick mill scale surface.

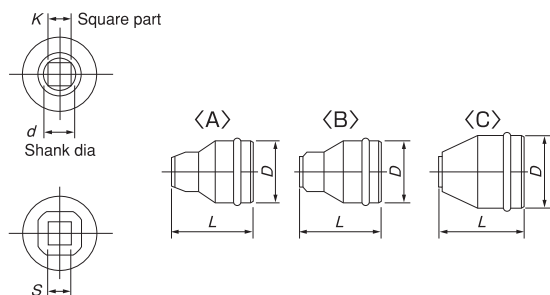
※ For Model MPT-MT, use a taper hand tap or plug hand tap.

※ The figures in ( ) in "Height" are the height with the electric tapper installed.

### Information about tap holders for tapper UT-14Y — Tap holder sets/major dimensions and applicable taps

(Use accessories according to tap sizes)

[mm (in.)]



Name		Code No.	Shape	Applicable Tap Size		Tap Mounting Dimensions		External Dimensions		
				Meter	Unify	d	K	S	D	L
M8	Tap holder set	995308	A	M 8 (0.31)	—	6.2 (0.24)	5 (0.19)	12.7 (0.50)	36 (1.41)	49 (1.92)
M10	3/8 Tap holder set	995280		M10 (0.39)	3/8	7 (0.27)	5.5 (0.21)			
M12	Tap holder set	995283	B	M12 (0.47)	—	8.5 (0.33)	6.5 (0.25)		50 (1.96)	
* 1/2	Tap holder set	995281		—	1/2	9 (0.35)	7 (0.27)			
M14	Tap holder set	995300	C	M14 (0.55)	—	10.5 (0.41)	8 (0.31)		42 (1.65)	52 (2.04)
5/8	Tap holder set	995282		—	5/8	12 (0.47)	9 (0.35)			
M16	Tap holder set	996341		M16 (0.62)	—	12.5 (0.49)	10 (0.39)			

\*The 1/2 tap holder marked by \* is a standard accessory. The M12 tap can be used by replacing only the tap drive with the one for M12.

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