

Application example Connection bolt on a conductor rail

PLASTIC WELDING	METAL WELDING	CUTTING	CLEANING	SCREENING
<image/>		Task The automotive industry ductor rails in an effort to The insulated aluminium of need to be equipped wit poses. Solution The screws are welded of nickel-plated copper con ultrasonic technology. Configuration advantage The nickel plating on the of the aluminium corrodi bly increasing the strenge minium connection on th technology is quick, envi into automatic productic of options for monitoring	o save costs, weight, a conductor rails with er h screws on both side nto the aluminium co tacting plinth and tor ges copper contacting pl ing on the one hand, th of the weld compa ne other. Torsional SO ronmentally friendly a on processes. Users also	on aluminium con- and, as a result, fuel nbossed terminals es for contacting pu onductor rails using sional SONIQTWIST while also consider, red to a copper/alu NIQTWIST® ultrasor and easy to integrate so enjoy a wide rang

The application was produced on a 10 kW torsional TSP8000 SONIQTWIST® welding system, as well as with corresponding components in a special system.

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