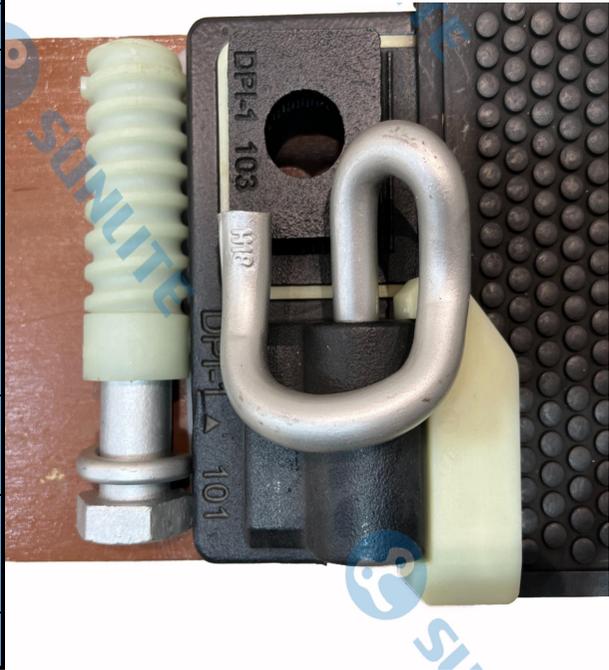


**Product Name**                      **Medium vibration damping fasteners**

<b>Primary material</b>	customisation
<b>Specifications</b>	Customised services
<b>Performance indicators</b>	<p>Vibration damping rating: Medium damping (insertion loss 6-8dB)            Structural height: 37mm–42mm (compatible with standard fastener clearance)            Core construction: Single-layer steel shim plate + dual-layer thermoplastic/natural rubber composite damping layer            Static stiffness: 12–18 kN/m            Dynamic characteristics: Dynamic-to-static stiffness ratio <math>\leq 1.4</math>; deformation &lt;5% after 3 million fatigue cycles</p>
<b>Product Features</b>	High-efficiency vibration suppression, ultra-slim engineering adaptation, non-destructive replacement upgrade, triple safety assurance
<b>Fields of application</b>	Rail transit, underground railway refurbishment projects, urban light rail systems, heavy-haul railways, and track vibration-reducing transition sections
<b>Customised Services</b>	Interface dimensions, rigidity, and structural height can be customised to meet customer requirements.



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