

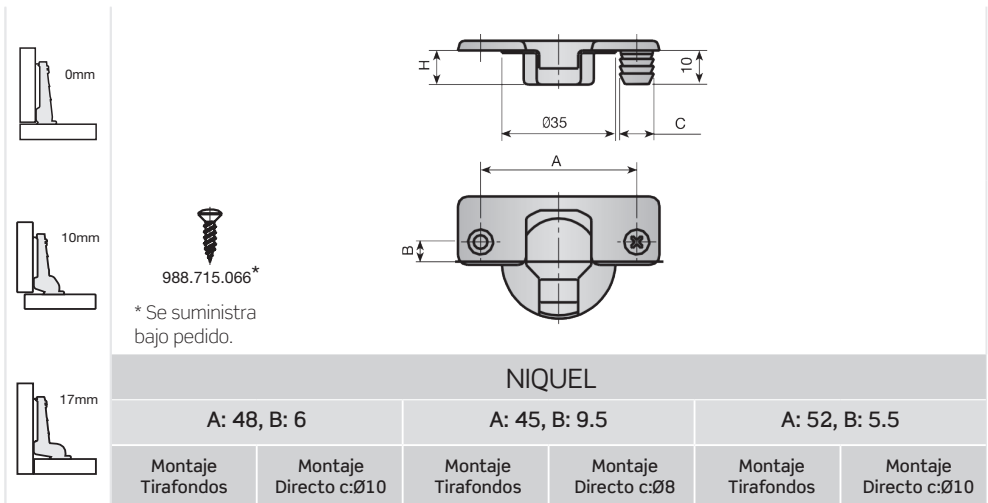
# MESUCO 121

Bisagra cazoleta Ø35  
“Slide-on”

Amplia gama de soluciones.

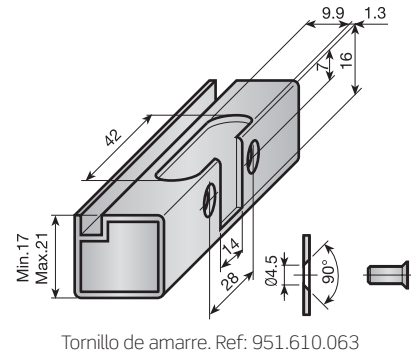
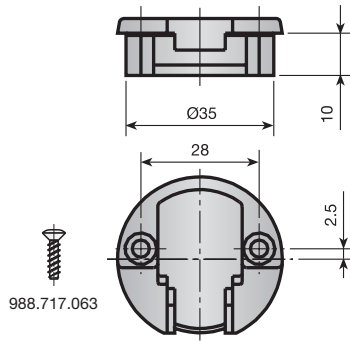
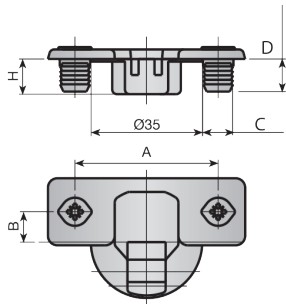


**1 FAMILIA DE BISAGRAS**



$\alpha$  = ÁNGULO DE APERTURA  
H = PROFUNDIDAD DE CAZOLETA (mm.)

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



NIQUEL			NIQUEL	NIQUEL
A: 48, B: 6	A: 45, B: 9.5	A: 52, B: 5.5	Puerta cristal Ø35	Marco de Aluminio
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		
020.023.161	020.063.164	020.073.163		
021.023.166	021.063.162	021.073.161		
022.023.164	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 PLACAS BASE**

