

Technical Datasheet

FES-H-52/34 anchor channel

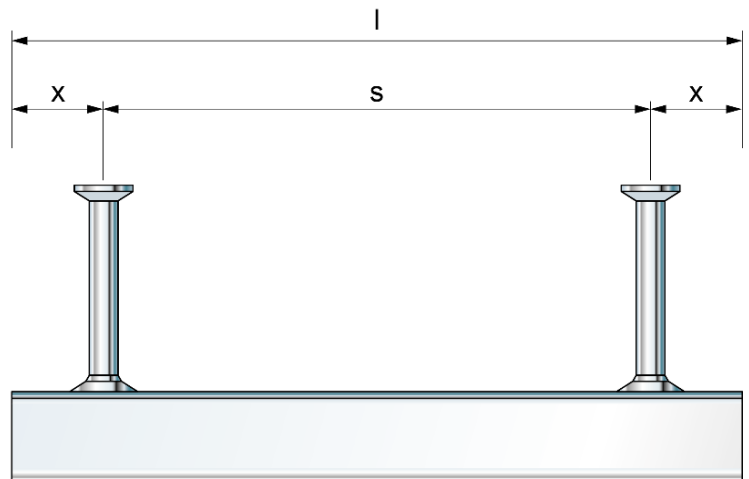
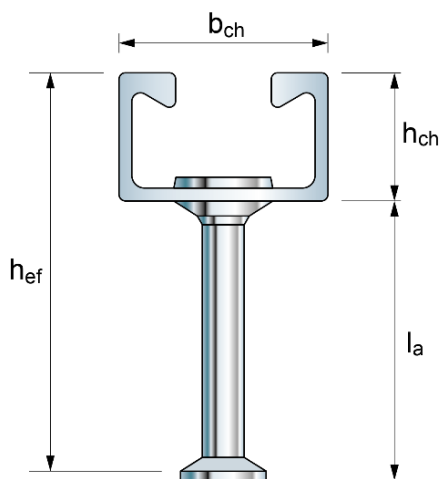


Advantages



- Hot-rolled Cast-in Channels combining excellent load capacity with high safety and flexibility.
- Fundamental load capacity in longitudinal direction in combination with channel bolts FBC-N or two directional load capacity with FBC.
- Suitable for applications in cracked and non-cracked concrete.
- Ideal prepositioned fixing solution, capable of covering on-site tolerances.
- Permanently adjustable fixing solution.

Technical Data



Effective embedment depth	Total embedment depth	Minimum thickness of concrete	Anchor length	Height	Width	Overhang	Anchor spacing
h_{ef}	$h_{nom} (l_a + h_{ch})$	h_{min}	l_a	h_{ch}	b_{ch}	x	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	569571	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	569572	200	2	130	FBC-50/30; FBC-N-50/30		15
FES-H-52/34-250-HDG	569573	250	2	180	FBC-50/30; FBC-N-50/30		13
FES-H-52/34-300-HDG	569574	300	2	230	FBC-50/30; FBC-N-50/30		12
FES-H-52/34-350-HDG	569575	350	3	140	FBC-50/30; FBC-N-50/30		10
FES-H-52/34-400-HDG	569576	400	3	165	FBC-50/30; FBC-N-50/30		6
FES-H-52/34-550-HDG	572363	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



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



FIXperience
Software



Fire resistance



Static 2D loading



Static 3D loading
notched



Website