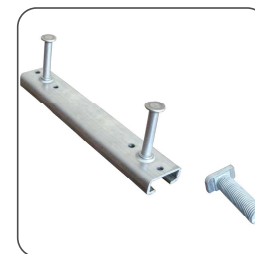


# HAZ METAL FIXING SYSTEMS

Your Fixing Systems Specialist



## Anchor Channel Systems

Product Brochure  
HAZ-BR-CI-EN/06.16

# Anchor Channel Systems

**HMPR-CE** anchor channels are rolled channels with swaged studs that are cast into concrete structures.

The anchor channels are supplied with filler that prevent concrete ingress. After the concrete is dried, the fillers are removed from the channels leaving an open slot on the wall for fixture connections.

**HTB** T head bolts and **HMLN** lock nuts are available to allow secure and easy connections on to the anchor channels. The use of this system is applicable in a wide range of construction works.

## Features of HMPR-CE Anchor Channels

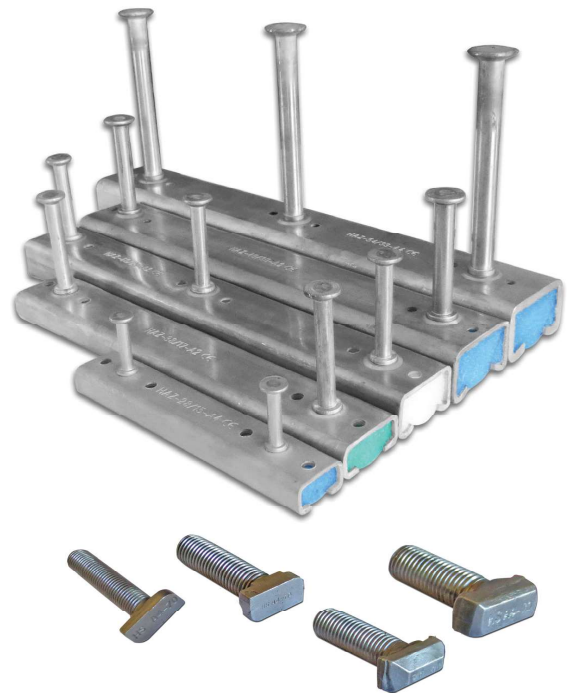
- HMPR-CE Anchor Channels are designed in accordance with the design rules according to CEN / TS 1992-4-3.
- HMPR-CE channels allow users working with low edge distances.
- Load resistances can be improved with higher concrete strength class on loading in shear.
- Shear and tension resistance of concrete can be improved with additional reinforcements.



ETA - 13/0399 & DIBT Z-21.4-2038

The European Technical Approval ETA- 13/0399 for the HMPR-CE Anchor Channels was issued by the Deutsches Institut für Bautechnik (DIBt) in 2013.

This new approval is valid on all states of Europe. An ETA catalog is available which includes the dimensioning of the anchor channels in accordance with the new European standards series CEN/TS 1992-4-3 "Design of fastenings for use in concrete - Anchor Channels".



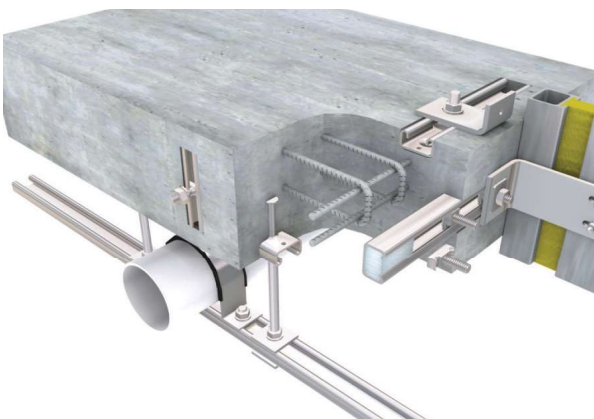
## Advantages

- No drilling on site
- Quick and easy fixing
- Fixing without damaging concrete
- Adjustable and flexible
- Safe near edges on concrete
- High load capacity
- Fixing without electrical tools
- Safe and secure fixing
- No dust particles falling onto facade
- No electricity needed
- Easy connections with T bolts and lock nuts
- Compensation of tolerances of the structure
- Fixtures are removable and