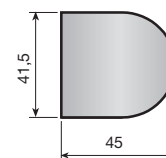
CALCES en mm.				0	2	4	7	10
		Base montaje tirafondos Sin regulación vertical	Zamak Cincado	081.000.006	081.000.102			
		Base montaje directo Sin regulación vertical	Zamak Cincado	081.100.003	081.100.106			
		Base montaje directo Sin regulación vertical	PA blanco marrón negro	081.800.036 081.800.040 081.800.051	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
		Base montaje tirafondos ± 2 regulación vertical	Acero Niquel Zamak Niquel	081.203.021	081.203.124	081.203.220	081.203.312	081.203.415
		Base montaje directo ± 2 regulación vertical	Acero Niquel Zamak Niquel	081.303.025	081.303.121	081.303.224	081.303.316	081.303.412
		Base montaje tirafondos (con centrador) ± 2 regulación vertical	Acero Niquel Zamak Niquel	081.503.026	081.503.122	081.503.225	081.503.310	081.503.413
		Base montaje directo (con centrador) ± 2 regulación vertical	Acero Niquel Zamak Niquel	081.803.024	081.803.120	081.803.223	081.803.315	081.803.411
		Base euro-screw premontado. ± 2,5 regulación vertical	Acero Niquel Zamak Niquel	081.603.023	081.603.126	081.603.222	081.603.314	081.603.410
<b>CUÑAS DE 5° y 10° para placas base sistema 32</b>				<b>5°</b>	<b>10°</b>	<b>euro-screw</b>	<b>H=11</b>	<b>H=13</b>
		blanco marrón negro		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 EMBELLECEDORES

#### ■ Embellecedores puerta cristal

##### Embellecedor

PA	Pulido plata	351.700.226
PA	Pulido oro	351.700.230
PA	Negro	351.700.252



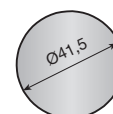
##### Pieza intermedia

PA	351.710.004
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##### Embellecedor

PA	Pulido plata	351.900.220
PA	Pulido oro	351.900.231
PA	Negro	351.900.253



##### Pieza intermedia

PA	351.910.005
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##### Arandela

PA	Blanco	351.110.001
PA	Marrón	351.111.003
PA	Negro	351.112.005



#### ■ Embellecedores de bisagra

PA	Blanco	302.020.003
PA	Marrón	302.020.014
PA	Negro	302.020.025



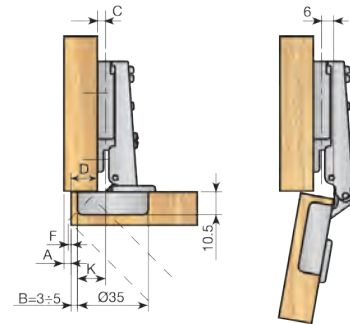
**4 DATOS TÉCNICOS**

**MESUCO 121 Apertura 100°**

Recta



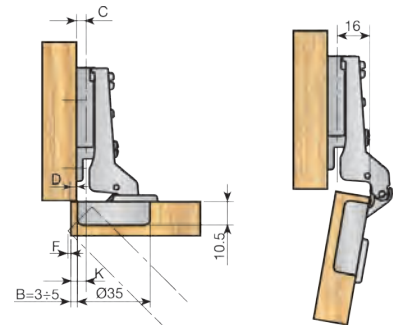
Cálculo de Calce  
 $C = B + K - D$   
 K = Constante = 13mm



Acodada



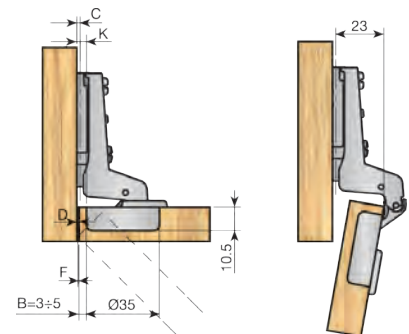
Cálculo de Calce  
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 K = Constante = 3mm



