



WIDE RANGE OF SOLUTIONS: BEDROOMS.
ATTRACTIVE DESIGN.
DRILLING DEPTH: 10.5 MM.


















“MESUCO 121”

“SLIDE ON” HINGE - Ø35 CUP.
WIDE RANGE OF SOLUTIONS.

"MESUCO 121"

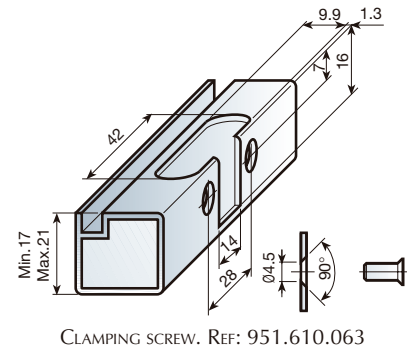
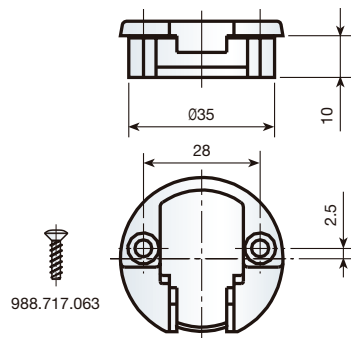
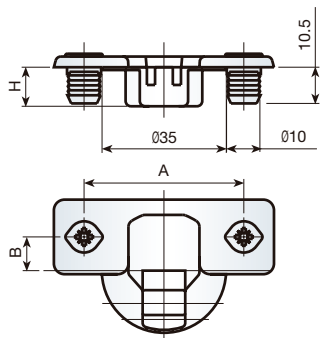
Ø35 CUP HINGE. "SLIDE-ON" ASSEMBLY

WIDE RANGE OF SOLUTIONS: BEDROOMS.
ATTRACTIVE DESIGN.
DRILLING DEPTH: 10.5 MM.

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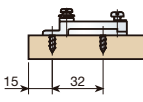


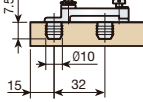




1 HINGE GROUP

		0 mm		10mm		17mm							
		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 = OPENING ANGLE	H = CUP DEPTH (MM.)												
	$\alpha = 0^\circ \div 100^\circ$ H = 10.5	0 MM.	020.020.173	020.021.175	020.060.176	020.069.173	020.070.175	020.071.170					
		10 MM.	021.020.171	021.021.173	021.060.174	021.069.171	021.070.173	021.071.175					
		17 MM.	022.020.176	022.021.171	022.060.172	022.069.176	022.070.171	022.071.173					
	$\alpha = 0^\circ \div 172^\circ$ H = 10.5	0 MM.	020.020.044	020.021.046	020.060.040	020.069.044	020.070.046	020.071.041					
		10 MM.	021.020.042	021.021.044	021.060.045	021.069.042	021.070.044	021.071.046					
	H = 12.5 $\alpha = 15^\circ \div 115^\circ$ $\alpha = 30^\circ \div 130^\circ$ H = 10.5 $\alpha = 45^\circ \div 145^\circ$	0 MM.	028.120.116	028.121.111	028.160.112	028.169.116	028.170.111	028.171.113					
		0 MM.	029.120.114	029.121.116	029.160.110	029.169.114	029.170.116	029.171.111					
		0 MM.	024.120.176	024.121.171	024.160.172	024.169.176	024.170.171	024.171.173					
	$\alpha = -45^\circ \div 55^\circ$ H = 10.5	0 MM.	025.120.174	025.121.176	025.160.170	025.169.174	025.170.176	025.171.171					
	$\alpha = 90^\circ \div 190^\circ$ H = 10.5 H = 12.5	0 MM.	023.120.171	023.121.173	023.160.174	023.169.171	023.170.173	023.171.175					
		10 MM.	026.120.113	026.121.115	026.160.116	026.169.113	026.170.115	026.171.110					
	LARGE DISPLACEMENT $\alpha = 0^\circ \div 95^\circ$ H = 10.5	0 MM.	020.020.162	020.021.164	020.060.166	020.069.162	020.070.164	020.071.166					
		10 MM.	021.020.160	021.021.162	021.060.163	021.069.160	021.070.162	021.071.164					
		17 MM.	022.020.165	022.021.160	022.060.161	022.069.165	022.070.160	022.071.162					
	LARGE DISPLACEMENT H = 12.5 $\alpha = 15^\circ \div 110^\circ$ $\alpha = 30^\circ \div 125^\circ$ H = 10.5 $\alpha = 45^\circ \div 140^\circ$	0 MM.	028.120.061	028.121.063	028.160.064	028.169.061	028.170.063	028.171.065					
		0 MM.	029.120.066	029.121.061	029.160.062	029.169.066	029.170.061	029.171.063					
		0 MM.	024.120.165	024.121.160	024.160.161	024.169.165	024.170.160	024.171.162					
	LARGE DISPLACEMENT $\alpha = 90^\circ \div 185^\circ$ H = 10.5 H = 12.5	0 MM.	023.120.160	023.121.162	023.160.163	023.169.160	023.170.162	023.171.164					
		10 MM.	026.120.065	026.121.060	026.160.061	026.169.065	026.170.060	026.171.062					
	LARGE DISPLACEMENT $\alpha = -45^\circ \div 50^\circ$ H = 10.5	0 MM.	025.120.163	025.121.165	025.160.166	025.169.163	025.170.165	025.171.160					



