

# Technical Datasheet

## FBC-50/30-A4 Channel bolt

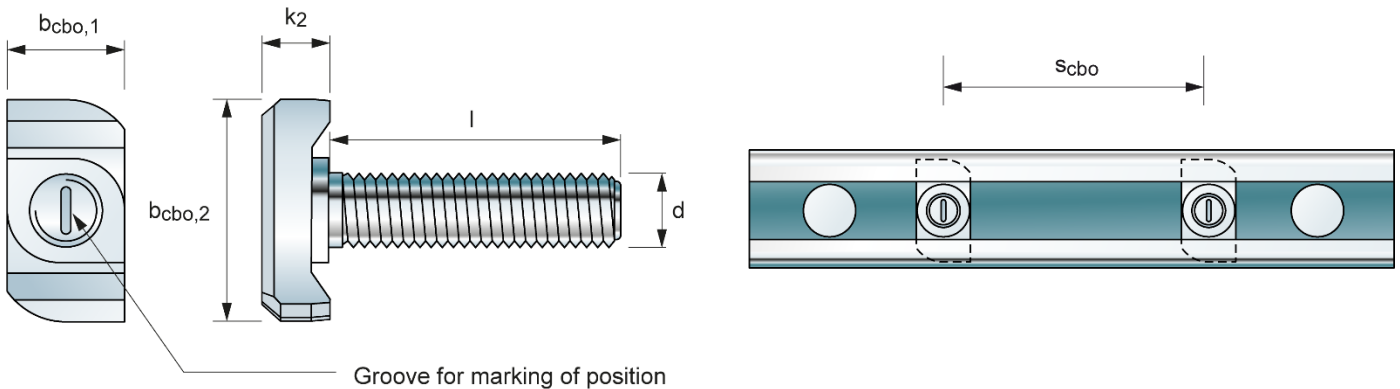


### Advantages



- 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
	$b_{cbo,1}$	$b_{cbo,2}$	$k_2$	$l$	$d$	$s_{cbo}$
<b>M12</b>	17,1 mm	40,5 mm	12,5 mm	40 – 100 mm	12 mm	≥ 60 mm
<b>M16</b>	17,1 mm	40,5 mm	13,5 mm	50 – 125 mm	16 mm	≥ 80 mm
<b>M20</b>	20,5 mm	40,5 mm	14,5 mm	40 – 200 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-A4	568070	M12	40	Steel grade A4-70	FES-C-49/30, FES-H-50/30, FES-H-52/34, FES-C-54/33	50
FBC-50/30-M12x50-A4	568071	M12	50	Steel grade A4-70		50
FBC-50/30-M12x60-A4	568072	M12	60	Steel grade A4-70		50
FBC-50/30-M12x80-A4	568074	M12	80	Steel grade A4-70		25
FBC-50/30-M12x100-A4	568076	M12	100	Steel grade A4-70		25
FBC-50/30-M16x50-A4	568080	M16	50	Steel grade A4-70	FES-C-49/30, FES-H-50/30, FES-H-52/34, FES-C-54/33	50
FBC-50/30-M16x60-A4	568081	M16	60	Steel grade A4-70		25
FBC-50/30-M16x80-A4	568083	M16	80	Steel grade A4-70		25
FBC-50/30-M16x100-A4	568085	M16	100	Steel grade A4-70		25
FBC-50/30-M16x125-A4	568086	M16	125	Steel grade A4-70		25
FBC-50/30-M20x40-A4	568088	M20	40	Steel grade A4-70	FES-C-49/30, FES-H-50/30, FES-H-52/34, FES-C-54/33	25
FBC-50/30-M20x50-A4	568089	M20	50	Steel grade A4-70		25
FBC-50/30-M20x60-A4	568090	M20	60	Steel grade A4-70		25
FBC-50/30-M20x100-A4	568094	M20	100	Steel grade A4-70		20
FBC-50/30-M20x125-A4	568095	M20	125	Steel grade A4-70		20
FBC-50/30-M20x200-A4	568096	M20	200	Steel grade A4-70		10

- different lengths of the Channel bolt available on request



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



FIXperience  
Software



Fire resistance



Stainless steel



Static 2D loading



Website

