

RODRILL 10.20 E³ BATTERY RAIL DRILL

SPECIFICATIONS

I Run Time

Battery 400Wh
35+ 1-1/8" Complete Holes
Battery 800Wh
80+ 1-1/8" Complete Holes

I Weight

36 lbs

I Dimensions (L x W x H)

23 x 9 x 15"

Compatible with 800wh
ROBEL Battery Platform



BENEFITS

- I Drilling time 10-30 seconds; Drilling range up to 2-1/2 inches
- I Quick lock chuck for twister bits
- I LED display for optimal drilling performance
- I Adjustable operating handle
- I Operating button on handle for safe operation
- I For drilling of running rail, third rail/conductor rail, crane rail, and grinder rail/groove rail

**Easy,
efficient and
emission-
free drilling.**

RODRILL 10.20 E³ ACCESSORIES

Running Rail Templates | Flip Flop Design*

R_ES_00033	115lb/119lb RE 132lb/136lb RE
R_ES_00034	141lb AB 132lb/136lb RE
R_ES_00035	115lb/119lb RE 100lb ARA-B
R_ES_00036	140lb RE / 133lb RE
R_ES_00037	90lb ARA-A / 100lb ARA-A
R_ES_00038	90lb ASCE / 100lb ASCE
R_ES_00039	105lb DY / 127lb DYM
R_ES_00041	100lb DY + 110lb RE / 100lb RE
R_ES_00042	100lb PS / 130lb PS
R_ES_00043	130lb RE / 131lb RE
R_ES_00046	133lb RE / 132/136lb RE
R_ES_00063	S49/S54 / UIC60
R_ES_00064	140lb RE / 141lb RE

Crane Rail Templates*

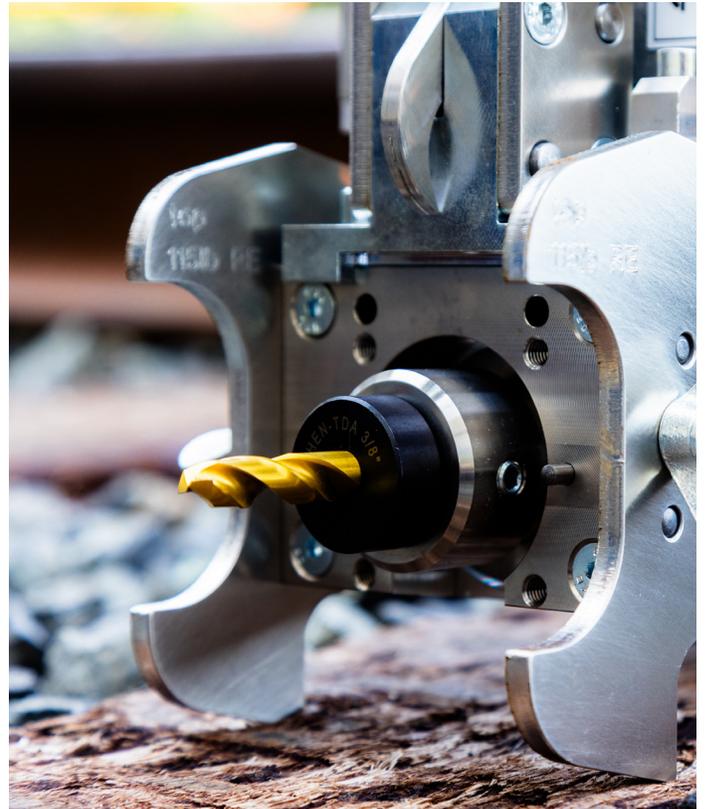
R_ES_00040	80lb ASCE / 85lb ASCE
R_ES_00055	30lb ASCE
R_ES_00056	60lb ASCE
R_ES_00057	105lb ASCE
R_ES_00058	135lb ASCE
R_ES_00059	175lb ASCE
R_ES_00061	CR73

Third Rail Templates*

R-MPAF 84C-F	Comp Template - 84C-F Contact Rail Shoe - Aluminum Comp. 3rd Rail
R-MPAF 85C-P	Comp Template - 85C Contact Rail Shoe - Aluminum Comp. 3rd Rail
R-MPAF-150RE	150lb Contact Rail Shoe - Solid Third Rail

Grooved Rail Templates*

R_ES_00062	Rail Drill Shoe 62R1 (NP4aM) - Grooved Rail
------------	---



*Additional sizes and applications are available upon request

RODRILL 10.20 E³

ACCESSORIES

Rail Drill Clamps

7814104004	R-DBG-GR Over Rail Clamp (Running Rail + Guard Rail Compatible) - 10.20 + 10.40
9801040089	R-DBG-LY Over Rail Long Arm Curved Clamp (Girder Rail Applications) - 10.20 + 10.40
7814104005	R-DBG-AY Over Rail Long Arm Clamp (3rd Rail + Crane Rail Applications) - 10.20 + 10.40
R-DBG-GR-W	Guard Rail Wheels - R-DBG-GR - 10.20 + 10.40

