

MESUCO 143 rapid

Ø35 cup hinge.

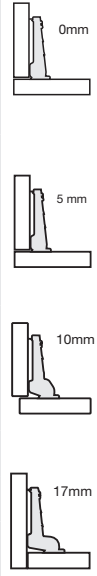
Quick assembly.

Minimum drilling depth and maximum performance. Certified by LGA.




INDA~~matic~~

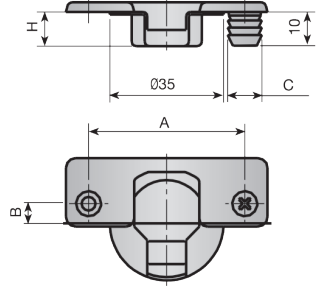
1 HINGE GROUP

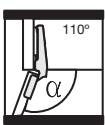
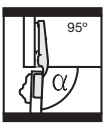

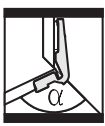
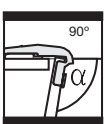
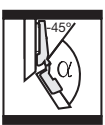


0mm
5mm
10mm
17mm



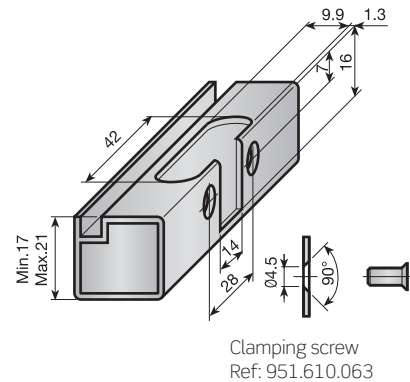
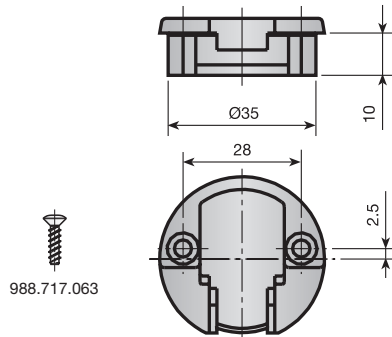
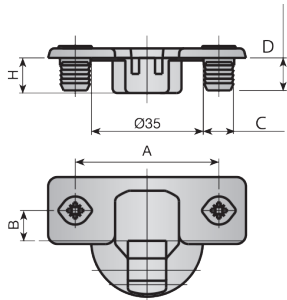
988.715.066*
* Supplied to order



