

HMPR-Z Toothed Anchor Channels

HMPR-Z Toothed Anchor Channels represent an innovative advancement in cast-in fixing technology, specifically engineered for demanding applications where high loads in the longitudinal direction of the channel must be securely transferred. Featuring a precision-machined inner serration, this system guarantees a reliable, positive mechanical interlock that completely prevents slippage along the channel axis. This makes it an ideal solution for vertical facade installations, precast concrete connections, and heavy structural engineering projects where multi-directional load resistance is critical.

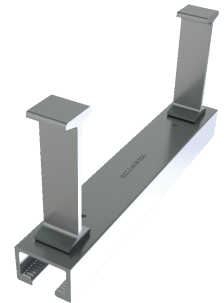
In addition to superior static performance, the HMPR-Z toothed system is built to reliably absorb fatigue-related vibrations and dynamic forces, making it perfect for demanding machinery environments like crane runways or elevator guide rails. Furthermore, these heavy-duty channels are designed to meet strict safety requirements for extreme conditions, providing proven resilience against seismic activity and high-impact structural forces. By combining flexible on-site adjustability with maximum security, HMPR-Z Toothed Anchor Channels deliver an uncompromised level of protection and durability for modern infrastructure.

Cold-Formed

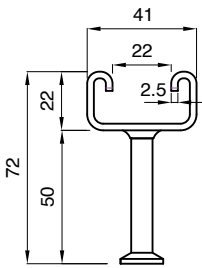
Hot-Rolled



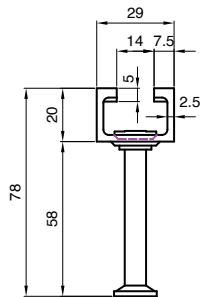
ETA Certification In Progress for Hot-Rolled Toothed Channels - The Next Generation of HAZ Anchor Channels
 Engineered to the highest European standards. Official ETA certification is currently underway to bring you certified multi-directional load security.



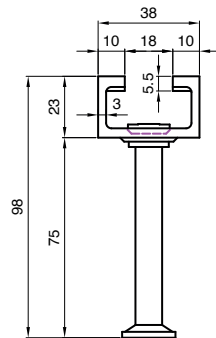
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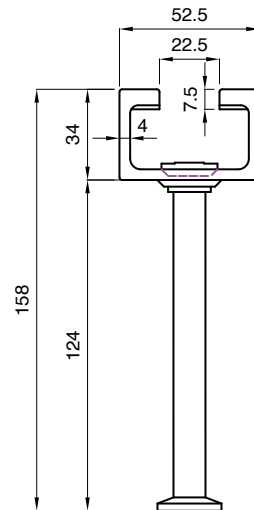
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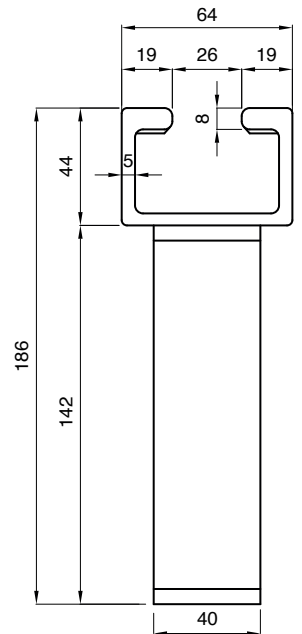
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HMPR-Z-64/44



Advantages

- Precision inner teeth create a mechanical lock that prevents slippage, allowing the channel to carry high vertical and longitudinal loads.
- Completely eliminates on-site drilling and welding, ensuring a quick, clean, and dust-free installation process.
- Engineered to absorb dynamic forces and ongoing vibrations, making it perfect for elevator rails and crane runways.
- The design allows you to easily align and compensate for construction tolerances, then locks immovably into place once torqued.
- Built to withstand heavy structural impacts and high-risk environmental forces, including category C2 seismic activity.
- Ensure secure installation near concrete borders without the risk of cracking or blowing out the slab edges.

