

Technical Datasheet

FBC-S-180-HDG Channel bolt

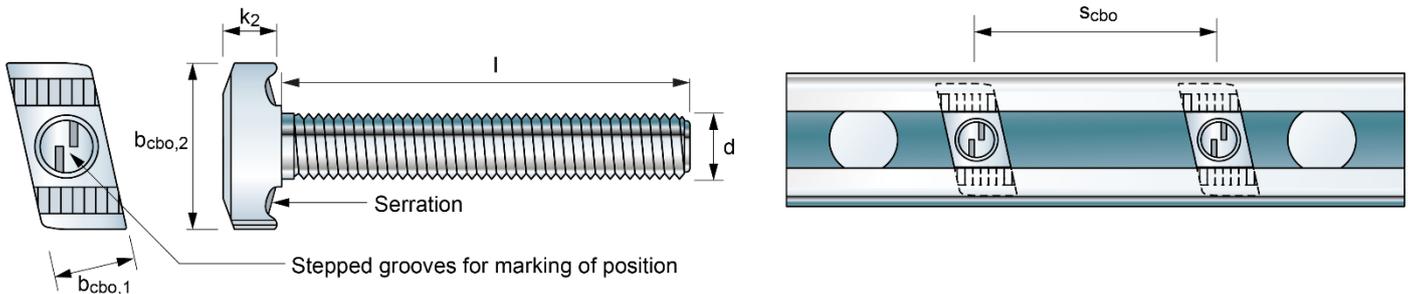


Advantages



- FBC-S bolts with serrated underside perfectly interlock with channels with serrated lips.
- 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-RS-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
	$b_{cbo,1}$	$b_{cbo,2}$	k_2	l	d	S_{cbo}
M10	16,5 mm	33,9 mm	10,6 mm	40 – 100 mm	10 mm	≥ 50 mm
M12	16,5 mm	33,9 mm	10,6 mm	40 – 100 mm	12 mm	≥ 60 mm
M16	16,5 mm	33,9 mm	10,6 mm	40 – 125 mm	16 mm	≥ 80 mm

Product Information

Item	Item no.	Thread M	Length l [mm]	Steel grade	Match	Sales units [pcs]
FBC-S-180-M10x40-8.8-HDG	575399	M10	40	Steel grade 8.8	FES-S-RS-500	50
FBC-S-180-M10x50-8.8-HDG	575400	M10	50	Steel grade 8.8		50
FBC-S-180-M10x60-8.8-HDG	575401	M10	60	Steel grade 8.8		50
FBC-S-180-M10x70-8.8-HDG	575402	M10	70	Steel grade 8.8		50
FBC-S-180-M10x80-8.8-HDG	575403	M10	80	Steel grade 8.8		50
FBC-S-180-M10x90-8.8-HDG	575404	M10	90	Steel grade 8.8		50
FBC-S-180-M10x100-8.8-HDG	575405	M10	100	Steel grade 8.8		50
FBC-S-180-M12x40-8.8-HDG	575407	M12	40	Steel grade 8.8	FES-S-RS-500	50
FBC-S-180-M12x50-8.8-HDG	575408	M12	50	Steel grade 8.8		50
FBC-S-180-M12x60-8.8-HDG	575409	M12	60	Steel grade 8.8		50
FBC-S-180-M12x70-8.8-HDG	575410	M12	70	Steel grade 8.8		50
FBC-S-180-M12x80-8.8-HDG	575411	M12	80	Steel grade 8.8		50
FBC-S-180-M12x90-8.8-HDG	575412	M12	90	Steel grade 8.8		50
FBC-S-180-M12x100-8.8-HDG	575413	M12	100	Steel grade 8.8		25
FBC-S-180-M16x40-8.8-HDG	575415	M16	40	Steel grade 8.8	FES-S-RS-500	50
FBC-S-180-M16x50-8.8-HDG	575416	M16	50	Steel grade 8.8		50
FBC-S-180-M16x60-8.8-HDG	575417	M16	60	Steel grade 8.8		50
FBC-S-180-M16x70-8.8-HDG	575418	M16	70	Steel grade 8.8		25
FBC-S-180-M16x80-8.8-HDG	575419	M16	80	Steel grade 8.8		25
FBC-S-180-M16x90-8.8-HDG	575420	M16	90	Steel grade 8.8		25
FBC-S-180-M16x100-8.8-HDG	575421	M16	100	Steel grade 8.8		25
FBC-S-180-M16x125-8.8-HDG	575422	M16	125	Steel grade 8.8		20

- all Channel bolt FBC-S-180-HDG with hot-dip galvanized coating
 - different lengths of the Channel bolt available on request



European Technical Assessment
 ETA-22/0035
 EAD-330008-04-0601



CHANNEL-FIX
 FIXperience Software



Static 3D loading
 serrated



Website