Short stack kit

*for the Open Flanges setup*

Just stack it by assembling your cells, interconnects and sealings. The kit can also be delivered mounted, ready to use.

**Stack parameters** such as flow distribution, electrical contact resistance, protective coating against chromium evaporation *in situ* fuel processing and sealing tightness can be independently characterized and optimized.

**Combination** of ideal and real stack conditions, for instance Crofer steel on anode and gold mesh on cathode.

**Available in Crofer 22H** from stock or other materials (ferritic steels, nickel or copper) on request or provided from customer.

**Inlet/outlet:** Inconel 600 or pure alumina tube to avoid tar formation and/or chromium poisoning.

**Two standard interconnects** available from stock for 50x50 mm square cells with internal manifold.

Assembly of two cells in the short stack kit. The 6 mm end plates allow to squeeze the stack and to ensure the flatness of the interconnects.

**Other interconnects design** on customer’s request: cell shape (square, disc or rectangular), dimension (up to 60x80 mm or 80 mm in diameter), pattern structure and flow distribution, internal/external manifold. The interconnects are chemically grooved.

**Easily dismountable sealing** with commercial soft mica. Possibility to use glass or other sealants.