Drilling pattern



Drilling pattern 48/6 for screw fixing

Determining the minimum gap that is required

Cup dimensions



Cruciform mounting plate

IAFEL





The required minimum gap depends on the hinge type, distance to cup and door thickness. Once the door thickness and the distance to cup have been determined, the minimum gap is shown in the application table.

Example:

With a door thickness of 19 mm and a distance to cup of 4 mm a minimum gap of 2 mm is required.

Door thickness mm	Distance to cup mm					
	3	4	5	6		
16	1,2	1,2	1,1	1,1		
18	1,7	1,7	1,6	1,6		
19	2,0	2,0	1,9	1,9		
20	2,4	2,3	2,2	2,2		
22	3,3	3,1	3,0	2,9		
24	4,5	4,2	4,0	3,9		
26 – 32	Trial mounting is recommended					

Number of concealed hinges per door

The values in the table are sample measurements. Trial mounting is recommended.

- The number of concealed hinges per door depends on:
- Door width and height
- Door weight
- Door material

According to the example diagram, three concealed hinges have to be fitted with a door height of 1,500 mm and a door weight of 7 - 12 kg.



Choice of mounting plate



DGH-M-INT 2008, HDE-en, 09/08; Dimensional data not binding. We reserve the right to alter specifications without notice.





E

The different distance heights of the mounting plates allow adjustments to be made to the door overlay. The distance is determined by the mounting plate thickness. The starting point for determining the required distance is the desired type of mounting with a defined door overlay.

Example

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Door	overlav	mn

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4	5	6	7	8	9	10	11	12	13	
					3	4	5	6	7	3
				3	4	5	6	7		4
		3	4	5	6	7				6
3	4	5	6	7						8
Distance to cup E mm					Μοι	Mounting plate distance mm				

Once the door overlay and the distance to cup have been determined, the distance can be looked up in the application table. In the example the door overlay is defined at 10 mm and the distance to cup at 5 mm. This produces a distance of 4 mm.