

# SafePlug® Hardlock

Network Rail PADS approved

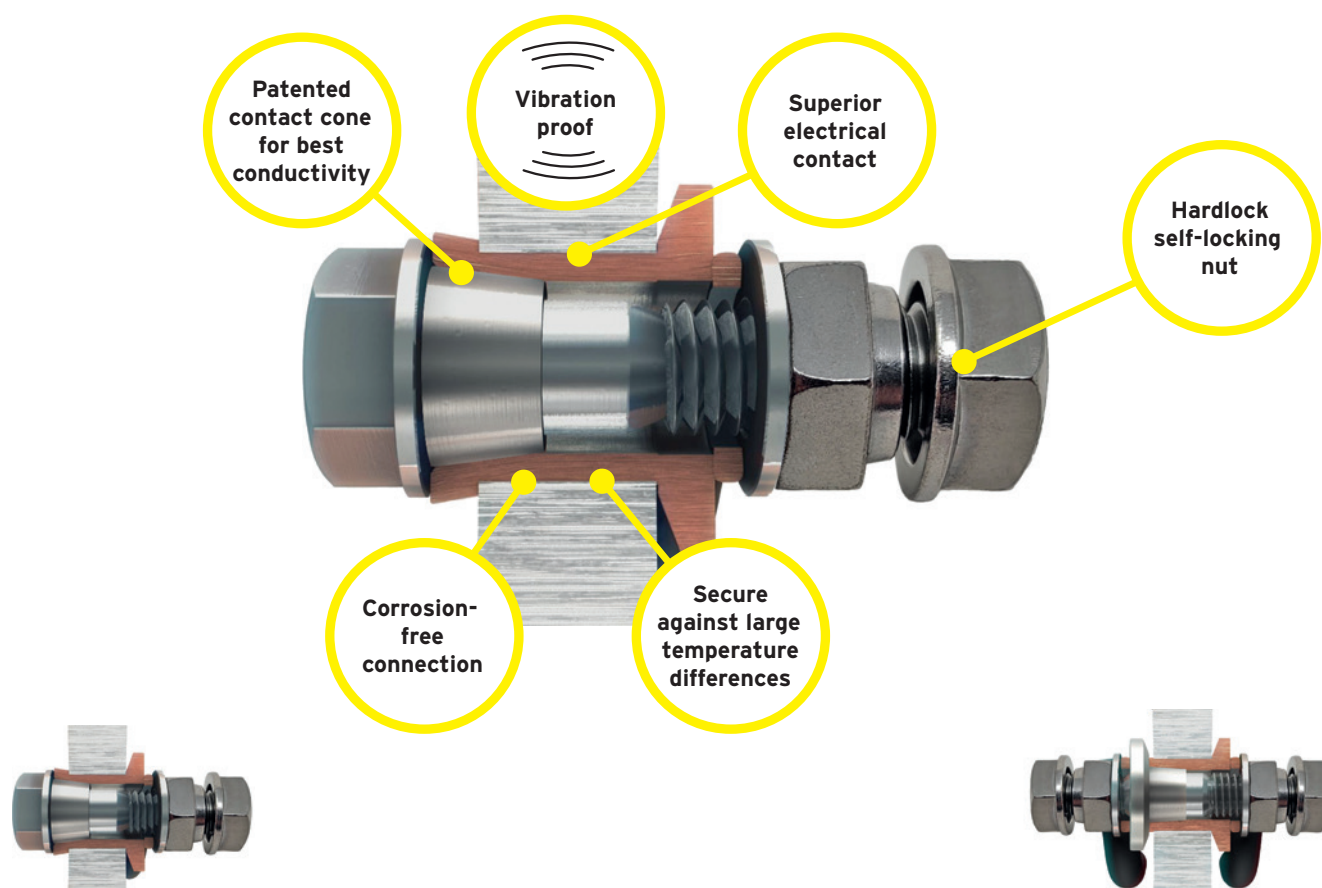
## The new generation Rail Web Connections



Safetrack® patented SafePlug® is the new generation of rail web connections with optimal performance. SafePlug® is developed to obtain as low transition resistance as possible between the cable lug and rail. The patented contact cone allows a much greater contact pressure and maintains the pressure to withstand vibrations in the rail even in large temperature changes. The electrical interfaces and contact surface become also much larger thanks to this design.



