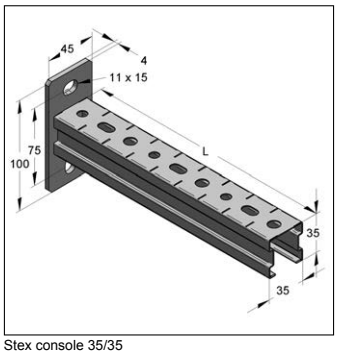
Stex - console



Stex console 35/35

Specification

Application area: Console for the production of cantilever structures for the support of suspended and standing pipe loads.

Technical data

Material:	Steel
Surface:	galvanized
Global safety coefficient:	1,35

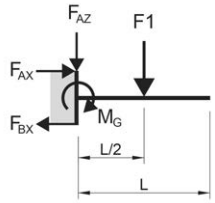
Remark: Permissible load at a yield strength of $\sigma_{zul.}$ = 160 N/mm^2 and a max. deflection of f = L/150. All load specifications refer exclusively to static loads.

Dimension profile [mm]	Length console L [mm]	Dimension plate [mm]	Alignment of plate	Load F1 [kN]	Load F2 [kN]	Load Fq0 [kN/m]	Weight [kg/pc]	Packing unit [pcs.]	Part-No.
35/35/1	150	100x45x4	vertical	2,05	1,02	13,65	0,285	25	1274150
35/35/1	225	100x45x4	vertical	1,37	0,68	6,07	0,362	25	1274225
35/35/1	300	100x45x4	vertical	1,02	0,51	3,41	0,440	25	1274300
35/35/1	375	100x45x4	vertical	0,82	0,41	2,18	0,517	25	1274375

Stex - console

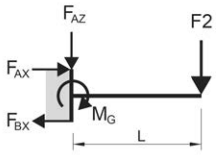
Dimension profile [mm]	Length console L [mm]	Dimension plate [mm]	Alignment of plate	Load F1 [kN]	Load F2 [kN]	Load Fq0 [kN/m]	Weight [kg/pc]	Packing unit [pcs.]	Part-No.
35/35/1	450	100x45x4	vertical	0,68	0,34	1,52	0,594	20	1274450
35/35/1	525	100x45x4	vertical	0,59	0,28	1,11	0,671	20	1274525

Loading condition F1



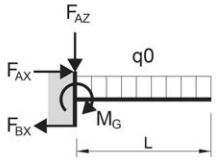
F_{AZ} = F1 M_G= F1*L / 2

Loading condition F2



F_{AZ} = F2 M_G = F2*L

Loading condition q0



F_{AZ} = q0*L M_G = q0*L^2 / 2