

# Technical Datasheet

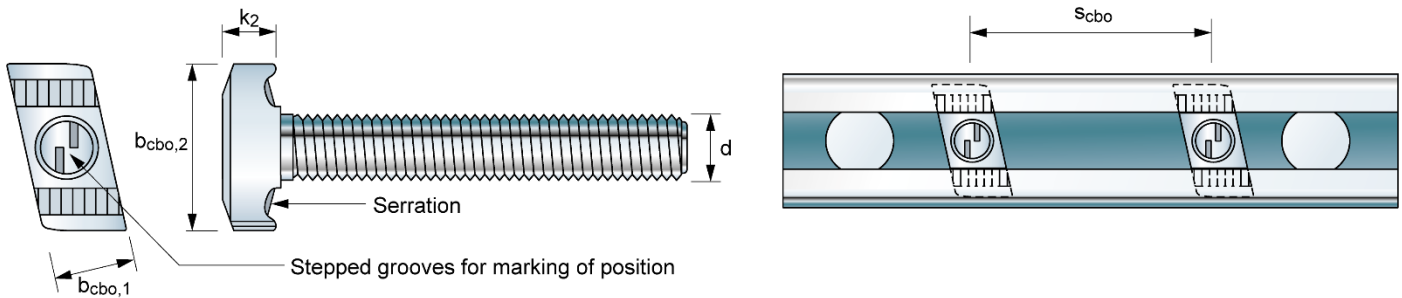
## FBC-S-225-HDG Channel bolt

### 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
	$b_{cbo,1}$	$b_{cbo,2}$	$k_2$	$l$	$d$	$S_{cbo}$
<b>M12</b>	21 mm	43 mm	15 mm	40 – 125 mm	12 mm	≥ 60 mm
<b>M16</b>	21 mm	43 mm	15 mm	40 – 200 mm	16 mm	≥ 80 mm
<b>M20</b>	21 mm	43 mm	15 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-S-225-M12x40-8.8-HDG	561142	M12	40	Steel grade 8.8	FES-S-RS-600; FES-S-RS-700	25
FBC-S-225-M12x50-8.8-HDG	561143	M12	50	Steel grade 8.8		25
FBC-S-225-M12x60-8.8-HDG	561144	M12	60	Steel grade 8.8		25
FBC-S-225-M12x70-8.8-HDG	561145	M12	70	Steel grade 8.8		25
FBC-S-225-M12x80-8.8-HDG	561146	M12	80	Steel grade 8.8		25
FBC-S-225-M12x90-8.8-HDG	561147	M12	90	Steel grade 8.8		25
FBC-S-225-M12x100-8.8-HDG	561148	M12	100	Steel grade 8.8		25
FBC-S-225-M12x125-8.8-HDG	561149	M12	125	Steel grade 8.8	20	
FBC-S-225-M16x40-8.8-HDG	561151	M16	40	Steel grade 8.8	FES-S-RS-600; FES-S-RS-700	25
FBC-S-225-M16x50-8.8-HDG	561152	M16	50	Steel grade 8.8		25
FBC-S-225-M16x60-8.8-HDG	561153	M16	60	Steel grade 8.8		25
FBC-S-225-M16x70-8.8-HDG	561154	M16	70	Steel grade 8.8		25
FBC-S-225-M16x80-8.8-HDG	561155	M16	80	Steel grade 8.8		25
FBC-S-225-M16x90-8.8-HDG	561156	M16	90	Steel grade 8.8		25
FBC-S-225-M16x100-8.8-HDG	561157	M16	100	Steel grade 8.8		25
FBC-S-225-M16x125-8.8-HDG	561158	M16	125	Steel grade 8.8	20	
FBC-S-225-M16x200-8.8-HDG	561159	M16	200	Steel grade 8.8	10	
FBC-S-225-M20x40-8.8-HDG	561160	M20	40	Steel grade 8.8	FES-S-RS-600; FES-S-RS-700	25
FBC-S-225-M20x50-8.8-HDG	561161	M20	50	Steel grade 8.8		25
FBC-S-225-M20x60-8.8-HDG	561162	M20	60	Steel grade 8.8		25
FBC-S-225-M20x70-8.8-HDG	561163	M20	70	Steel grade 8.8		25
FBC-S-225-M20x80-8.8-HDG	561164	M20	80	Steel grade 8.8		25
FBC-S-225-M20x90-8.8-HDG	561165	M20	90	Steel grade 8.8		25
FBC-S-225-M20x100-8.8-HDG	561166	M20	100	Steel grade 8.8		25
FBC-S-225-M20x125-8.8-HDG	561167	M20	125	Steel grade 8.8	20	
FBC-S-225-M20x200-8.8-HDG	561168	M20	200	Steel grade 8.8	10	

- all Channel bolt FBC-S-225-HDG with hot-dip galvanized coating  
 - different lengths of the Channel bolt available on request



European Technical Assessment  
 ETA-22/0035  
 EAD-330008-03-0601



CHANNEL-FIX  
 FIXperience Software



Static 3D loading  
 serrated



Website