3rd Rail + Strap Guard Drilling

Two-Stage Drilling Device

7818930003	RTST50 3rd Rail + Strap Guard Two-Stage Drilling Accessory
------------	--

Signaling and Wheel Sensor Drilling

Gold Spiral Bits

N-PRE1-2	1/2" Gold Spiral Drill Bit (13mm) (Required Adapter R-AD1-2)
N-RPE-1-2L	1/2" Long Gold Spiral Drill Bit (13mm) (Required Adapter R-AD1-2)
N-RPE95C	3/8" Gold Spiral Drill Bit (Required Adapter R-AD3-8)

Gold Spiral Bit Adapters

R-AD1-2	Twist Drill Adapter - N-RPE1-2 & N-RPE1-2L
R-AD3-8	Twist Drill Adapter - N-RPE95C

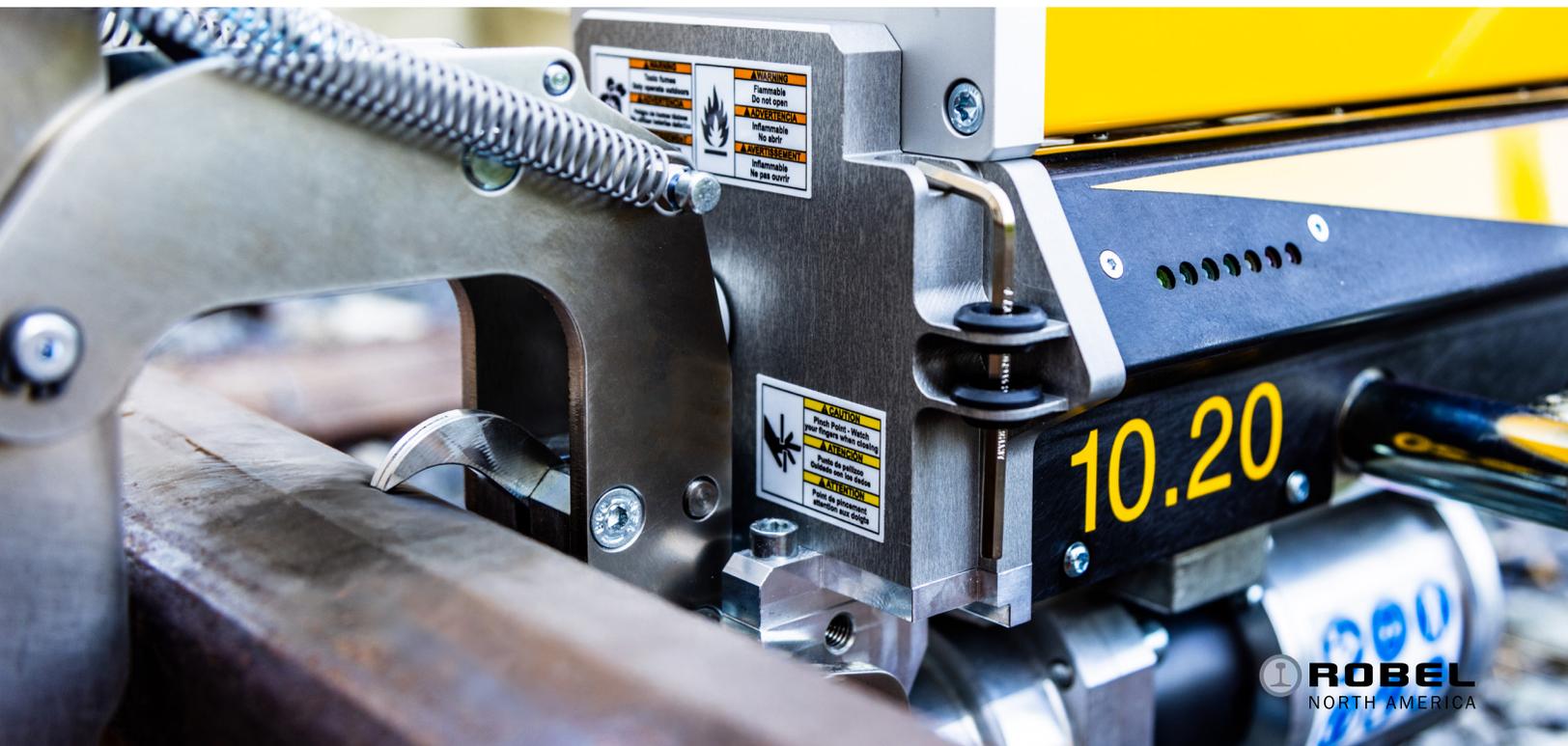
Aluminum Composite Drilling

Composite Spiral Bit

R-PE1L1-AR	1" Aluminum Composite 3rd Rail Drill Bit - Including Fluid Holes and Fluid Pin (DPE)
R-PE7/8L1-AR	7/8" Aluminum Composite 3rd Rail Drill Bit - Including Fluid Holes and Fluid Pin (DPE)

