INDAUX
FURNITURE FITTINGS MANUFACTURER

HINGE FOR HEAVY-DUTY USE.
MINIMUM DRILLING DEPTH: 10.5 MM.

"MESUCO 14"

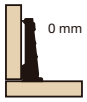
Ø35 CUP HINGE. "SLIDE ON" ASSEMBLY
HEAVY-DUTY.

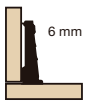
"MESUCO 14"

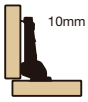
Ø35 CUP HINGE. "SLIDE-ON" ASSEMBLY

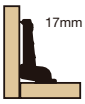
HINGE FOR HEAVY-DUTY USE.
MINIMUM DRILLING DEPTH: 10.5 MM.

1 HINGE GROUP



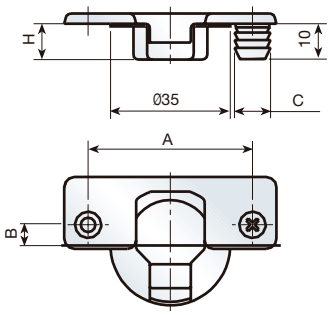




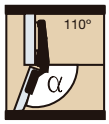
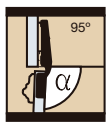
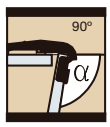


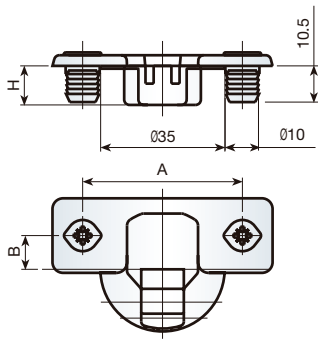
988.715.066*

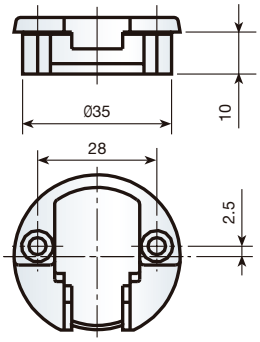
* SUPPLIED TO ORDER

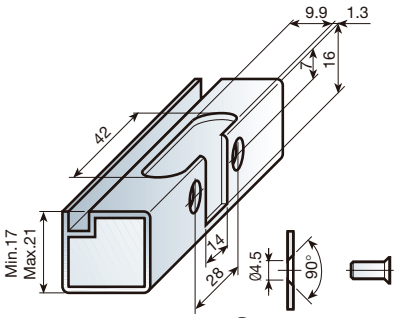


α = OPENING ANGLE
H = CUP DEPTH (MM.)

			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
	α = 0° ÷ 110° H = 10.5	0 MM.	030.040.124	030.041.126	030.060.925	030.069.922	030.070.924	030.071.926
		6 MM.	037.140.121	037.141.123	037.160.922	037.169.926	037.170.921	037.171.923
		10 MM.	031.040.122	031.041.124	031.060.923	031.069.920	031.070.922	031.071.924
		17 MM.	032.140.124	032.141.126	032.160.925	032.169.922	032.170.924	032.171.926
	LARGE DISPLACEMENT α = 0° ÷ 95° H = 12.5	0 MM.	030.020.012	030.021.014	030.060.015	030.069.012	030.070.014	030.071.016
		10 MM.	031.020.010	031.021.012	031.060.013	031.069.010	031.070.012	031.071.014
		17 MM.	032.120.012	032.121.014	032.160.015	032.169.012	032.170.014	032.171.016
	α = 0° ÷ 172° H = 10.5	0 MM.	030.020.045	030.021.040	030.060.041	030.069.045	030.070.040	030.071.042
		10 MM.	031.020.043	031.021.045	031.060.046	031.069.043	031.070.045	031.071.040
	α = 45° ÷ 155° H = 10.5	0 MM.	034.020.125	034.021.120	034.060.121	034.069.125	034.070.120	034.071.122
	α = 90° ÷ 200° H = 10.5	0 MM.	033.020.120	033.021.122	033.060.123	033.069.120	033.070.122	033.071.124
		10 MM.	036.120.125	036.121.120	036.160.121	036.169.125	036.170.120	036.171.122