		NICKEL						
		A: 48, B: 6		A: 45, B: 9.5		A: 52, B: 5.5		
		Screw-fixed	With dowels C: Ø10	Screw-fixed	With dowels C: Ø8	Screw-fixed	With dowels C: Ø10	
 <p>$\alpha = 0^\circ \div 110^\circ$ H = 10.5</p>	standard	0mm.	060.040.175	060.041.170	060.060.173	060.069.170	060.070.172 360.070.174 (1)	060.071.174
		5mm.	067.140.172	067.141.174	067.160.170	067.169.174	067.170.176	067.171.171
		10mm.	061.140.170	061.141.172	061.160.175	061.169.172 361.169.174 (1)	061.170.174 361.170.176 (1)	061.171.176 361.171.171 (1)
		17mm.	062.140.175	062.141.170	062.160.173	062.169.170 362.169.172 (1) 062.169.100 (2) 362.169.102 (1) (2)	062.170.172 362.170.174 (1)	062.171.174 362.171.176 (1) 062.171.104 (2) 362.171.106 (1) (2)
	self-opening	0mm.	060.040.153	060.041.155	060.060.151	060.069.155	060.070.150	060.071.152
		5mm.	067.140.150	067.141.152	067.160.155	067.169.152	067.170.154	067.171.156
		10mm.	061.140.155	061.141.150	061.160.153	061.169.150	061.170.152	061.171.154
		17mm.	062.140.153	062.141.155	062.160.151	062.169.155	062.170.150	062.171.152
 <p>Large displacement $\alpha = 0^\circ \div 95^\circ$ H = 10.5</p>	0mm.	060.140.161	060.141.163	060.160.166	060.169.163 360.169.165 (1)	060.170.165	060.171.160 360.171.163 (1)	
	10mm.	061.140.166	061.141.161	061.160.164	061.169.161	061.170.163	061.171.165	
	17mm.	062.140.164	062.141.166	062.160.162	062.169.166	062.170.161	062.171.163	
 <p>$\alpha = 0^\circ \div 172^\circ$ H = 10.5</p>	0mm.	060.040.046	060.041.041	060.060.840	060.069.844	060.070.846	060.071.841	
	10mm.	061.040.044	061.041.046	061.060.845	061.069.842	061.070.844	061.071.846	
 <p>$\alpha = 15^\circ \div 125^\circ$ $\alpha = 30^\circ \div 140^\circ$ $\alpha = 45^\circ \div 155^\circ$ H = 10.5</p>	0mm.	068.140.170	068.141.172	068.160.175	068.169.172	068.170.174	068.171.176	
	0mm.	069.140.175	069.141.170	069.160.173	069.169.170 369.169.172 (1)	069.170.172 369.170.174 (1)	069.171.174 369.171.176 (1)	
	0mm.	064.140.171	064.141.173	064.160.176	064.169.173 364.169.175 (1)	064.170.175 364.170.170 (1)	064.171.170 364.171.174 (1)	
 <p>$\alpha = 90^\circ \div 200^\circ$ H = 10.5</p>	0mm.	063.140.173	063.141.175	063.160.171	063.169.175 363.169.170 (1)	063.170.170 363.170.172 (1)	063.171.172 363.171.174 (1)	
	10mm.	066.140.174	066.141.176	066.160.172	066.169.176	066.170.171	066.171.173	
 <p>$\alpha = -45^\circ \div 65^\circ$ H = 10.5</p>	0mm.	065.140.176	065.141.171	065.160.174	065.169.171 365.169.173 (1)	065.170.173	065.171.175 365.171.170 (1)	


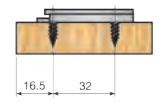

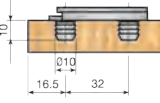

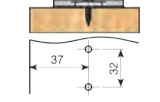

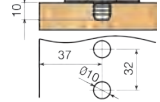

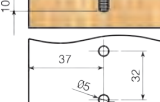

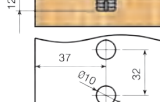

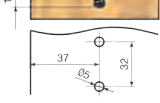

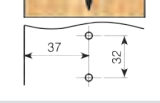

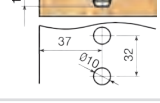

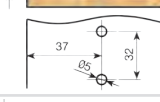
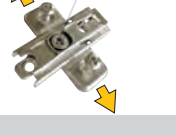
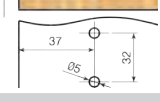




(1) Lateral adjustment -2mm+2mm

(2) Without self-opening



			NICKEL	
A: 48, B: 6	A: 45, B: 9.5	A: 52, B: 5.5	Glass door hinge Ø35	
Expand	Expand	Expand	Hinge for aluminium frames	
060.043.174	060.063.172	060.073.171	060.030.073	090.100.371
067.143.171	067.163.176	067.173.175	067.130.070	090.100.485
061.143.176	061.163.174 361.163.176 (1)	061.173.173	061.130.075	090.100.426
062.143.174	062.163.172	062.173.171 362.173.173 (1)	062.130.073	090.100.382
060.043.152	060.063.150	060.073.156	060.030.051	306.000.063
067.143.156	067.163.154	067.173.153	067.130.055	306.050.065
061.143.154	061.163.152	061.173.151	061.130.053	306.100.060
062.143.152	062.163.150	062.173.156	062.130.051	306.200.064
060.143.160	060.163.165	060.173.164		
061.143.165	061.163.163	061.173.162		
062.143.163	062.163.161	062.173.160		
060.043.045	060.063.846	060.073.845		
061.043.043	061.063.844	061.073.843		
068.143.176	068.163.174	068.173.173		
069.143.174	069.163.172 369.163.174 (1)	069.173.171 369.173.173 (1)		
064.143.170	064.163.175 364.163.170 (1)	064.173.174 364.173.176 (1)		
063.143.172	063.163.170 363.163.172 (1)	063.173.176 363.173.171 (1)		
066.143.173	066.163.171	066.173.170		
065.143.175	065.163.173 365.163.175 (1)	065.173.172 365.173.174 (1)		