NICKEL			NICKEL	NICKEL
A:48 , B:6	A:48 , B:6	A:52 , B:5.5	GLASS DOOR HINGE Ø35	HINGE FOR ALUMINIUM FRAMES
EXPAND	EXPAND	EXPAND		
020.023.172	020.063.175	020.073.174	020.030.010	390.852.232
021.023.170	021.063.173	021.073.172	021.030.015	390.855.345
022.023.175	022.063.171	022.073.170	022.030.013	390.852.346
020.023.043	020.063.046	020.073.045		
021.023.041	021.063.044	021.073.043		
028.123.115	028.163.111	028.173.110		
029.123.113	029.163.116	029.173.115		
024.123.175	024.163.171	024.173.170		
025.123.173	025.163.176	025.173.175		
023.123.170	023.163.173	023.173.172		
026.123.112	026.163.115	026.173.114		
020.020.162	020.063.164	020.073.163		
021.020.160	021.063.162	021.073.161		
022.020.165	022.063.160	022.073.166		
024.123.164	024.163.160	024.173.166		
023.123.166	023.163.162	023.173.161		
025.123.162	025.163.165	025.173.164		

2 MOUNTING PLATES

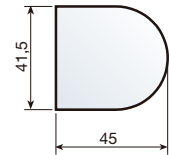
HEIGHT MM.			0	2	4	7	10
		SCREW-FIXED NICKEL-PLATED ZAMAK	081.000.006	081.000.102			
		KNOCK-IN NICKEL-PLATED ZAMAK	081.100.003	081.100.106			
		KNOCK-IN NYLON WHITE BROWN BLACK	081.800.036 081.800.040 081.800.051	081.800.132 081.800.143 081.800.154	081.800.235 081.800.246 081.800.250	081.800.331 081.800.342 081.800.353	081.800.434 081.800.445 081.800.456
		SCREW-FIXED NICKEL-PLATED STEEL NICKEL-PLATED ZAMAK	081.203.021	081.203.124	081.203.220	081.203.312	081.203.415
		KNOCK-IN NICKEL-PLATED STEEL NICKEL-PLATED ZAMAK	081.303.025	081.303.121	081.303.224	081.303.316	081.303.412
		SCREW-FIXED (WITH CENTERER) NICKEL-PLATED STEEL NICKEL-PLATED ZAMAK	081.503.026	081.503.122	081.503.225	081.503.310	081.503.413
		KNOCK-IN (WITH CENTERER) NICKEL-PLATED STEEL NICKEL-PLATED ZAMAK	081.803.024	081.803.120	081.803.223	081.803.315	081.803.411
		PRE-MOUNTED EUROSREW NICKEL-PLATED STEEL NICKEL-PLATED ZAMAK	081.603.023	081.603.126	081.603.222	081.603.314	081.803.410
5° AND 10° SPACER WEDGE FOR WING PLATE			5°	10°		H=11	H=13
		WHITE BROWN BLACK	352.905.000 352.905.011 352.905.022	352.910.003 352.910.014 352.910.025		951.211.063	951.213.060 (STANDARD)

