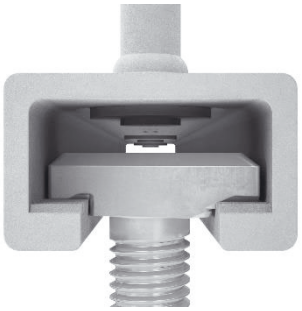
# Technical Datasheet

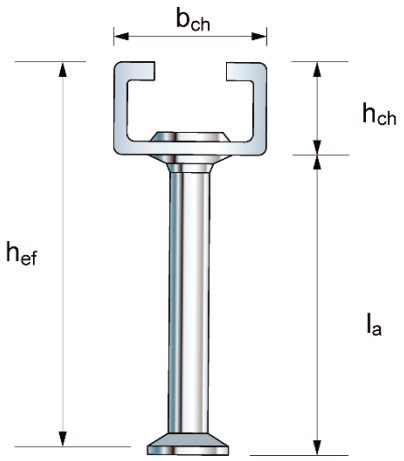
# FES-H-S-29/20 anchor channel

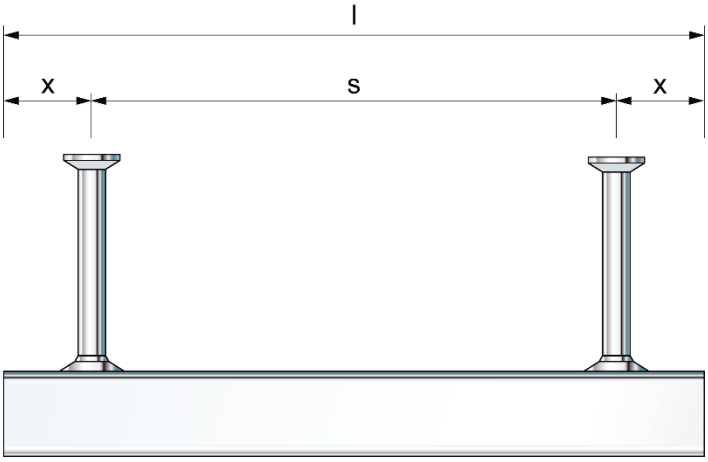
## Advantages



- Hot-rolled Cast-in Channels combining excellent load capacity with high safety and flexibility.
- Fundamental load capacity in longitudinal direction in combination with channel bolts FBC-S.
- Suitable for applications in cracked and non-cracked concrete.
- Ideal prepositioned fixing solution, capable of covering on-site tolerances.
- Permanently adjustable fixing solution.

## Technical Data




| Effective embedment depth<br>$h_{ef}$ | Total embedment depth<br>$h_{nom}$ ($l_a$ +$h_{ch}$) | Minimum thickness of concrete<br>$h_{min}$ | Anchor length<br>$l_a$ | Height<br>$h_{ch}$ | Width<br>$b_{ch}$ | Overhang<br>x | Anchor spacing<br>s |
|---|---|---|---|---|---|---|---|
| 77 mm | 79,5 mm | 100 mm | 59,5 mm | 20 mm | 30 mm | 25-35 mm | 100-200 mm |

## Product Information

| Item | Item no. | Length<br>l<br>[mm] | Number of anchors | Anchor spacing<br>s<br>[mm] | Match | Thread<br>M | Sales units<br>[pcs] |
|---|---|---|---|---|---|---|---|
| FES-H-S-29/20-150-HDG | 552446 | 150 | 2 | 100 | FBC-S-29/20 | M12 | 65 |
| FES-H-S-29/20-200-HDG | 552447 | 200 | 2 | 150 | FBC-S-29/20 | M12 | 60 |
| FES-H-S-29/20-250-HDG | 552448 | 250 | 2 | 200 | FBC-S-29/20 | M12 | 40 |
| FES-H-S-29/20-300-HDG | 552449 | 300 | 3 | 125 | FBC-S-29/20 | M12 | 30 |
| FES-H-S-29/20-350-HDG | 552450 | 350 | 3 | 150 | FBC-S-29/20 | M12 | 30 |
| FES-H-S-29/20-400-HDG | 552451 | 400 | 3 | 175 | FBC-S-29/20 | M12 | 20 |
| FES-H-S-29/20-500-HDG | 552452 | 500 | 4 | 150 | FBC-S-29/20 | M12 | 15 |
| FES-H-S-29/20-850-HDG | 552453 | 850 | 5 | 200 | FBC-S-29/20 | M12 | 1 |
| FES-H-S-29/20-1050-HDG | 552454 | 1050 | 6 | 200 | FBC-S-29/20 | M12 | 1 |
| FES-H-S-29/20-3050-HDG | 552455 | 3050 | 16 | 200 | FBC-S-29/20 | M12 | 1 |
| FES-H-S-29/20-6070-HDG | 552456 | 6070 | 31 | 200 | FBC-S-29/20 | M12 | 1 |

- all Cast-In Channel FES-H-S-29/20 with hot-dip galvanized coating, Anchor Diameter $d_a$=10 mm
- different lengths and curved Cast-In channels available on request