Superacodada\*



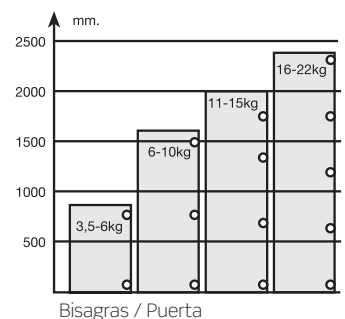
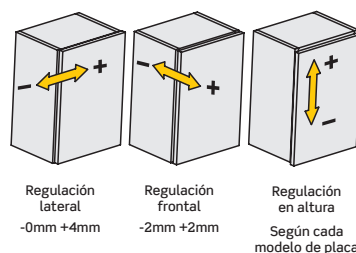
Cálculo de Calce  
 $C = B + K + D$   
 K = Constante = -4mm



\* Se debe retroceder la posición de fijación de la placa una distancia igual al espesor de la puerta más 1mm

Desplazamiento lateral de la puerta (F).

mm	Espesor de la puerta									
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	

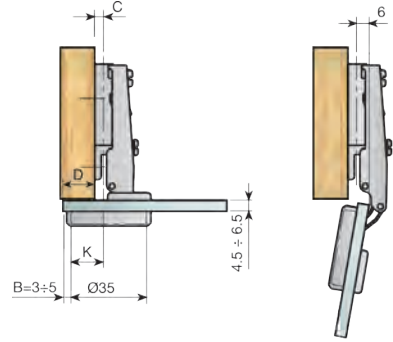


■ **MESUCO 121 Apertura 100° puerta de cristal**

*Recta*



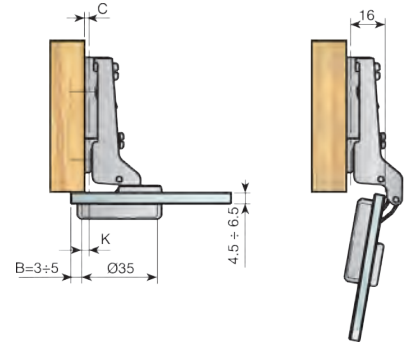
Cálculo de Calce  
 $C = B + K - D$   
 $K = \text{Constante} = 13\text{mm}$



*Acodada*



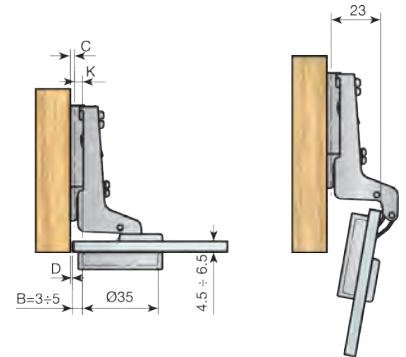
Cálculo de Calce  
 $C = B + K - D$   
 $K = \text{Constante} = 3\text{mm}$



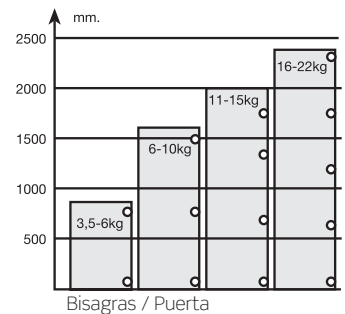
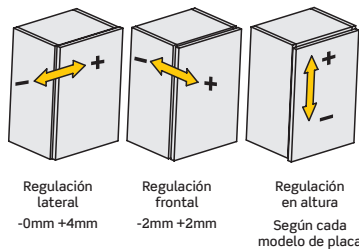
*Superacodada\**



Cálculo de Calce  
 $C = B + K + D$   
 $K = \text{Constante} = -4\text{mm}$



\* Se debe retroceder la posición de fijación de la placa una distancia igual al espesor de la puerta más 1mm

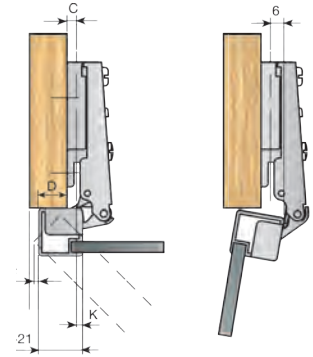


■ **MESUCO 121 Apertura 100° marco de aluminio**

Recta



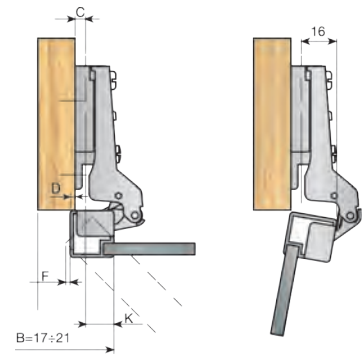
Cálculo de Calce  
 $C = B - D - K$   
 $K = \text{Constante} = 3\text{mm}$