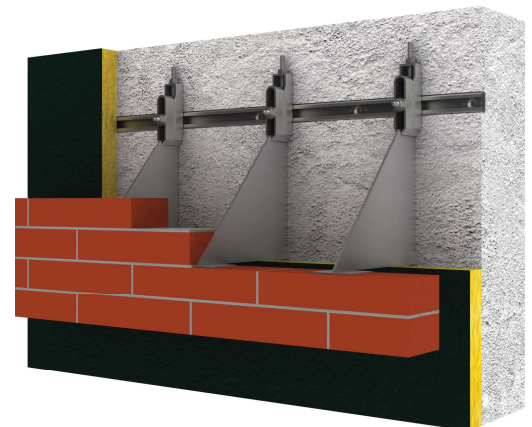
## Application examples



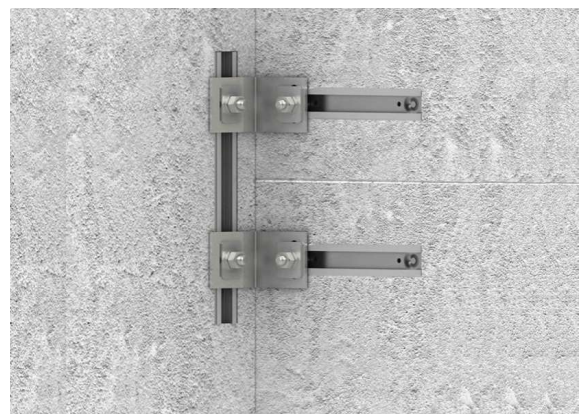
\*Curtain wall facade application



\*General connections to concrete structures



