Technical Datasheet

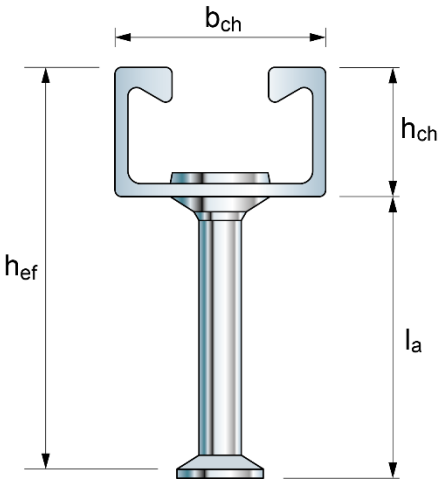
FES-C-40/25 anchor channel

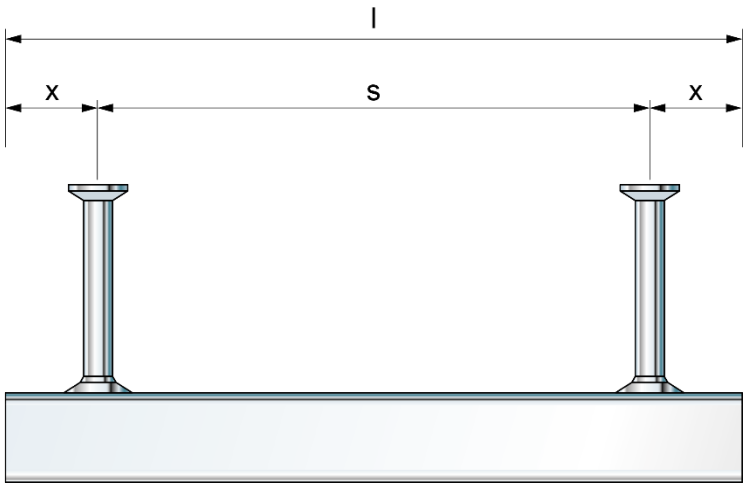
Advantages



- Economical cold-formed Cast-in Channels combining high loading capacity and safety.
- Two directional load capacity: tension and shear perpendicular to the channel axis.
- Ideal prepositioned fixing solution, capable of covering on-site tolerances.
- Suitable for applications in cracked and non-cracked concrete.
- Permanently adjustable fixing solution.

Technical Data





Effective embedment depth h_{ef}	Total embedment depth h_{nom} (l_a +h_{ch})	Minimum thickness of concrete h_{min}	Anchor length l_a	Height h_{ch}	Width b_{ch}	Overhang x	Anchor spacing s
79 mm	78,1 mm	100 mm	56,0 mm	25 mm	40 mm	25-35 mm	100-250 mm

Product Information

Item	Item no.	Length l [mm]	Number of anchors	Anchor spacing s [mm]	Match	Thread M	Sales units [pcs]
FES-C-40/25-150-HDG	552567	150	2	100	FBC-40/22	M10-M16	1
FES-C-40/25-200-HDG	552568	200	2	150	FBC-40/22	M10-M16	1
FES-C-40/25-250-HDG	552569	250	2	200	FBC-40/22	M10-M16	1
FES-C-40/25-300-HDG	552570	300	2	250	FBC-40/22	M10-M16	1
FES-C-40/25-350-HDG	552571	350	3	150	FBC-40/22	M10-M16	1
FES-C-40/25-400-HDG	552572	400	3	175	FBC-40/22	M10-M16	1
FES-C-40/25-550-HDG	552573	550	3	250	FBC-40/22	M10-M16	1
FES-C-40/25-800-HDG	552574	800	4	250	FBC-40/22	M10-M16	1
FES-C-40/25-1050-HDG	552575	1050	5	250	FBC-40/22	M10-M16	1
FES-C-40/25-3050-HDG	552576	3050	13	250	FBC-40/22	M10-M16	1
FES-C-40/25-6070-HDG	552577	6070	25	250	FBC-40/22	M10-M16	1

- all Cast-In Channel FES-C-40/25 with hot-dip galvanized coating, Anchor Diameter d_s=8 mm
- different lengths and curved Cast-In channels available on request