2 MOUNTING PLATES

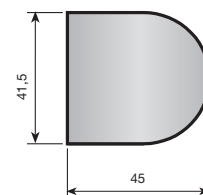
				2	4	6	9
		Screw-fixed Vertical adjustment ± 1,5 mm cam	Nickel-plated Zamak	083.041.114	083.041.210		
		Knock-in Vertical adjustment ± 1,5 mm cam	Nickel-plated Zamak	083.141.111	083.141.214		
		Screw-fixed Vertical adjustment ± 2 mm	Nickel-plated steel	083.243.123	083.243.226		
		Knock-in Vertical adjustment ± 2 mm	Nickel-plated steel	083.343.120	083.343.223		
		Screw-fixed (WITH CENTERER) Vertical adjustment ± 2,5 mm	Nickel-plated steel	083.743.122	083.743.225		
		Knock-in (WITH CENTERER) Vertical adjustment ± 2,5 mm	Nickel-plated steel	083.748.125	083.748.221		
		Pre-mounted euro screw Vertical adjustment ± 2,5 mm	Nickel-plated steel	083.643.125	083.643.221		
		Screw-fixed Vertical adjustment ± 1,5 mm cam	Nickel-plated Zamak	083.241.115	083.241.211	083.241.314	083.241.410
		Knock-in Vertical adjustment ± 1,5 mm cam	Nickel-plated Zamak	083.341.112	083.341.215	083.341.311	083.341.414
		Pre-mounted euro screw Vertical adjustment ± 1,5 mm cam	Nickel-plated Zamak	083.641.110	083.641.213	083.641.316	083.641.412
		Screw-fixed (WITH CENTERER) Vertical adjustment ± 1,5 mm cam	Nickel-plated steel	083.541.113	083.541.216	083.541.312	083.541.415
				5°		10°	
		5° and 10° spacer wedge for wing plate		White	352.905.000	352.910.003	
				Brown	352.905.011	352.910.014	
				Black	352.905.022	352.910.025	
	EURO-SCREW H = 11 - Ref.: 951.211.063 H = 13 - Ref.: 951.213.060 (STANDARD)			3 Adjustments			

3 COVERS

■ Glass door covers

Cover

PA	Silver-polish	351.700.226
PA	Gold-polish	351.700.230
PA	Black	351.700.252



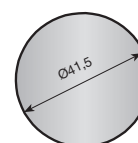
Adaptor

PA	351.710.004
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Cover

PA	Silver-polish	351.900.220
PA	Gold-polish	351.900.231
PA	Black	351.900.253



Adaptor

PA	351.910.005
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O-ring

PA	White	351.110.001
PA	Brown	351.111.003
PA	Black	351.112.005



■ Hinge arm cover

Steel	Nickel-plated	302.143.715
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4 DAMPERS

This solution uses Indaux high performance MESUCO hinges as its starting point. And in order not to occupy any space inside the cabinet, the damper is then fitted into the cup. The damper fits comfortably into the hinge, adapts to the weight and size of the doors as well as the closing speed.

INDAmatic for MESUCO 143 hinge cup.