Acodada



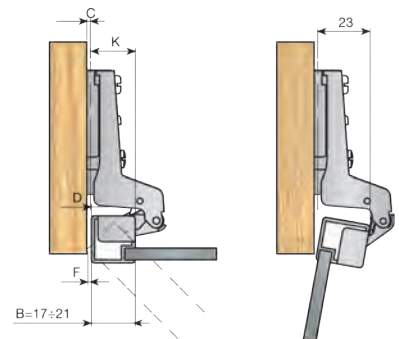
Cálculo de Calce  
 $C = B - D - K$   
 $K = \text{Constante} = 13\text{mm}$



Superacodada\*



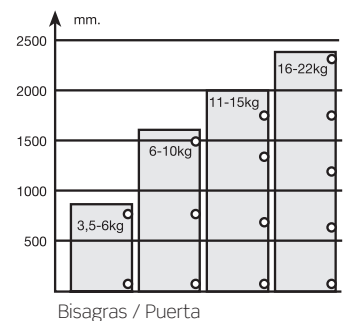
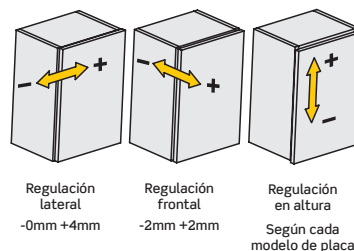
Cálculo de Calce  
 $C = B + D - K$   
 $K = \text{Constante} = 20\text{mm}$



\* Se debe retroceder la posición de fijación de la placa una distancia igual al espesor de la puerta más 1mm

Desplazamiento lateral de la puerta.

mm	Espesor del perfil									
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	