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
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COVER

NYLON	SILVER-POLISH	351.900.220
NYLON	GOLD-POLISH	351.900.231
NYLON	BLACK	351.900.253



ADAPTOR

NYLON		351.910.005
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O-RING

NYLON	WHITE	351.110.001
NYLON	BROWN	351.111.003
NYLON	BLACK	351.112.005



HINGE ARM COVER

COVER

NYLON	BLACK	302.080.026
NYLON	WHITE	302.080.004
NYLON	BROWN	302.080.015
ZAMAK	NICKEL-PLATED	302.080.063



4 TECHNICAL DATA

"MESUCO 121": OPENING 100°

Full overlay

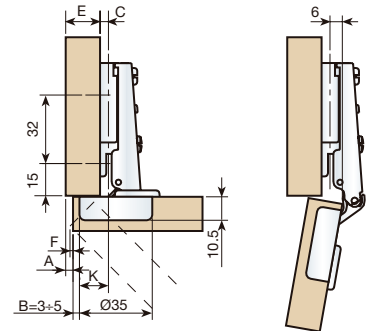


CALCULATION OF THE HEIGHT OF THE PLATE

K = 13
B = 3
A = 4
E = 16
C ?

$C = K + A + B - E$
 $C = 13 + 4 + 3 - 16$
C = 4MM

K = CONSTANT = 13MM



Half overlay

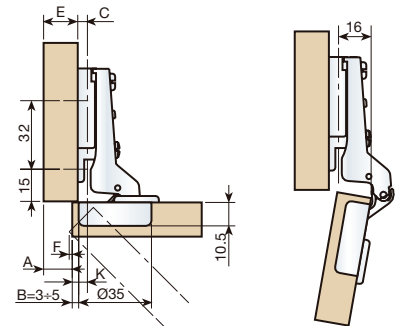


CALCULATION OF THE HEIGHT OF THE PLATE

K = 3
B = 5
A = 10
E = 16
C ?

$C = K + A + B - E$
 $C = 3 + 10 + 5 - 16$
C = 2MM

K = CONSTANT = 3MM



Half overlay

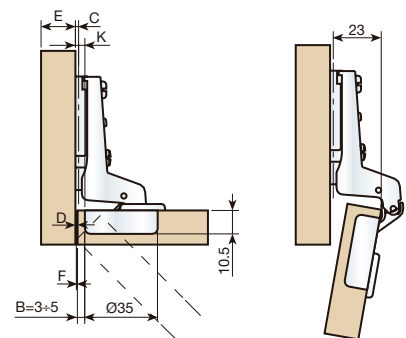


CALCULATION OF THE HEIGHT OF THE PLATE

K = -4
B = 5
D = 1
C ?

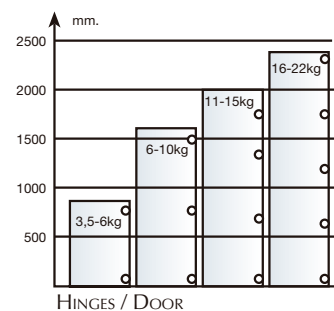
$C = D + B + K$
 $C = 1 + 5 - 4$
C = 2MM

K = CONSTANT = -4MM



LATERAL DOOR DISPLACEMENT (F).

