



BENEFITS

- Patented system. Direct fixing to the channel.
- Sizeable holes. Facilitate the cutting and distance calculation.
- Versatile. Two sides for installation.
- Two holes: Connection hole for standard installation and round hole for FT screw installation.
- National production. Guaranteed quality.
- Homologated.
- Material:
 - DX51 galvanized steel, Z200 MA according to UNE-EN103278.
 - Available with other coatings (plasticized, hot dip galvanized, ...)

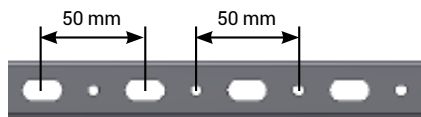
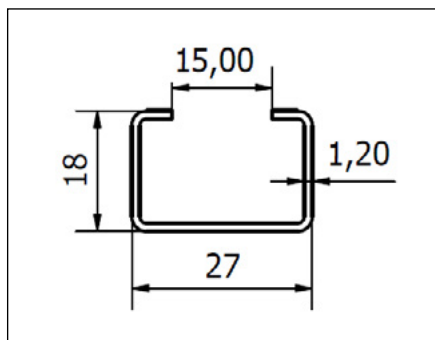
APPROVALS



INSTALLATION PARAMETERS

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

MAIN DIMENSIONS (mm)



Die holes
Connection holes $\varnothing 8 \times 20$ and round holes $\varnothing 6$.

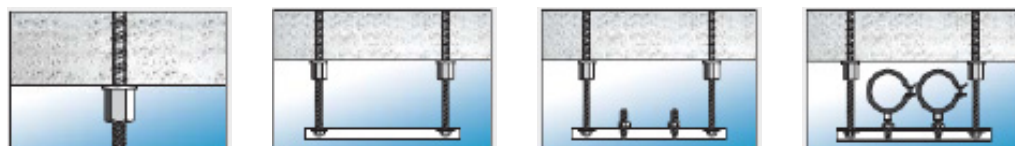
Reference	Area [mm ²]	h [mm]	b [mm]	Thickness [mm]	Weight [kg/ml]	Inertia [mm ⁴]		Resistant torque [mm ³]	
						I _x	I _y	W _x	W _y
27 x 18	70.932	18.00	27.00	1.20	0.56	3033	9130	303	676

INSTALLATION PROCEDURE

Electric installation

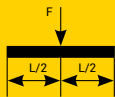
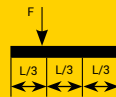


Plumbing installation



APPROVAL LOADS [N]⁽²⁾

CTM approval (436_SATM10_1).

Reference						
	500 mm	1000 mm	1500 mm	500 mm	1000 mm	1500 mm
27 x 18	594	170	80	401	113	52

⁽²⁾Values for a maximum channel deformation of $L/150$.

Values in Newtons [N].

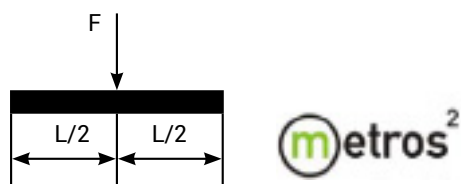
Test done by CTM.

RECOMMENDED LOADS [KG]²

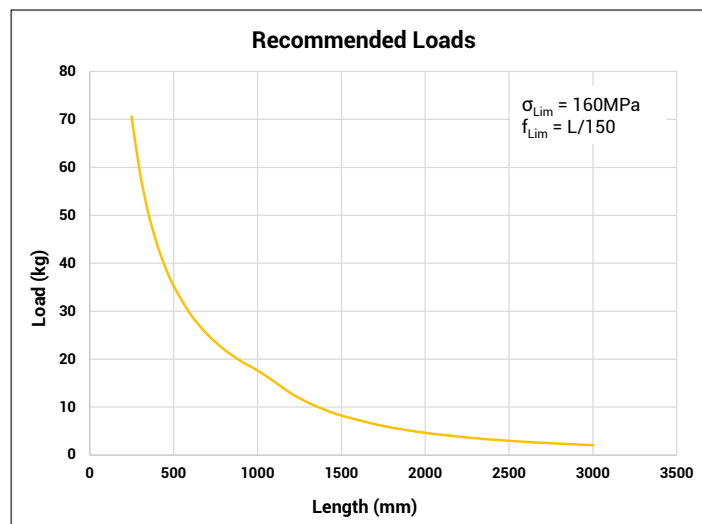
Load on the centre. For other load distribution, consider all the loads as a unique load in the centre of the channel.

⁽²⁾ Values for a maximum channel deformation of $F_{Lim} = L/150$ and $\sigma_{Lim} = 160\text{MPa}$.

Simulation done by CERO METROS CUADRADOS engineering.



Load [kg]	Maximum length [mm]
71	250
59	300
50	350
44	400
39	450
35	500
29	600
25	700
22	800
20	900
18	1000
15	1100
13	1200
11	1300
9	1400
8	1500
6	1750
5	2000
4	2250
3	2500
2	2750
2	3000



APPLICATIONS

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

