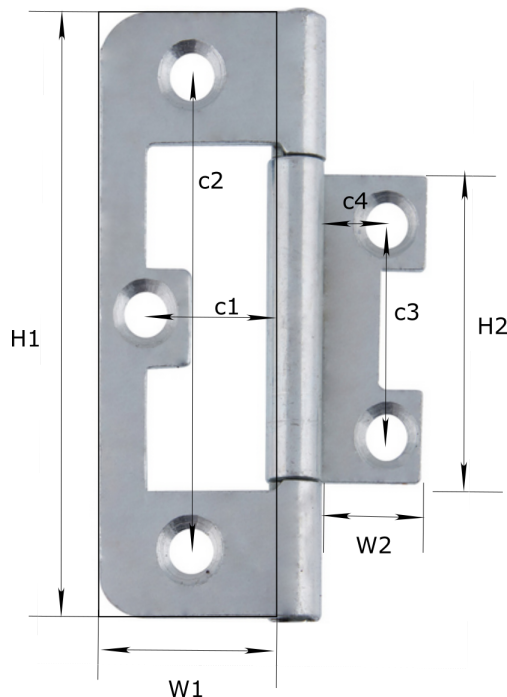


# Flush Hinges Dimensions



Dimensions were estimated by importing an image of the hinge into inkscape and measuring pixel distances of the relevant parts. The nominal size of the hinge is the height of the large flap. Thus, the other dimensions can be determined by scaling their pixel ratios with the height's pixel size and the known height of the hinge.

<https://www.toolstation.com/flush-hinge/p19166>

The 70mm hinge comes on packs of 20 for £7.08

pixel measurement	label code	distance (mm)	distance (mm)	distance (mm)	description
499	H1	<b>70.0</b>	<b>60.0</b>	<b>50.0</b>	full height
253	H2	35.5	30.4	25.4	height of small arm
147	W1	20.6	17.7	14.7	width of large arm
79	W2	11.1	9.5	7.9	width of small arm
106	C1	14.9	12.7	10.6	pin barrel to widest set hole centre
391	C2	54.8	47.0	39.2	centres between upper and lower holes on large arm
179	C3	25.1	21.5	17.9	centres between holes on small arm
51	C4	7.2	6.1	5.1	pin barrel to hole centres on small arm

Google Sheet with calculations

[https://docs.google.com/spreadsheets/d/11nCL\\_IM5NNdqVUYhknJT2I91yg8WAeISuDZEWUHGf2w/edit#gid=0](https://docs.google.com/spreadsheets/d/11nCL_IM5NNdqVUYhknJT2I91yg8WAeISuDZEWUHGf2w/edit#gid=0)