MM	DOOR THICKNESS									
	B	16	17	18	19	20	21	22	23	24
3	0.2	0.35	0.5	0.8	1.1	1.7	2.3	3	3.6	
4	0.2	0.35	0.45	0.75	1	1.55	2.1	2.8	3.5	
5	0.2	0.30	0.40	0.7	0.90	1.30	1.7	2.4	3.2	

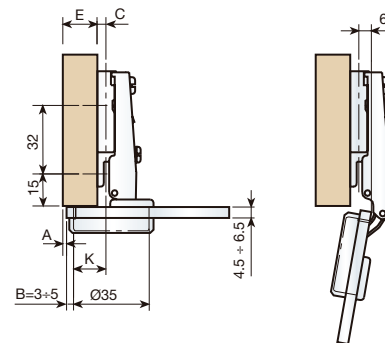


■ "Mesuco 121": OPENING 100° GLASS DOOR HINGE

Full overlay



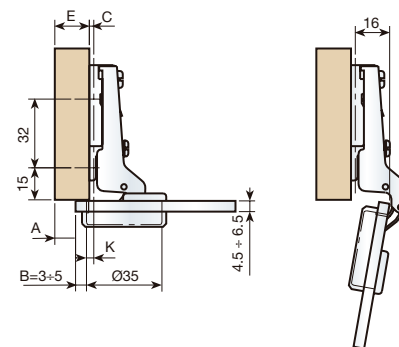
CALCULATION OF THE HEIGHT OF THE PLATE	
K =	13
B =	3
A =	4
E =	16
C = ?	
C = K+A+B-E	
C = 13+4+3-16	
C = 4MM	
K = CONSTANT =	13MM



Half overlay



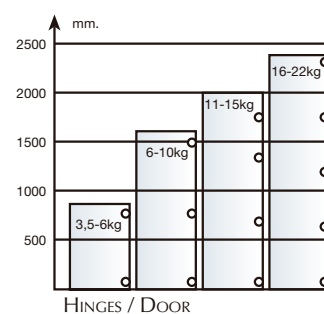
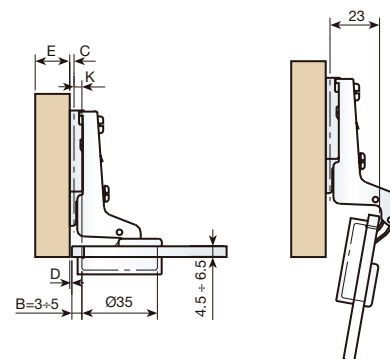
CALCULATION OF THE HEIGHT OF THE PLATE	
K =	3
B =	5
A =	10
E =	16
C = ?	
C = K+A+B-E	
C = 3+10+5-16	
C = 2MM	
K = CONSTANT =	3MM



Full inset



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



■ "MESUCO 121": OPENING 100° HINGE FOR ALUMINIUM FRAMES

Full overlay

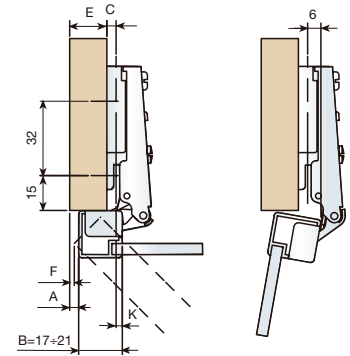


CALCULATION OF THE HEIGHT OF THE PLATE

K = 3
B = 19
A = 2
E = 16
C ?

$C = A+B-E-K$
 $C = 2+19-16-3$
C = 2MM

K = CONSTANT = 3MM



Half overlay

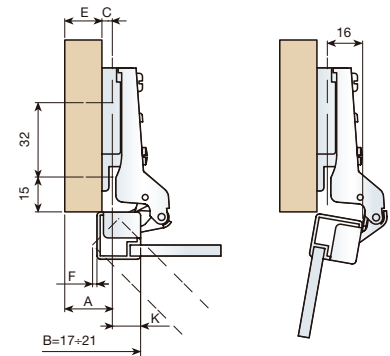


CALCULATION OF THE HEIGHT OF THE PLATE

K = 13
B = 19
A = 12
E = 16
C ?

$C = A+B-E-K$
 $C = 12+19-16-13$
C = 2MM

K = CONSTANT = 13MM



Full inset

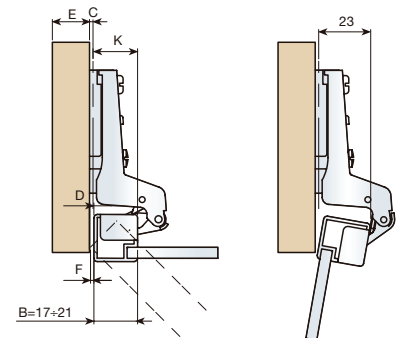


CALCULATION OF THE HEIGHT OF THE PLATE

K = 20
B = 21
D = 1
C ?

