

DRILL HORNET

PR2 HOLLOW DRILL BITS RAIL DRILL



The simple, effective rail drill

Lightweight and easy to use

Limited operating time

Reliability and long lifespan

HORNET
PORTABLE TECHNOLOGIES

 **GEISMAR**[®]

Your benefits

- Fast drilling by using hollow drill bits
- Light machine, easy to use and install using a quick fixation vice (adaptable on both grooved rails and flat bottom rails)
- The engine benefits from Honda warranty
- Easy commissioning thanks to the 4-stroke engine (no fuel mix preparation)

Standard kit contains - code ST151A01

1 PR2 drill without clamping fixtures. Clamping fixtures are essential to the operation of the machine. See clamping form accessories



1 storage case for service tools code STE76000-1



5 L pressurised tank



Maintenance kits

SMARTPACK
KEPR2GX501A

Machine and engine maintenance kit - 1 year

LIFE+PACK
KUPR2-01

Wear kit - 1 year

Specifications

Engine	Honda GX50
Engine Power	1.47 kW or 2 hp
Mass	<ul style="list-style-type: none"> • 20 kg (Machine without clamping fixtures) • 1.6 kg (Lubrication tank)
Dimension (L x W x H)	19 x 11 x 19 in. (490 x 280 x 490 mm)
Drilling depth	3 in. (85 mm)
Advance	Manual by lever
Maximal drilling diameter	1.6 in. (40 mm)
No-load spindle speed	435 tr/min
Spindle type	Weldon 19.05 mm
Maximal rail hardness	<ul style="list-style-type: none"> • 280 HB with drills standard range • 310 HB with Premium range drills
Indicative drilling time Ø 24 mm	<ul style="list-style-type: none"> • <30s (standard range drill bit) • <15s (premium range drill bit)
Minimum drilling distance from the end of the rail with conventional shapes	60 mm
Lubrication tank capacity	5 Litres
Vibration level	4.8 m/s ²

Accessories

Clamping forms

- Indispensable for the use of the machine. They provide perfect alignment to the rail and positioning at the correct drilling height

N06677 A SET OF TWO DOUBLE FORMS
For rail UIC54 / UIC60

N06676 A SET OF TWO DOUBLE FORMS
For rail U50 / UIC60

N06675 A SET OF TWO DOUBLE FORMS
For rail S49 / UIC60

Other specific rails/heights: please contact us



Drilling jigs

- The jig is an accessory that allows the machine to be positioned longitudinally to drill holes at pre-defined distances from the rail end

11295 Q For rail U33 (rail 46 kg), U39 (55 kg) and U55 (57.5 mm / 160 mm / 160 mm)

11295 R For rail U50 (ex U36), UIC54 and UIC60 (ex U80) (60 mm / 170 mm / 170 mm)

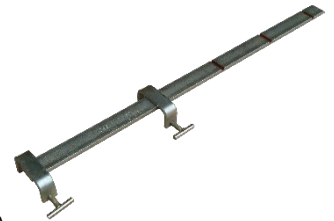
11295 V For rail 50 UNI (47 mm / 165 mm)

11295 AM For rail S49 (46 mm / 165 mm)

11295 CV For rail 48LP (67 mm / 120 mm)

11295 AW For rail 46 EST (67.5 mm / 140 mm)

Other rails/specific distances: please contact us



Cutting fluid reclaiming tray - code STE76000AP

- **Environmental benefits:**
The cutting fluid is not left on site
- The cutting fluid reclaiming tray makes it easy to recover cutting fluid and metal chips for disposal/recycling:
 - Narrow tray that can be placed between 2 sleepers
 - Filtering device and pouring spout for separating fluid from metal chips for recycling
 - The tray has 2 hooks enabling fitting on the pressurized tank for ease of transport



Transport casing - code N06837

- Metal storage and transport case



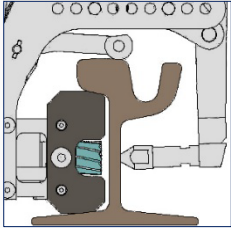
Hour Meter - code STK62000AL

- Hour meter and engine rev counter for easy maintenance. The hour meter is supplied with an adhesive kit for easy attachment to the engine



