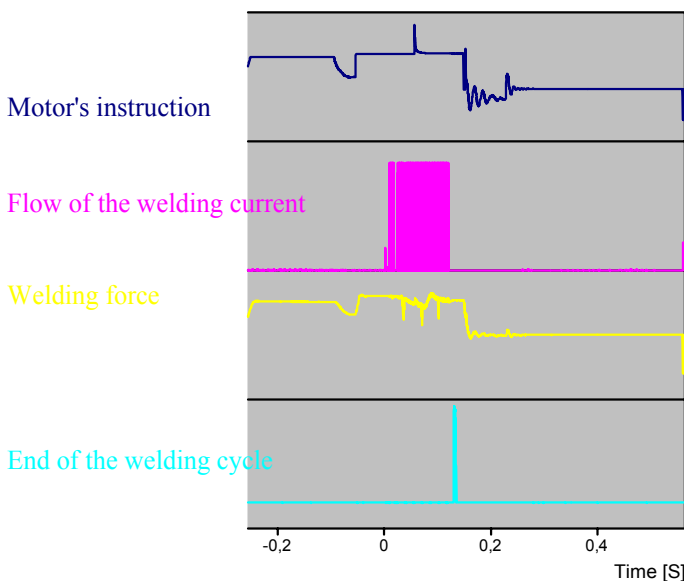


## NUMERICALLY DRIVEN WELDING HEAD TYPE TN



- Welding force supplied by a servomotor type brushless. Torque monitoring for a constant force during the welding process
- A Piezo sensor for force checking during the welding cycle can be set up
- Welding current can be switched off once a defined position has been reached
- Direct driving through ball screw. Integrated position measuring device with adjustment of the approach and squeeze speeds
- Welding unit with guiding through ball block
- Electrode holders adjustable in X - Z axes
- Electrode holder set up onto a moving and current conductive block. Easy adjustment of the electrodes outside the machine. Components quickly interchangeable, without water stop
- Indexing slot for tools
- Components to be easily integrated onto aluminium standard profiles
- Adaptation for lower electrode moving possible
- Head to be mounted into assembling machines



| Head type | Maxi. Welding force | Stroke | Electrode holder diameter | Electrode diameter | Over-hanging arm | Width |  |
|-----------|---------------------|--------|---------------------------|--------------------|------------------|-------|--|
| TNB 30    | 30 daN              | 50mm   | 12mm                      | 3mm                | 70mm             | 40mm  |  |
| TNC 60    | 60 daN              | 50mm   | 16mm                      | 8mm                | 100mm            | 60mm  |  |
| TND 150   | 150 daN             | 50mm   | 25mm                      | 12mm               | 125mm            | 80mm  |  |

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