

TIOMOS 120

Balama 120° (grosimi ale usii de pana la 24 mm)



- Unghi deschidere 120°
- Rost minim pentru grosimi ale usii de pana la 22 mm
- Reglarea adâncimii usoara prin angrenajul cu melc
- Ajustare pe 3 directii cu placuta de montaj potrivita

Disponibil in 3 versiuni:

- Cu amortizor integrat (ajustabil pe 3 nivele de amortizare)
- Fara amortizor integrat
- Fara mecanism de autoinchidere (fara arc)

INFORMATII COMANDA PENTRU SABLONUL DE GAURIRE 45/9.5

Suprapunere usa	Umar	Amortizor		Fara arc	Articol nr.		
		Cu	Fara		Click-on Prin insurubare	Click-on Prin presare	Impreso fara scule
Aplicata complet ¹	0	■	-	-	F028138547	F028138551	F017139343
		-	■	-	F045138485	F045138489	F034139314
		-	■	■	F046138607	-	F035139371
Aplicata ¹	3	■	-	-	F028138548	F028138552	F017139344
		-	■	-	F045138486	F045138490	F034139315
		-	■	■	F046138608	-	F035139372
Semiaplicata ²	9.5	■	-	-	F028138549	F028138553	F017139345
		-	■	-	F045138487	F045138491	F034139316
		-	■	■	F046138609	-	F035139373
Incadrata ²	19	■	-	-	F028138550	F028138554	F017139346
		-	■	-	F045138488	F045138492	F034139317
		-	■	■	F046138610	-	F035139374

¹ Material cupa: otel nichelat / Material brat: otel nichelat

² Material cupa: otel nichelat / Material brat: Zamak, otel nichelat

CAPACE MASCARE

	Denumire	Umar	Imprimat/Embosat	Articol nr.
	Capac brat balama , otel nichelat, neimprimat	0/3/9.5/19	La cerere	F072135500
	Capac brat balama ,dreapta, otel nichelat, imprimat GRASS	0/3/9.5/19	Logo GRASS	F072135550
	Capac brat balama ,stanga, otel nichelat, imprimat GRASS	0/3/9.5/19	Logo GRASS	F072135551
	Capac brat balama , otel nichelat, lung, neimprimat	0/3	La cerere	F072135504
	Capac cupa balama , otel nichelat, lung, neimprimat	0/3/9.5/19	-	F072135503

ACCESORII

	Denumire	Articol nr.		Denumire	Articol nr.
	Reductor unghi pana la 85°	F072135751		Holtzsurub cap inecat Ø 3.5 x 15 mm	F146073976
	Tipmatic Pin pentru rame din aluminiu si lemn	F069135396		Dispozitiv de siguranta	F072135807

Timos placute de montaj	102	Tipmatic	308	Scule necesare pentru montaj	364
Accesorii	112	Informatii tehnice	116		

COTE MONTAJ

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Aplicata complet	K0	Aplicata	K3	Semiaplicata	K9.5	Incadrata ¹	K19																																																																																																																																																																																																																																																																																																																																																																																
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¹ Set placuta de montaj spate pentru usi cu grosimi+1.5 mm

LUFT MINIM

Grosime usa	Distanța cupa				
	3	4	5	6	7
24.0	1.2 ²	2.1 ²	3.0 ²	3.9 ²	4.7 ²
22.0	1.0	1.1 ²	2.0 ²	2.9 ²	3.8 ²
21.0	1.0	1.0	1.6 ²	2.4 ²	3.3 ²
20.0	1.0	1.0	1.1 ²	2.0 ²	2.9 ²
19.0	1.0	1.0	1.0	1.5 ²	2.4 ²
18.0	1.0	1.0	1.0	1.0	1.9 ²
17.0	1.0	1.0	1.0	1.0	1.5 ²
16.0	1.0	1.0	1.0	1.0	1.0

Luft minim

² 1.0 La 85° unghi deschidere

ROST MINIM

Grosime usa	Distanța cupa				
	3	4	5	6	7
24.0	6.4	5.4	4.4	3.4	2.4
22.0	3.0	2.0	1.5	1.5	1.5
21.0	1.4	1.3	1.3	1.3	1.3
20.0	1.1	1.1	1.1	1.1	1.1
19.0	0.9	0.9	0.9	0.9	0.9
18.0	0.7	0.7	0.7	0.7	0.7
17.0	0.6	0.6	0.6	0.6	0.6
16.0	0.6	0.6	0.6	0.6	0.6

Rost minim (F)

85° UNGHII DESCHIDERE

Grosime usa	Distanța cupa				
	3	4	5	6	7
36.0	11.1	10.3	9.7	9.1	8.5
30.0	5.4	4.8	4.4	4.3	4.2
28.0	3.7	3.6	3.5	3.4	3.3
26.0	2.9	2.8	2.8	2.7	2.6
24.0	2.2	2.1	2.1	2.1	2.0
22.0	1.6	1.6	1.6	1.5	1.5
21.0	1.4	1.3	1.3	1.3	1.3
20.0	1.1	1.1	1.1	1.1	1.1
19.0	0.9	0.9	0.9	0.9	0.9
18.0	0.7	0.7	0.7	0.7	0.7
16.0	0.6	0.6	0.6	0.6	0.6

