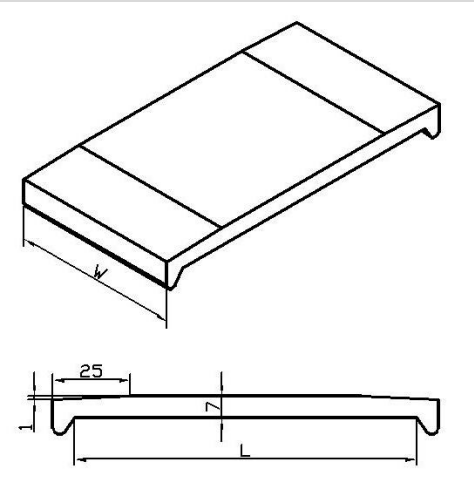
INDIVIDUAL RAIL PADS

Installation Instruction



THRAIL-MK2 Resilient Pad For Discontinuous Rail Support

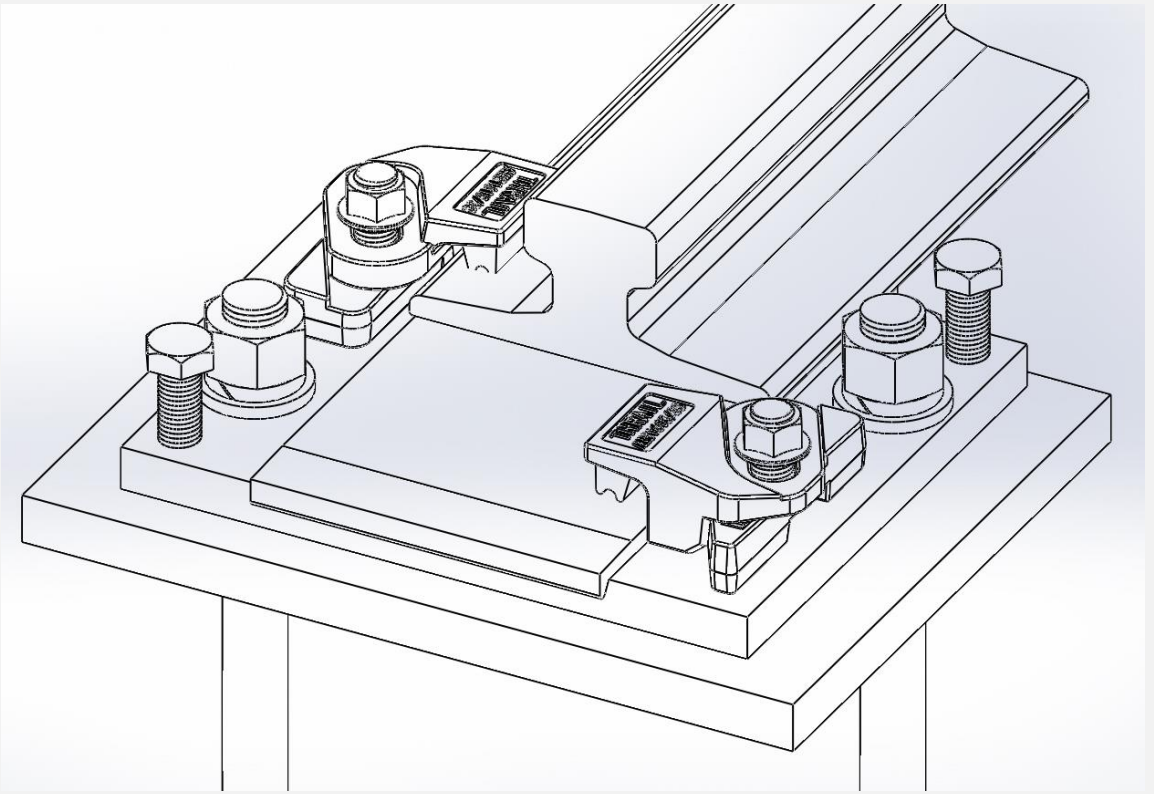
THRAIL-MK2 Resilient Pad are designed for installations where rails are mounted on individual sole plates.It reduces stress significantly,increases rail system lifespans and eliminates the fretting corrosion.

The MK 2 pad is concave. By pad inversion, it can intertwine with the steel soleplate excellently and prevent pad displacement. The pad is cut to 5mm less than the width of rail bottom.The pads are made in several sizes so that the total area is chosen to suit the expected wheel load.

Specification:

Soleplate width must match pad ‘L’ dimension from table below.

