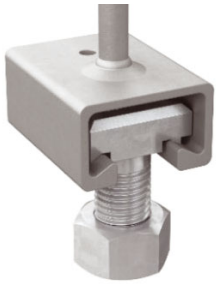
# Technical Datasheet

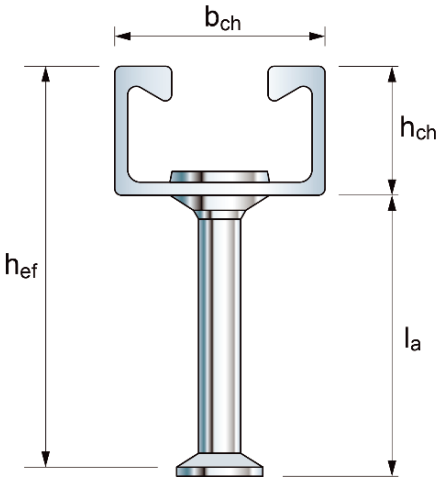
# FES-H-40/22-P anchor channel

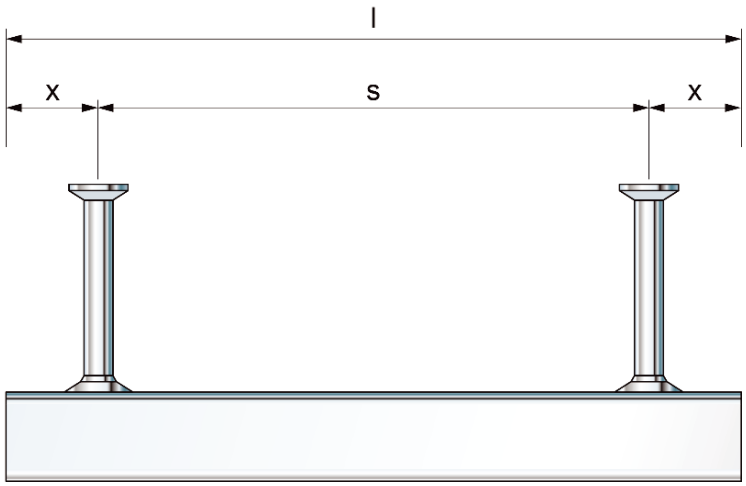
## Advantages



- 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-N or two directional load capacity with FBC.
- 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 |
|---|---|---|---|---|---|---|---|
| 91 mm | 93,2 mm | 100 mm | 69,7 mm | 23,5 mm | 40 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-40/22-P-150-HDG | 563737 | 150 | 2 | 100 | FBC-40/22; FBC-N-40/22 | M10 – M16 for FBC-40/22 or M16 for FBC-N-40/22 | 1 |
| FES-H-40/22-P-200-HDG | 563738 | 200 | 2 | 150 | FBC-40/22; FBC-N-40/22 | | 1 |
| FES-H-40/22-P-250-HDG | 563739 | 250 | 2 | 200 | FBC-40/22; FBC-N-40/22 | | 1 |
| FES-H-40/22-P-300-HDG | 563740 | 300 | 2 | 250 | FBC-40/22; FBC-N-40/22 | | 1 |
| FES-H-40/22-P-350-HDG | 563741 | 350 | 3 | 150 | FBC-40/22; FBC-N-40/22 | | 1 |
| FES-H-40/22-P-400-HDG | 563742 | 400 | 3 | 175 | FBC-40/22; FBC-N-40/22 | | 1 |
| FES-H-40/22-P-550-HDG | 563743 | 550 | 3 | 250 | FBC-40/22; FBC-N-40/22 | | 1 |
| FES-H-40/22-P-800-HDG | 563744 | 800 | 4 | 250 | FBC-40/22; FBC-N-40/22 | | 1 |
| FES-H-40/22-P-1050-HDG | 563745 | 1050 | 5 | 250 | FBC-40/22; FBC-N-40/22 | | 1 |
| FES-H-40/22-P-3050-HDG | 563746 | 3050 | 13 | 250 | FBC-40/22; FBC-N-40/22 | | 1 |
| FES-H-40/22-P-6070-HDG | 563747 | 6070 | 25 | 250 | FBC-40/22; FBC-N-40/22 | | 1 |

- all Cast-In Channel FES-H-40/22-P 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 2D loading

