

Figures with text relating to press release  
**Polysoude: The Vision of a Worldwide Leader**

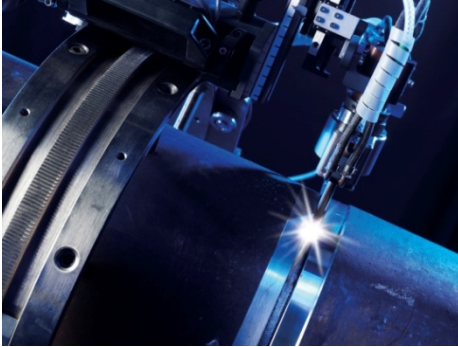


Fig. 1:  
 Photo: Polysoude

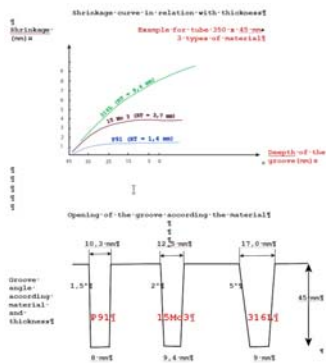


Fig. 2: Shrinkage curve in relation to the thickness  
 Photo: Polysoude

Opening of the groove according to the material  
 Photo: Polysoude



Fig. 3: Hot wire narrow gap weld. One pass per layer.  
 Wall thickness 180 mm, base material: low alloy steel P91.  
 Foto: Polysoude  
 Photo: Polysoude



Fig. 4: Polycar MP orbital carriage weld head and standard torch for narrow gap preparation up to 40 mm wall thickness  
 Photo: Polysoude



Fig. 5a



Fig. 5b

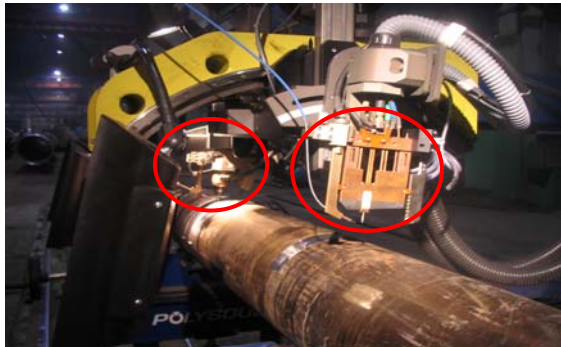


Fig. 5

Fig. 5: Double torch assembly for mechanised welding : Narrow gap torch and standard torch with motorized electrode stick-out

*Photo: Polysoude*

Fig. 5a: TIG hot wire standard torch with motorized electrode stick-out and seam tracker.

*Photo: Polysoude*

Fig. 5b: Finished weld / Capping pass

*Photo: Polysoude*

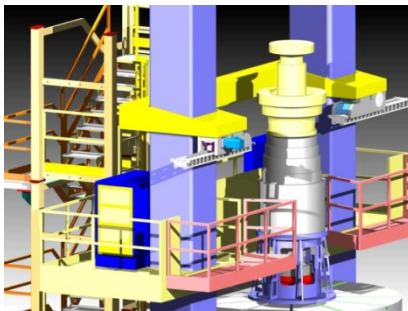


Fig. 6: Turbine Rotor welding station using TIG hot wire narrow gap double torch. Mono or multi-pass per layer

*Photo: Polysoude*



Fig. 6a: Mock-up for turbine rotor, both nuclear and fossil (add fuel). Up to 400 mm wall thickness

*Photo: Polysoude*

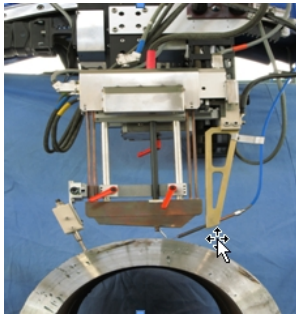


Fig. 7



Fig. 7a

Fig. 7 + 7a: Narrow gap TIG hot wire welding. Torch with oscillating electrode and wire for wall thickness from 80 to 160 mm. In the present case: base material P91 low alloy steel

Photo: Polysoude

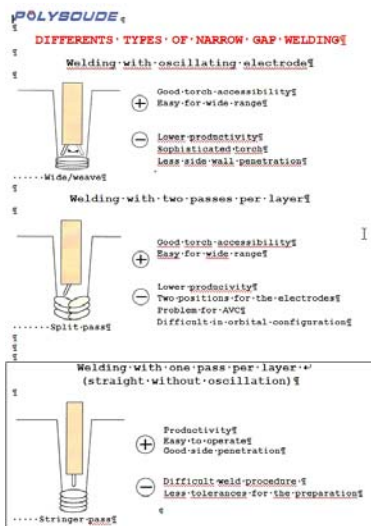


Fig. 8: Different variants of narrow gap welding

Photo: Polysoude