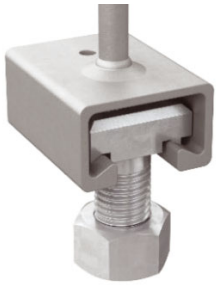
Technical Datasheet

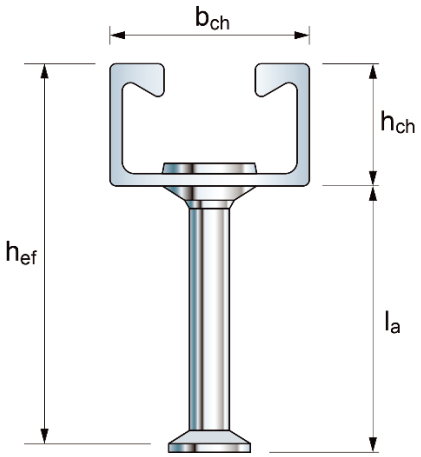
FES-H-40/22 anchor channel

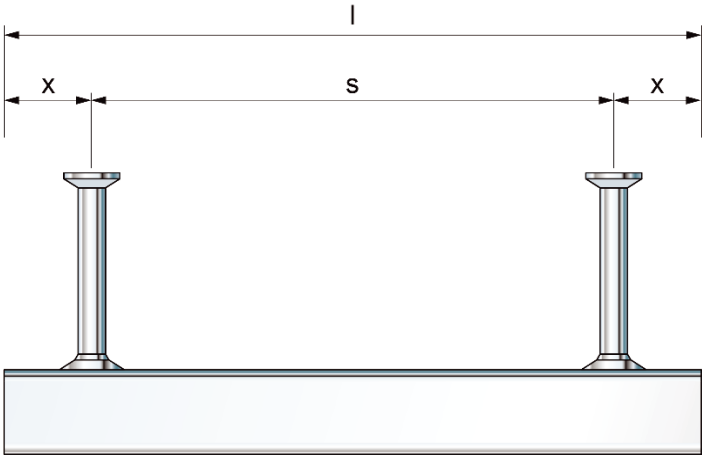
Advantages



- Hot-rolled Cast-in Channels combining excellent load capacity with high safety and flexibility.
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- Suitable for applications in cracked and non-cracked concrete.
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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
90 mm	92 mm	100 mm	68,5 mm	23,5 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-H-40/22-150-HDG	552468	150	2	100	FBC-40/22; FBC-N-40/22	M10 – M16 for FBC-40/22 or M16 for FBC-N-40/22	1
FES-H-40/22-200-HDG	552469	200	2	150	FBC-40/22; FBC-N-40/22		1
FES-H-40/22-250-HDG	552470	250	2	200	FBC-40/22; FBC-N-40/22		1
FES-H-40/22-300-HDG	552471	300	2	250	FBC-40/22; FBC-N-40/22		1
FES-H-40/22-350-HDG	552472	350	3	150	FBC-40/22; FBC-N-40/22		1
FES-H-40/22-400-HDG	552473	400	3	175	FBC-40/22; FBC-N-40/22		1
FES-H-40/22-550-HDG	552474	550	3	250	FBC-40/22; FBC-N-40/22		1
FES-H-40/22-800-HDG	552475	800	4	250	FBC-40/22; FBC-N-40/22		1
FES-H-40/22-1050-HDG	552476	1050	5	250	FBC-40/22; FBC-N-40/22		1
FES-H-40/22-1300-HDG	552477	1300	6	250	FBC-40/22; FBC-N-40/22		1
FES-H-40/22-1550-HDG	552478	1550	7	250	FBC-40/22; FBC-N-40/22		1
FES-H-40/22-1800-HDG	552479	1800	8	250	FBC-40/22; FBC-N-40/22		1
FES-H-40/22-2050-HDG	552480	2050	9	250	FBC-40/22; FBC-N-40/22		1
FES-H-40/22-2300-HDG	552481	2300	10	250	FBC-40/22; FBC-N-40/22		1
FES-H-40/22-3050-HDG	552482	3050	13	250	FBC-40/22; FBC-N-40/22		1
FES-H-40/22-6070-HDG	552483	6070	25	250	FBC-40/22; FBC-N-40/22		1