	A:48, B:6	A:52, B:5.5
Nickel-plated zamak	197.805.064	197.806.066

INDAmatic



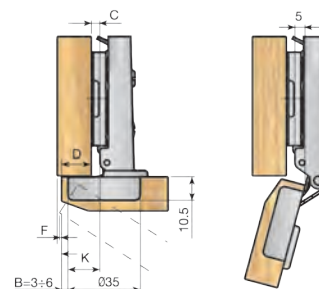
5 TECHNICAL DATA

MESUCO 143 RAPID Opening 110°

Full overlay



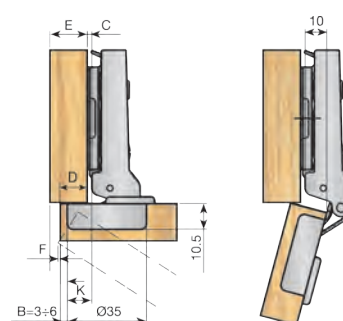
Calculation of the height of the plate
 $C = B + K - D$
 $K = \text{Constant} = 14.5\text{mm}$



Partial Overlay



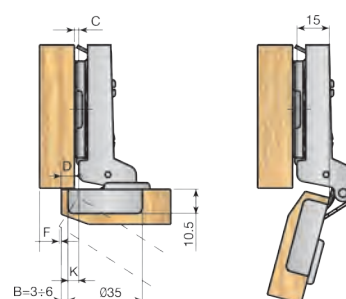
Calculation of the height of the plate
 $C = B + K - D$
 $K = \text{Constant} = 10\text{mm}$



Half overlay



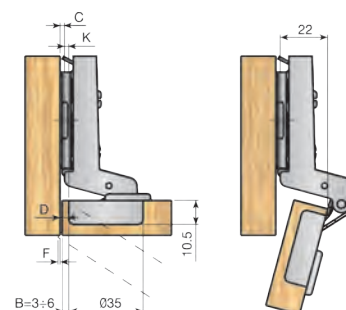
Calculation of the height of the plate
 $C = B + K - D$
 $K = \text{Constant} = 5\text{mm}$



Full inset*



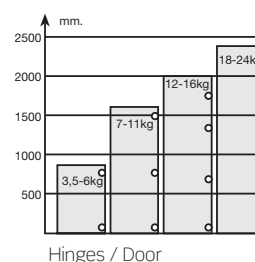
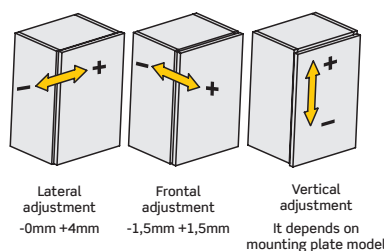
Calculation of the height of the plate
 $C = B + K + D$
 $K = \text{Constant} = -2\text{mm}$



* The position to fix the base has to be moved back a distance equal to the door thickness + 1mm

Lateral door displacement (F).

mm	Door thickness								
B	16	17	18	19	20	21	22	23	24
3	0,6	0,8	1,1	1,5	2	2,6	3,3	4	4,9
4	0,6	0,8	1,1	1,4	1,8	2,4	3	3,7	4,5
5	0,6	0,8	1	1,4	1,7	2,2	2,7	3,4	4,1
6	0,5	0,7	1	1,3	1,7	2,1	2,6	3,2	3,8

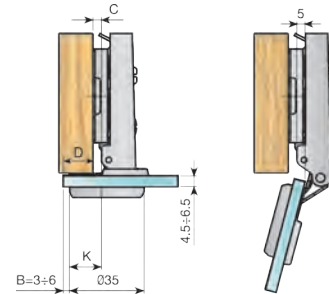


MESUCO 143 RAPID Opening 110° Glass door hinge

Full overlay



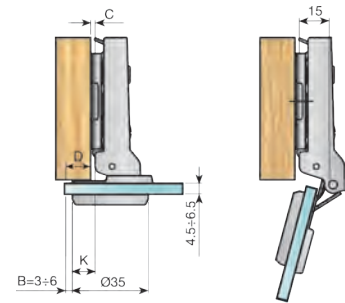
Calculation of the height of the plate
 $C = B + K - D$
 $K = \text{Constant} = 14,5\text{mm}$