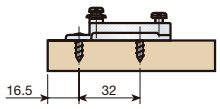
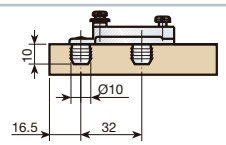
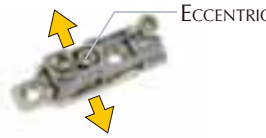
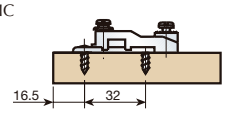
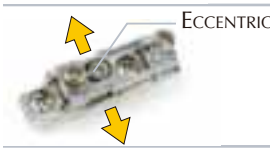
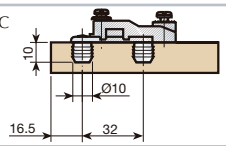
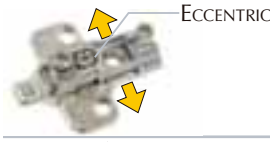
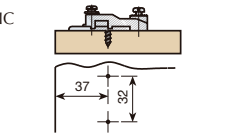
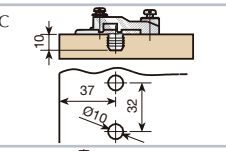
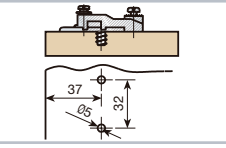
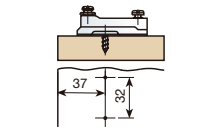
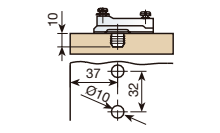
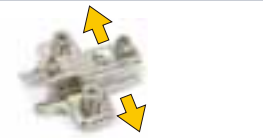
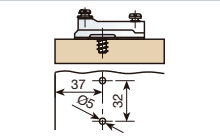
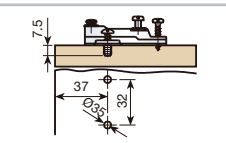
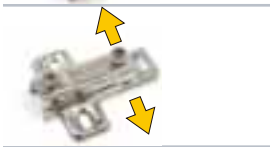
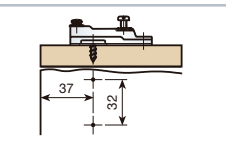
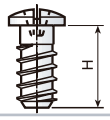




CLAMPING SCREW
REF: 951.610.063

NICKEL			NICKEL	NICKEL
A:48 , B:6	**A:45 , B:9.5**	**A:52 , B:5.5**	GLASS DOOR HINGE Ø35	HINGE FOR ALUMINIUM FRAMES
EXPAND	EXPAND	EXPAND		
030.043.123	030.063.924	030.073.923	030.030.022	390.848.732
037.143.120	037.163.921	037.173.920	037.130.026	390.855.894
031.043.121	031.063.922	031.073.921	031.030.020	390.855.452
032.143.123	032.163.924	032.173.923	032.130.022	390.855.566
030.023.044	030.063.040	030.073.046		
031.023.042	031.063.045	031.073.044		
034.023.124	034.063.120	034.073.126		
033.023.126	033.063.122	033.073.121		
036.123.124	036.163.120	036.173.126		

2 MOUNTING PLATES

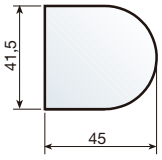
HEIGHT OF THE PLATE IN MM.			0	2	4	7
 	SCREW-FIXED	NICKEL-PLATED ZAMAK		082.000.111		
 	KNOCK-IN	NICKEL-PLATED ZAMAK		082.100.115		
 	SCREW-FIXED	NICKEL-PLATED ZAMAK	082.001.010	082.001.113	082.001.216	
 	KNOCK-IN	NICKEL-PLATED ZAMAK	082.101.014	082.101.110	082.101.213	
 	SCREW-FIXED	NICKEL-PLATED ZAMAK	082.201.011	082.201.114		082.201.313
 	KNOCK-IN	NICKEL-PLATED ZAMAK	082.301.015	082.301.111		082.301.310
 	PRE-MOUNTED EUROSCREW	NICKEL-PLATED ZAMAK	082.601.013	082.601.116		082.601.315
 	SCREW-FIXED	NICKEL-PLATED STEEL	082.203.026	082.203.122		
 	KNOCK-IN	NICKEL-PLATED STEEL	082.303.023	082.303.126		
 	PRE-MOUNTED EUROSCREW	NICKEL-PLATED STEEL	082.603.021	082.603.124		
 	SCREW-FIXED (WITH CENTERER)	NICKEL-PLATED STEEL		082.553.122	082.553.225	
 	SCREW-FIXED	NICKEL-PLATED STEEL		082.253.124	082.253.220	
	EURO-SCREW H = 11 - REF.: 951.211.063 H = 13 - REF.: 951.213.060 (STANDARD)		3 ADJUSTMENTS			

