

Mounting instructions for LHG - bearing plates for welding

MATERIAL

Steel, St37k (material number 10037) /
abbreviation S235JR.

- 1 The LHG sliding plate must be welded onto the lower construction, PTFE-coated side facing up!
- 2 8 mm tack welds are sufficient.
A long weld seam is not advisable, as the PTFE-sliding layer could be damaged by overheating at the corners.
- 3 During welding the PTFE layer must be covered!
- 4 As a counter surface, a 2mm strong stainless steel sliding plate (material number 1.4301 or 1.4401) has to be affixed to the upper construction. The surface must be smooth, fine-grounded K260 or blank Verf.2R (IIIId).
- 5 The size of the sliding plate depends on the possible glide path (x and y).
- 6 Single tack welds are sufficient to affix the stainless steel sliding plate, favourable at the corners.
- 7 It is very important to cover the PTFE-sliding surface during welding!

RECOMMENDATIONS FOR WELDING ELECTRODES:

All common electrodes for construction steels can be used as welding electrode.