- all Cast-In Channel FES-H-40/22 with hot-dip galvanized coating, Anchor Diameter d_a=8 mm
- different lengths and curved Cast-In channels available on request

European Technical Assessment
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CHANNEL-FIX
FIXperience Software

Fire resistance

Static 2D loading

Static 3D loading notched

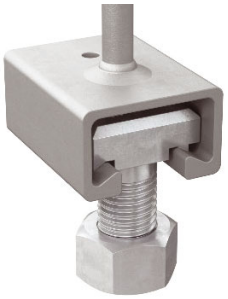
Website

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Technical Datasheet

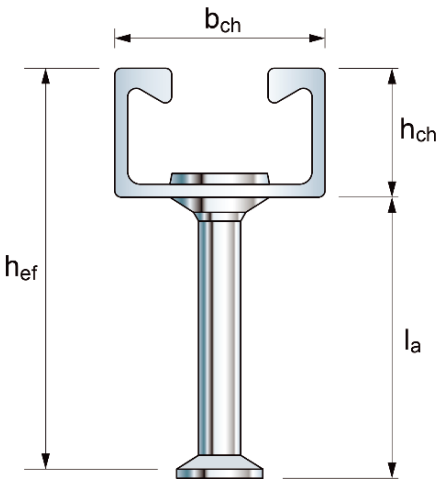
FES-H-50/30 anchor channel

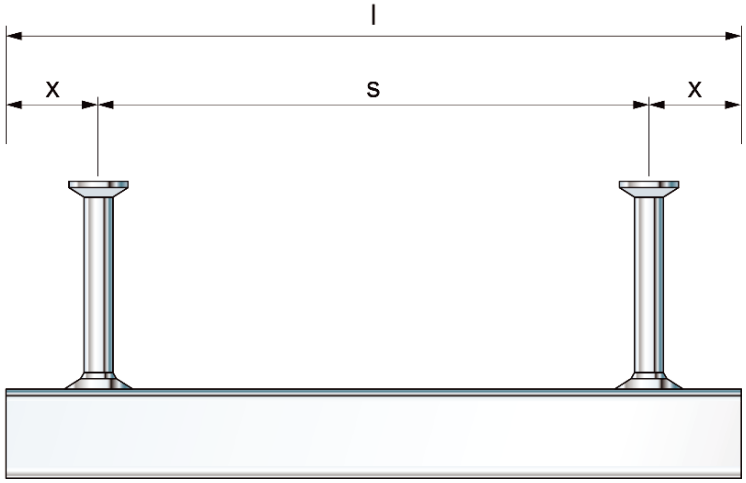
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Technical Data





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	96,2 mm	100 mm	66,2 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-H-50/30-150-HDG	552484	150	2	100	FBC-50/30; FBC-N-50/30	M10 – M20 for FBC-50/30 or M16 – M20 for FBC-N-50/30	1
FES-H-50/30-200-HDG	552485	200	2	150	FBC-50/30; FBC-N-50/30		1
FES-H-50/30-250-HDG	552486	250	2	200	FBC-50/30; FBC-N-50/30		1
FES-H-50/30-300-HDG	552487	300	2	250	FBC-50/30; FBC-N-50/30		1
FES-H-50/30-350-HDG	552488	350	3	150	FBC-50/30; FBC-N-50/30		1
FES-H-50/30-400-HDG	552489	400	3	175	FBC-50/30; FBC-N-50/30		1
FES-H-50/30-550-HDG	552490	550	3	250	FBC-50/30; FBC-N-50/30		1
FES-H-50/30-800-HDG	552492	800	4	250	FBC-50/30; FBC-N-50/30		1
FES-H-50/30-1050-HDG	552493	1050	5	250	FBC-50/30; FBC-N-50/30		1
FES-H-50/30-3050-HDG	552494	3050	13	250	FBC-50/30; FBC-N-50/30		1
FES-H-50/30-6070-HDG	552495	6070	25	250	FBC-50/30; FBC-N-50/30		1