Composite Spiral Bit Accessories

R-DPE	Fluid Spacer - R-PE1L1-A
-------	--------------------------





Carbide Cutters - 7/8" Depth Cut - Twister*

R-CCQ3/4-7/8	ROBEL Carbide Cutter 3/4" x 7/8"
R-CCQ7/8-7/8	ROBEL Carbide Cutter 7/8" x 7/8"
R-CCQ1-7/8	ROBEL Carbide Cutter 1" x 7/8"
R-CCQ1-1/16-7/8	ROBEL Carbide Cutter 1-1/16" x 7/8"
R-CCQ1-1/8-7/8	ROBEL Carbide Cutter 1-1/8" x 7/8"
R-CCQ1-3/16-7/8	ROBEL Carbide Cutter 1-3/16" x 7/8"
R-CCQ1-1/4-7/8	ROBEL Carbide Cutter 1-1/4" x 7/8"
R-CCQ1-3/8-7/8	ROBEL Carbide Cutter 1-3/8" x 7/8"
R-CCQ1-5/16-7/8	ROBEL Carbide Cutter 1-5/16" x 7/8"
R-CCQ1-7/16-7/8	ROBEL Carbide Cutter 1-7/16" x 7/8"
R-CCQ1-1/2-7/8	ROBEL Carbide Cutter 1-1/2" x 7/8"
R-CCQ2-7/8	ROBEL Carbide Cutter 2" x 7/8"
RPP7-8	Pilot Pin - 7/8" Depth CCQ



Carbide Cutters - 2" Depth Cut - Twister | Crane and Guard Rail Length*

R-CCQ3/4-2	ROBEL Carbide Cutter 3/4" x 2"
R-CCQ1-2	ROBEL Carbide Cutter 1" x 2"
R-CCQ1-1/8-2	ROBEL Carbide Cutter 1-1/8" x 2"
R-CCQ1-3/16-2	ROBEL Carbide Cutter 1-3/16" x 2"
R-CCQ1-1/4-2	ROBEL Carbide Cutter 1-1/4" x 2"
R-CCQ1-1/2-2	ROBEL Carbide Cutter 1-1/2" x 2"
RPP2	Pilot Pin - 2" Depth CCQ

Carbide Cutters - 2" Depth Cut - Weldon Shank (Non-Twist)*

R-CCQ9/16-2-NT	ROBEL Carbide Cutter 9/16" x 2"
R-CCQ3/4-2-NT	ROBEL Carbide Cutter 3/4" x 2"
R-CCQ7/8-2-NT	ROBEL Carbide Cutter 7/8" x 2"
R-CCQ1-1/16-2-NT	ROBEL Carbide Cutter 1-1/16" x 2"
R-CCQ1-1/8-2-NT	ROBEL Carbide Cutter 1-1/8" x 2"
R-CCQ1-3/16-2-NT	ROBEL Carbide Cutter 1-3/16" x 2"
R-CCQ1-1/4-2-NT	ROBEL Carbide Cutter 1-1/4" x 2"
R-CCQ1-5/16-2-NT	ROBEL Carbide Cutter 1-5/16" x 2"
R-CCQ1-3/8-2-NT	ROBEL Carbide Cutter 1-3/8" x 2"
R-CCQ1-3/4-2-NT	ROBEL Carbide Cutter 1-3/4" x 2"
R-CCQ2-3/4-2-NT	ROBEL Carbide Cutter 2-3/4" x 2"
RPP2	Pilot Pin - 2" Depth CCQ



Carbide Cutters - 3" Depth Cut - Weldon Shank (Non-Twist)*

R-CCQ5/8-3	ROBEL Carbide Cutter 5/8" x 3"
R-CCQ3/4-3	ROBEL Carbide Cutter 3/4" x 3"
R-CCQ7/8-3	ROBEL Carbide Cutter 7/8" x 3"
R-CCQ15/16-3	ROBEL Carbide Cutter 15/16" x 3"
R-CCQ1-3	ROBEL Carbide Cutter 1" x 3"
R-CCQ1-1/8-3	ROBEL Carbide Cutter 1-1/8" x 3"
R-CCQ1-1/4-3	ROBEL Carbide Cutter 1-1/4" x 3"
R-CCQ1-5/16-3	ROBEL Carbide Cutter 1-5/16" x 3"
R-CCQ1-1/2-3	ROBEL Carbide Cutter 1-1/2" x 3"
RPP3	Pilot Pin - 3" Depth CCQ (TST50, 3rd Rail - 150lb)
R-PFA1	Spacing Block Adapter - 150LB-RE 3rd Rail Drilling

Additional Accessories

RL2-1	ROBEL Biodegradable Cutting and Drilling Fluid - 1G Bottle (10 1 Mix Ratio)
9781890120	Rail Drill Aluminum Transport Case - 10.20 + 10.40
8204062002	Universal 3-Hole Drilling Template - 10.20 + 10.40

*Additional sizes and applications are available upon request

ROBEL.US

