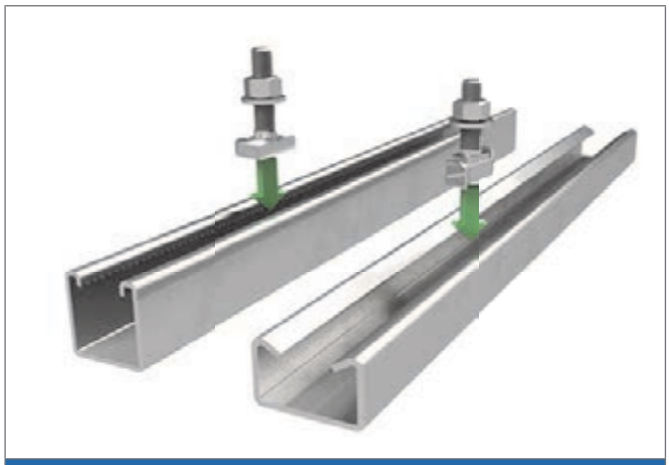
FRAMING CHANNELS
The benefits at a glance

To complement the product range we have a wide range of framing channels with accessories. We can supply everything you need for your project; everything from one source.

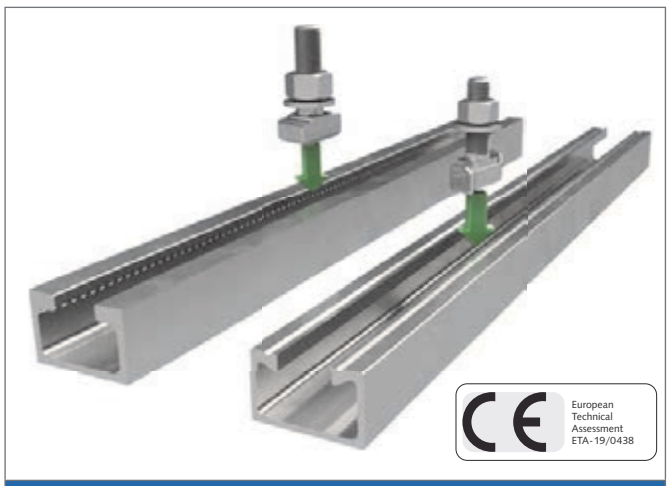


Halfen HM/HZM Framing channel, cold-rolled

Quick and economical

- full flexibility in positioning and dimensioning of the bolt connection
- quick installation and adjustability of plant equipment or building components
- dirt and noise free on-site modifications
- innovative modular assembly system; numerous complementary accessories available
- no more welding in hazardous environments
- bolted connections do not damage the corrosion protection of plant components

Halfen Framing channels, used in combination with matching Halfen Bolts (or threaded plates ①) have all the benefits needed for versatile bolt and frame constructions.



Halfen HM/HZM Framing channel, hot-rolled

The Halfen Framing channels range includes hot and cold-rolled channel profiles with standard or serrated channel lips.

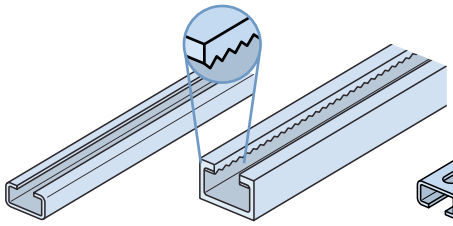
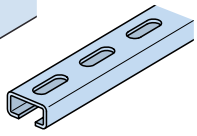
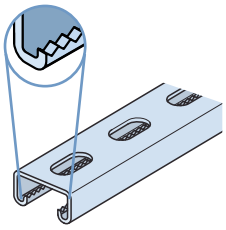
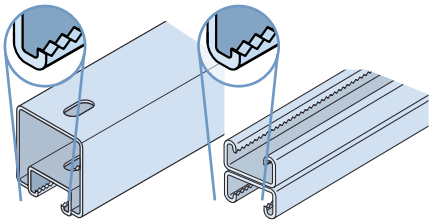
Halfen HL/HZL Slotted channels

Halfen Framing channels are available, mill-finished, hot-dip galvanized or in stainless steel materials; slotted or non-slotted.