$C = D+B-K$
 $C = 1+21-20$
C = 2MM

K = CONSTANT = 20MM



LATERAL DOOR DISPLACEMENT.

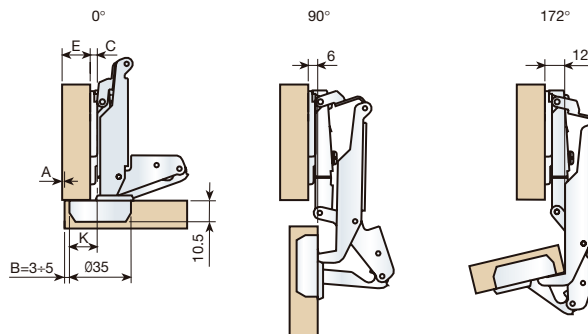
MM	DOOR THICKNESS								
B	16	17	18	19	20	21	22	23	24
17	0.2	0.3	0.5	0.9	1.7	2.6	3.6	4.5	5.4
18	0.2	0.3	0.5	0.8	1.3	2.1	3	3.9	4.8
19	0.2	0.3	0.5	0.7	1	1.7	2.5	3.3	4.2
20	0.2	0.3	0.5	0.7	1	1.4	2.1	2.9	3.7
21	0.2	0.3	0.4	0.7	0.9	1.2	1.8	2.5	3.3

■ "MESUCO 121": OPENING 172°

Full overlay



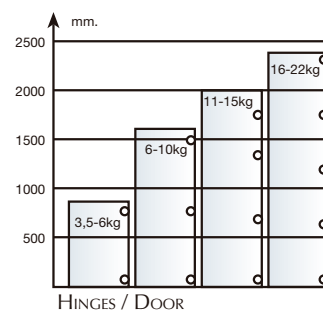
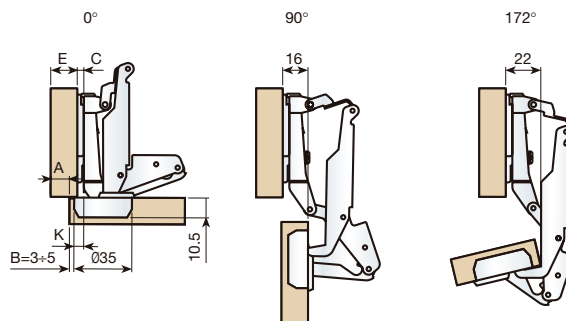
CALCULATION OF THE
HEIGHT OF THE PLATE
K = 13
A = 2
B = 3
E = 16
C ?
 $C = K + A + B - E$
 $C = 13 + 2 + 3 - 16$
 $C = 2\text{MM}$
K = CONSTANT = 13MM



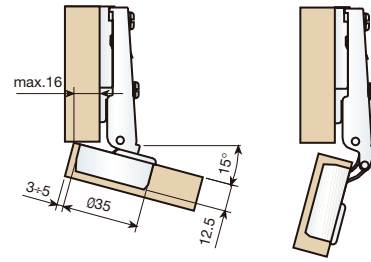
Half overlay



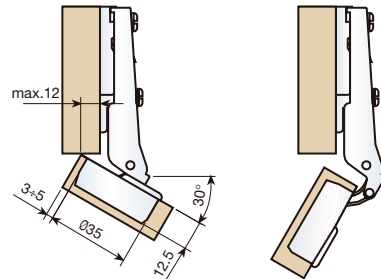
CALCULATION OF THE
HEIGHT OF THE PLATE
K = 3
B = 12
A = 3
E = 16
C ?
 $C = K + A + B - E$
 $C = 3 + 12 + 3 - 16$
 $C = 2\text{MM}$
K = CONSTANT = 3MM