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

CHANNEL-FIX
FIXperience Software

Fire resistance

Static 3D loading
serrated

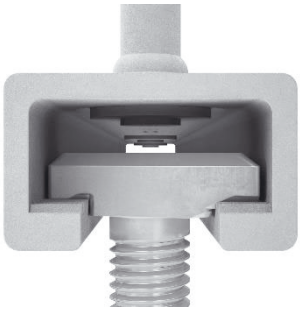
Website

last update May 2024 by BU Cast-In

# Technical Datasheet

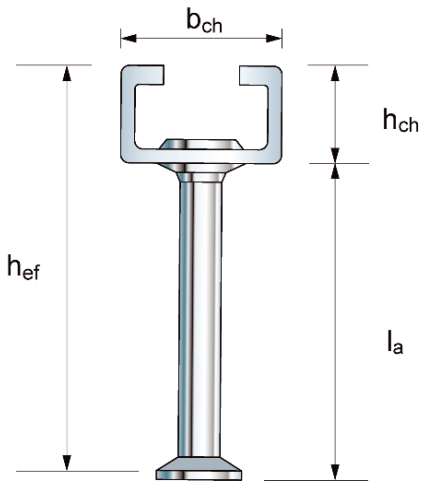
# FES-H-S-38/23 anchor channel

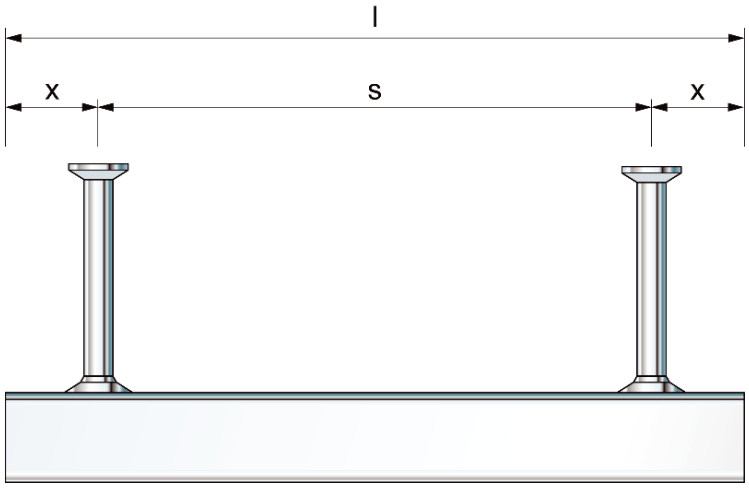
## Advantages



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- Fundamental load capacity in longitudinal direction in combination with channel bolts FBC-S.
- Suitable for applications in cracked and non-cracked concrete.
- Ideal prepositioned fixing solution, capable of covering on-site tolerances.
- Permanently adjustable fixing solution.

## Technical Data




| Effective embedment depth<br>$h_{ef}$ | Total embedment depth<br>$h_{nom}$ ($l_a$ +$h_{ch}$) | Minimum thickness of concrete<br>$h_{min}$ | Anchor length<br>$l_a$ | Height<br>$h_{ch}$ | Width<br>$b_{ch}$ | Overhang<br>x | Anchor spacing<br>s |
|---|---|---|---|---|---|---|---|
| 97 mm | 99,2 mm | 100 mm | 76,2 mm | 23 mm | 38 mm | 25-35 mm | 100-250 mm |

## Product Information

| Item | Item no. | Length l [mm] | Number of anchors | Anchor spacing s [mm] | Match | Thread M | Sales units [pcs] |
|---|---|---|---|---|---|---|---|
| FES-H-S-38/23-150-HDG | 552457 | 150 | 2 | 100 | FBC-S-38/23 | M12 – M16 | 45 |
| FES-H-S-38/23-200-HDG | 552458 | 200 | 2 | 150 | FBC-S-38/23 | M12 – M16 | 30 |
| FES-H-S-38/23-250-HDG | 552459 | 250 | 2 | 200 | FBC-S-38/23 | M12 – M16 | 30 |
| FES-H-S-38/23-300-HDG | 552460 | 300 | 2 | 250 | FBC-S-38/23 | M12 – M16 | 25 |
| FES-H-S-38/23-350-HDG | 552461 | 350 | 3 | 150 | FBC-S-38/23 | M12 – M16 | 20 |
| FES-H-S-38/23-400-HDG | 552462 | 400 | 3 | 175 | FBC-S-38/23 | M12 – M16 | 15 |
| FES-H-S-38/23-550-HDG | 552463 | 550 | 3 | 250 | FBC-S-38/23 | M12 – M16 | 11 |
| FES-H-S-38/23-850-HDG | 552464 | 850 | 5 | 200 | FBC-S-38/23 | M12 – M16 | 1 |
| FES-H-S-38/23-1050-HDG | 552465 | 1050 | 5 | 250 | FBC-S-38/23 | M12 – M16 | 1 |
| FES-H-S-38/23-3050-HDG | 552466 | 3050 | 13 | 250 | FBC-S-38/23 | M12 – M16 | 1 |
| FES-H-S-38/23-6070-HDG | 552467 | 6070 | 25 | 250 | FBC-S-38/23 | M12 – M16 | 1 |

- all Cast-In Channel FES-H-S-38/23 with hot-dip galvanized coating, Anchor Diameter $d_a$=10 mm
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ETA CE

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