

Technical Datasheet



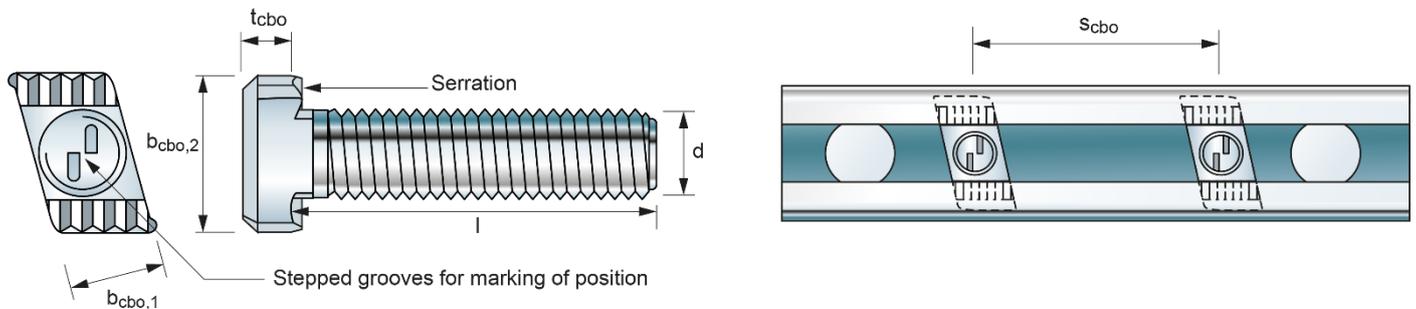
FBC-S-38/23-A4-HDG Channel bolt

Advantages



- FBC-S bolts with serrated underside perfectly interlock with channels with serrated lips in stainless steel acc. to EN 1993-1-4 CRC III.
- High corrosion resistance for use in aggressive and humid environments.
- All directional load capacity.
- Ideal prepositioned fixing solution, capable of covering on-site tolerances.
- Permanently adjustable fixing solution.
- Thus giving optimum load capacity with high safety.
- Plus optimum load capacity in longitudinal direction in combination with FES-H-S due to the full serration of the system.
- Suitable for applications in cracked and non-cracked concrete.

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	16,7 mm	29,1 mm	5,8 mm	30 – 100 mm	12 mm	≥ 60 mm
M16	16,7 mm	29,1 mm	5,8 mm	30 – 100 mm	16 mm	≥ 80 mm

Product Information

Item	Item no.	Thread M	Length l [mm]	Steel grade	Match	Sales units [pcs]
FBC-S-38/23-M12x40-A4-70-HDG	575445	M12	40	70	FES-H-S-38/23-A4	75
FBC-S-38/23-M12x50-A4-70-HDG	575446	M12	50	70		75
FBC-S-38/23-M12x60-A4-70-HDG	575447	M12	60	70		75
FBC-S-38/23-M12x80-A4-70-HDG	575448	M12	80	70		50
FBC-S-38/23-M16x40-A4-70-HDG	575451	M16	40	70	FES-H-S-38/23-A4	50
FBC-S-38/23-M16x60-A4-70-HDG	575453	M16	60	70		50
FBC-S-38/23-M16x100-A4-70-HDG	575455	M16	100	70		25

- all Channel bolts FBC-S-38/23-A4-70 in stainless steel
 - different lengths of the Channel bolt available on request
 - Subject to technical changes



European Technical Assessment
 ETA-18/0862
 EAD-330008-04-0601



CHANNEL-FIX
 FIXperience Software



Fire resistance



Static 3D loading
 serrated



Website