UK NETWORK RAIL APPROVED

SafeGrip™

SafeGrip™

Multipurpose

SafeGrip™ is used as a stationary or temporary connection of cables to the rail. It can also be used as a temporary connection between rails while rails are being changed. One size fits several different rail profiles.

Easy to install

SafeGrip™ is easily fitted with only a spanner.
- No sledgehammer
- No special tools
- No filing of the contact surfaces
- No cleaning of the rail

Zero Maintenance

SafeGrip™ does not need to be adjusted or tightened after a period. The special Swedish spring steel makes sure that the screw always keeps a tight pressure against the rail.

Weather Proof

SafeGrip™ is not only easy to install in any weather, but can withstand the harshest climate conditions with secure and oustanding electrical performance, year after year.
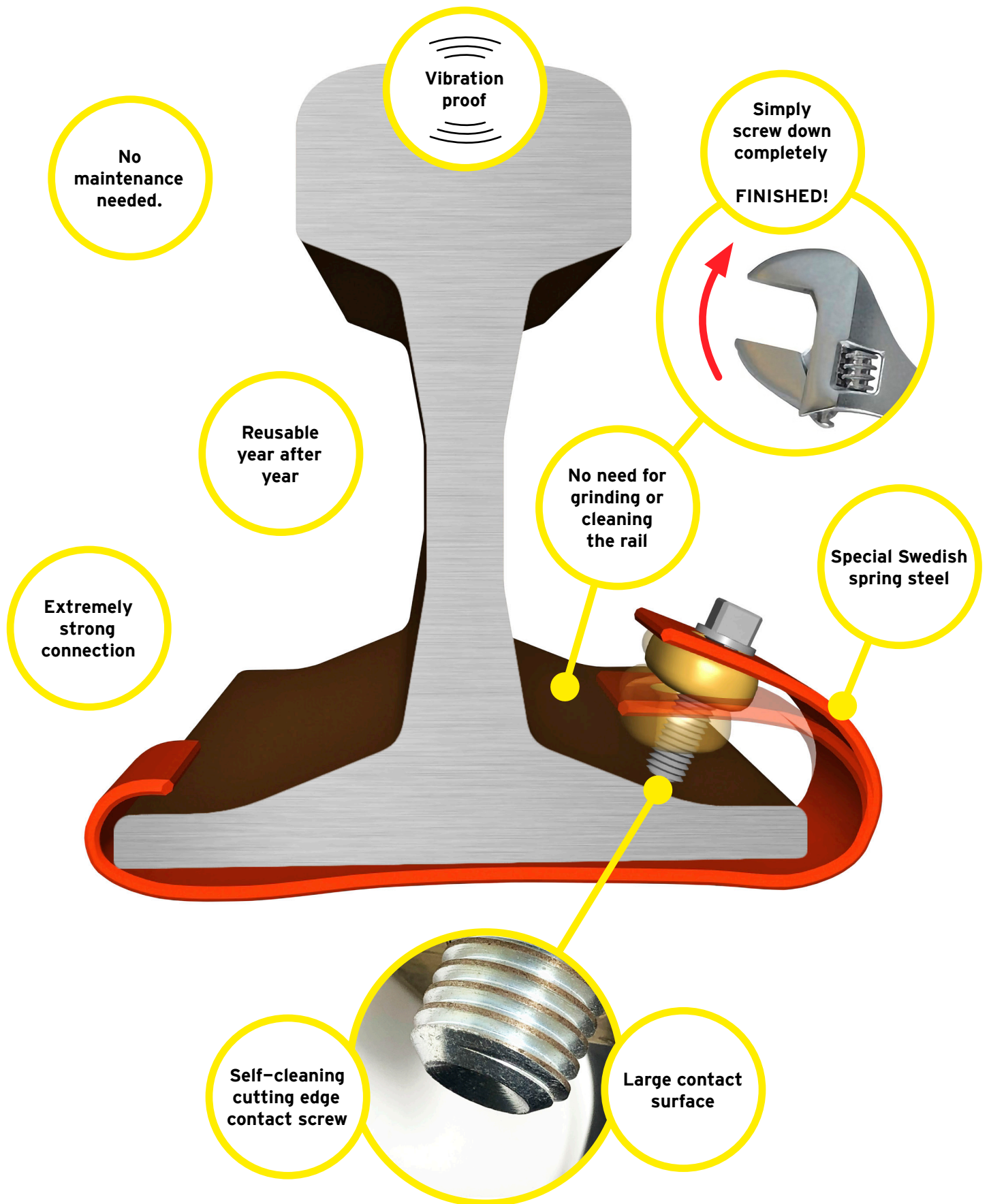
All SafeGrip™ Can be fitted with special locking bolt

