

Technical Datasheet

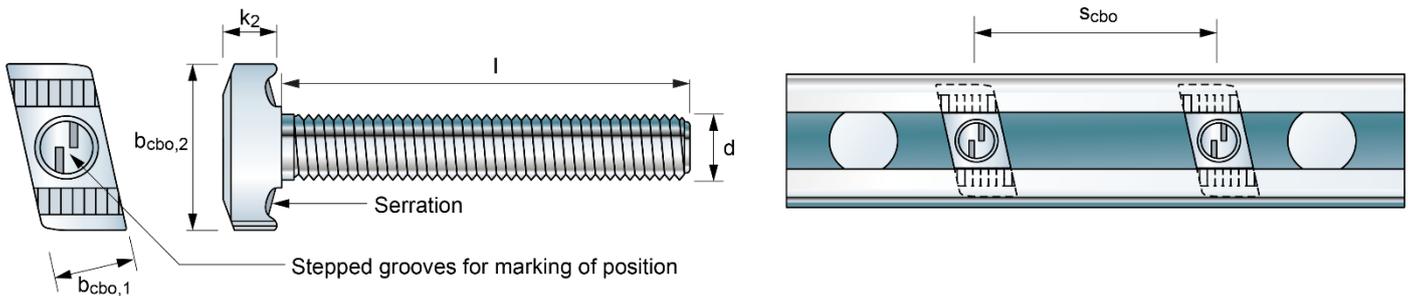
FBC-S-225-A4 Channel bolt

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-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} |
| M16 | 21,0 mm | 43,0 mm | 10,7 mm | 40 – 100 mm | 16 mm | ≥ 80 mm |

Product Information

| Item | Item no. | Thread M | Length l [mm] | Steel grade | Match | Sales units [pcs] |
|-------------------------|----------|----------|---------------|-------------|-------------------------------|-------------------|
| FBC-S-225-M16x40-A4-70 | 575380 | M16 | 40 | 70 | FES-S-RS-600; FES-S-RS-700 | 25 |
| FBC-S-225-M16x50-A4-70 | 575381 | M16 | 50 | 70 | | 25 |
| FBC-S-225-M16x60-A4-70 | 575382 | M16 | 60 | 70 | | 25 |
| FBC-S-225-M16x70-A4-70 | 575383 | M16 | 70 | 70 | | 25 |
| FBC-S-225-M16x80-A4-70 | 575384 | M16 | 80 | 70 | | 25 |
| FBC-S-225-M16x90-A4-70 | 575385 | M16 | 90 | 70 | | 25 |
| FBC-S-225-M16x100-A4-70 | 575386 | M16 | 100 | 70 | | 25 |

- all Channel bolt FBC-S-225-A4-70 in stainless steel
 - 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