3 COVERS

GLASS DOOR COVERS

Cover

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

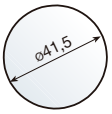


Adaptor

Nylon		351.710.004

Cover

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



Adaptor

Nylon		351.910.005

O-ring

Nylon	White	351.110.001
Nylon	Browin	351.111.003
Nylon	Black	351.112.005

HINGE ARM COVER

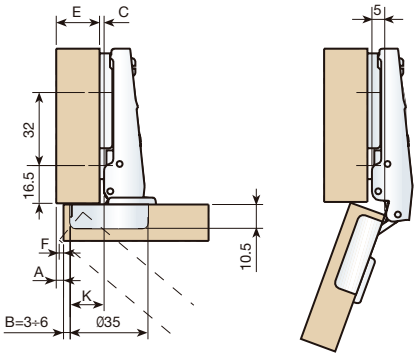
Nylon	White	302.020.003
Nylon	Brown	302.020.014
Nylon	Black	302.020.025

4 TECHNICAL DATA

"MESUCO 14": OPENING 110º

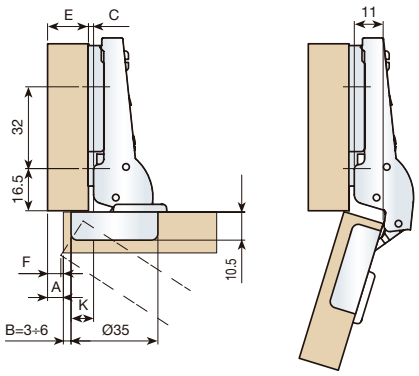
Full overlay

CALCULATION OF THE HEIGHT OF THE PLATE
K = 15
B = 3
A = 2
E = 16
C ?
C = K+A+B-E
C = 15+2+3-16
C = 4MM
K = CONSTANT = 15MM



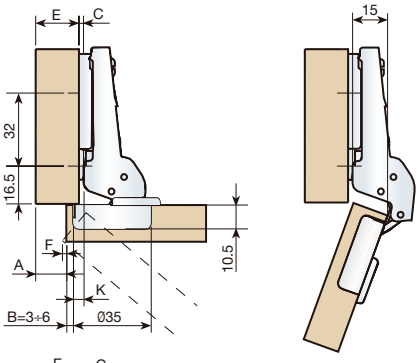
Partial overlay

CALCULATION OF THE HEIGHT OF THE PLATE
K = 9
A = 5
B = 4
E = 16
C ?
C = K+A+B-E
C = 9+5+4-16
C = 2MM
K = CONSTANT = 9MM



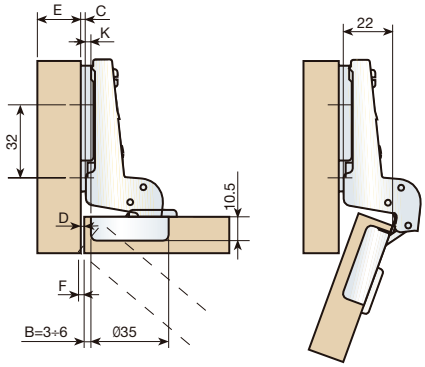
Half overlay

CALCULATION OF THE HEIGHT OF THE PLATE
K = 5
B = 3
A = 10
E = 16
C ?
C = K+A+B-E
C = 5+10+3-16
C = 2MM
K = CONSTANT = 5MM



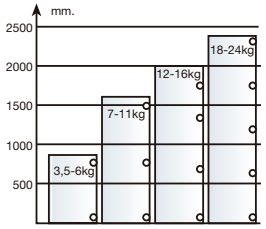
Full inset

CALCULATION OF THE HEIGHT OF THE PLATE
K = -2
B = 5
D = 1
C ?
C = D+B+K
C = 1+5-2
C = 4MM
K = CONSTANT = -2MM



LATERAL DOOR DISPLACEMENT (F).

