böhler welding
by voestalpine

BEST OF THE BEST WELDERS CONTEST

1. You can select between two typical welding applications in the area of steel construction. A gusset plate or tube joint.
2. Choose one, weld it using stick electrodes from Böhler Welding* and make a video.
3. Upload the video here
4. A jury will select the 5 best videos. The welders of these will be invited to our big event in Germany in June 2019, where all have the chance to win great prices in a live welding contest.

HOW CAN YOU IMPRESS THE JURY?

We want to see smooth and clean weld seams, correct dimensions of the seam and you welding like a pro.

*Typical electrodes for such an unalloyed steel constructions are rutile coated stick electrodes like BÖHLER FOX OHV, BÖHLER FOX ETI or Phoenix Grün. If you want to archive higher mechanical properties, take a basic coated BÖHLER FOX EV 50 or Phoenix 120 K. If you need samples of those electrodes, you can order them free!

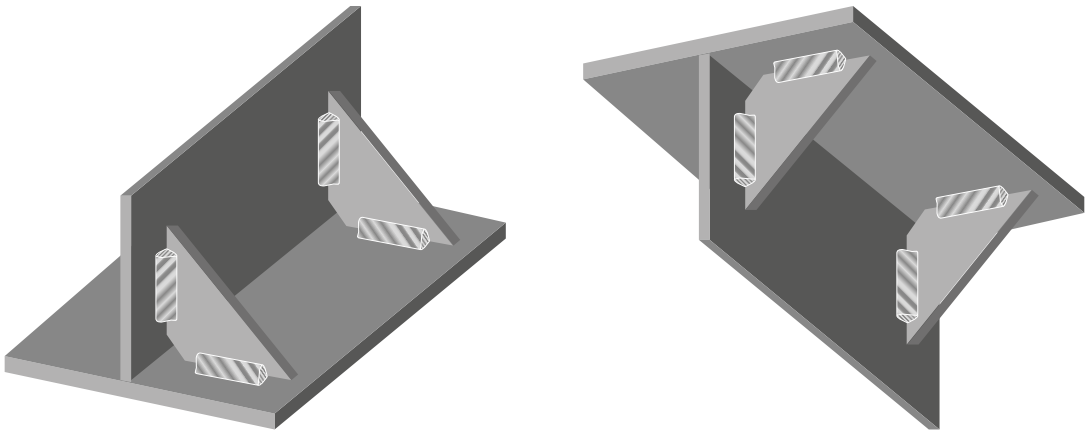
ORDER ELECTRODE SAMPLES NOW!

» E-Mail to: Robin.Goetschl@voestalpine.com

BEST OF THE BEST WELDERS CONTEST

TASK 1: GUSSET PLATE

This plate is the connection in the edge of two steel beams and increases the strength of such constructions. The steel beams can be rectangular, plates or small pipes as you can see in the picture. The welding seams should join the two steel beams and the gusset plate on all sides with a fillet weld both in horizontal and in vertical up position or even over-head (PA/PB, PF or PD).

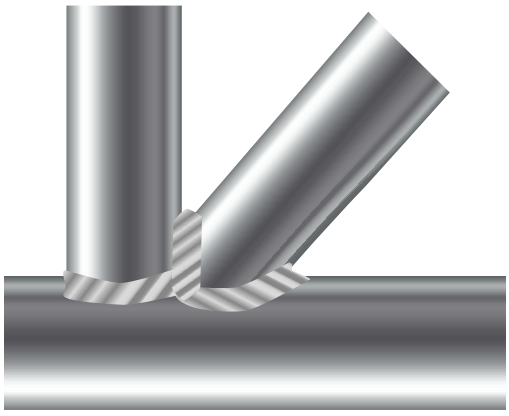


ill. gusset plate

BEST OF THE BEST WELDERS CONTEST

TASK 2: TUBE JOINT

If you choose the tube joint, the preparation and welding is a little bit trickier. We suggest to use unalloyed rutile coated stick electrodes like BÖHLER FOX OHV, BÖHLER FOX ETI or Phoenix Grün. If higher mechanical properties for lower temperatures are required, take a basic coated electrode like BÖHLER FOX EV 50 or even BÖHLER FOX EV 60. The welding seams should join the tubes with a fillet weld, welding on the pipe in vertical or horizontal position (PB or PF).



ill. tube joint