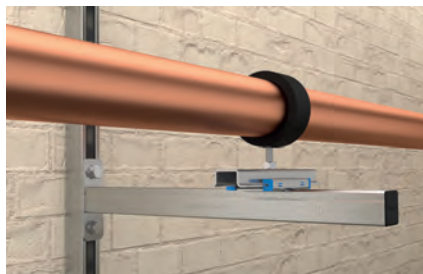


Cantilever arm FCA hdg.

Hot-dip galvanised FUS profiles with welded base plate for direct mounting on the base material



Refrigerant pipe clamp on sliding element



Heavy pipe on cantilever

Applications

- Quick and easy installation of pipelines, for example, along the wall
- For indoor and outdoor applications and in environments with high stress to components due to corrosion

Certificates



Fire resistance classification
R120



MLAR R30

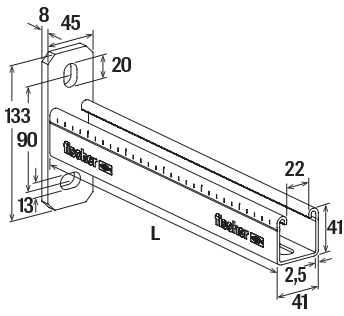
Advantages/benefits

- The fire inspection report in line with MLAR/EN13501 guarantees independently tested functional safety.
- The graduated range of lengths allows for an ideal adaptation to the application.
- The arms solid base plate offers a secure hold for load-bearing construction.
- The base plate's long slots, which are at 90° to one another, allow the arm to be easily aligned.
- The stamped teeth in the channel give the sliding nuts a secure hold for high shear loads, e.g. for vertical installation.
- The surface coating creates a high corrosion protection against environmental influences like humidity, water, saltwater or other corrosive substances.

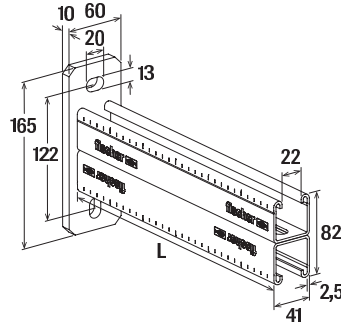
Properties

- Material: steel S235 JR (material no.10037) acc. to DIN EN 10025
- Zinc plating: hot-dip galvanised, min. 45 µm, acc. to DIN EN ISO 1461

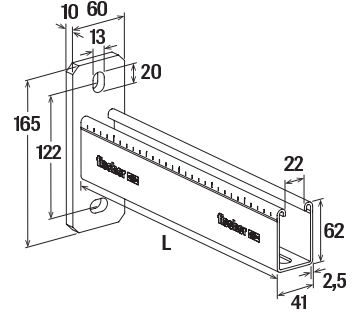
Technical data



FCA 41



FCA 41D



FCA 62

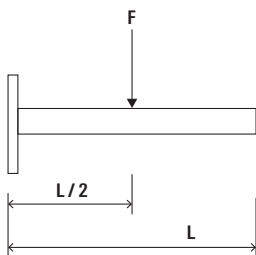
Item	Item No.	Fire test report	Profile	Length L [mm]	Sales unit [pcs]
FCA 41 - 300 hdg.	517411	X	41/2,5	300	1
FCA 41 - 450 hdg.	517412	X	41/2,5	450	1
FCA 41 - 600 hdg.	517413	X	41/2,5	600	1
FCA 41 - 750 hdg.	517414	X	41/2,5	750	1
FCA 62 - 1000 hdg.	538015	X	62/2,5	1000	1
FCA 41D - 750 hdg.	538016	—	41D/2,5	750	1
FCA 41D - 1000 hdg.	538017	—	41D/2,5	1000	1

3a

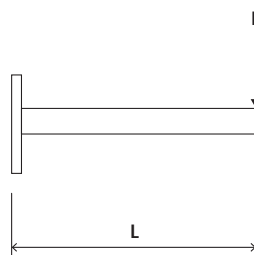
Loads

Item	Item No.	Max. recommended static load load case 1	Max. recommended static load load case 2	Max. recommended static load load case 3
		F_{rec} [kN]	F_{rec} [kN]	F_{rec} [kN]
FCA 41 - 300 hdg.	517411	1.8	0.9	1.8
FCA 41 - 450 hdg.	517412	1.2	0.6	1.2
FCA 41 - 600 hdg.	517413	0.9	0.45	0.9
FCA 41 - 750 hdg.	517414	0.72	0.36	0.72
FCA 62 - 1000 hdg.	538015	1.25	0.62	1.25
FCA 41D - 750 hdg.	538016	2.5	1.25	2.5
FCA 41D - 1000 hdg.	538017	1.9	0.93	1.9