① The complete, available product range for industrial application can be found at www.halfen.com in the technical product information catalogues; MT-FBC (Flexible Bolt connections) or MT-FFC (Flexible framing connections).
www.halfen.com ► Downloads ► Brochures ► ....

FRAMING CHANNELS
Framing Channels HM/HZM/HL/HZL – Application Examples

Type Overview

Framing channel	Framing channel *serrated*	Slotted framing channel	Slotted framing channel *serrated*	Slotted framing channel *serrated*	Double channel *serrated*
					
HM 28/15	HZM 38/23	HL 28/15	HZL 41/22	HZL 63/63	HZM 41/22D

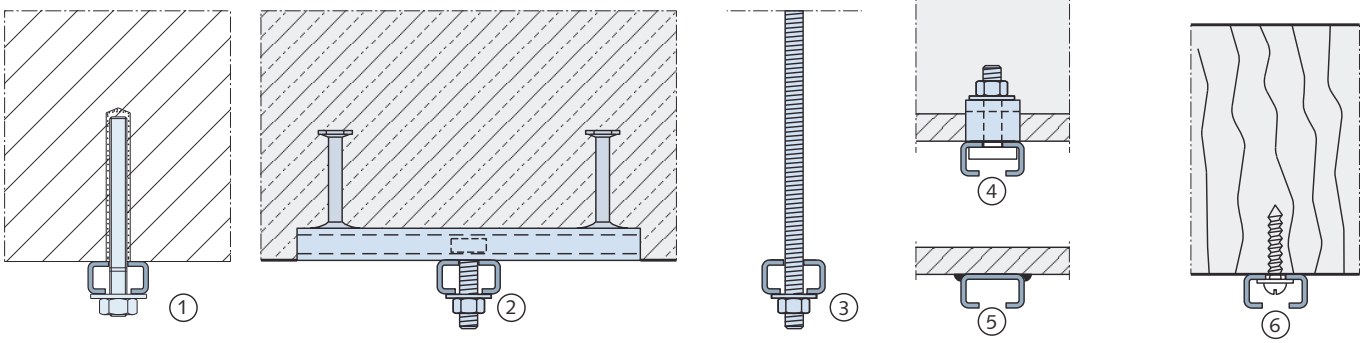
Application Examples

Halfen Framing channels HM/HZM and slotted Halfen Framing channels HL/HZL can be attached to a supporting structure using various methods:

① fastened to concrete or masonry with HB-VMU plus wedge anchors
② bolted to Halfen HTA-CE and HZA Cast-in channels
③ connected to threaded rods
④ clamped to steel profile supports
⑤ welded to steel components
⑥ screwed or nailed to wood structures

Halfen Framing channels are a part of the Halfen Framing system:

- installations for plant engineering
- technical equipment in buildings
- heavy and light installations



Typical application of the Halfen Powerclick system

The Halfen Framing system product range can be found in the following catalogues:
Halfen Flexible bolt connections,
Halfen Flexible framing connections
Halfen Powerclick System.

