

# Channel nut FCN

Connector - Channel nut FCN



## Applications

- Simple hammer-head nut for installation in FUS channels
- The FCN is suitable for the connection of different fixtures and pipe clamps with the channel

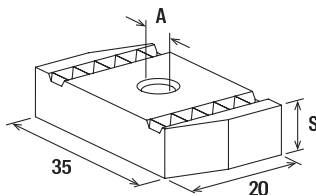
## Advantages/benefits

- The teeth on the sliding nut provide a secure hold in the FUS channel.

## Properties

- Material: steel with min. tensile strength of 415 N/mm<sup>2</sup>
- Zinc plating: electro zinc-plated, min. 5 µm

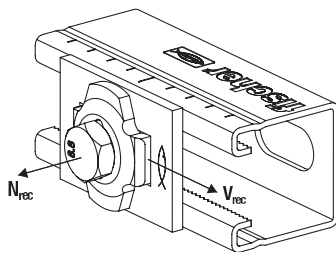
## Technical data



FCN

| Item   | Item No. | Thread<br>A | Thickness<br>S<br>[mm] | Sales unit<br>[pcs] |
|--------|----------|-------------|------------------------|---------------------|
| FCN 6  | 077405   | M 6         | 6                      | 100                 |
| FCN 8  | 077407   | M 8         | 6                      | 100                 |
| FCN 10 | 077409   | M 10        | 8                      | 100                 |
| FCN 12 | 077411   | M 12        | 9                      | 100                 |

## Loads



FCN

| Item   | Item No. | Max. recommended tension load for FUS 1,5 mm<br>$N_{rec}$<br>[kN] | Max. recommended tension load for FUS 2,0 mm<br>$N_{rec}$<br>[kN] | Max. recommended tension load for FUS 2,5 mm<br>$N_{rec}$<br>[kN] | Max. recommended shear load for FUS 1,5 mm<br>$V_{rec}$<br>[kN] | Max. recommended shear load for FUS 2,0/2,5 mm<br>$V_{rec}$<br>[kN] | Tightening torque for screw grade $\geq 8.8$<br>$T_{inst}$<br>[Nm] |
|--------|----------|---|---|---|---|---|--|
| FCN 6  | 077405   | 2.5   | 3.0   | 3.0   | 1.0   | 1.0   | 10   |
| FCN 8  | 077407   | 3.0   | 4.0   | 4.0   | 1.5   | 2.0   | 20   |
| FCN 10 | 077409   | 4.0   | 5.0   | 8.0   | 2.0   | 2.5   | 40   |
| FCN 12 | 077411   | 4.0   | 5.0   | 8.0   | 2.0   | 2.5   | 50   |