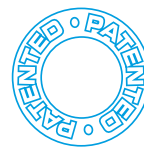


## RAIL WEB ELECTRICAL CONNECTION SYSTEM TYPE AR 60KA



### Description:

This unique system was designed and developed by Cembre in 1988 following a review of existing electrical connection systems. The aim of the Cembre system is to provide a low resistance interface between the rail web and the terminal lug. Following in-depth testing in the laboratory and extensive field trials, the system has been recognised and approved for total reliability.

- low electrical resistance (microhm)
- simple to install, not dependent on operator skill level
- quick and easy to install (less than one minute)
- easy to connect/disconnect cables, for fault finding

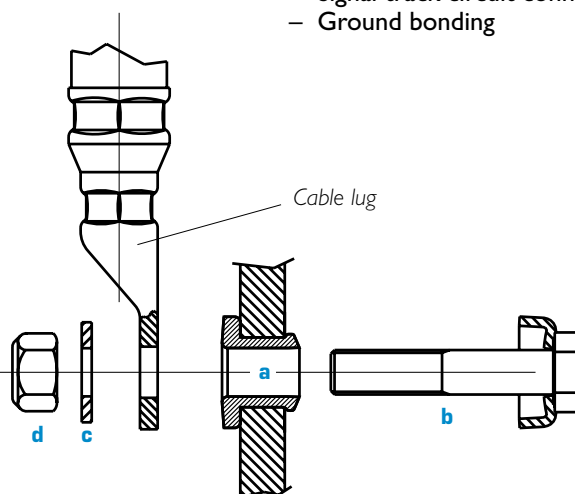
Rail web cable connection applications:

- Traction return bonding
- Continuity bonding
- Signal track circuit connection
- Ground bonding

### AR 60KA Connecting scheme:

#### System components:

- a - **AR 60-I** bush
- b - **AR 60L-3X** screw, hexagonal head M12x60
- c - **M12 washer** Ø 13x24 mm
- d - **M12 self-lock nut**



#### Materials:

- **AR 60-I**, Cu-OF, copper CW008A according to UNI EN 13600:2003
- **AR 60L-3X** Stainless steel A4-80, zinc. plated thickness 7-12 µm;  
Cup flange Stainless steel X2CrNi19-11 / AISI 304L
- **M12 washer Ø 13x24** Stainless steel A2
- **M12 self-lock nut** Stainless steel A3P (Ebs 20.20.26)

**Railweb thickness:**      **AR 60KA:** 14 to 16,5 mm

**Hole diameter:**            19 mm

#### **Cembre SpA**

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