



# 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<br>(mechanical speed change) | Single speed: 790 min <sup>-1</sup> | 2-speed: 450 / 750 min <sup>-1</sup> | 3-speed: 170 / 320 / 470 min <sup>-1</sup> |

# 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 | 6x104mm  | ES00000075 |
| HB501 | 8x105mm  | ES00000076 |
|       | 8x155mmL | ES00000223 |
| HB850 | 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")

- Mechanical 2-Speed  
HB501 only
- 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 <sup>-1</sup> | 450 / 750 min <sup>-1</sup> | 170 / 320 / 470 min <sup>-1</sup> |
| Magnetic clamping force   | 11,000 N              | 12,000 N                    | 22,000 N                          |
| Dimensions (L x W x H)    | 263 x 156 x 323 mm    | 270 x 156 x 432 mm          | 364 x 272 x 622 mm                |
| Net weight                | 10.5 kg               | 17.5 kg                     | 29 kg                             |

**Standard Equipment:** **HB351:** Center pin 6X104mm (ES00000075), center pin 8X105mm (ES00000076), center pin case (ES00000077), hex socket head set screw M10X (ES00000066), safety belt (ES00000074), fuse ceramic 2A 250VAC 5x20mm (ES00000035), hex. wrench 2.5 (783208-8), hex. wrench 3 (783201-2), hex. wrench 4 (783202-0), combination wrench 8mm (ES00000078), chuck adapter 1/2-20UNF (ES00000079)  
**HB501:** Center pin 6X104mm (ES00000075), center pin 8X105mm (ES00000076), center pin case (ES00000077), hex socket head set screw M10X (ES00000121), safety belt (ES00000074), fuse ceramic 2A 250VAC 5x20mm (ES00000035), hex. wrench 2.5 (783208-8), hex. wrench 3 (783201-2), hex. wrench 4 (783202-0), hex. wrench 5 (783217-7), combination wrench 8mm (ES00000078)  
**HB850:** Center pin 8X155mm (ES00000223), center pin 6X118mm (ES00000224), center pin 7X118mm (ES00000225), center pin case (ES00000077), hex socket head set screw M10X (ES00000121), safety belt (ES00000074), fuse ceramic 2A 250VAC 5x20mm (ES00000035), hex. wrench 2.5 (783208-8), hex. wrench 3 (783201-2), hex. wrench 4 (783202-0), hex. wrench 5 (783217-7), hex. wrench 6 (783204-6), combination wrench 8mm (ES00000078), drill drift MT3 (ES00000222), MT3 sleeve SA-19mm weldon (ES00000226)

The weight may differ depending on the attachment(s), including the battery cartridge. The lightest and heaviest combination, according to EPTA-Procedure 01/2014, are shown in the table. Items of standard equipment and specifications may vary by country or area. [A4-042026-1](#)

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