

EARTHBOND

GB Instructions for use



EIPRESS®



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).

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)

For crimping the terminal, see separate working instructions!

Installation



1

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



2

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



3

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

NOTE: THE EARTHBOND SHOULD BOTTOM OUT IN THE TOOL.



4

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.**



After the click, press the pressure re-
lease to relieve the hydraulic pressure.



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



Attach the terminal to the Earthbond

1. Terminal
2. Plane washer
3. Nut



Tighten the nut using the torque wrench

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

