

Technical Datasheet

FBC-50/30-HDG Channel bolt

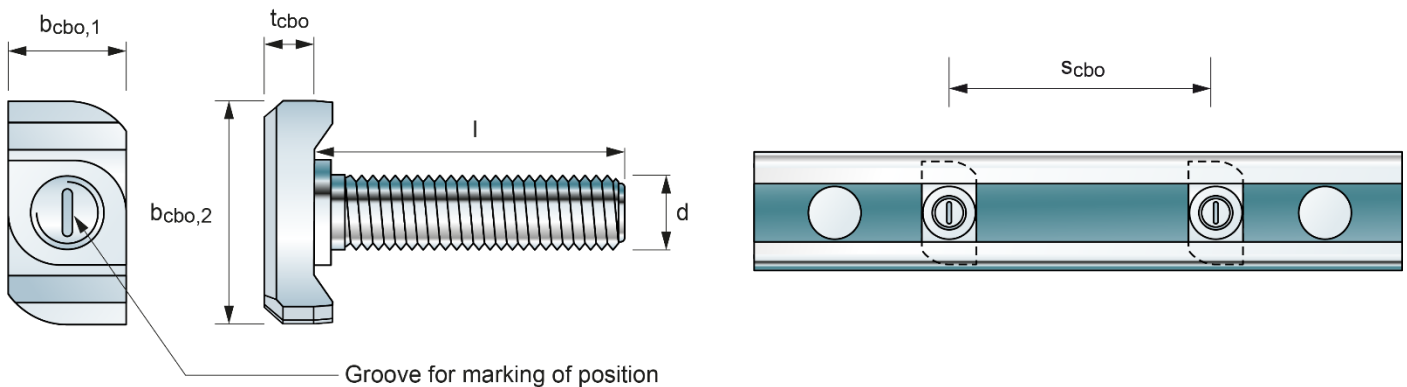


Advantages



- FBC bolts with smooth underside fitting to Cast-in Channels with smooth channel lips.
- Two directional load capacity.
- Suitable for applications in cracked and non-cracked concrete.
- High load bearing capacity combined with flexibility.
- Ideal prepositioned fixing solution, capable of covering on-site tolerances.
- Permanently adjustable fixing solution.

Technical Data



	Length of head of channel bolt	Width of head of channel bolt	Height of head of channel bolt	Length	Diameter of channel bolt	Spacing between channel bolts
	$b_{cbo,1}$	$b_{cbo,2}$	t_{cbo}	l	d	S_{cbo}
M12	17,1 mm	40,5 mm	10 mm	40 – 100 mm	12 mm	≥ 60 mm
M16	17,1 mm	40,5 mm	11 mm	50 – 125 mm	16 mm	≥ 80 mm
M20	20,5 mm	40,5 mm	12 mm	60 – 125 mm	20 mm	≥ 100 mm

Product Information

Item	Item no.	Thread M	Length l [mm]	Steel grade	Match	Sales units [pcs]
FBC-50/30-M12x40-8.8-HDG	572761	M12	40	Steel grade 8.8	FES-C-49/30, FES-H-50/30, FES-H-52/34, FES-C-54/33	50
FBC-50/30-M12x50-8.8-HDG	572762	M12	50	Steel grade 8.8		50
FBC-50/30-M12x60-8.8-HDG	572763	M12	60	Steel grade 8.8		50
FBC-50/30-M12x80-8.8-HDG	572765	M12	80	Steel grade 8.8		25
FBC-50/30-M12x100-8.8-HDG	572767	M12	100	Steel grade 8.8		25
FBC-50/30-M16x50-8.8-HDG	572771	M16	50	Steel grade 8.8	FES-C-49/30, FES-H-50/30, FES-H-52/34, FES-C-54/33	50
FBC-50/30-M16x60-8.8-HDG	572772	M16	60	Steel grade 8.8		25
FBC-50/30-M16x80-8.8-HDG	572774	M16	80	Steel grade 8.8		25
FBC-50/30-M16x100-8.8-HDG	572776	M16	100	Steel grade 8.8		25
FBC-50/30-M16x125-8.8-HDG	572777	M16	125	Steel grade 8.8		25
FBC-50/30-M20x60-8.8-HDG	572781	M20	60	Steel grade 8.8	FES-C-49/30, FES-H-50/30, FES-H-52/34, FES-C-54/33	25
FBC-50/30-M20x80-8.8-HDG	572783	M20	80	Steel grade 8.8		25
FBC-50/30-M20x100-8.8-HDG	572785	M20	100	Steel grade 8.8		20
FBC-50/30-M20x125-8.8-HDG	572786	M20	125	Steel grade 8.8		20

- all Channel bolts FBC-50/30-HDG with hot-dip galvanized coating
- different lengths of the Channel bolt available on request
- Subject to technical changes



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



CHANNEL-FIX
FIXperience Software



Fire resistance



Static 2D loading



Website