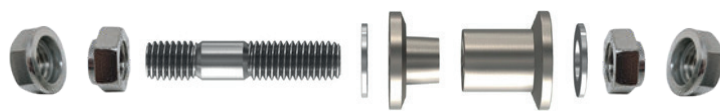
Visit our SafePlug® page  
The process and the important advantages of SafePlug®

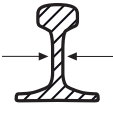



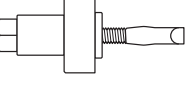


## SafePlug® Basic



## SafePlug® Combi for multiple cables



SafePlug® Model	Part. No.	 Width (mm)	 Dimension (mm)	 Torque Nm Cu	 Torque Nm Al	 Tool Part no.
Basic M12ø22	590211HBD	13,5-17,5	22	80	50	59106BD
Basic M12ø22	590212HBD	18-22	22	80	50	59106BD
Basic M16ø22	59018HBD	12,5-16,5	22	140	85	59106BD
Basic M16ø22	59019HBD	18-22	22	140	85	59106BD
Basic M12ø19	59021HBD	12-16,5	19	80	50	59101BD
Combi M12ø19	590225HBD	12-16,5	19	80	50	59101BD
Combi M12ø22	590230HBD	13,5-17,5	22	80	50	59106BD
Combi M12ø22	590235HBD	18-22	22	80	50	59106BD
Combi M16ø22	59014HBD	12,5-16,5	22	140	85	59106BD
Combi M16ø22	59015HBD	18-22	22	140	85	59106BD



## Rail-Line Core Drill

Carbide annular cutters with optimally angled, specially treated Sandvik teeth



Ø19 mm ● Part no. 59RLK19R  
Ø22 mm ● Part no. 59RLK22R

## Blue-Line Rail Core Drill

Powder steel with patented Durablue coating for the hardest surface drilling



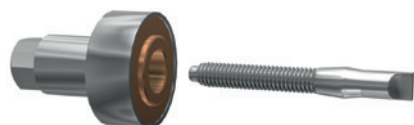
Ø19 mm ● Part no. 59SBK190  
Ø22 mm ● Part no. 59SBK220

## Drill-Line Rail Twist Drill

Powder steel with patented Durablue coating for the hardest surface drilling



Ø13,5 mm (d. 30 mm) ● Part no. 59SBW135  
Ø13,5 mm (d. 40 mm) ● Part no. 59SBW136



## Assembly Tool

M12Ø19 ● Part no. 59101BD  
M12/M16Ø22 ● Part no. 59106BD



## Hole Gauge / Counterhold

M12Ø19 ● Part no. 591085  
M12/M16Ø22 ● Part no. 591098



## Torque Wrench

Analogue 40-200 Nm ● Part no. 59106  
Digital 20-100 Nm ● Part no. 59106305  
Digital 40-200 Nm ● Part no. 59106310



## Chamfering Tool 25mm

● Part no. 59104



## Super Drilling Paste

Friction-modifying special drilling paste  
No more heavy coolant bottles

● Part no. 59579



## Magnetic Swarf Wand

Removes your drilling chips like magic

● Part no. 59104020

## Mini torque multiplier

Mini torque multiplier 3.4:1. Small light weight max range 450Nm/332lb-ft with rubber covered reaction bar for wheel protection.

- Input 3/8"D, output 1/2"D. Weight: 710g.
- Max output torque 450Nm/332lb-ft; max input 130Nm/95lb-ft. Tolerance +/- 5 %.
- Features a rubber covered reaction bar to protect the wheel.
- Conversion table from Nm Input < Output available.



Scan for more  
SafePlug® Accessories