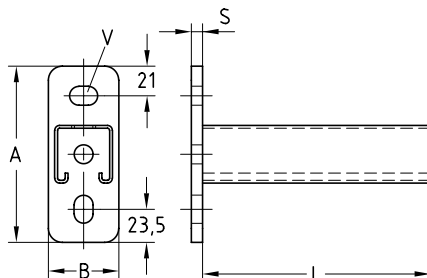


MPR-Wall hanger brackets

galvanised

Field of application

- Ideal as cantilever support structure of multisection pipeways
- Applicable as cantilever bracket for air ducts and cable trays
- Applicable in combination with saddle support and channel support brackets as a cross-beam for pipe attachments in shafts and ducts
- Solid wall bracket for valves and equipment
- For indoor use
- Selected sizes with VdS certificate for the installation of sprinkler systems



Advantages

- The strong base plate ensures a high load carrying capacity
- Elongated- and cross-hole for flexible attachment to the building structure
- Variety of lengths covers all construction requirements
- Clean-cut appearance by the use of MPR-protection caps
- Wall hanger brackets with VdS certificate – oblong holes in a 50 mm grid



Wall hanger brackets
with VdS certificate

Features



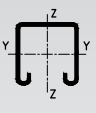
Profile	Length L [mm]	VdS approved	Fire protection certified	Part no.	Sales unit	Pack unit	Dimensions [mm]								
							A	B	s	V					
41/21/2.0	160			156763	30	pieces	125	50	6	13.5 x 20					
	240			156764	25										
	320			156765											
	400			156766											
41/41/2.0	160			156767	20							8			
	240			156768											
	320			156769											
	400			156770	15										
	480			156771											
	560			156772											
	640			156773	10										
	720			156774											
	800			156775									1		
	1,040			156776											
41/41/2.5	150	●	●	166150	25										
	300	●	●	166151	20										
	450	●	●	166152	15										
41/62/2.5		●	●	166153	1		165	60							
	600	●	●	166154											
	800	●	●	166155											
	1 000	●		166156											



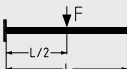

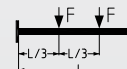

For use in areas with requirements on the duration of fire resistance, the boundary conditions set out in the fire test report must be observed.

MPR-Wall hanger brackets galvanised

Technical data of brackets:

Profile	Dimensions H x W x D [mm]	Base plate Material	Admissible steel stress $\sigma_{adm.}$ [N/mm ²]	Support channel Material	Admissible steel stress $\sigma_{adm.}$ [N/mm ²]
					
41/21/2.0	125 x 50 x 6	S235	162	S235	188
41/41/2.0	125 x 50 x 8				
41/41/2.5					
41/62/2.5	165 x 60 x 8	S355MC	231		

Load bearing capacities of brackets for bending around the y-axis:

Profile	Base plate $M_{max.}$ [Nmm]	Length L [mm]				
Max. allowable load [N]						
41/21/2.0	112,154	160	1.399	700	700	466
		240	931	466	466	310
		320	696	348	348	232
		400	555	231	278	185
41/41/2.0	275,080	160	3,435	1,718	1,718	1,145
		240	2,287	1,144	1,144	762
		320	1,712	856	856	571
		400	1,367	684	684	456
		480	1,136	568	568	379
		560	971	485	485	324
		640	846	422	423	282
		720	749	373	375	250
		800	671	320	336	224
		1,040	508	185	254	169
41/41/2.5		150	3,664	1,832	1,832	1,227
		300	1,826	913	913	609
		450	1,211	606	606	403
41/62/2.5	542,490	450	2,397	1,199	1,199	798
		600	1,790	895	895	597
		800	1,332	666	666	444
		1,000	1,054	527	527	351



The determined loads apply for static loads. Calculation based on Eurocode (EC3).

The safety coefficient $\gamma = 1.54$ takes into account the partial and combination coefficients as well as the safety factor of the material.

For the given values, the permissible steel stress and the maximum permissible deflection $L/150$ are not exceeded, taking the deadweight into consideration.

The load-carrying values refer to the console support. Fastening elements such as plugs and screws, must be chosen in accordance with the loads.