

## EXPANCHOR® ET-100/ ET-150

This Expanchor® with cut off top is a ceramic anchor which can be inserted in basically any kind of refractory lining for a wide range of anchoring purposes.

Mainly this anchor is designed to be used in combination with Refrex® fabrics, to fix this fabric over existing fibre linings, at those places which have a poor quality fixing towards the steel casing. The mechanical connection (M-6 threaded stud) towards the steel casing, guarantees a durable fixing including the backup materials.



Fig. 1



Fig. 2

However the Expanchor® also can be applied to fix additional fibre blankets or board (25 up to 75 mm) over existing fibre linings. The anchor is installed by means of a small ceramic threaded cylinder, which is screwed onto a metal threaded stud. This way, repairs and modifications can be performed with reduced chance of damaging the lining. Also, it guarantees a 100% mechanical anchoring to the steel casing. Inserting into present or new c.f. (module/stackbond) linings is done by hand.

### ED-80/RS or ED-80 disc for extra support:

The **ED-80 / RS** has a split (to allow expansion at high temperatures), which is narrower than the shaft of the Expanchor® to make it impossible to ever fall off (see fig. 3).

The **ED-80** has a wider split, which can be placed between the lining and the head of the Expanchor® afterwards when needed (see fig. 4).

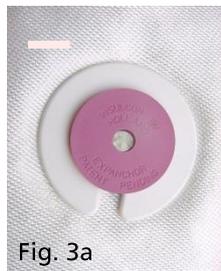


Fig. 3a



Fig. 3b



Fig. 4a



Fig. 4b



Fig. 4c

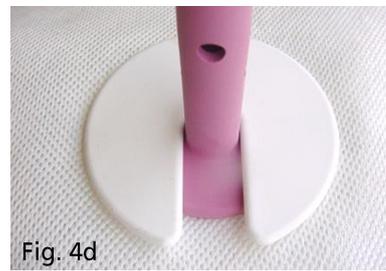
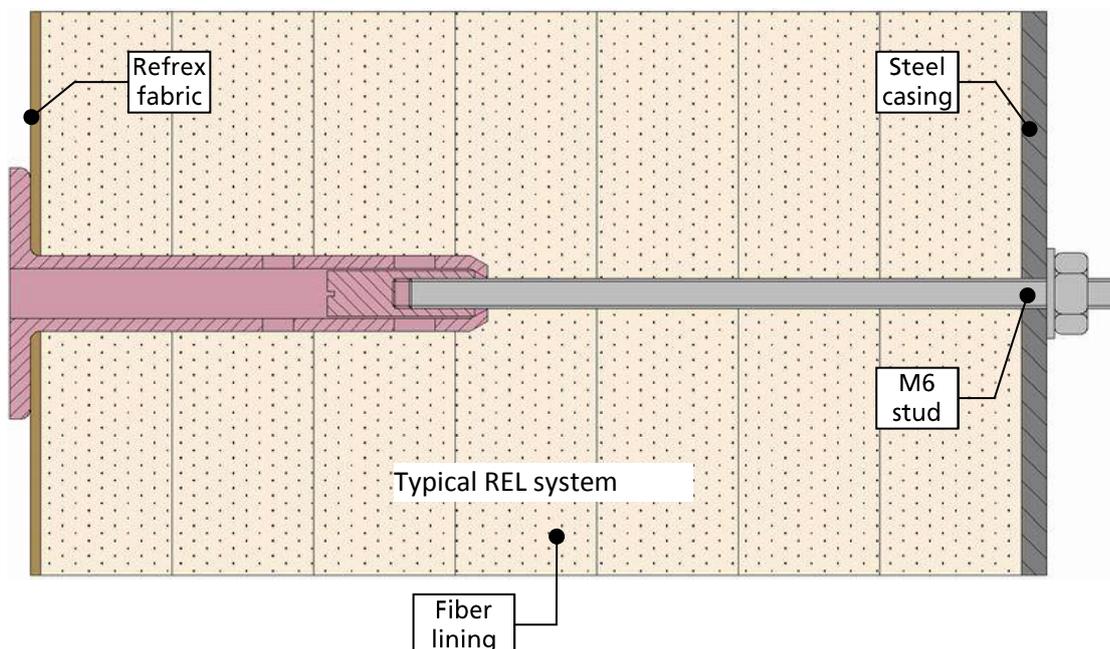


Fig. 4d

## EXPANCHOR® ET-100/ ET-150

### Typical use:



### General characteristics:

- 97 % Al<sub>2</sub>O<sub>3</sub>; max. operating temperature (oxidizing): 1450 °C
- Threaded M-6 studs in quality: AISI-310, RA-330, Inconel 601.
- Creates a durable heat reflecting maintenance free hot face surface.

### Typical applications:

- Fixation of Refrex® fabrics (REL system)
- Upgrading and/or renovation of present and/or existing linings.
- Easy repairing of damaged lining areas.

### Availability:

ET-100: Fixed 50 mm flange; length 100 mm.

ET-150: Fixed 50 mm flange; length 150 mm.

Threaded M-6 studs available on specific lengths.