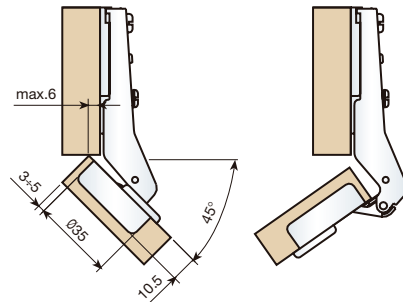
■ "MESUCO 121": OPENING 15° ÷ 115°



■ "MESUCO 121": OPENING 30° ÷ 130°

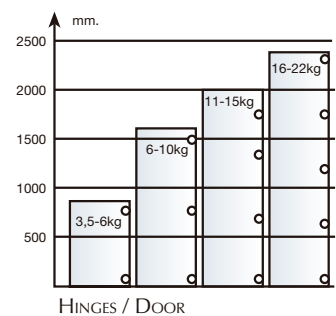


■ "MESUCO 121": OPENING 45° ÷ 145°



LATERAL DOOR DISPLACEMENT (F).

MM	DOOR THICKNESS									
	B	16	17	18	19	20	21	22	23	24
3	0.2	0.35	0.5	0.8	1.1	1.7	2.3	3	3	3.6
4	0.2	0.35	0.45	0.75	1	1.55	2.1	2.8	2.8	3.5
5	0.2	0.35	0.40	0.7	0.90	1.30	1.7	2.4	2.4	3.2

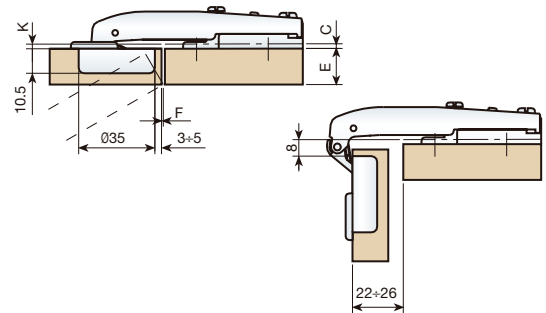


■ "MESUCO 121": OPENING 90° ÷ 190°

Full overlay



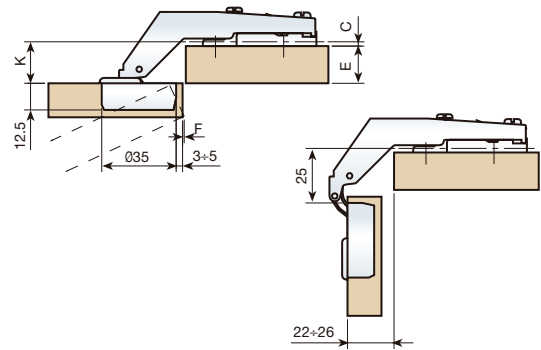
K = CONSTANT = 2MM



Half overlay

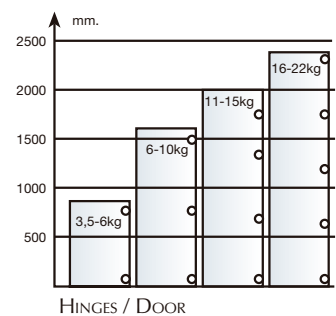


K = CONSTANT = 19,5MM

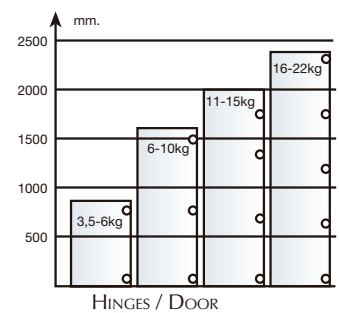
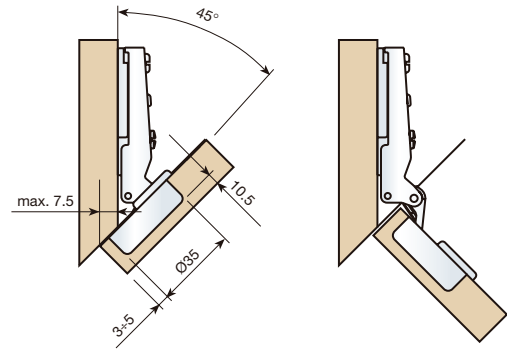


LATERAL DOOR DISPLACEMENT (F).