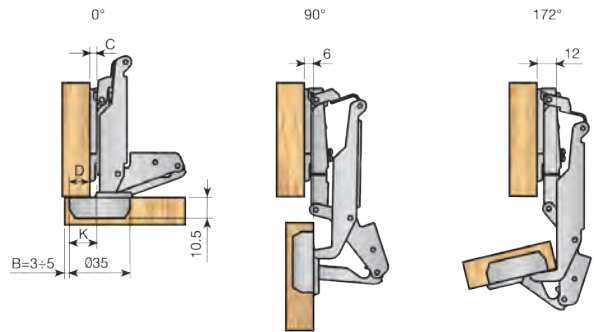


■ **MESUCO 121 Apertura 172°**

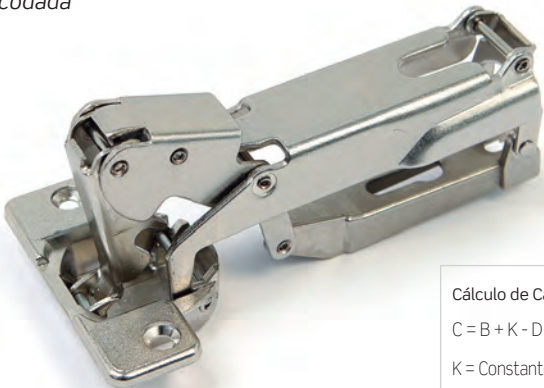
Recta



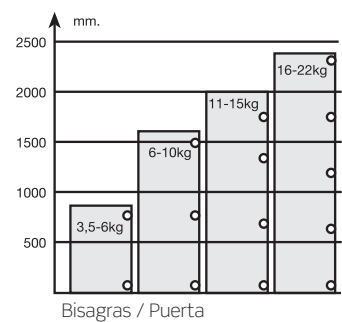
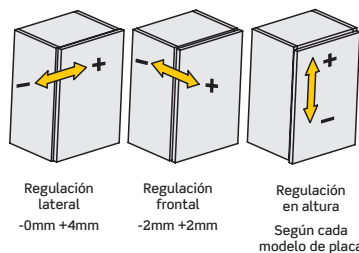
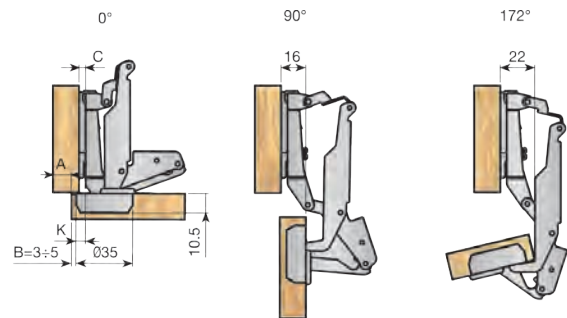
Cálculo de Calce  
 $C = B + K - D$   
 $K = \text{Constante} = 3\text{mm}$



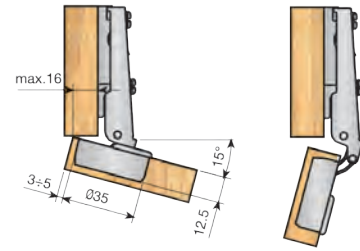
Acodada



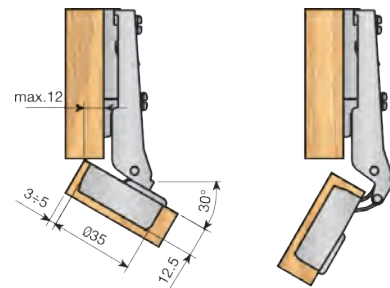
Cálculo de Calce  
 $C = B + K - D$   
 $K = \text{Constante} = 13\text{mm}$



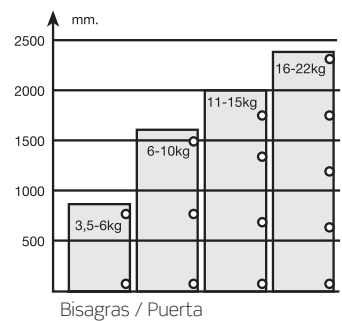
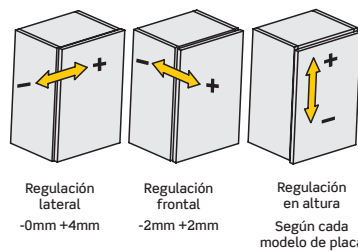
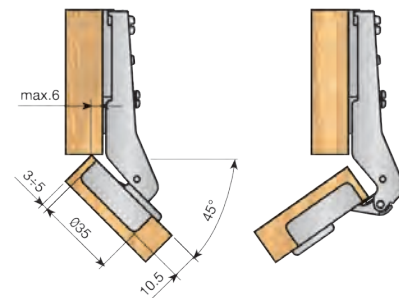
■ MESUCO 121 Apertura 15° ÷ 115°



