

The Coronet Joint

The innovative Coronet Joint has been specially engineered to offer substantial benefits over existing dry-mechanical joint systems.

Network Rail Certificate of Acceptance N° PA05/1700



PERFORMANCE

- Delivers improved mechanical performance and electrical resistance, even after water immersion, through better engineered fit of components and a unique waveform to the web face of the fishplate

STRENGTH

- Improved metallurgy of the steel core encapsulated with a durable, impact resistant insulating shell

ACCURACY

- Tighter dimensional tolerance control through an injection moulding process

SPEED

- Designed for ease of use and rapid on-site assembly

- Available in 4 or 6 hole options to suit BSI 13A and CEN60 rail profiles
- Manufactured and tested to the exacting requirements of the Network Rail specification, the Coronet Joint has met all the criteria as set out in RT/CE/S/023

Contact for technical advice

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Optimum performance from dry-mechanical joints is achieved when they are installed as a system. This involves accurate cutting/drilling of rails, correct assembly and tightening of the fastenings, followed by periodic inspection of the bolt torque settings.

Much work has been done to improve the accuracy of the hole diameter and positioning. In recent drilling trials where both new and worn rails were drilled to accept dry-mechanical joints, the Coronet Joint was installed without excess force being required to insert all 6 bolts (of the correct diameter).



Each kit is supplied complete with assembly instructions, all fastenings and washer plates in robust weatherproof packaging.

ASSEMBLY KITS	
Cat N° 0057/054998	Coronet Joint Assembly Kit for 113A FB 4 hole joint, comprising bolts, nuts, washerplates and endpost
Cat N° 0057/054999	Coronet Joint Assembly Kit for 113A FB 6 hole joint, comprising bolts, nuts, washerplates and endpost
Cat N° 0057/060991	Coronet Joint Assembly Kit for CEN 60 4 hole joint, comprising bolts, nuts, washerplates and endpost
Cat N° 0057/060992	Coronet Joint Assembly Kit for CEN 60 6 hole joint, comprising bolts, nuts, washerplates and endpost
COMPLETE KITS	
Cat N° 0057/053839	Coronet Insulated Joint Kit 113A FB 4 hole complete set, including joint assembly kit and fishplates (pair)
Cat N° 0057/053840	Coronet Insulated Joint Kit 113A FB 6 hole complete set, including joint assembly kit and fishplates (pair)
Cat N° 0057/060019	Coronet Insulated Joint Kit CEN 60 4 hole complete set, including joint assembly kit and fishplates (pair)
Cat N° 0057/060020	Coronet Insulated Joint Kit CEN 60 6 hole complete set, including joint assembly kit and fishplates (pair)

Available from:

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