MM	DOOR THICKNESS								
B	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**
3	0,9	1,2	1,6	2	2,5	3,1	3,8	4,5	5,3
4	0,8	1,1	1,5	1,9	2,4	2,9	3,5	4,2	4,9
5	0,8	1,1	1,4	1,8	2,3	2,8	3,3	3,9	4,6
6	0,7	1	1,4	1,7	2,2	2,6	3,1	3,7	4,4

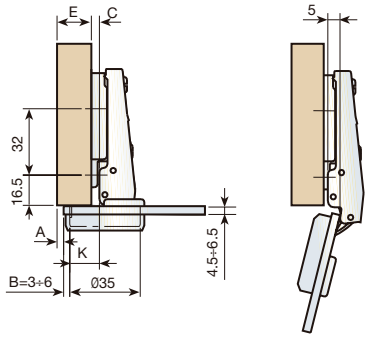


HINGES / DOOR

"MESUCO 14": OPENING 110º GLASS DOOR HINGE

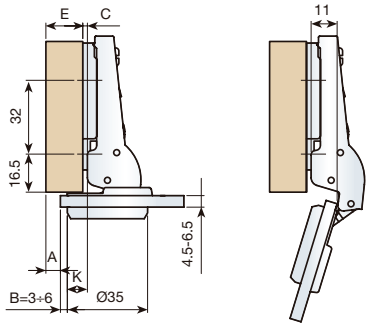
Full overlay

CALCULATION OF THE HEIGHT OF THE PLATE
K = 15
B = 3
A = 2
E = 16
C ?
C = K+A+B-E
C = 15+2+3-16
C = 4MM
K = CONSTANT = 15MM



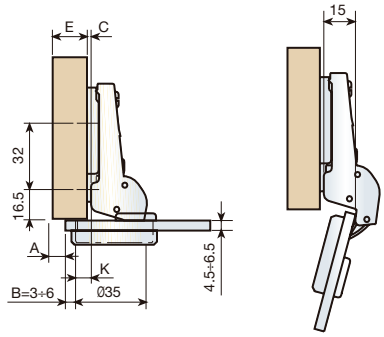
Partial overlay

CALCULATION OF THE HEIGHT OF THE PLATE
K = 9
B = 3
A = 6
E = 16
C ?
C = K+A+B-E
C = 9+5+4-16
C = 2MM
K = CONSTANT = 9MM



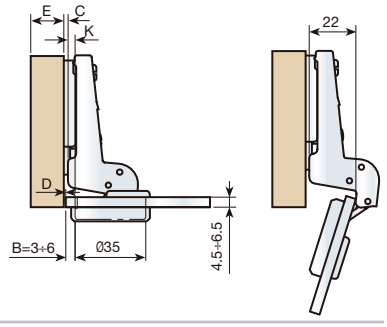
Half overlay

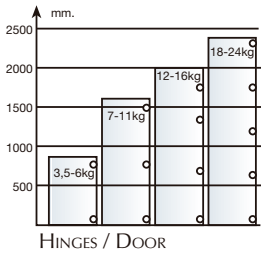
CALCULATION OF THE HEIGHT OF THE PLATE
K = 5
B = 3
A = 10
E = 16
C ?
C = K+A+B-E
C = 5+10+3-16
C = 2MM
K = CONSTANT = 5MM