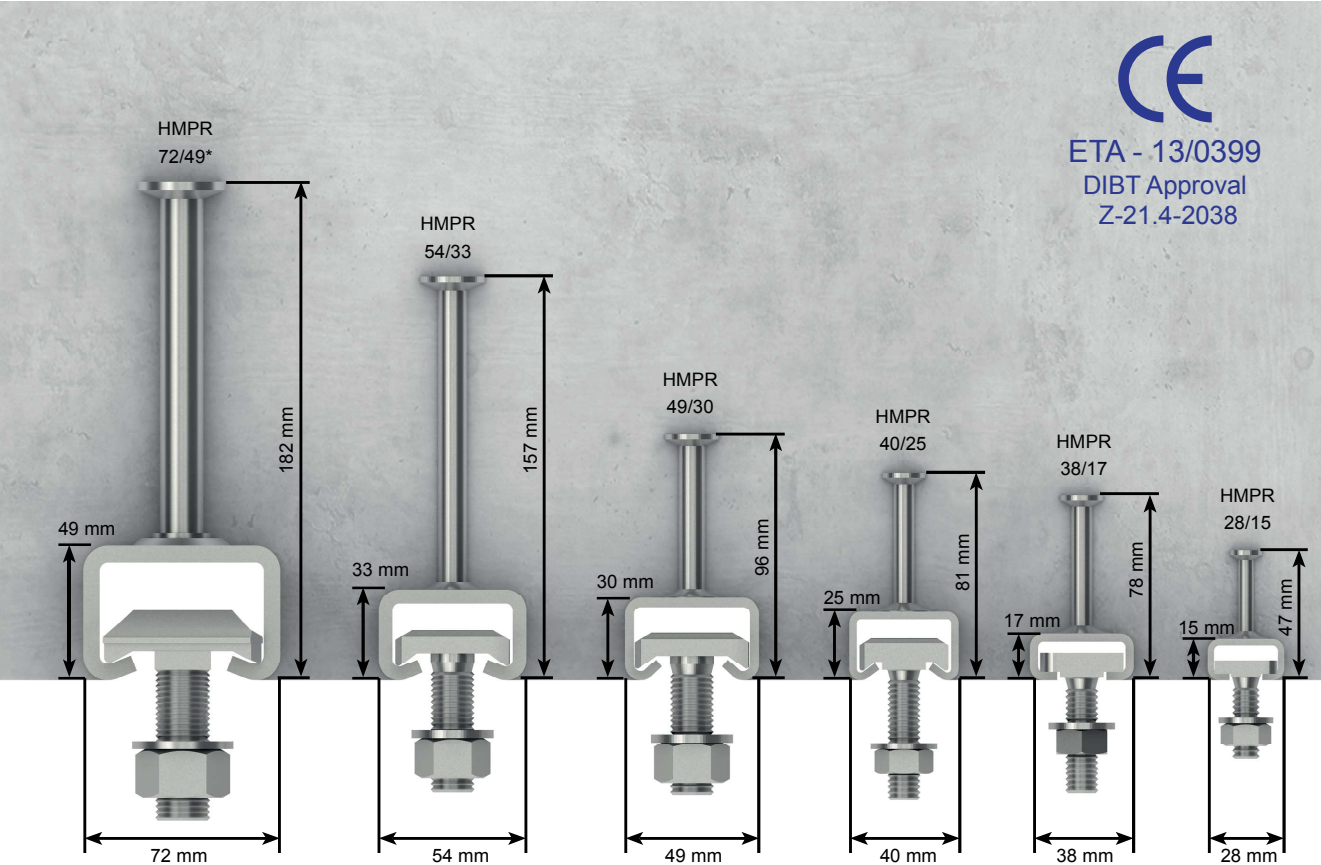
\* Brickwork facade application



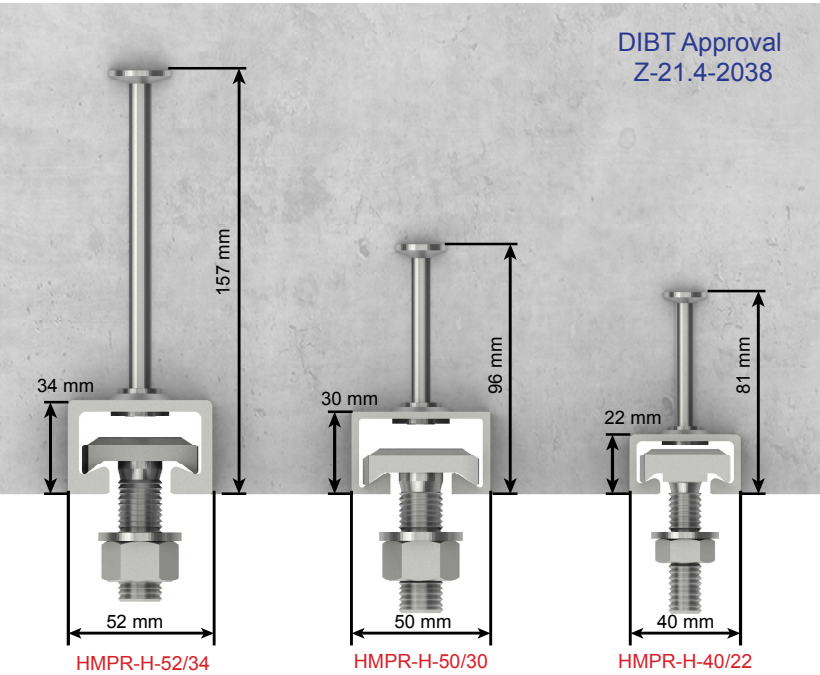
• Connections of prefabricated components