Partial Overlay



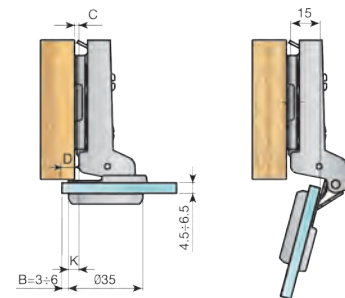
Calculation of the height of the plate
 $C = B + K - D$
 $K = \text{Constant} = 10\text{mm}$



Half overlay



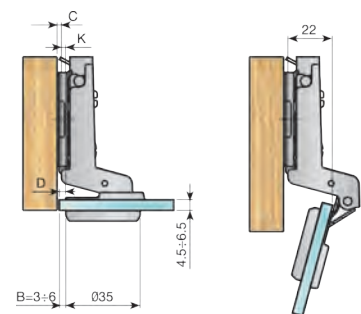
Calculation of the height of the plate
 $C = B + K - D$
 $K = \text{Constant} = 5\text{mm}$



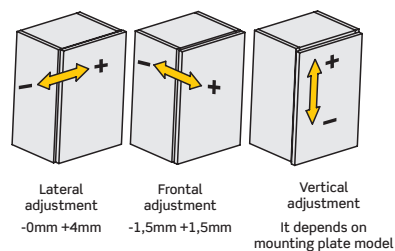
Full inset*



Calculation of the height of the plate
 $C = B + K + D$
 $K = \text{Constant} = -2\text{mm}$



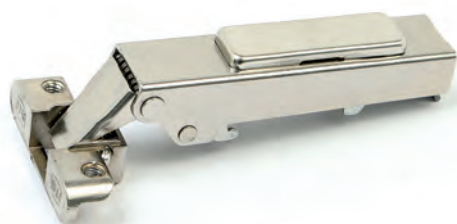
* The position to fix the base has to be moved back a distance equal to the door thickness + 1mm



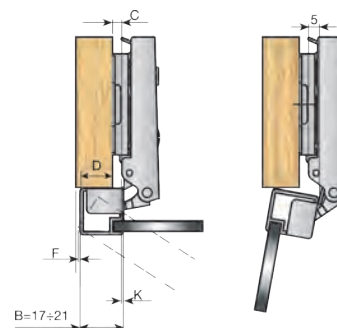
mm.	3,5-6kg	7-11kg	12-16kg	18-24kg
2500				
2000				
1500				
1000				
500				
	Hinges / Door			

■ **MESUCO 143 RAPID** Opening 110° for aluminium frames

Full overlay



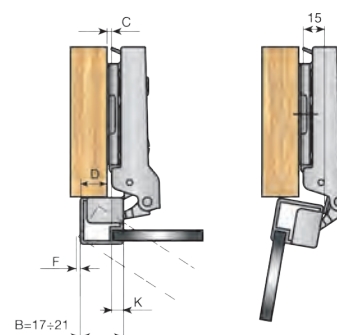
Calculation of the height of the plate
 $C = B + K - D$
 $K = \text{Constant} = 1\text{mm}$



Partial Overlay



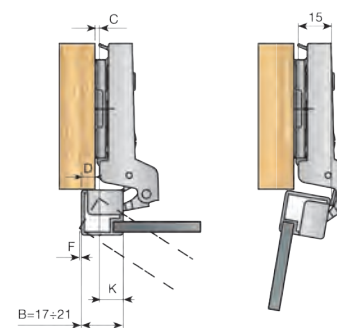
Calculation of the height of the plate
 $C = B + K - D$
 $K = \text{Constant} = 6\text{mm}$