Full inset

CALCULATION OF THE HEIGHT OF THE PLATE
K = -2
B = 3
D = 1
C ?
C = D+B+K
C = 1+3-2
C = 2MM
K = CONSTANT = -2MM



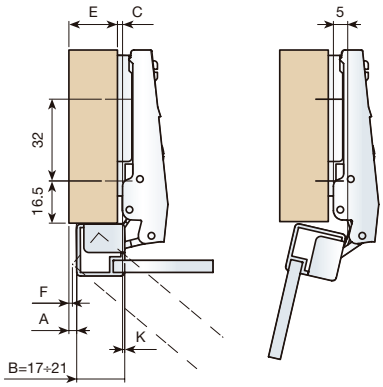


HINGES / DOOR

"MESUCO 14": OPENING 110º HINGE FOR ALUMINIUM FRAMES

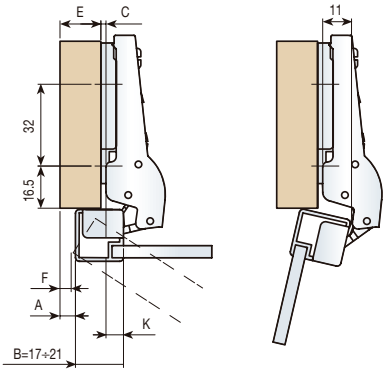
Full overlay

CALCULATION OF THE HEIGHT OF THE PLATE
K = 1
B = 19
A = 2
E = 16
C ?
C = A+B-E-K
C = 2+19-16-1
C = 4MM
K = CONSTANT = 1MM



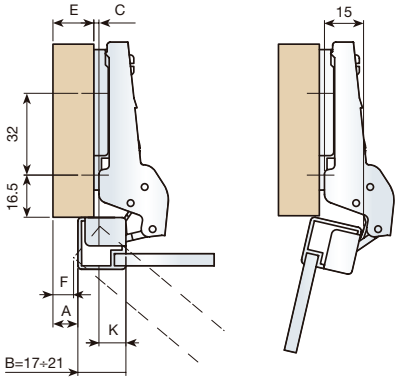
Partial overlay

CALCULATION OF THE HEIGHT OF THE PLATE
K = 7
B = 19
A = 8
E = 16
C ?
C = A+B-E-K
C = 8+19-16-7
C = 4MM
K = CONSTANT = 7MM



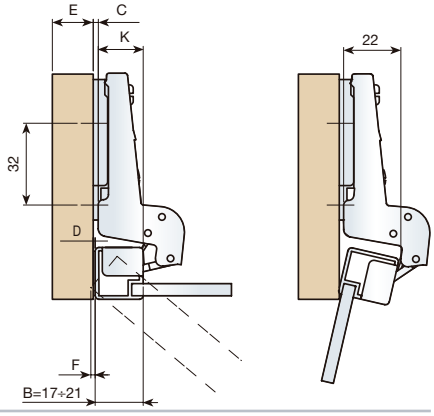
Half overlay

CALCULATION OF THE HEIGHT OF THE PLATE
K = 11
B = 20
A = 9
E = 16
C ?
C = K+A-E-K
C = 9+20-16-11
C = 2MM
K = CONSTANT = 11MM



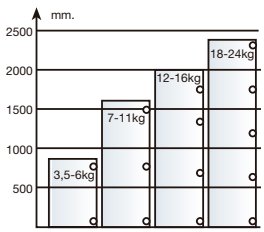
Full inset

CALCULATION OF THE HEIGHT OF THE PLATE
K = 18
B = 19
D = 1
C ?
C = D+B-K
C = 1+19-18
C = 4MM
K = CONSTANT = 18MM



LATERAL DOOR DISPLACEMENT (F).

MM	DOOR THICKNESS								
B	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**
17	1,1	1,5	1,9	2,4	3	3,7	4,5	5,3	6,2
18	1,1	1,4	1,8	2,3	2,8	3,4	4,1	4,9	5,7
19	1	1,4	1,7	2,1	2,6	3,2	3,8	4,5	5,3
20	1	1,3	1,6	2	2,5	3	3,6	4,2	5
21	0,9	1,2	1,6	2	2,4	2,9	3,4	4	4,7

