

# RODRILL 10.40 Rail Drilling Machine

For efficient rail drilling.

## THE ADVANTAGES. YOUR BENEFITS.

### Efficiency and mobility

- Drilling time about 12 – 60 seconds depending on rail profile and drill bit
- Coolant flow via drill spindle and drill bit
- Low weight for flexible use

### Easy handling

- One-man operation
- Manual feed
- Quick and safe attachment to rail
- Quick-clamping device available as accessory – assembly/disassembly in under 3 seconds



RODRILL 10.40 – 8209900004

## SPECIFICATION

Drive	4-stroke petrol engine
Type	Honda GX35
Output	1.2 kW
Drilling time	12-60 sec. (*)
Max. drilling diameter	38 mm
Dimensions (L x W x H)	420 x 310 x 530 mm
Total weight	from 19 kg

(\*) depending on rail profile, rail hardness, drill bit etc.

## ACCESSORIES

### Drilling in flat bottom rails

2 rail profile templates each required per rail section, standard clamping device included  
 8204050100 for 49E1/54E3/60E1  
 8204050210 for 54E1/54E2

Other variants on request. Please provide details of rail profile and drilling height.

7814103002 Quick-clamping device

### Drilling in grooved rails

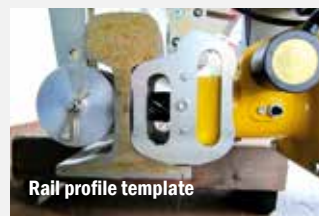
2 rail profile templates each per rail section and a special clamping device are required  
 9801040089 Clamping device for grooved rails up to R160  
 9801040068 2 additional pressure discs (depending on grooved

Other variants on request. Please provide details of rail profile and drilling height.

### Drilling in conductor rails and flat bottom rails

2 rail profile templates each per rail section and a clamping device are required  
 8204100004 Clamping device

Other variants on request. Please provide details of rail profile and drilling height.



Rail profile template



Clamping device for grooved rail



Clamping arm for conductor

## ACCESSORIES

### Core hole drill bits with quick lock

Use in combination with cooling pin

With 19 mm Weldon shank, cutting depth 25 mm.

Optimal drilling performance for rail web tensile strength up to 900 N/mm<sup>2</sup>.

From Ø 16 mm – Ø 38 mm

9002508236 Ø 19 mm

9002508234 Ø 30 mm

9002508235 Ø 32 mm

9002508233 Ø 33 mm

Other diameters available on request.

9002501646 Short cooling pin for core hole drill bit  
(use for flat bottom rail)

9002501655 Long cooling pin + 8203550100 Adapter  
(depending on profile of grooved rail or conductor rail)

### Twist drill bits

From Ø 7 mm – Ø 15 mm

9820350220 Ø 13 mm

Adapter for twist drill bit Ø 7 mm – Ø 15 mm

9820350130 Ø 13– 15 mm

Other diameters available on request.

9001511073 Coolant (5 litre canister)

9001511033 Antifreeze concentrate, 5 litres  
mixing ratio e.g. –15 degrees Centigrade:  
antifreeze : water = 2 : 3

9801040004 Transport and storage box  
made of aluminium with lockable lid  
and carrying handles

9801040005 Aluminium coolant and swarf collecting tray

### Multi-hole drilling templates

Precise drilling intervals are achieved by simply inserting the drilling machine into the distance blocks.

Distance blocks can be adjusted individually by the customer to the dimension required.

The template is applied from the rail end:

8204062001 2-hole

8204062002 3-hole

The template is applied at the continuous rail:

8204062003 4-hole

8204062004 6-hole

Adjustment of height by ROBEL, on request, stating the rail profile, drilling height and drilling intervals.



Drill bit, adapter and coolant ejector pin



Adapter and twist drill bit 13 mm



Transport case, coolant and collecting tray



3-hole drilling template



6-hole drilling template