MM	DOOR THICKNESS									
	B	16	17	18	19	20	21	22	23	24
3	0.2	0.35	0.5	0.8	1.1	1.7	2.3	3	3.6	
4	0.2	0.35	0.45	0.75	1	1.55	2.1	2.8	3.5	
5	0.2	0.35	0.40	0.7	0.90	1.30	1.7	2.4	3.2	



■ "MESUCO 121": OPENING -45° ÷ 55°

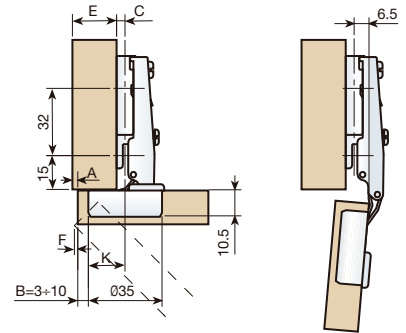


■ "MESUCO 121": OPENING 95° LARGE DISPLACEMENT

Full overlay



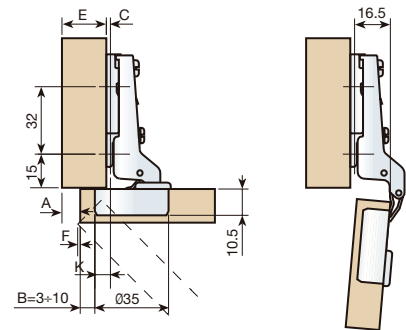
CALCULATION OF THE HEIGHT OF THE PLATE
 K = 17
 B = 6
 A = 3
 E = 22
 C ?
 $C = K + A + B - E$
 $C = 17 + 3 + 6 - 22$
 C = 4MM
 K = CONSTANT = 17MM



Half overlay



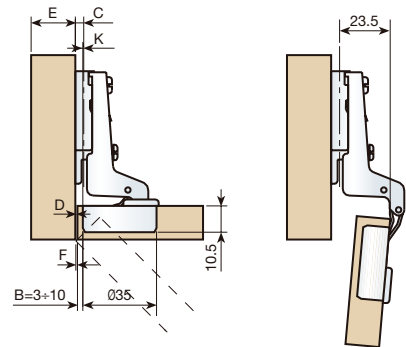
CALCULATION OF THE HEIGHT OF THE PLATE
 K = 7
 B = 6
 A = 11
 E = 22
 C ?
 $C = K + A + B - E$
 $C = 7 + 11 + 6 - 22$
 C = 2MM
 K = CONSTANT = 7MM



Full inset

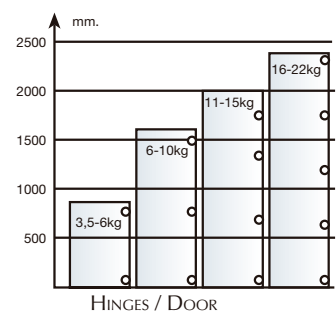


CALCULATION OF THE HEIGHT OF THE PLATE
 K = 0
 B = 6
 D = 1
 C ?
 $C = D + B + K$
 $C = 6 + 1 + 0$
 C = 7MM
 K = CONSTANT = 0MM

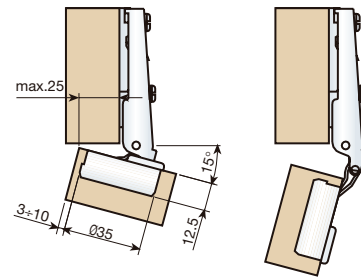


LATERAL DOOR DISPLACEMENT (F).