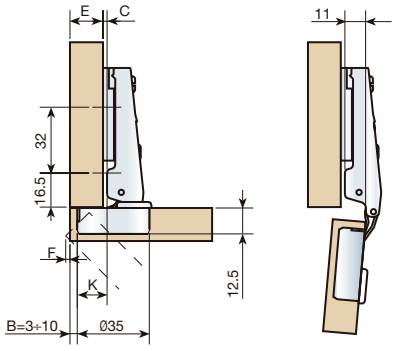


HINGES / DOOR

"MESUCO 14": OPENING 95º LARGE DISPLACEMENT

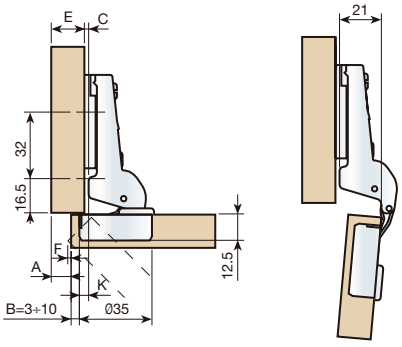
Full overlay

CALCULATION OF THE HEIGHT OF THE PLATE
K = 15
B = 3
A = 0
E = 16
C ?
C = K+A+B-E
C = 15+0+3-16
C = 2MM
K = CONSTANT = 15MM



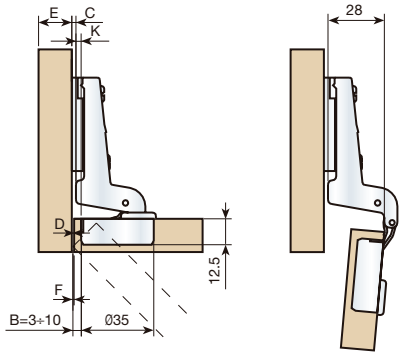
Half overlay

CALCULATION OF THE HEIGHT OF THE PLATE
K = 5
B = 4
A = 11
E = 16
C ?
C = A+B-E-K
C = 5+11+4-16
C = 4MM
K = CONSTANT = 5MM



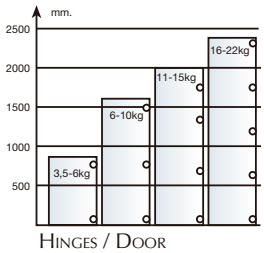
Full inset

CALCULATION OF THE HEIGHT OF THE PLATE
K = -2
B = 3
D = 1
C ?
C = D+B+K
C = 1+3-2
C = 2MM
K = CONSTANT = -2MM



LATERAL DOOR DISPLACEMENT (F).

MM	DOOR THICKNESS								
B	16	18	20	22	25	28	30	32	35
3	0	0	1,2	0,4	0,9	1,5	3	4,5	6,4
4	0	0	1,15	0,35	0,85	1,45	2,5	4,5	5,8
5	0	0	0,1	0,3	0,8	1,4	2	4,2	5,2
6	0	0	0,1	0,25	0,75	1,35	1,9	4	5,1
8	0	0	0	0,2	0,7	1,3	1,8	3,8	5
10	0	0	0	0,2	0,7	1,3	1,8	3,6	5