Model	Length（L mm）	Width（W mm）
MK2-110	110	Bottom width of the rail - 5mm
MK2-120	120	
MK2-165	165	
MK2-220	220	
MK2-250	250	
MK2-320	320	



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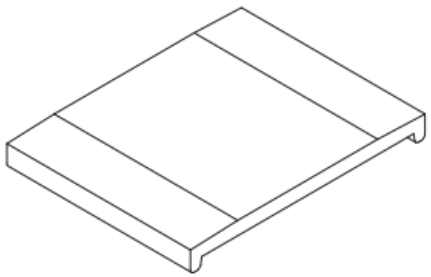
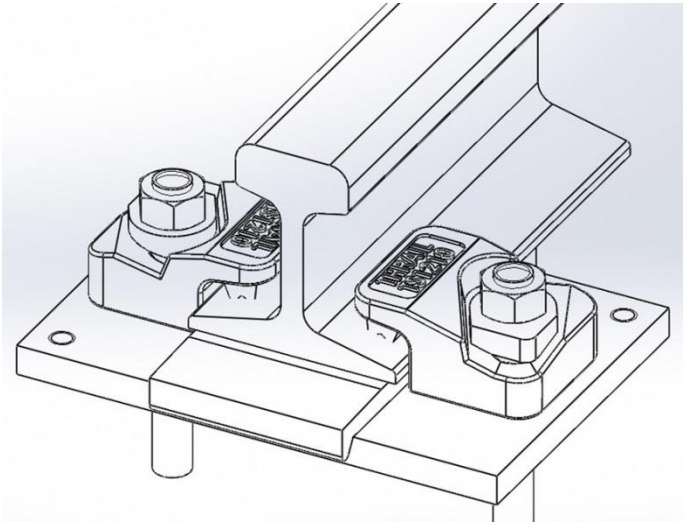
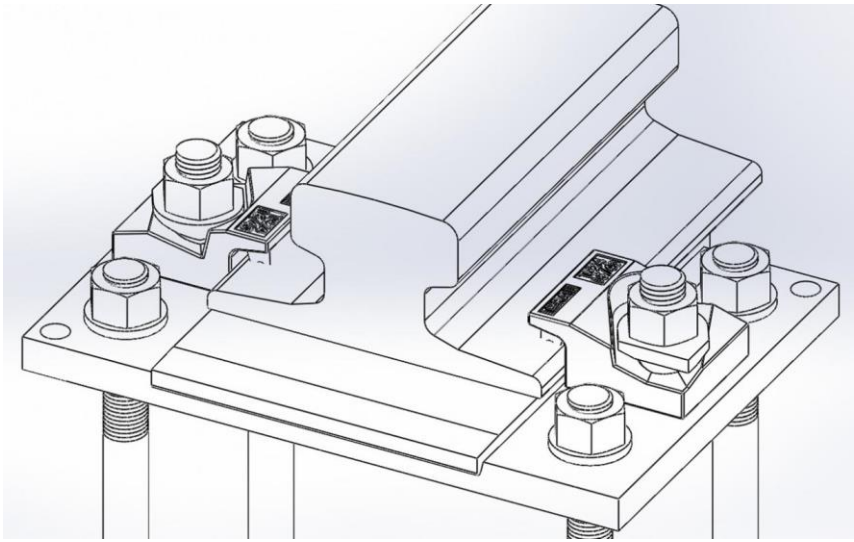
Individual rail pad is designed for individual soleplates. It can reduce stresses significantly,increase rail system lifespan and eliminate fretting corrosion.



THRAIL-DB2 resilient pad is made of wear-resistant durable thermoplastic which has elastomeric properties..This material is immune to oil,grease and ultraviolet light.They have been tested to many times the design loads and show complete recovery. Tapered leading and trailing edges along the rail reduce edge loading on the sole plate and grout when the crane wheel is between sole plates.

Material	EVA copolymer
Temperature range	-25° C～75° C
Recommended maximum compressive stress	15N/mm^2
Tensile strength	16 MPa
Elasticity modulus	100 MPa
Elongation ratio at break	750%
Shore Hardness	95





The convex in the cross-section of THRAIL resilient rail pad can make the pad carry stress reasonable.The ductile small rectangular stripes above the pad not only make the close contact between pad and rail track,but also strengthen the resilience of the pad,which can help to buffer the shock from the rail shake.

The rectangular grooves on the cross-section of the resilient pad help the overall lateral deformation of the pad restrained after it is subjected to stress and reduce the surface damage from compression deformation.The inbuilt steel strip makes the continuous rail pads have a best structure.Its performance is still excellent after two million endurance test.

These are only typical examples. There are a number of possible arrangements and THRAIL can advise on these for your specific application.No matter from most economical point or from most complete standard point,there is always a solution to meet your requirement.