European Technical Assessment
ETA-18/0862
EAD-330008-03-0601

CHANNEL-FIX
FIXperience Software

Fire resistance

Static 2D loading

Website

last update April 2023 by BU Cast-In

Technical Datasheet

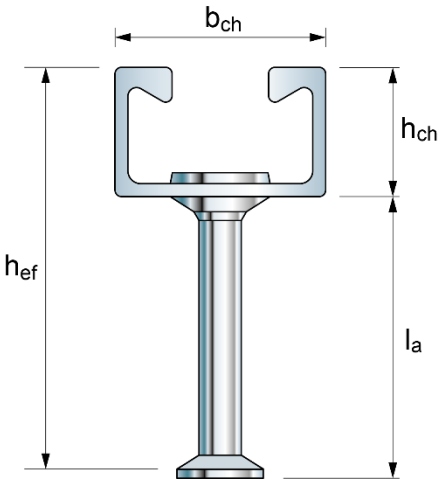
FES-C-49/30 anchor channel

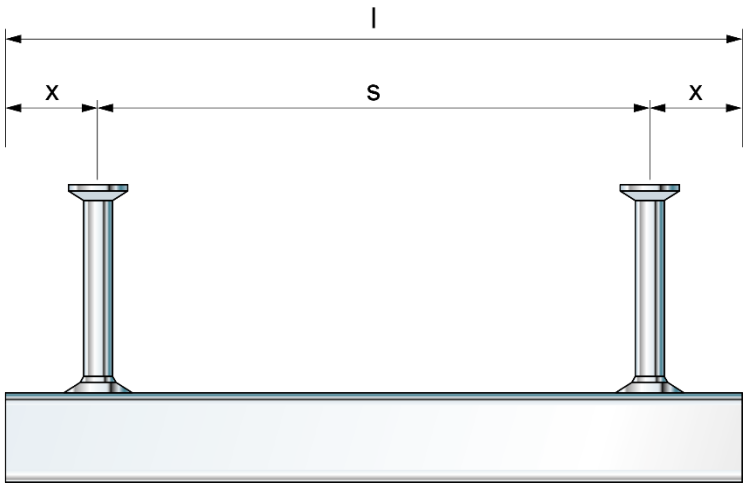
Advantages



- Economical cold-formed Cast-in Channels combining high loading capacity and safety.
- Two directional load capacity: tension and shear perpendicular to the channel axis.
- Ideal prepositioned fixing solution, capable of covering on-site tolerances.
- Suitable for applications in cracked and non-cracked concrete.
- Permanently adjustable fixing solution.

Technical Data





Effective embedment depth h_{ef}	Total embedment depth h_{nom} (l_a +h_{ch})	Minimum thickness of concrete h_{min}	Anchor length l_a	Height h_{ch}	Width b_{ch}	Overhang x	Anchor spacing s
94 mm	96 mm	100 mm	66,0 mm	30 mm	50 mm	25-35 mm	100-250 mm

Product Information

Item	Item no.	Length l [mm]	Number of anchors	Anchor spacing s [mm]	Match	Thread M	Sales units [pcs]
FES-C-49/30-150-HDG	552578	150	2	100	FBC-50/30	M10-M20	1
FES-C-49/30-200-HDG	552579	200	2	150	FBC-50/30	M10-M20	1
FES-C-49/30-250-HDG	552580	250	2	200	FBC-50/30	M10-M20	1
FES-C-49/30-300-HDG	552581	300	2	250	FBC-50/30	M10-M20	1
FES-C-49/30-350-HDG	552582	350	3	150	FBC-50/30	M10-M20	1
FES-C-49/30-400-HDG	552583	400	3	175	FBC-50/30	M10-M20	1
FES-C-49/30-550-HDG	552584	550	3	250	FBC-50/30	M10-M20	1
FES-C-49/30-800-HDG	552585	800	4	250	FBC-50/30	M10-M20	1
FES-C-49/30-1050-HDG	552586	1050	5	250	FBC-50/30	M10-M20	1
FES-C-49/30-3050-HDG	552587	3050	13	250	FBC-50/30	M10-M20	1
FES-C-49/30-6070-HDG	552588	6070	25	250	FBC-50/30	M10-M20	1

- all Cast-In Channel FES-C-49/30 with hot-dip galvanized coating, Anchor Diameter d_a=10 mm
- different lengths and curved Cast-In channels available on request