T–COD

Safetrack's unique Rail Contact Clamps are also used as a Track Circuit Operating Device (T–COD) with extra insulating features.

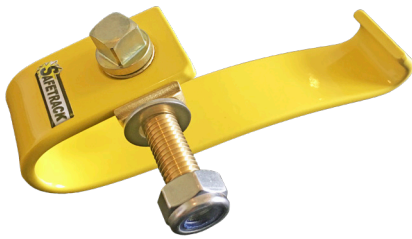**UK Network Rail Approved**

SafeGrip™ The maintenance-free Rail Contact Clamp

Vibration proof

No maintenance needed.

Simply screw down completely

FINISHED!

Reusable year after year

No need for grinding or cleaning the rail

Special Swedish spring steel

Extremely strong connection

Self-cleaning cutting edge contact screw

Large contact surface

Individual Rail Contact Clamp without cable

Type A   **Type B**   **Type C**

SAFE No.	For cable size (mm²)	Connection to cable	Foot width (mm)	Fits ~rail size	Color	Type	Note
7019	up to 50 mm²	M8	120–140	50 kg	Red	A	Cable on R side
7078	up to 50 mm²	M8	139,5–150	UIC 60	Yellow	A	Cable on R side
707805	up to 50 mm²	M8	125–150	50–60 kg	Yellow	A	Cable on R side
707807	up to 50 mm²	M8	125–150	50–60 kg	Yellow	A	Lockable R use w. 7012
701919	up to 50 mm²	M12	120–140	50 kg	Red	A	Cable on R side
707806	up to 50 mm²	M12	125–150	50–60 kg	Yellow	A	Cable on R side
707808	up to 50 mm²	M12	125–150	50–60 kg	Yellow	A	Lockable R use w. 7012
7003	up to 150 mm²	Stripped bare wire	120–140	50 kg	Red	B	Cable on R side
7004	up to 150 mm²	Stripped bare wire	139,5–150	UIC 60	Yellow	B	Cable on R side
70040002	up to 150 mm²	M12	125–150	50–60 kg	Yellow	C	Cable on R side
70040004	up to 150 mm²	M12	125–150	50–60 kg	Yellow	C	Cable on L side
70040210	up to 150mm²	½"	125–150	50–60 kg	Yellow	C	Lockable R use w. 7012

Rail Contact Clamp with cable
Complete selection for all rail sizes

Type D

Part no.	Area (mm^2)	Length (mm)	Foot width (mm)	Fits ~rail size	Color
7135	25	1560	100–125	35 kg	Yellow
7082	25	1560	120–140	50 kg	Red
708686	25	1560	125–150	50–60 kg	Yellow
7086	25	1560	139,5–150	UIC 60	Yellow
7230	25	3000	125–150	50–60 kg	Yellow
7240	50	1000	125–150	50–60 kg	Yellow
7242	50	1200	125–150	50–60 kg	Yellow
7241	50	1400	125–150	50–60 kg	Yellow
7246	50	1600	125–150	50–60 kg	Yellow
7245	50	1700	125–150	50–60 kg	Yellow
7265*	50	1650	–	Bullhead	TCOD/Red
7239*	50	1650	125–150	50–60 kg	TCOD/Yellow
7238*	50	1930	125–150	50–60 kg	TCOD/Yellow
70752	50	20 000	125–150	50–60 kg	Yellow
7257	95	1000	125–150	50–60 kg	Yellow
7260	95	1600	125–150	50–60 kg	Yellow

Other lengths available upon request.

