Magnetic Drill
HB351 / HB501 / HB850
35 mm (1-3/8") / 50 mm (2") / 85 mm (3-3/8")

Powerful magnetic drilling for steel and other ferrous metals

Powerful magnetic clamping force

HB351: 11,000 N
HB501: 12,000 N
HB850: 22,000 N

Magnet type: Electromagnet



HB351



HB501



HB850

Model	HB351	HB501	HB850
Max. cutting diameter	ø35 mm (1-3/8")	ø50 mm (2")	ø85 mm (3-3/8")
Max. cutting depth	50 mm (2")	50 mm (2")	75 mm (2-15/16")
No load speed (mechanical speed change)	Single speed: 790 min^{-1}	2-speed: 450 / 750 min^{-1}	3-speed: 170 / 320 / 470 min^{-1}

Delivers secure magnetic holding power for stable, precise drilling.



Photo: HB501

Oil tank

Installing the oil tank higher than the cutting tool allows oil to flow to the blade tip by gravity.



Integrated carrying handle

for easy carrying of tool

Feed handle attachable to either side

The feed handle can be attached to either side, depending on the work environment.

Magnetic base

Produces powerful clamping force for increased accuracy and stability while drilling.
Fixing method: Electromagnet

Accessories

T.C.T cutter



Cutting depth: 35mm

Diameter	Part No.	Diameter	Part No.
12	B-90641	26	B-90716
14	B-90657	28	B-90722
16	B-90663	32	B-90738
18	B-90679	36	B-90744
20	B-90685	40	B-90750
22	B-90691	50	B-90766
24	B-90700		

Cutting depth: 50 mm

Diameter	Part No.	Diameter	Part No.
12	B-90772	26	B-90847
14	B-90788	28	B-90853
16	B-90794	32	B-90869
18	B-90803	36	B-90875
20	B-90819	40	B-90881
22	B-90825	50	B-90897
24	B-90831	64	B-90906

Center pin

Model	Size	Part No.
HB351 HB501	6x104mm	ES00000075
	8x105mm	ES00000076
HB850	8x155mmL	ES00000223
	6x118mm	ES00000224
	7x118mm	ES00000225

Safety belt

HB850: Part No. ES00000074

Chuck adapter 1/2-20UNF

HB351: Part No. ES00000079

Drill drift MT3

HB850: Part No. ES00000222

MT3 sleeve SA-19 mm weldon

HB850: Part No. ES00000226

Magnetic Drill

HB351 / HB501 / HB850 35 mm (1-3/8") / 50 mm (2") / 85 mm (3-3/8")

- #2 Mechanical 2-Speed HB501 only
- #3 Mechanical 3-Speed HB850 only
- Carrying Case HB351, HB501 only

	HB351	HB501	HB850
Continuous rating input	1,050 W	1,200W	1,800 W
Cutting capacity diameter	35 mm (1-3/8")	50 mm (2")	85 mm (3-3/8")
Cutting capacity depth	50 mm (2")	50 mm (2")	75 mm (2-15/16")
No load speed	790 min^{-1}	450 / 750 min^{-1}	170 / 320 / 470 min^{-1}
Magnetic clamping force	11,000 N (1,122 kg·f)	12,000 N (1,224 kg·f)	22,000 N (2,245 kg·f)
Dimensions (L x W x H)	263 x 156 x 323 mm	270 x 156 x 432 mm	364 x 272 x 622 mm
	(10-3/8 x 6-1/8 x 12-3/4")	(10-5/8 x 6-1/8 x 17")	(14-3/8 x 10-3/4 x 24-1/2")
Net weight	10.5 kg (23.1 lbs.)	17.5 kg (38.6 lbs.)	29 kg (63.9 lbs.)

Standard Equipment : Center pin, Center pin case, Hex socket head set screw, Safety belt, Fuse, Hex wrench, Combination wrench, Chuck adapter (HB351 only), Drill drift (HB850 only), MT3 Sleeve SA weldon (HB850 only)

The weight may differ depending on the attachment(s).
Items of standard equipment and specifications may vary by country or area.

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