Half overlay



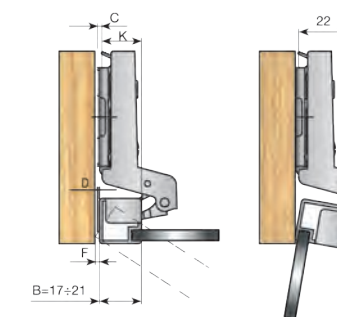
Calculation of the height of the plate
 $C = B + K - D$
 $K = \text{Constant} = 11\text{mm}$



*Full inset**



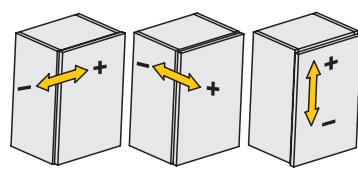
Calculation of the height of the plate
 $C = B + D + K$
 $K = \text{Constant} = 18\text{mm}$



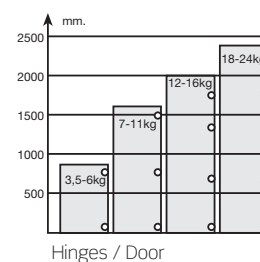
* The position to fix the base has to be moved back a distance equal to the door thickness + 1mm

Lateral door displacement (F).

mm	Door thickness								
B	16	17	18	19	20	21	22	23	24
17	0,6	0,8	1,1	1,5	2,2	2,9	3,8	4,7	5,6
18	0,5	0,8	1,1	1,4	1,9	2,6	3,3	4,2	5
19	0,5	0,7	1	1,3	1,8	2,3	3	3,7	4,6
20	0,5	0,7	1	1,3	1,7	2,1	2,7	3,4	4,1
21	0,5	0,7	0,9	1,2	1,6	2	2,5	3,1	3,8



Lateral adjustment -0mm +4mm
 Frontal adjustment -1,5mm +1,5mm
 Vertical adjustment It depends on mounting plate model

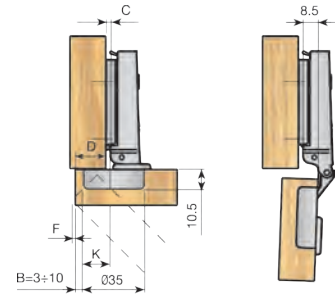


MESUCO 143 RAPID Opening 95° large displacement

Full overlay



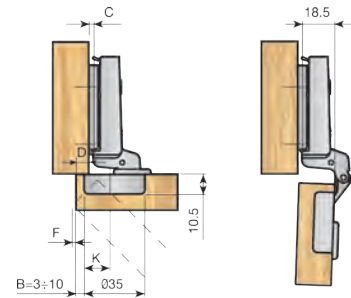
Calculation of the height of the plate
 $C = B + K - D$
 K = Constant = 15mm



Half overlay



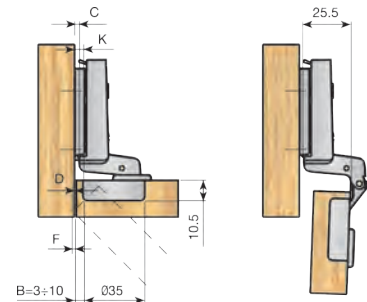
Calculation of the height of the plate
 $C = B + K - D$
 K = Constant = 5mm



Full inset*



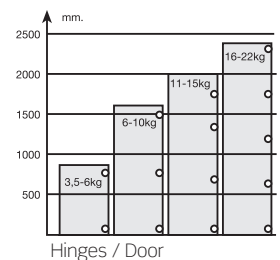
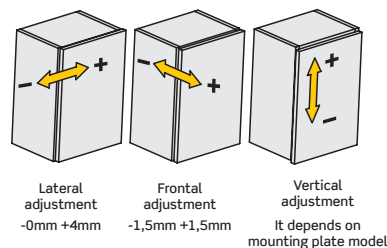
Calculation of the height of the plate
 $C = B + K + D$
 K = Constant = -2mm