Rost minim (F)³ at 85°

³ Reductor unghi pana la 85°

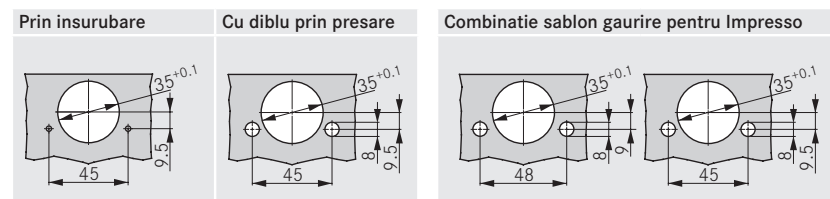
NOTA

Luft-ul minim este spatiul necesar intre dulap si usa , astfel încât ușa să se poată deschide fără obstacole.

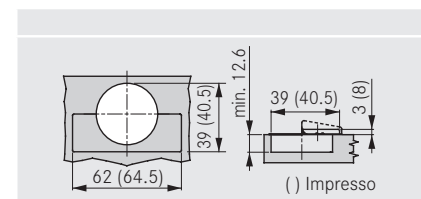
Rostul minim pentru uși cu margini țeșite (R = 1 mm) (setari din fabrica).

Pentru grosimi ale usii mai mari de 24 mm se recomanda proba de montaj

SABLON PENTRU GAURIRE 45/9.5



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TIOMOS 120

Balama 120° (grosimi ale usii de pana la 24 mm)

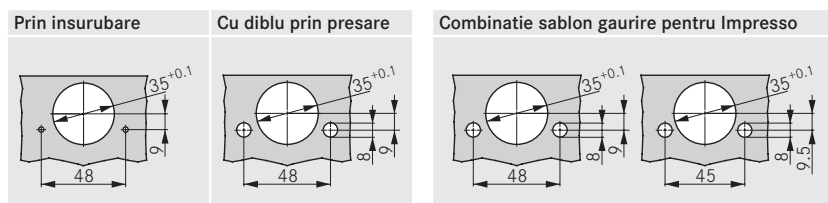
INFORMATII COMANDA PENTRU SABLONUL DE GAURIRE 48/9

Suprapunere usa	Umar	Amortizor		Fara arc	Articol nr.		
		Cu	Fara		Click-on Prin insurubare	Click-on Prin presare	Impresso fara scule
Aplicata complet ¹	0	■	-	-	F028138121	F028138125	F017139343
		-	■	-	F045138028	F045138032	F034139314
		-	■	■	F046138212	-	F035139371
Aplicata ¹	3	■	-	-	F028138122	F028138126	F017139344
		-	■	-	F045138029	F045138033	F034139315
		-	■	■	F046138213	-	F035139372
Semiaplicata ²	9.5	■	-	-	F028138123	F028138127	F017139345
		-	■	-	F045138030	F045138034	F034139316
		-	■	■	F046138214	-	F035139373
Incadrata ²	19	■	-	-	F028139017	F028139018	F017139346
		-	■	-	F045139019	F045139020	F034139317
		-	■	■	F046139021	-	F035139374

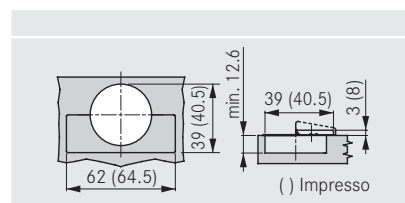
¹ Material cupa: otel nichelat / Material brat: otel nichelat

² Material cupa: otel nichelat / Material brat: Zamak, otel nichelat

SABLON PENTRU GAURIRE 48/9



DIMENSIUNI CUPA



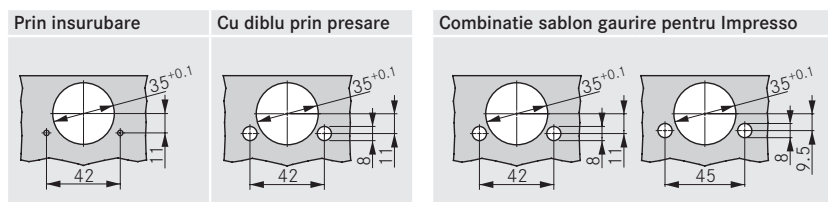
INFORMATII COMANDA PENTRU SABLONUL DE GAURIRE 42/11

Suprapunere usa	Umar	Amortizor		Fara arc	Articol nr.		
		Cu	Fara		Click-on Prin insurubare	Click-on Prin presare	Impresso fara scule
Aplicata complet ¹	0	■	-	-	F028138365	F028138369	F017139428
		-	■	-	F045138303	F045138307	F034139399
		-	■	■	F046138425	-	F035139456
Aplicata ¹	3	■	-	-	F028138366	F028138370	F017139429
		-	■	-	F045138304	F045138308	F034139400
		-	■	■	F046138426	-	F035139457
Semiaplicata ²	9.5	■	-	-	F028138367	F028138371	F017139430
		-	■	-	F045138305	F045138309	F034139401
		-	■	■	F046138427	-	F035139458
Incadrata ²	19	■	-	-	F028139027	F028139028	F017139558
		-	■	-	F045139029	F045139030	F034139559
		-	■	■	F046139031	-	F035139560