Accessories (suite)

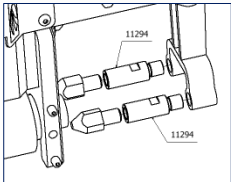
Drilling grooved rails



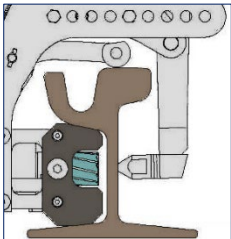
Drilling opposite to the groove

- Provide 1 set of rail forms suited to the rail type

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- 2 extensions code **11294**

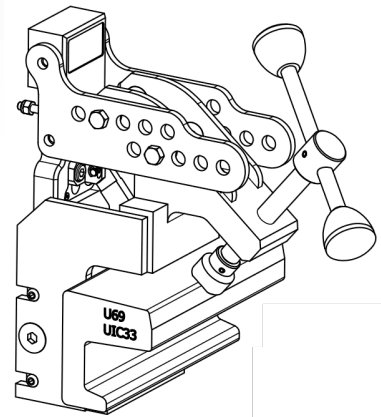


Drilling groove side

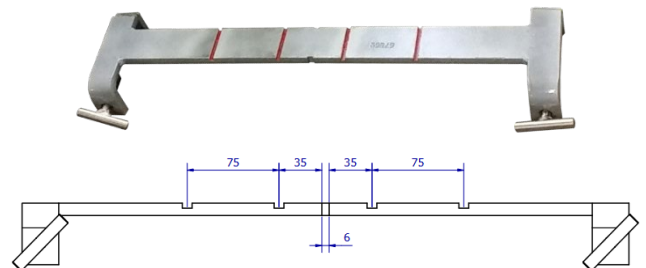
- The standard vice is compatible with
- Provide 1 set of clamps to suit the required rail

Counter-rail drilling

- Complete vice for counter-rail U69 and UIC33 code **STE76000AP**



- Jigs for counter-rail U69 and UIC33 code **67569**





Consumables – Hollow drill bits

Premium, for rail hardness up to 310 HB

Diameter	Reference	Diameter	Reference
D18	N07980	D28	N07990
D19	N07981	D29	N07991
D20	N07982	D30	N07992
D21	N07983	D31	N07993
D22	N07984	D32	N07994
D23	N07985	D33	N07995
D24	N07986	D34	N07996
D25	N07987	D36	N07997
D26	N07988	D38.09 (1"1/2)	N07998
D27	N07989		

A 6 mm Ø ejector is required. Reference RBT. Not supplied with PR2

Standard, for rail hardness up to 280 HB

Diameter	Reference	Diameter	Reference
D18	N06512	D28	N06155
D19	N06144	D28.57 (1"1/8)	N07110
D20	N06152	D29	N06148
D21	N06743	D30	N06156
D22	N06145	D32	N06149
D23	N06153	D33	N06157
D24	N06146	D34	N06252
D25	N06154	D36	N06142
D26	N06147	D38.09 (1"1/2)	N06150
D27	N07217		

Compatible with the 8 mm Ø ejector supplied with the PR2

With brazed carbide plates

Diameter	Reference
D25	N08206
D26	N08210
D28	N08207

A 6 mm Ø ejector is required. Reference RBT. Not supplied with PR2



Consumables – Special short twist drill bit

For rail hardness up to 280 HB

- The special short drill holders and drills in the table allow the 5 L pressurised tank supplied to be used for lubrication



Drill bit Ø	Drill holder code	Drill code
7	N07010	N07018
7.5	73058 J	73058 - 7.5
8	N07011	N07019
9	N07015	73058 - 9
9,8	N07012	N07021
9/32"	N07017	73058 - 9/32"
10	N07016	73058 - 10
12	N07013	N07022
13.2	73058 G	73058 - 13.2
13.5	N07014	N07023