



# TECHNICAL DATA SHEET

## Radiating Cables

Kabelwerk

**EUPEN** AG

Rev.: 05/2024-01-15

**cable**

# SKH Radiating Cable clamps

## PRODUCT DESCRIPTION

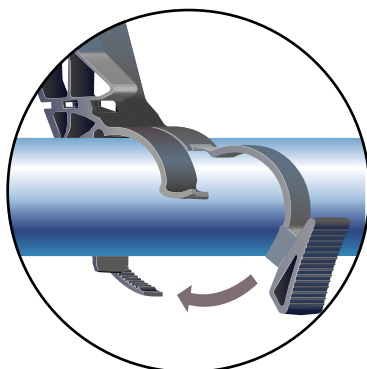
Single piece clamp for secure mounting of radiating cables to the wall or ceiling.

## FEATURES

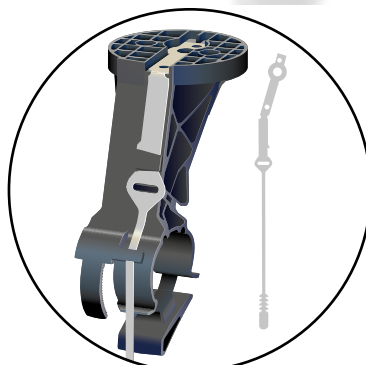
- Only one single piece
- Fast mounting – time saving
- Standard wall distance of 80mm
- Fire resistant metal band
- No additional tools necessary
- Sizes for 1/2", 7/8", 1-1/4" and 1-5/8"
- Suitable for tunnels in which high-speed trains run at speeds of up to 350 km/h



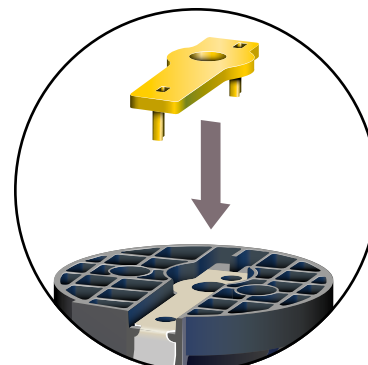
SKH



Sophisticated patented closure system that does not require additional screws



Integrable fire safety solution

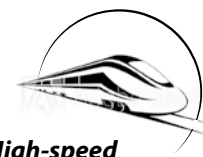


Isolation plate against radiation losses

Type	Art-Nr	Size min.	Size max.	Mounting temperature	Material	Color
SKH12	S547	13,7 mm	16,2 mm	-20 to +90 °C	Halogen Free & UV resistant	Black
SKH78	S548	26,5 mm	28,7 mm			
SKH114	S549	37,0 mm	39,0 mm			
SKH158	S550	44,2 mm	48,0 mm			

## SUITABLE for HIGH-SPEED TUNNELS

The SKH is suitable for use in railway tunnels with high-speed traffic. Due to its ribbed construction and the use of a plastic material with superior elasticity of expansion, the fatigue strength of the SKH can be guaranteed in tunnels with a cross-section  $A \geq 41 \text{ m}^2$ .



**High-speed**



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## FIRE SAFETY DEVICE

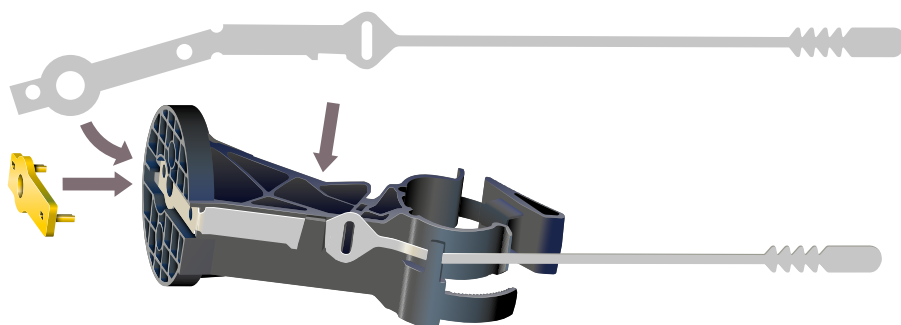
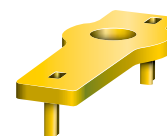
Every SKH can be extended to a fire-safe installation by inserting the FSB stainless steel fire safety strap. This eliminates the need for a separate fire safety point. The FSB has been designed to reduce the radiating power losses (PIM value) of the radiating cable to an absolute minimum.



## ISOLATION PLATE

The IPL isolation plate galvanically separates the FSB fire safety strap from the mounting surface as well as from the metal anchoring.

„Earthing“ of the fire safety strap, which encloses the radiating cable when mounted, is prevented and so, consequently, is any conduction of the transmitted signal.



Insertion sketch of the fire safety strap made of stainless steel A4 / 14401 with new IPL isolation plate.

Type	Art-Nr	Material	Fire resistance EN 1363-1 50N load	Fire resistance EN 1363-1 100N load
FSB12	S551	EN 10088	> 75 minutes	> 45 minutes
FSB78	S552			
FSB114	S553			
FSB158	S554			
IPL	S805	PP	—	—

## REQUIREMENTS for SCREW

**For SKH without FSB (non-fire-resistant):** CS Concrete Screw (#S 787)  
and Concret Dowel (#S 788)

**For SKH with FSB (fire-resistant):** TILCA stud Anchor (#S 806)  
Metallic stainless Steel

