

# e2091TAV FASTENING SYSTEM



 赛福扣件系统 | **SFFST**  
SAFE RAIL FASTENING SYSTEM



ISO 9001 / 14001 / 45001

# SFFST e2091TAV Fastening System

This fastening system is suitable for conventional and high-speed railway tracks. It can also be applied to other I-section rails depending on line operational conditions and track gauge requirements. Standard compliance: EN 13481-2, Category C.



## Configuration of components:

Rail Clip: e2091TAV

Cast Shoulder: 7323

Rail Gauge Insulator: 14.5#+11.5#

Rail Pad: XX/140/5

## Performance indicators:

Maximum axle load: 26t

Minimum curve radius: R150m

Speed:  $\leq 160$ km/h

Longitudinal rail resistance: 9~22kN

System clamping force: 17~19kN

Dual rail gauge expansion:  $\leq 6$ mm

Longitudinal resistance change rate:  $\leq 20\%$

Vertical stiffness change rate:  $\leq 25\%$

Clamping force change rate:  $\leq 20\%$

Electrical resistance:  $\geq 5$ k $\Omega$

Effect of exposure to severe environmental conditions:

Smooth disassembly

Proof load test for pull-out resistance:  $\geq 60$ kN

Gauge adjustment range: Determined by the rail type



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