- all Cast-In Channel FES-H-50/30 with hot-dip galvanized coating, Anchor Diameter d_a=10 mm
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European Technical Assessment
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CHANNEL-FIX
FIXperience Software

Fire resistance

Static 2D loading

Static 3D loading notched

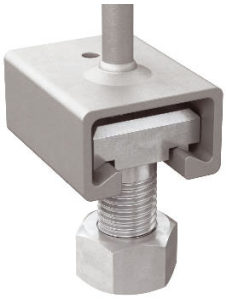
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Technical Datasheet

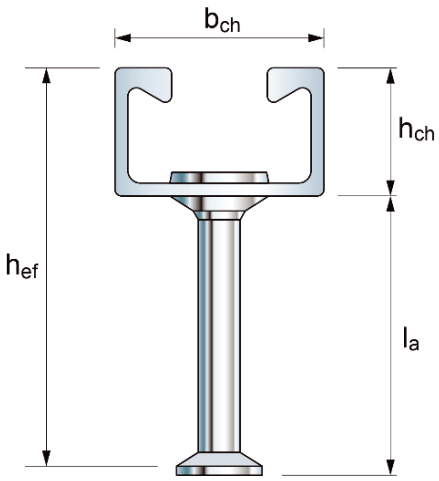
FES-H-52/34 anchor channel

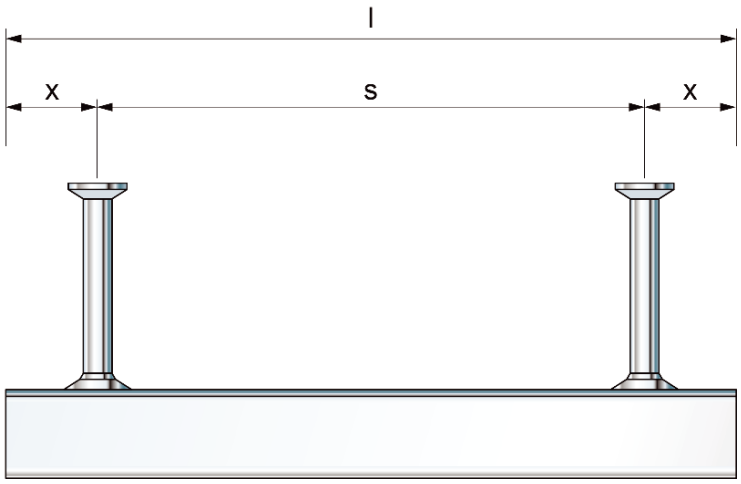
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Technical Data





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	123,5 mm	34 mm	52,5 mm	≥ 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-H-52/34-170-HDG	568213	170	2	100	FBC-50/30; FBC-N-50/30	M10 – M20 for FBC-50/30 or M16 – M20 for FBC-N-50/30	24
FES-H-52/34-200-HDG	552497	200	2	130	FBC-50/30; FBC-N-50/30		15
FES-H-52/34-250-HDG	552498	250	2	180	FBC-50/30; FBC-N-50/30		13
FES-H-52/34-300-HDG	552499	300	2	230	FBC-50/30; FBC-N-50/30		12
FES-H-52/34-350-HDG	552500	350	3	140	FBC-50/30; FBC-N-50/30		10
FES-H-52/34-400-HDG	552501	400	3	165	FBC-50/30; FBC-N-50/30		6
FES-H-52/34-550-HDG	552502	550	3	240	FBC-50/30; FBC-N-50/30		5
FES-H-52/34-800-HDG	552503	800	4	243	FBC-50/30; FBC-N-50/30		5
FES-H-52/34-1050-HDG	552504	1050	5	145	FBC-50/30; FBC-N-50/30		1
FES-H-52/34-3050-HDG	552505	3050	13	248	FBC-50/30; FBC-N-50/30		1
FES-H-52/34-6070-HDG	552506	6070	25	250	FBC-50/30; FBC-N-50/30		1

- all Cast-In Channel FES-H-52/34 with hot-dip galvanized coating, Anchor Diameter d_a=11 mm
- different lengths and curved Cast-In channels available on request

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CHANNEL-FIX
FIXperience Software

Fire resistance

Static 2D loading

Static 3D loading notched

Website

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