* The position to fix the base has to be moved back a distance equal to the door thickness + 1mm

Lateral door displacement (F).

mm	Door thickness								
B	16	18	20	22	25	28	30	32	35
3	0,1	0,3	0,6	0,9	1,5	2,8	4,7	6,6	9,5
4	0,1	0,3	0,6	0,9	1,5	2,3	4	5,9	8,8
5	0,1	0,3	0,6	0,9	1,5	2,2	3,4	5,2	8
6	0,1	0,3	0,6	0,9	1,4	2,2	2,9	4,7	7,4
8	0,1	0,3	0,5	0,8	1,4	2,1	2,7	3,6	6,2
10	0,1	0,3	0,5	0,8	1,3	2	2,6	3,3	5,2

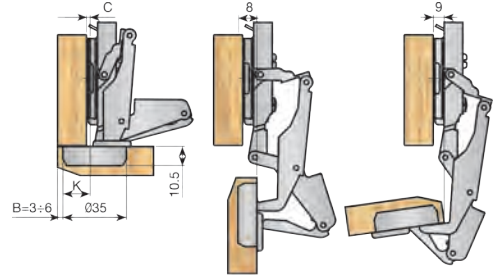


■ **MESUCO 143 RAPID Opening 172°**

Full overlay



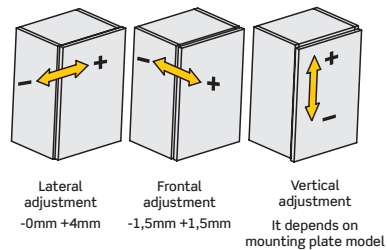
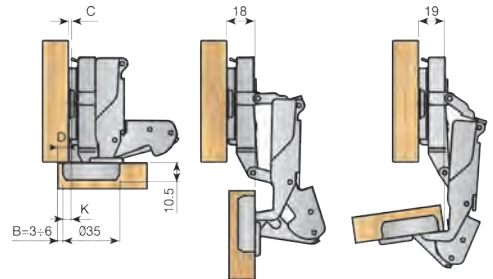
Calculation of the height of the plate
 $C = B + K - D$
 $K = \text{Constant} = 13,5\text{mm}$



Half overlay



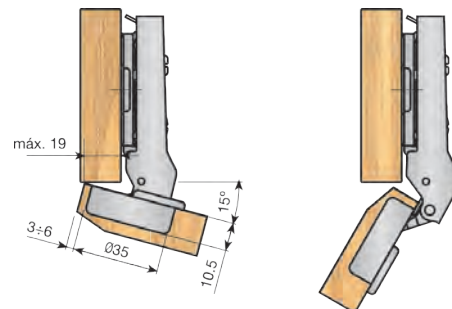
Calculation of the height of the plate
 $C = B + K - D$
 $K = \text{Constant} = 5\text{mm}$



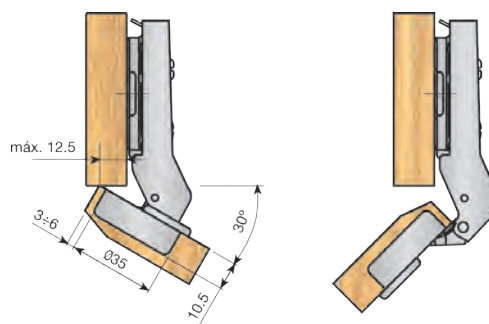
mm.	
2500	18-24kg
2000	7-11kg
1500	3,5-6kg
1000	
500	