European Technical Assessment
ETA-18/0862
EAD-330008-03-0601

CHANNEL-FIX
FIXperience Software

Fire resistance

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last update April 2023 by BU Cast-In

Technical Datasheet

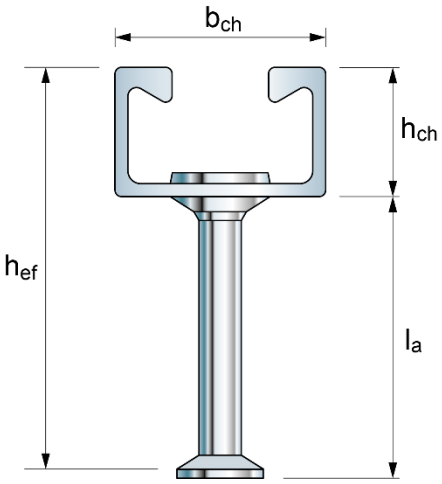
FES-C-54/33 anchor channel

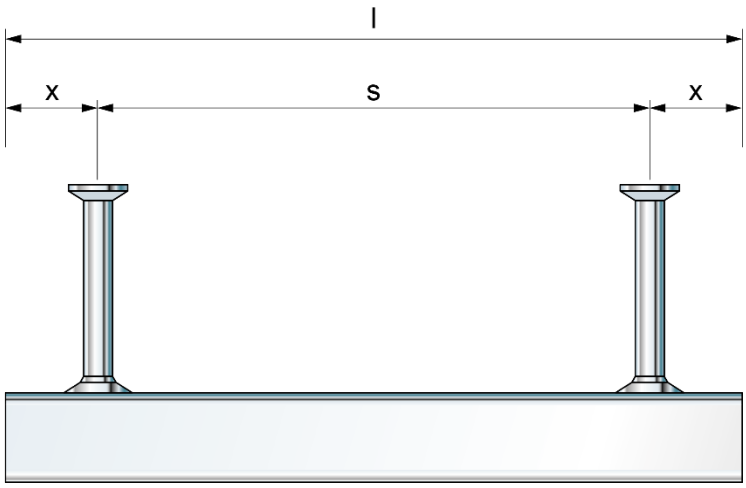
Advantages



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- Permanently adjustable fixing solution.

Technical Data





Effective embedment depth h_{ef}	Total embedment depth h_{nom} (l_a +h_{ch})	Minimum thickness of concrete h_{min}	Anchor length l_a	Height h_{ch}	Width b_{ch}	Overhang x	Anchor spacing s
155 mm	157,5 mm	160 mm	124,5 mm	33 mm	54 mm	25-35 mm	100-250 mm

Product Information

Item	Item no.	Length l [mm]	Number of anchors	Anchor spacing s [mm]	Match	Thread M	Sales units [pcs]
FES-C-54/33-150-HDG	552589	150	2	100	FBC-50/30	M10-M20	1
FES-C-54/33-200-HDG	552590	200	2	150	FBC-50/30	M10-M20	1
FES-C-54/33-250-HDG	552591	250	2	200	FBC-50/30	M10-M20	1
FES-C-54/33-300-HDG	552592	300	2	250	FBC-50/30	M10-M20	1
FES-C-54/33-350-HDG	552593	350	3	150	FBC-50/30	M10-M20	1
FES-C-54/33-400-HDG	552594	400	3	175	FBC-50/30	M10-M20	1
FES-C-54/33-550-HDG	552595	550	3	250	FBC-50/30	M10-M20	1
FES-C-54/33-800-HDG	552596	800	4	250	FBC-50/30	M10-M20	1
FES-C-54/33-1050-HDG	552597	1050	5	250	FBC-50/30	M10-M20	1
FES-C-54/33-3050-HDG	552598	3050	13	250	FBC-50/30	M10-M20	1
FES-C-54/33-6070-HDG	552599	6070	25	250	FBC-50/30	M10-M20	1

- all Cast-In Channel FES-C-54/33 with hot-dip galvanized coating, Anchor Diameter d_a=11 mm
- different lengths and curved Cast-In channels available on request

European Technical Assessment
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CHANNEL-FIX
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Static 2D loading

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