■ MESUCO 121 Apertura 30° ÷ 130°

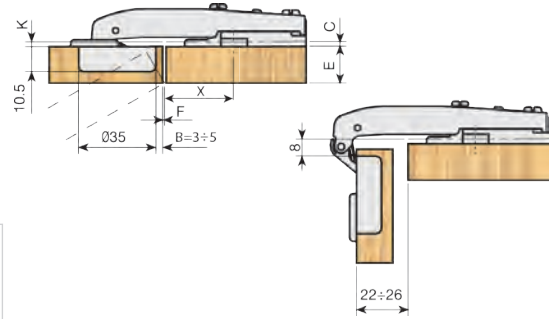


■ MESUCO 121 Apertura 45° ÷ 145°



■ MESUCO 121 Apertura 90° ÷ 190°

Recta

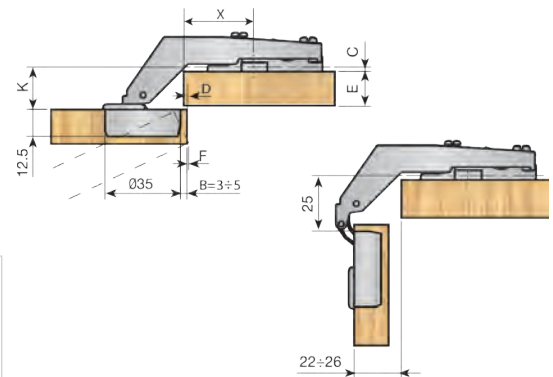


Cálculo posición de la placa

$$X = 42 - B - F$$

$$K = \text{Constante} = 2\text{mm}$$

Superacodada



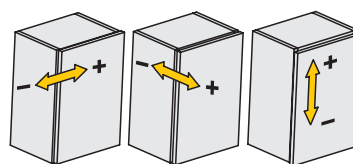
Cálculo posición de la placa

$$X = 42 - B + D$$

$$K = \text{Constante} = 19,5\text{mm}$$

Desplazamiento lateral de la puerta (F).

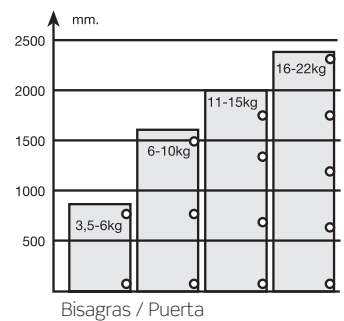
mm	Espesor de la puerta								
B	16	17	18	19	20	21	22	23	24
3	0.2	0.35	0.5	0.8	1.1	1.7	2.3	3	3.6
4	0.2	0.35	0.45	0.75	1	1.55	2.1	2.8	3.5
5	0.2	0.35	0.40	0.7	0.90	1.30	1.7	2.4	3.2



Regulación lateral  
-0mm +4mm

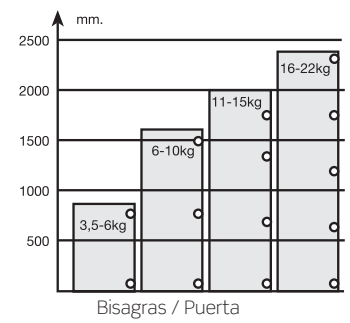
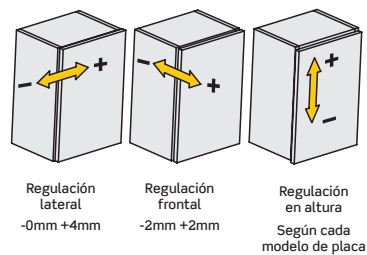
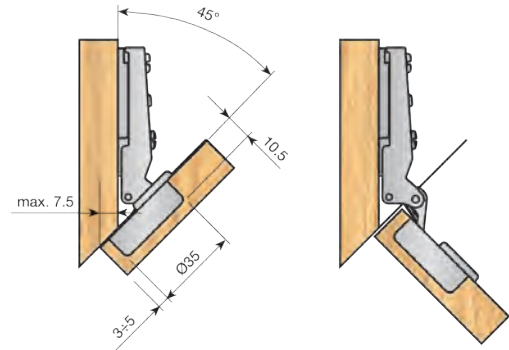
Regulación frontal  
-2mm +2mm

