

Halfen HTA-CE Cast-in Channel

Engineered Solutions for Mission Critical Applications

NEW

ETA Approved

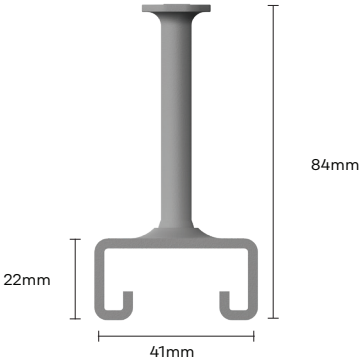
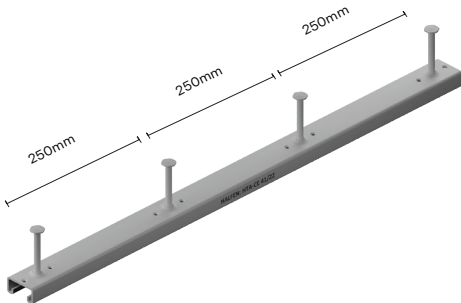
Key Features & Benefits

- **Efficient:** Halfen channels provide quick installation of standard MEP hardware.
- **Safety:** Halfen channels are tested and certified to suspend medium duty applications.
- **Sustainable:** Halfen channels components are easily adjustable, and reusable.

Halfen HTA-CE 41/22 Cast-in Channel

Halfen HTA-CE 41/22 Cast-in Channels are an efficient and cost effective solution for various applications due to their specialised design and functional attributes.

- Quick and secure installation.
- Easily adjustable to cater for changing demands.
- Easy integration with modular system.
- European ETA certified and CE marked.
- Versatile mounting options for ceiling, wall or floor mounting.
- Suitable load-bearing capacity for various mission critical structure application such as precast, MEP, and data centres.
- Tested under fire exposure. Details provided in ETA 09/0339.
- Up to 11kN maximum fixing point (C30/37, cracked, 200mm beam width).

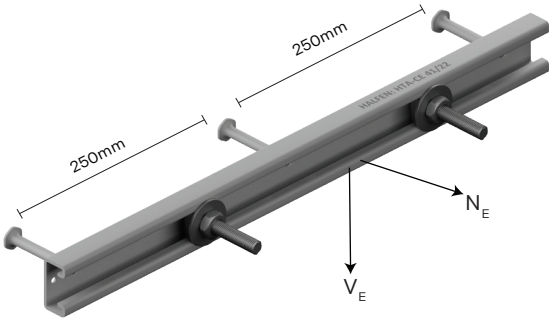
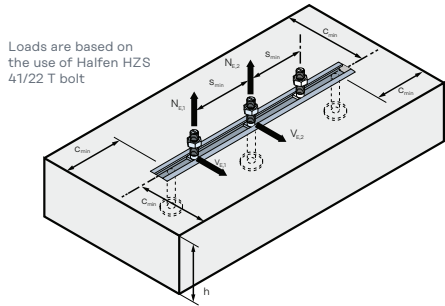


Description	Anchor Spacing (mm)	No. of Anchors
HTA-CE 41/22 - FV-300/2	250	2
HTA-CE 41/22 - FV-2550/11	250	11
HTA-CE 41/22 - FV-3030/13	250	13

- Material: Carbon steel
- Finishing: Hot dip galvanising.
- Foam filled.

For customised length requirements, please contact us directly.

PERFORMANCE DATA	
Load Condition on Channel Lip	Load Capacity (kN)
Pull Out Tension, N_E	11.2
Perpendicular Shear, V_E	16.5

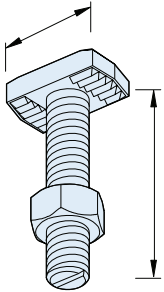


- Minimum Edge Distance, $C_{min} = 50mm$
- Minimum Spacing Between M10 Bolts, $S_{min} = 50mm$

Accessories

Various accessories design to be used alongside with the Halfen HTA-CE 41/22 Channel

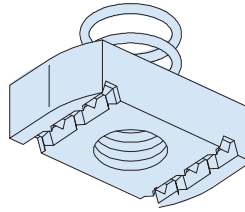
HZS 41/22 T bolt



- Connect structural elements directly onto channel
- High load capacity
- Sizes: M10
- Material: Carbon Steel (Galvanised) Grade 8.8
- Various lengths available.

**other sizes available upon request*

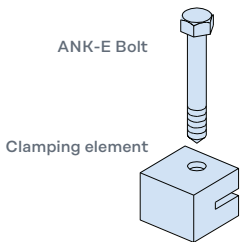
GWP 41/41 SN Locking Plate



- Connect thread bolts directly onto channel.
- Sizes: M10
- Material: Carbon steel (Galvanised)

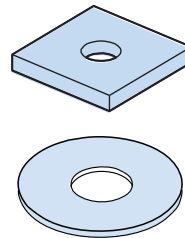
**other sizes available upon request*

ANK-E2



- For channel edge optimisation
- Size: M10
- Material: S235, (galvanised)

VUS 41/41 & US Washers

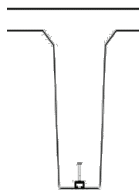


- Effective load transfer from nut to channel
- Size: M10
- Material: Carbon steel

**other sizes available upon request*

Applications

HTA-CE 41/22 Channels are widely applied including Data Centres, commercial buildings, precast and locomotive.



Post T-beam with Cast-in Channel for data center

MEP and Building Services Support

- Cable Trays
- Pipe Brackets
- HVAC hangers
- Lighting rails
- Suspended service frames

Precast Concrete Elements

- Precast Panels

Façade and Architectural Fixings (non-structural)

- Lightweight cladding support brackets
- Decorative facade elements
- Sunshades, louvers, fins.
- Parapets and facade accessories

Interior Fixtures and Safety Components

- Handrails
- Equipment rails
- Temporary fixings during constructions



Halfen HTA-CE Cast-in Channel

Halfen Channel System delivers adjustability and long-term efficiency. Cast directly into the double tee stem, Halfen Channel products eliminate the need for post-installed anchors, minimizing potential drilling damage to the finished concrete or underlying reinforcement.

The system meets data center load requirements and provides simple, as well as time- and cost-saving installations.

Halfen Channels are compatible with standard hardware accessories and hanging ceiling solutions.

Moment-solutions.com

For more information about Engineered Solutions for Mission Critical Applications, please reach out to us at technical.asia@leviat.com



Please contact Leviat for more
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