



### BENEFITS

- Sizeable holes. Facilitate the cutting and distance calculation.
- Small hole. Limited waste of material.
- National production. Guaranteed quality.
- Wide opening. Easy installation.
- Homologated.
- Installation using M8 threaded rod or lower.
- Material:
  - DX51 galvanized steel, Z200 MA according to UNE-EN103278.
  - Available with other coatings (plasticized, hot dip galvanized, ...)

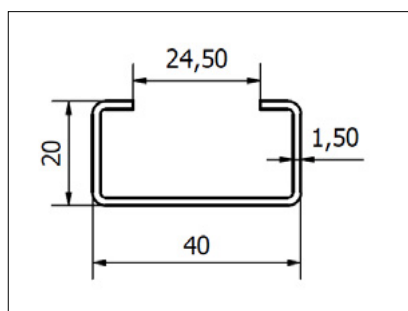
### APPROVALS



### INSTALLATION PARAMETERS

Analyze the recommended load of the channel to decide the maximum space between the supports and the maximum channel length.

### MAIN DIMENSIONS (mm)

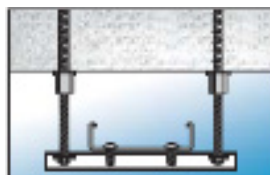


Die holes  
Connexion holes Ø10x30

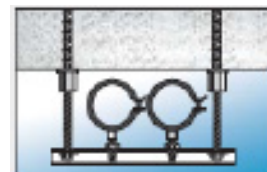
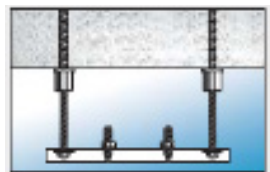
| Reference | Area<br>[mm <sup>2</sup> ] | h<br>[mm] | b<br>[mm] | Thickness<br>[mm] | Weight<br>[kg/ml] | Inertia<br>[mm <sup>4</sup> ] |                | Resistant<br>torque<br>[mm <sup>3</sup> ] |                |
|-----------|----------------------------|-----------|-----------|-------------------|-------------------|-------------------------------|----------------|-------------------------------------------|----------------|
|           |                            |           |           |                   |                   | I <sub>x</sub>                | I <sub>y</sub> | W <sub>x</sub>                            | W <sub>y</sub> |
| 40x20     | 118,799                    | 20,00     | 40,00     | 1,50              | 0,93              | 6545                          | 31602          | 549                                       | 1580           |

### INSTALATION PROCEDURE

#### Electric installation

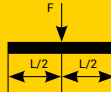
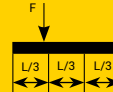


#### Plumbing installation



## APPROVAL LOADS [N]<sup>(2)</sup>

CTM Approvals (106\_SATM11\_0).

| Referencia |  |        |        |  |        |       |
|------------|-----------------------------------------------------------------------------------|--------|--------|-------------------------------------------------------------------------------------|--------|-------|
|            | 50 cm                                                                             | 100 cm | 150 cm | 50 cm                                                                               | 100 cm | 150mm |
| 40x20      | 1086                                                                              | 340    | 169    | 729                                                                                 | 230    | 107   |

<sup>(2)</sup>Values for a maximum channel deformation of L/150.

Values in Newtons [N].

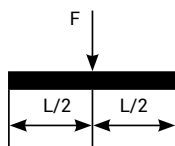
Test done by CTM.

## RECOMMENDED LOADS [KG]<sup>2</sup>

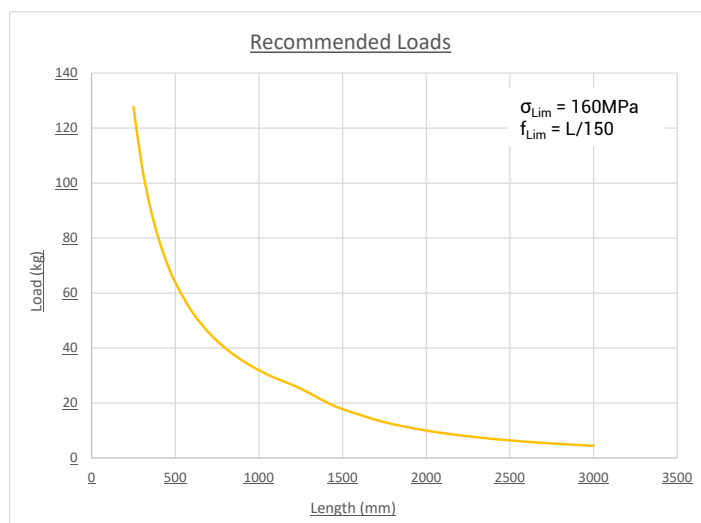
Load on the center. For other load distribution, consider all the loads as a unique load in the center of the channel.

<sup>(2)</sup> Values for a maximum channel deformation of L/150 and  $\sigma_{allow} = 160N/mm^2$ .

Simulation done by CERO METROS CUADRADOS engineering.



| Load [kg] | Maximum length [mm] |
|-----------|---------------------|
| 128       | 250                 |
| 106       | 300                 |
| 91        | 350                 |
| 80        | 400                 |
| 71        | 450                 |
| 64        | 500                 |
| 53        | 600                 |
| 46        | 700                 |
| 40        | 800                 |
| 35        | 900                 |
| 32        | 1000                |
| 29        | 1100                |
| 27        | 1200                |
| 24        | 1300                |
| 20        | 1400                |
| 18        | 1500                |
| 13        | 1750                |
| 10        | 2000                |
| 8         | 2250                |
| 6         | 2500                |
| 5         | 2750                |
| 4         | 3000                |



## APPLICATIONS

- Cable tray (perforated and wire) installation.
- M8 and M6 clamp installation.
- Air conducts installation.
- Machinery supporting.