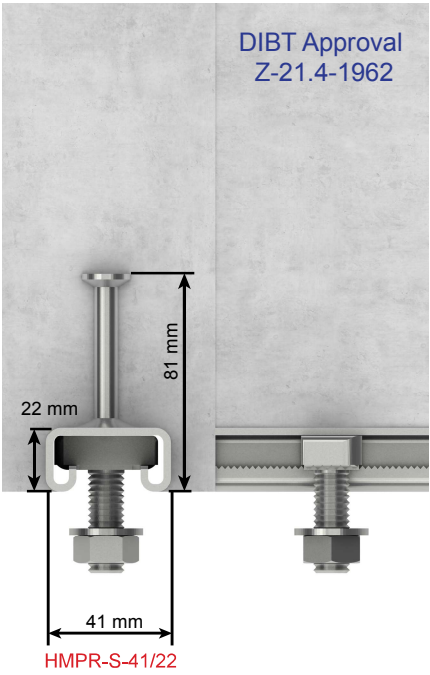
**HMPR - Cold Rolled Anchor Channels**



**HMPR-H Hot Rolled Anchor Channels**



**HMPR 41/22 Toothed Anchor Channels**



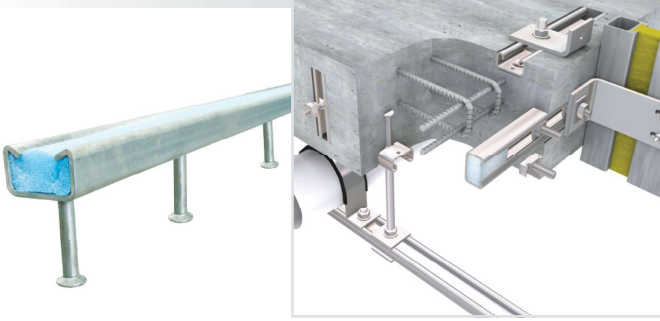
**HWT - Wall Ties**



**HPTR - Anchor Channels For Profiled Metal Sheets**

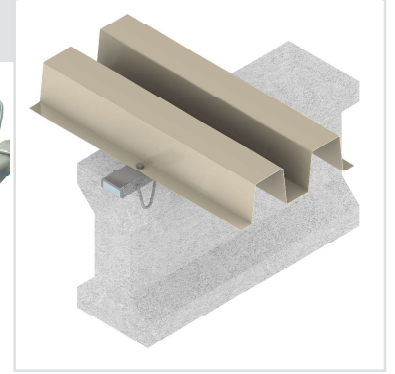


**HMPR**  
Anchor channel



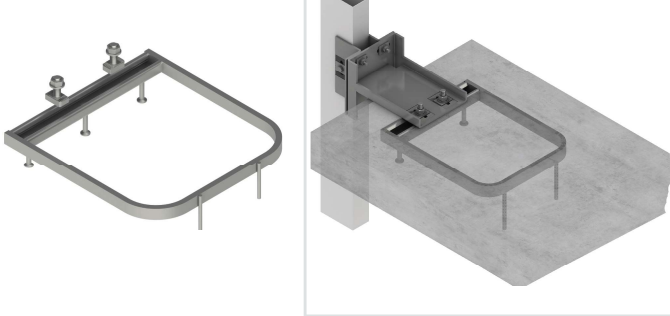
- Easy & secure fixing to concrete structures
- Load capacity of up to 44.4 kN
- Fixing is made with suitable T head bolts
- Loads are verified by ETA approvals

**HTU**  
Anchor channel



- Fast fixing of profiled metal sheets
- Fixing is made with self tabbing screws
- Load capacity of 5 kN at every 250 mm
- Loads verified with national approvals

**HMPR-SP**  
Anchor channel



- For fixing curtain wall panels
- Used for fixing on thin wall slabs
- Installation on top of slab
- Three dimensional adjustability

**HWT**  
Wall tie



- Used for restraining purposes
- Easy connections of prefabricated units with anchor channels
- Sizes available for up to 150 mm cavity with 7 kN tensile load



Infinity Tower, Brisbane



Adnoc HQ, Abu Dhabi



Renaissance Tower, Istanbul



The Ruby Tower, Mumbai



Telekom HQ, Ankara