Stainless steel makes rowing boats easier to fabricate and lighter in weight than other materials. This possibility was demonstrated by a design that started from a sheet of stainless steel 3,000 x 1,500 x 1 mm. Brake pressing followed by the manual forming of beads in the transverse direction result in a zig-zag pattern that provides structural integrity. The polymer end plates make the boat virtually unsinkable. The wooden bench and railing are practical without having any structural function. The boat is designed for three people, but its geometry can be scaled to other required dimensions, and it is easy to fabricate. It does not require any cutting operations and the final shape is produced only by forming. The design won the third prize in the 2015 Steel Innovations Award by the German Steel Federation.

### SKIFF Rowing Boat

**Fabrication process**: Brake pressing

**Grade/surface**: 304 (EN 1.4301)

**Dimensions**: 1 mm

**Designer**: Benedict Boderius, Cologne, Germany

**Date of completion**: 2015

**Source of information**: German Steel Federation