* UK Network Rail Approved!
TCOD Delivered with locking bolt and extra insulation as standard.
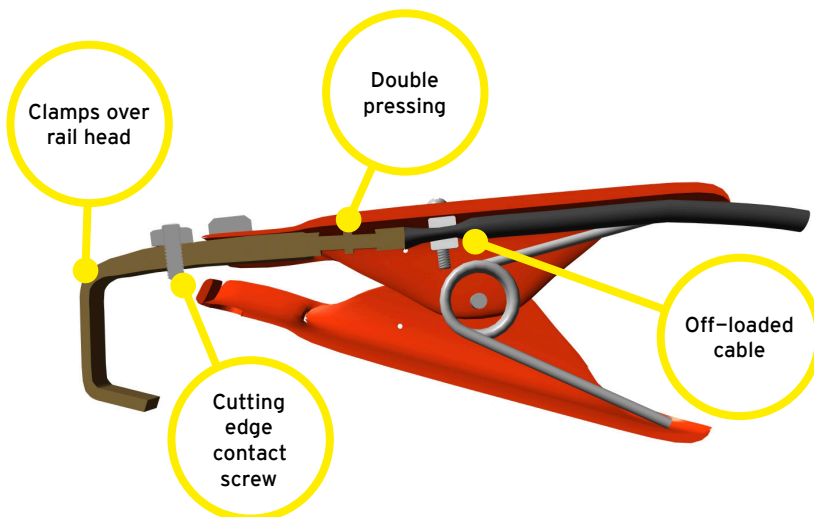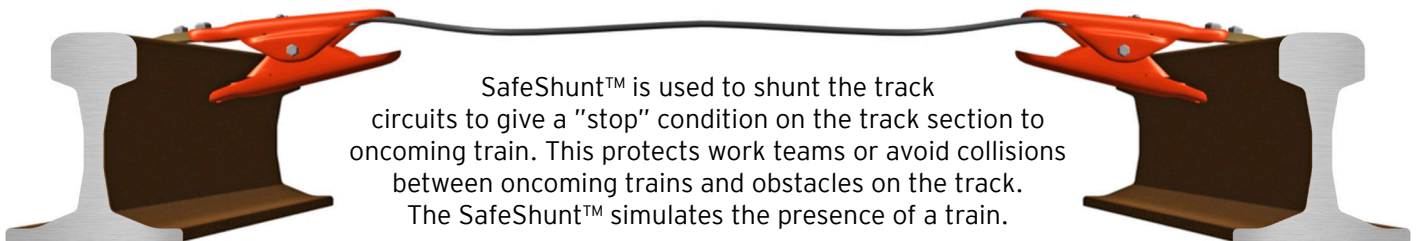Locking key (SAFE 7012) not included.

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Bag
SAFE 7008

Locking Key
SAFE 7012

Locking Bolt
SAFE 7016

SafeShunt™ / Track Circuit Shunt

SafeShunt™ is used to shunt the track circuits to give a "stop" condition on the track section to oncoming train. This protects work teams or avoid collisions between oncoming trains and obstacles on the track. The SafeShunt™ simulates the presence of a train.

Clamps over rail head

Double pressing

Off−loaded cable

Cutting edge contact screw

Technical specification

Cable lug:	Hot pressed brass
Contact screw:	Stainless steel
Cable:	Multi wire 10mm² copper PVC insulation, red cable as optional
Tong handles:	Orange painted sheet steel

Test

Voltage:	24 VDC
Voltage drop:	0,032 V
Current:	10 A
Resistance:	0,0031 Ohm

- Will not release by a foot trip, thanks to a smart design
- Cable is double crimped to the clamp secured over the rail head
- Fits most types of rail profiles
- Tongs are easily fitted and have an excellent contact grip
- Orange painted for good visibility
- Lightweight, only 1,4 kg
- Unmatched reliability – 60 years of flawless use of more than 120.000 supplied units

Part no.	Length mm	Note
7033	2450	
7034	1660	
7034b	1660	Extra insulated
7034DK	1860	Yellow/Green cable
70351	1760	
7035b	1760	Extra Insulated

Quality − Tested & Approved

Safetrack material is thoroughly tested by third party, on site and in our own laboratory for corrosion resistance, fatigue tests etc.

Safetrack Baavhammar AB
ISO 9001 certified
ISO 14001 certified