Static 3D loading notched

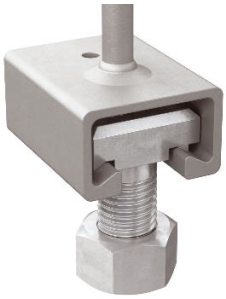
Website

last update April 2023 by BU Cast-In

# Technical Datasheet

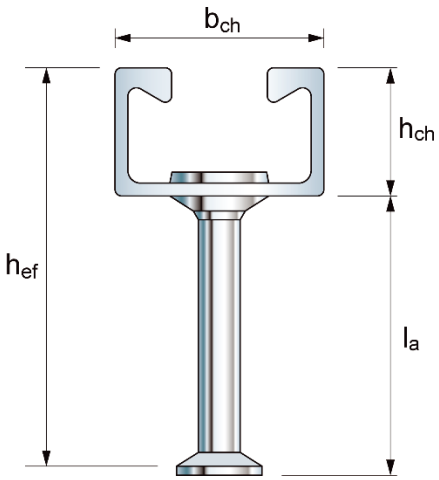
# FES-H-50/30-P anchor channel

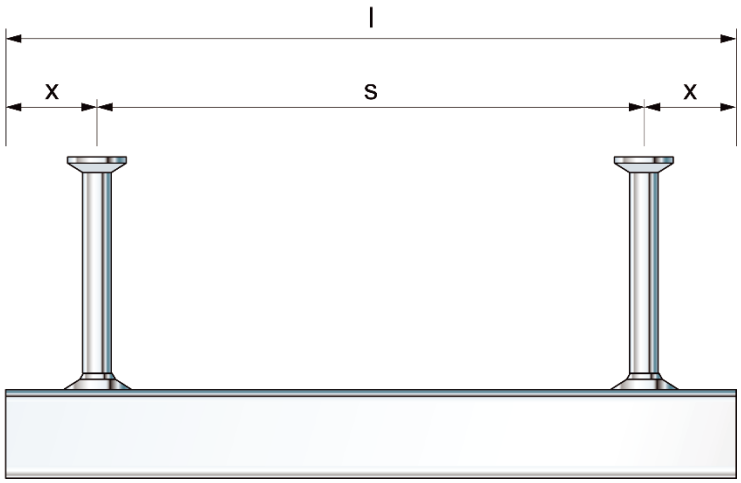
## Advantages



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- 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 |
|---|---|---|---|---|---|---|---|
| 106 mm | 108,5 mm | 108 mm | 78,5 mm | 30 mm | 50 mm | ≥ 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-50/30-P-170-HDG | 564571 | 170 | 2 | 100 | FBC-50/30; FBC-N-50/30 | M10 – M20 for FBC-50/30 or M16 – M20 for FBC-N-50/30 | 1 |
| FES-H-50/30-P-200-HDG | 563749 | 200 | 2 | 130 | FBC-50/30; FBC-N-50/30 | | 1 |
| FES-H-50/30-P-250-HDG | 563750 | 250 | 2 | 180 | FBC-50/30; FBC-N-50/30 | | 1 |
| FES-H-50/30-P-300-HDG | 563751 | 300 | 2 | 230 | FBC-50/30; FBC-N-50/30 | | 1 |
| FES-H-50/30-P-350-HDG | 563752 | 350 | 3 | 140 | FBC-50/30; FBC-N-50/30 | | 1 |
| FES-H-50/30-P-400-HDG | 563753 | 400 | 3 | 165 | FBC-50/30; FBC-N-50/30 | | 1 |
| FES-H-50/30-P-550-HDG | 563754 | 550 | 3 | 240 | FBC-50/30; FBC-N-50/30 | | 1 |
| FES-H-50/30-P-800-HDG | 563755 | 800 | 4 | 243 | FBC-50/30; FBC-N-50/30 | | 1 |
| FES-H-50/30-P-1050-HDG | 563756 | 1050 | 5 | 245 | FBC-50/30; FBC-N-50/30 | | 1 |
| FES-H-50/30-P-3050-HDG | 563757 | 3050 | 13 | 248 | FBC-50/30; FBC-N-50/30 | | 1 |
| FES-H-50/30-P-6070-HDG | 563758 | 6070 | 25 | 250 | FBC-50/30; FBC-N-50/30 | | 1 |

- all Cast-In Channel FES-H-50/30-P with hot-dip galvanized coating, Anchor Diameter $d_a$=11 mm
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