



STEP WELD

5MM, 9MM AND 13MM STEP WELDS
FOR THE SINGLE USE WELDING PROCESS

- » Available in 5mm, 9mm or 13mm steps
- » Compatible with either the Single Use Elite I (Tin Crucible) or Single Use Elite II (Environmental Crucible) welding process
- » Available in 53kg and 60kg rail sizes
- » Suitable for Standard Carbon (Z90) or Head Hardened (Z110) rail
- » Uses the same pre-heating and welding equipment as the standard Thermit® SkV-Elite I & II welding process
- » Minimise the chance of gas, fatigue or inclusion defects when joining mismatched rail through incorrect mould angle and poor weld geometry
- » Thermit® Step Welds exceed the AS1085.20-2006 standards

BENEFITS

- » Three sizes of Step Welds available to cover a range of mismatched rail
- » Minimal training required if welders hold a current Thermit® ticket for the Elite Welding Process
- » Range of rail sizes available to suit most welding applications
- » Save money, reduce defects and increase productivity by joining mismatched rail
- » Is cost effective as the Step Weld process uses the same pre-heating and welding equipment as the Thermit® Elite process
- » Step Welds remove the need for moulds to be rubbed in excessively while on track resulting in incorrect mould angles and related defects from a lack of fusion
- » Training and Technical Support delivered by Thermit® Australia

RAIL JOINING

RAIL SERVICES

MEASUREMENT

TOOLS & MACHINES

EQUIPMENT

MEMBER OF  **GOLDSCHMIDT**
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