Regulación en altura  
Según cada modelo de placa



Bisagras / Puerta

■ MESUCO 121 Apertura -45° ÷ 55°

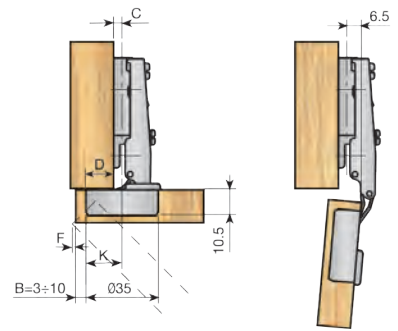


■ **MESUCO 121 Apertura 95° gran desplazamiento**

Recta



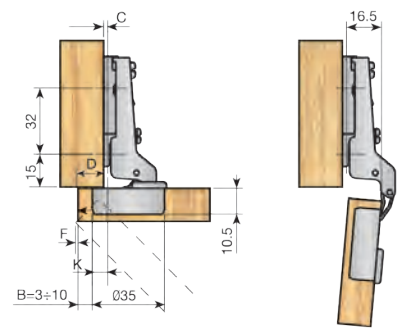
Cálculo de Calce  
 $C = B + K - D$   
 $K = \text{Constante} = 17\text{mm}$



Acodada



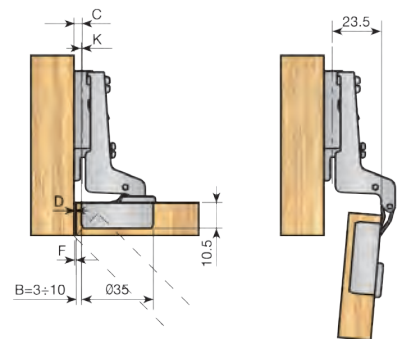
Cálculo de Calce  
 $C = B + K - D$   
 $K = \text{Constante} = 7\text{mm}$



Superacodada



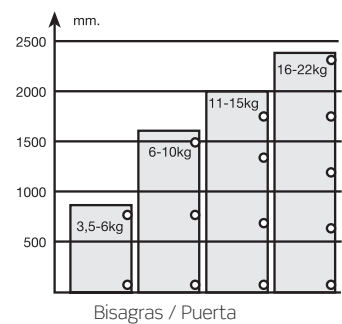
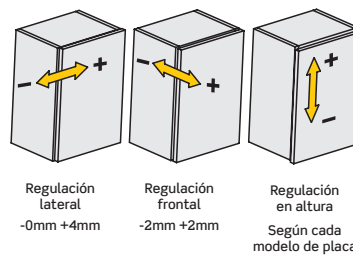
Cálculo de Calce  
 $C = B + K + D$   
 $K = \text{Constante} = 0\text{mm}$



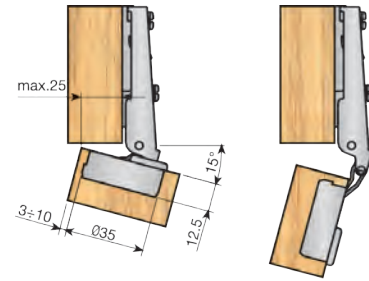
\* Se debe retroceder la posición de fijación de la placa una distancia igual al espesor de la puerta más 1mm

Desplazamiento lateral de la puerta (F).

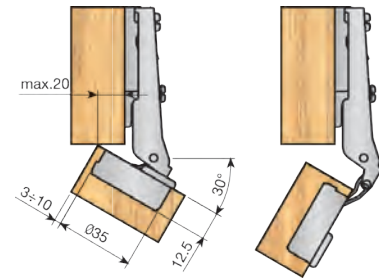
mm	Espesor de la puerta								
B	16	18	20	22	25	28	30	32	35
3	0,1	0,3	0,6	0,9	1,5	2,8	4,7	6,6	9,5
4	0,1	0,3	0,6	0,9	1,5	2,3	4	5,9	8,8
5	0,1	0,3	0,6	0,9	1,5	2,2	3,4	5,2	8
6	0,1	0,3	0,6	0,9	1,4	2,2	2,9	4,7	7,4
8	0,1	0,3	0,5	0,8	1,4	2,1	2,7	3,6	6,2
10	0,1	0,3	0,5	0,8	1,3	2	2,6	3,3	5,2



