



■ Nelson TARC welding head type KSE 207



■ Nelson TARC feeder

■ Samples of brackets weldable with TARC



THE INNOVATION FROM THE LEADER IN STUD WELDING TECHNOLOGY

Stud welding of bolts with its variety of individual applications is a widespread technology in all different fields of metal processing.

Brand-new and a version of the stud welding process is Nelson TARC welding. TARC welding offers the possibility to weld non rotation-symmetric components in one step on the base material. The weldability and geometry of each component will be checked in advance and individually by our applications engineering. A Nelson TARC welding system consists of a power source, a welding head and a TARC feeder for the correct positional arrangement of the component. This configuration is extremely flexible and based on devices of the latest Nelson technology. A robot moves the welding head, which controls the handling of the component and the TARC welding process itself. The component is welded frontally on the base material different from spot welding. This reduces the weight of the total assembly group and saves costs of material. The quality of the TARC welding gets monitored by a process control integrated in the power source.

Do you have further question about TARC welding? You can get more detailed information or make an appointment by sending us an email to the following address:

tarc@nelson-europe.de



European Headquarters:

Nelson Bolzenschweiß-Technik GmbH & Co. KG, Postfach 40 20, D-58272 Gevelsberg, Flurstraße 7-19, D-58285 Gevelsberg
Telefon 0 23 32 - 6 61-0, Telefax 0 23 32 - 6 61-165, E-Mail info@nelson-europe.de, www.nelson-europe.de