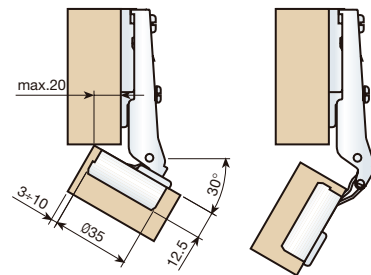
MM	DOOR THICKNESS									
	B	16	18	20	22	25	28	30	32	35
3	0	0	0,2	0,4	0,9	1,5	3	4,5	6,4	
4	0	0	0,15	0,35	0,85	1,45	2,5	4,5	5,8	
5	0	0	0,1	0,3	0,8	1,4	2	4,2	5,2	
6	0	0	0,1	0,25	0,75	1,35	1,9	4	5,1	
8	0	0	0	0,2	0,7	1,3	1,8	3,8	5	
10	0	0	0	0,2	0,7	1,3	1,8	3,6	5	



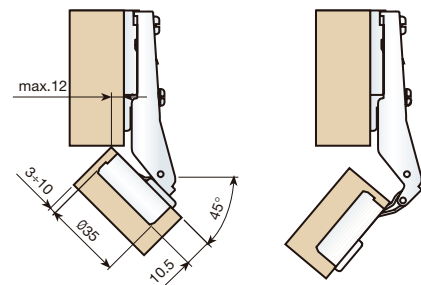
■ "MESUCO 121": OPENING 15° ÷ 110° LARGE DISPLACEMENT



■ "MESUCO 121": OPENING 30° ÷ 125° LARGE DISPLACEMENT

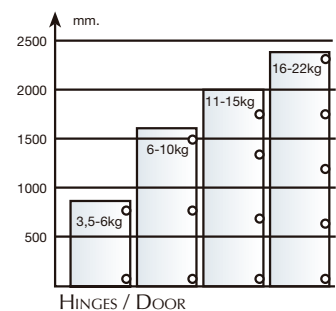


■ "MESUCO 121": OPENING 45° ÷ 140° LARGE DISPLACEMENT



LATERAL DOOR DISPLACEMENT.

MM	DOOR THICKNESS									
	B	16	18	20	22	25	28	30	32	35
3	0	0	0,2	0,4	0,9	1,5	3	4,5	6,4	
4	0	0	0,15	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	

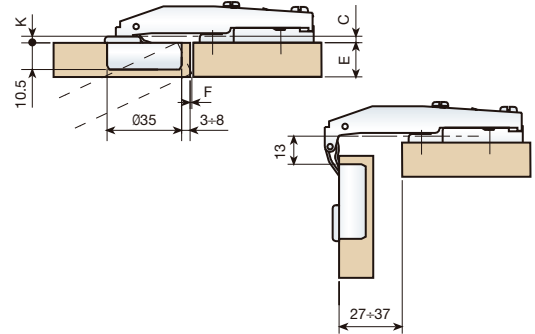


■ "MESUCO 121": OPENING 90° ÷ 185° LARGE DISPLACEMENT

Full overlay



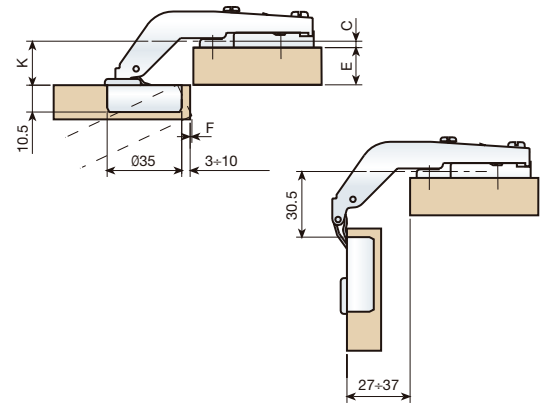
K = CONSTANT = 2MM



Half overlay

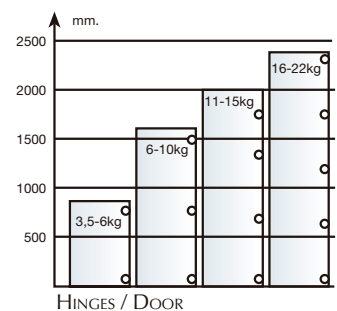


K = CONSTANT = 19,5MM



LATERAL DOOR DISPLACEMENT.

MM	DOOR THICKNESS									
	B	16	18	20	22	25	28	30	32	35
3	0	0	0,2	0,4	0,9	1,5	3	4,5	6,4	
4	0	0	0,15	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	



■ "MESUCO 121": OPENING -45° ÷ 50° LARGE DISPLACEMENT

