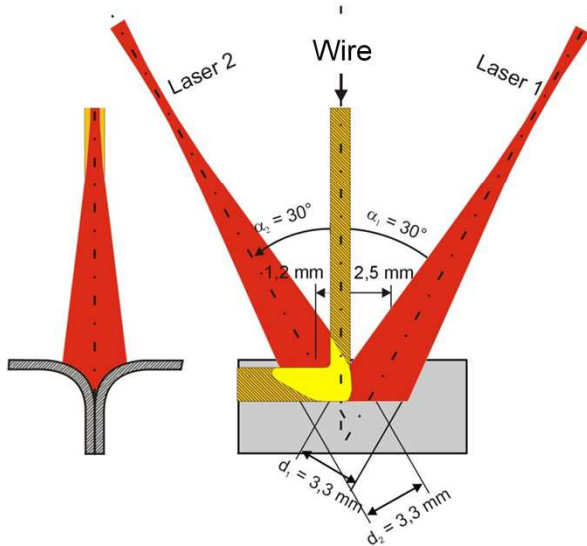


## Dual beam technology with ERLASER® DUO



The dual beam technology has extra advantages for brazing or welding with wire in addition. The specific benefits result from the spatial arrangement of the laser beams and the wire. The first laser beam cares for energy input in the parts and in the wire whereas the second beam may irradiate the wire as well as the melt surface. Laser energy reflected by the wire impacts on the interaction zone and is not lost for processing. Compared to a wire feeding from the front and a perpendicular to work piece oriented laser beam the line energy necessary is reduced almost to the half. That means: same processing speed at half laser power or double speed at same laser power.