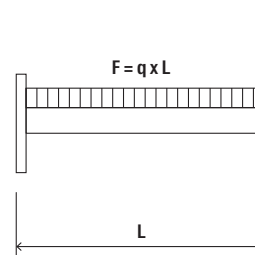
Load case 1



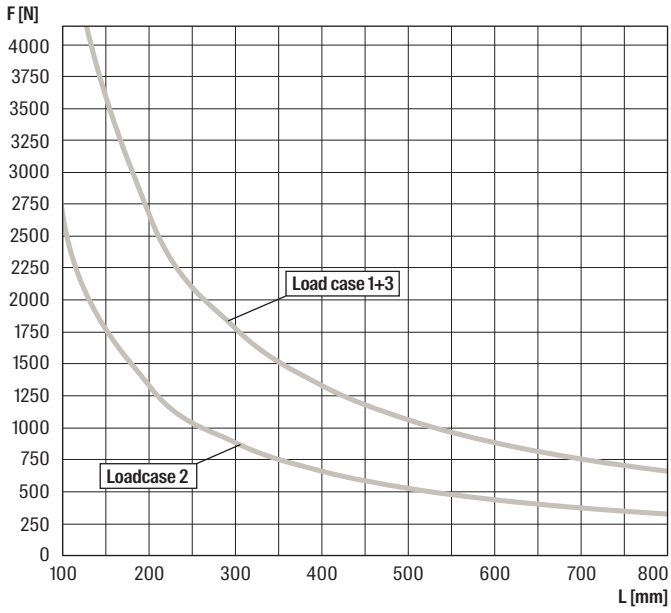
Load case 2



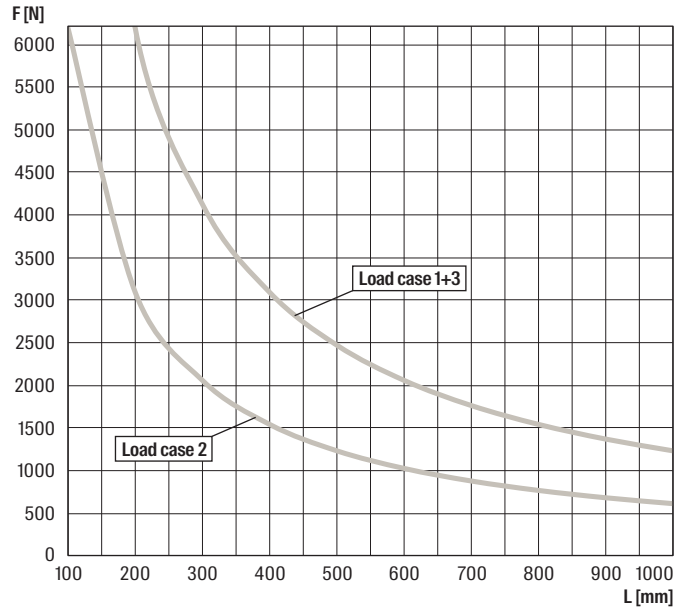
Load case 3



FCA 41



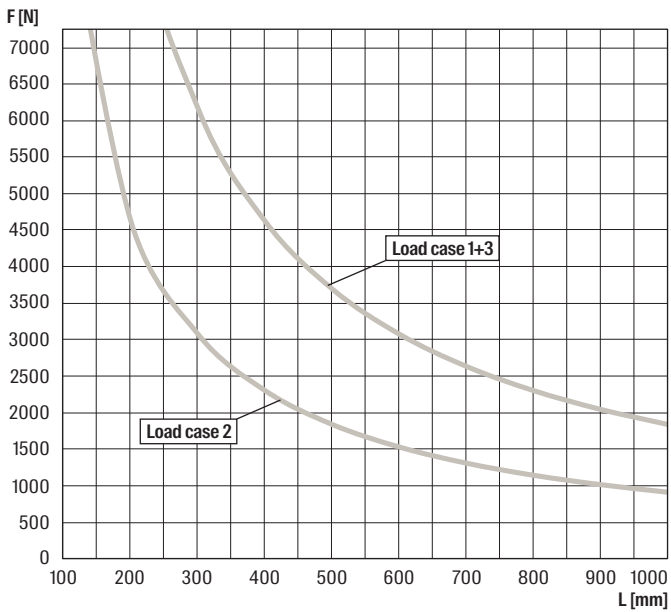
FCA 62



3a

For the load curves, the permissible steel strain $\delta_{adm.} = 160$ N/mm and the maximum deflection under load $L/150$ are not exceeded. Load values of the cantilever arms under consideration of the load capacity of the base plate. Fixings and screw fastenings must be calculated accordingly.

FCA 41D



For the load curves, the permissible steel strain $\delta_{adm.} = 160$ N/mm and the maximum deflection under load $L/150$ are not exceeded. Load values of the cantilever arms under consideration of the load capacity of the base plate. Fixings and screw fastenings must be calculated accordingly.