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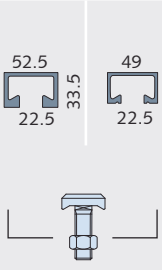
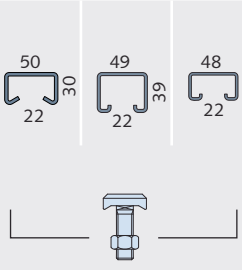
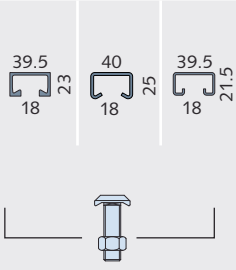
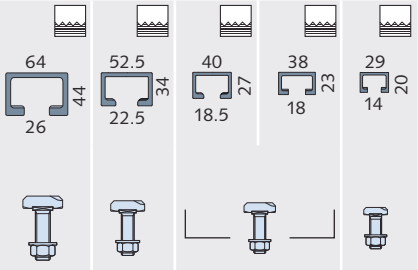
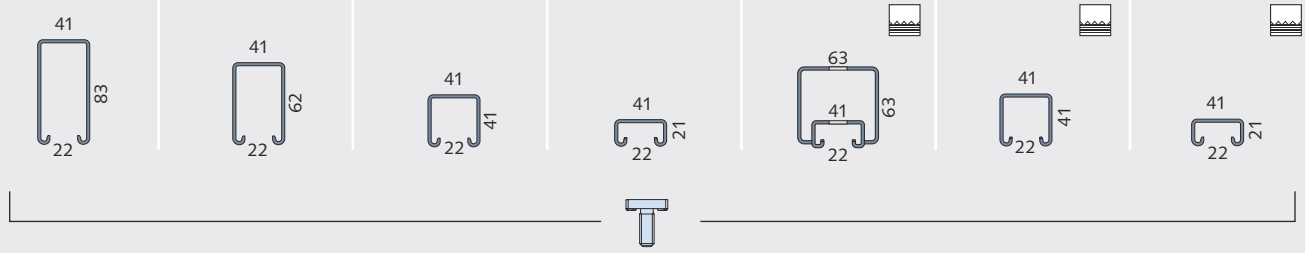
FRAMING CHANNELS

Framing Channels HM/HZM/HL/HZL — Type Overview

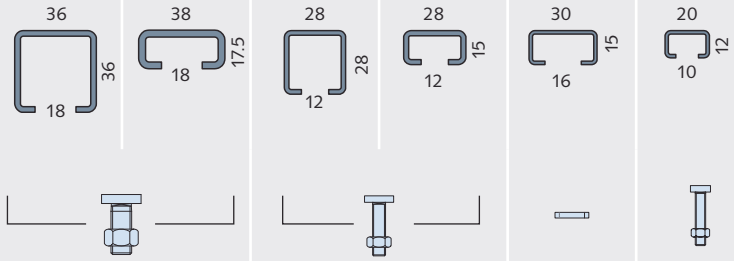
Heavy Duty Framing System

Hot-rolled				Cold-rolled			Hot-rolled	Cold-rolled		Hot-rolled, serrated				
HM 72/48	HM 55/42	HM 52/34	HM 50/30	HM 49/30	HM / HL 50/40	HM 486	HM 40/22	HM 40/25	HM 422	HZM 64/44	HZM 53/34	HZM 41/27	HZM 38/23	HZM 29/20
														
HS / HSR 72/48, GWP 72/48	HS 50/30	HS / HSR 50/30, GWP 50/30		HS 50/30, GWP 50/30 or GWP 50/40			HS / HSR 40/22, GWP 40/22			HZS 64/44	HZS 53/34	HZS 38/23	HZS 38/23, HS 38/17	HZS 29/20, HS 28/15

Medium Duty Framing System

Cold-rolled				Cold-rolled, serrated		
HM / HL 41/83	HM / HL 41/62	HM / HL 41/41	HM / HL 41/22	HZL 63/63	HZM / HZL 41/41	HZM / HZL 41/22
						
HZS/HS 41/41, HZS 41/22 GWP 41/41, GWP 41/22						

Light Duty Framing System

Cold-rolled					Cold-rolled
HM 36/36, HL 36/36	HM 38/17	HM 28/28, HL 28/28	HM 28/15, HL 28/15	HM 315	HM 20/12, HL 20/12
					
HS 38/17, GWP 38/17		HS 28/15, GWP 28/15		GWP 28/15	HS 20/12, GWP 20/12

Materials/Finish:

- FV Steel hot-dip galvanized or WB steel mill finished
- SV Steel, sendzimir galvanized
- A4 Stainless steel 1.4571/1.4404
- A2 Stainless steel 1.4307 (on request)
- HCR Stainless steel 1.4547/1.4529 (on request)

HZM/HZL serrated profiles

For information on materials → see page 12–13

GWP Locking plates are part of the Halfen MT-FBC Flexible bolt connections product range.