EARTHBOND

Instructions for use











Drilling

Insertion

Connection

Earthbond installation is a continuous process. For safety and reliability of the installation, the operation must be carried out without any interruptions.

(Drilling/Insertion/Connection)

The operator is responsible for all tools being calibrated. For the best results, drilling should take place at a low speed (400-600 rpm).

For crimping the terminal, see separate working instructions!

Check the following prior to installation:

- Correct Earthbond for the structure, in relation to the rawmaterial and thickness (see table on page 3)
- Correct drill diameter for hole making (see pack)
- Torque wrench with appropriate torque range for tightening (see pack)
- Correct assembly tool (see pack)

Installation



Drill a hole at a low speed into the structure with the diameter set for the Earthbond (see pack).



Press the trigger to completely release the hydraulic pressure and retract the plunger.



Screw the Earthbond onto the muzzle of the hydraulic assembly tool.

NOTE: THE EARTHBOND SHOULD BOTTOM OUT IN THE TOOL.





Insert the Earthbond into the hole and ensure that the flange has a tight fit to the structure.

NOTE: CHECK THAT THE TOOL IS
PERPENDICULAR TO THE STRUCTURE.

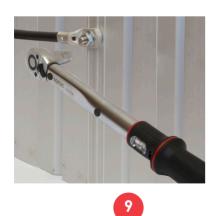


Using the tool handle, pump until you hear a click (calibrated pressure force)

NOTE: THE FLANGE SHOULD ALWAYS FIT TIGHTLY
TO THE STRUCTURE DURING INSTALLATION.



Turn the dial on the back of the tool to disengage the tool from the Earthbond.



Tighten the nut using the torque wrench



After the click, press the pressure release to relieve the hydraulic pressure.



Attach the terminal to the Earthbond

- 1. Terminal
- 2. Plane washer
- 3. Nut

Raw material	Thickness	Earthbond
Steel & Stainless Steel	1.5 – 4 mm	EBD1.5ST-M8
	> 4 mm	EBD4ST-M8
Aluminum	1.5 – 4 mm	EBD1.5ALU-M8
	> 4 mm	EBD4ALU-M8