Hinges / Door

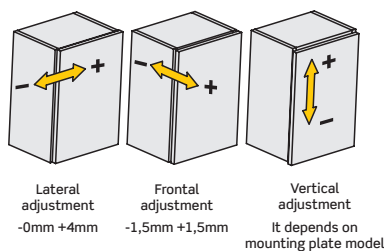
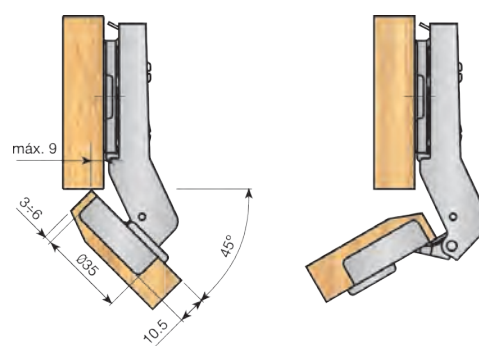
MESUCO 143 RAPID Opening 15° ÷ 125°



MESUCO 143 RAPID Opening 30° ÷ 140°



MESUCO 143 RAPID Opening 45° ÷ 155°



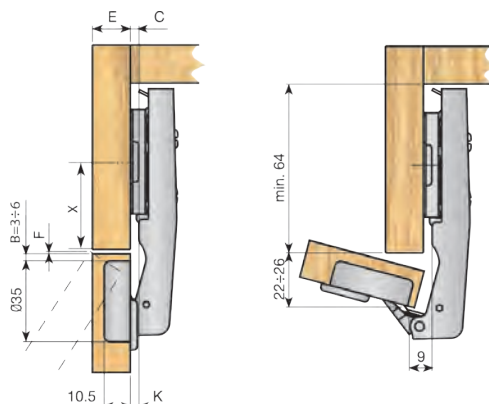
mm.	
2500	18-24kg
2000	12-16kg
1500	7-11kg
1000	3.5-6kg
500	
Hinges / Door	

■ **MESUCO 143 RAPID** Opening 90° ÷ 200°

Full overlay



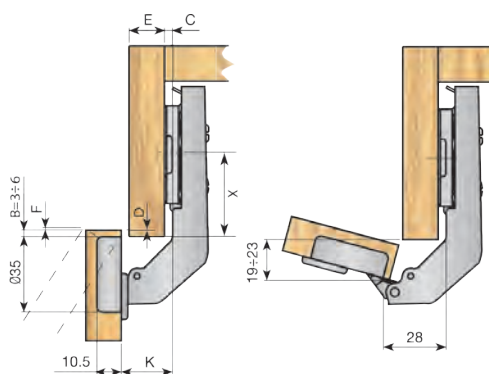
Calculation of the height of the plate
 $X = 43 - B - F$
 $K = \text{Constant} = 2\text{mm}$



Half overlay

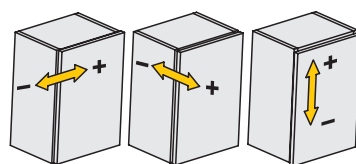


Calculation of the height of the plate
 $X = 39 - B + D$
 $K = \text{Constant} = 2\text{mm}$

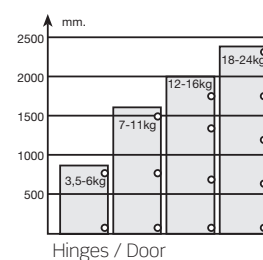


Lateral door displacement (F).

mm	Door thickness									
B	16	17	18	19	20	21	22	23	24	
3	0,6	0,8	1,1	1,5	2	2,6	3,3	4	4,9	
4	0,6	0,8	1,1	1,4	1,8	2,4	3	3,7	4,5	
5	0,3	0,8	1	1,4	1,7	2,2	2,7	3,4	4,1	
6	0,5	0,7	1	1,3	1,7	2,1	2,6	3,2	3,8	



Lateral adjustment -0mm +4mm
 Frontal adjustment -1,5mm +1,5mm
 Vertical adjustment
 It depends on mounting plate model



■ MESUCO 143 RAPID Opening -45° ÷ 65°

Full overlay



K = Constant = 2mm