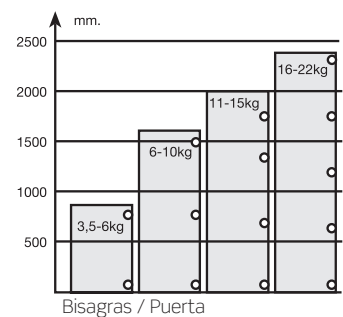
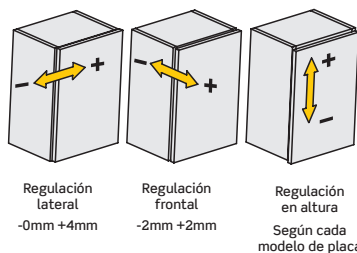
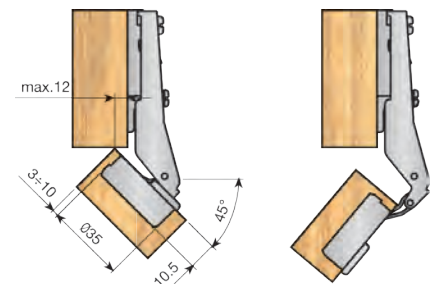
■ MESUCO 121 Apertura 15° ÷ 110° gran desplazamiento



■ MESUCO 121 Apertura 30° ÷ 125° gran desplazamiento



■ MESUCO 121 Apertura 45° ÷ 140° gran desplazamiento

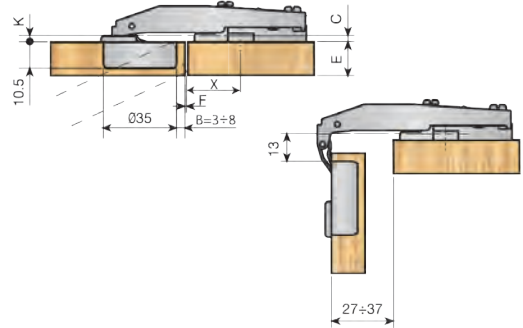


■ **MESUCO 121 Apertura 90° ÷ 185° gran desplazamiento**

*Recta*



Cálculo posición de la placa  
 $X = 38,5 - B - F$   
 K = Constante = 2mm



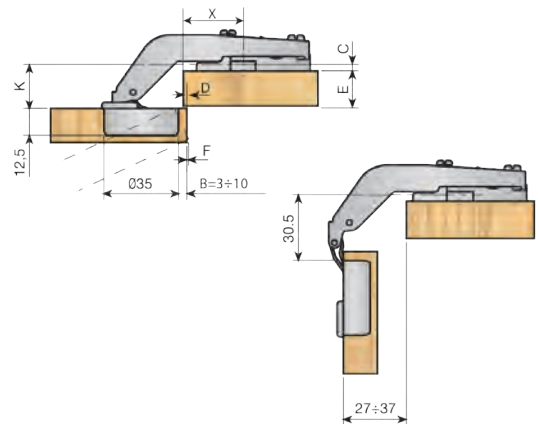
Desplazamiento lateral de la puerta (F).

mm	Espesor de la puerta									
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	

*Acodada*

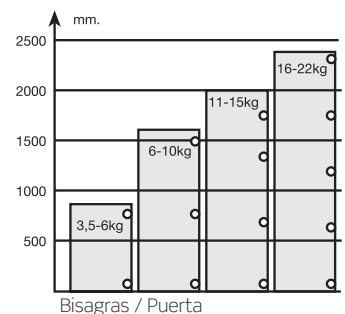
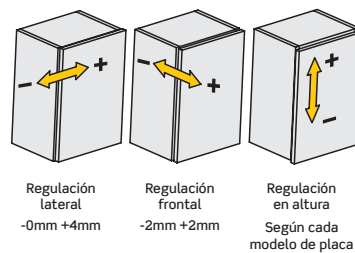


Cálculo posición de la placa  
 $X = 38 - B + D$   
 K = Constante = 19,5mm



Desplazamiento lateral de la puerta.

mm	Espesor de la puerta									
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 Apertura -45° ÷ 50° gran desplazamiento