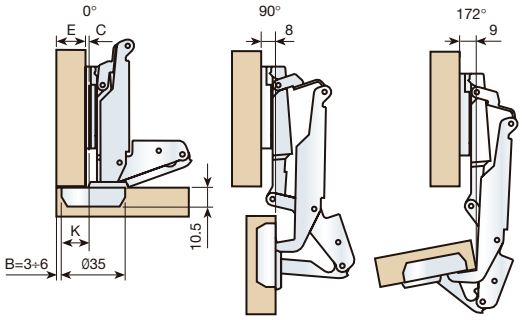


HINGES / DOOR

"MESUCO 14": OPENING 172°

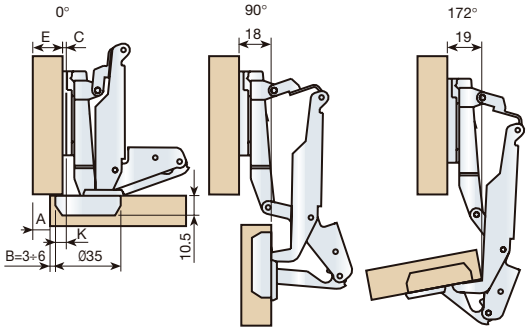
Full overlay

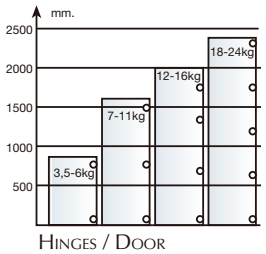
CALCULATION OF THE HEIGHT OF THE PLATE
K = 15
A = 0
A = 3
E = 16
C ?
C = K+A+B-E
C = 15+0+3-16
C = 2MM
K = CONSTANT = 15MM



Half overlay

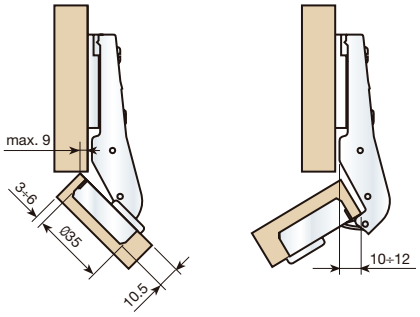
CALCULATION OF THE HEIGHT OF THE PLATE
K = 5
A = 9
B = 4
E = 16
C ?
C = K+A+B-E
C = 5+9+4-16
C = 2MM
K = CONSTANT = 5MM





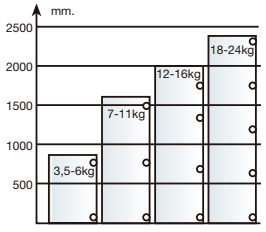
HINGES / DOOR

"MESUCO 14": OPENING 45° ÷ 155



LATERAL DOOR DISPLACEMENT (F).

MM	DOOR THICKNESS								
B	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**
3	0,9	1,2	1,6	2	2,5	3,1	3,8	4,5	5,3
4	0,8	1,1	1,5	1,9	2,4	2,9	3,5	4,2	4,9
5	0,8	1,1	1,4	1,8	2,3	2,8	3,3	3,9	4,6
6	0,7	1	1,4	1,7	2,2	2,6	3,1	3,7	4,4

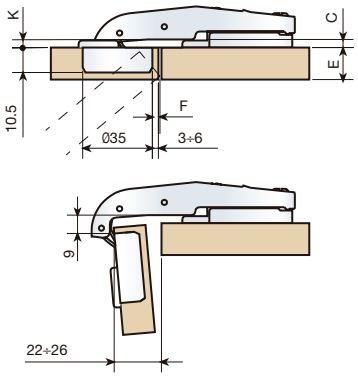


HINGES / DOOR

"MESUCO 14": OPENING 90° ÷ 200°

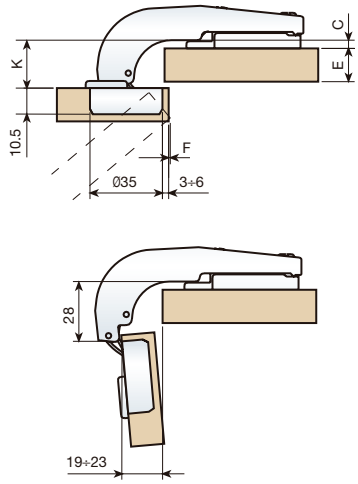
Full overlay

K = CONSTANT = 2MM



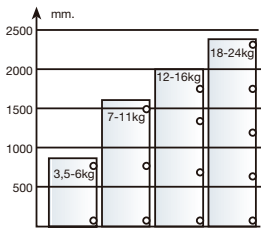
Half overlay

K = CONSTANT = 21,5MM



LATERAL DOOR DISPLACEMENT (F).

MM	DOOR THICKNESS								
B	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**
3	0,9	1,2	1,6	2	2,5	3,1	3,8	4,5	5,3
4	0,8	1,1	1,5	1,9	2,4	2,9	3,5	4,2	4,9
5	0,8	1,1	1,4	1,8	2,3	2,8	3,3	3,9	4,6
6	0,7	1	1,4	1,7	2,2	2,6	3,1	3,7	4,4



HINGES / DOOR