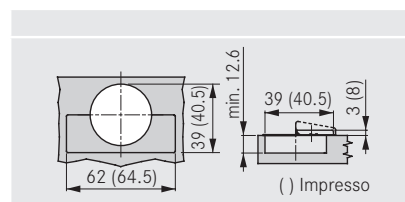
¹ Material cupa: otel nichelat / Material brat: otel nichelat

² Material cupa: otel nichelat / Material brat: Zamak, otel nichelat

SABLON PENTRU GAURIRE 42/11



DIMENSIUNI CUPA



Timos placute de montaj	102
Accesorii	112

Tipmatic	308
Informatii tehnice	116

Scule necesare pentru montaj	364
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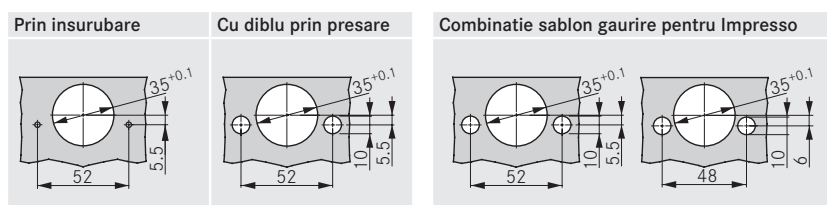
INFORMATII COMANDA PENTRU SABLONUL DE GAURIRE 52/5.5

Suprapunere usa	Umar	Amortizor		Fara arc	Articol nr.		
		Cu	Fara		Click-on Prin insurubare	Click-on Prin presare	Impresso fara scule
Aplicata complet ¹	0	■	-	-	F028138729	F028138733	F017139513
		-	■	-	F045138667	F045138671	F034139484
		-	■	■	F046138789	-	F035139541
Aplicata ¹	3	■	-	-	F028138730	F028138734	F017139514
		-	■	-	F045138668	F045138672	F034139485
		-	■	■	F046138790	-	F035139542
Semiaplicata ²	9.5	■	-	-	F028138731	F028138735	F017139515
		-	■	-	F045138669	F045138673	F034139486
		-	■	■	F046138791	-	F035139543
Incadrata ²	19	■	-	-	F028139022	F028139023	F017139555
		-	■	-	F045139024	F045139025	F034139556
		-	■	■	F046139026	-	F035139557

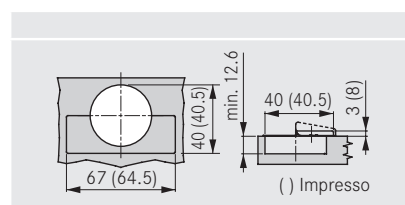
¹ Material cupa: otel nichelat / Material brat: otel nichelat

² Material cupa: otel nichelat / Material brat: Zamak, otel nichelat

SABLON PENTRU GAURIRE 52/5.5



DIMENSIUNI CUPA



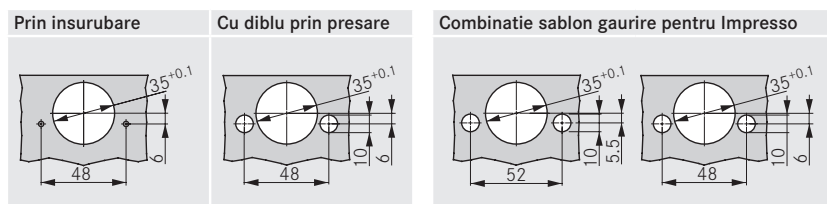
INFORMATII COMANDA PENTRU SABLONUL DE GAURIRE 48/6

Suprapunere usa	Umar	Amortizor		Fara arc	Articol nr.		
		Cu	Fara		Click-on Prin insurubare	Click-on Prin presare	Impresso fara scule
Aplicata complet ¹	0	■	-	-	F028138911	F028138915	F017139513
		-	■	-	F045138849	F045138853	F034139484
		-	■	■	F046138971	-	F035139541
Aplicata ¹	3	■	-	-	F028138912	F028138916	F017139514
		-	■	-	F045138850	F045138854	F034139485
		-	■	■	F046138972	-	F035139542
Semiaplicata ²	9.5	■	-	-	F028138913	F028138917	F017139515
		-	■	-	F045138851	F045138855	F034139486
		-	■	■	F046138973	-	F035139543
Incadrata ²	19	■	-	-	F028139032	F028139033	F017139555
		-	■	-	F045139034	F045139035	F034139556
		-	■	■	F046139036	-	F035139557

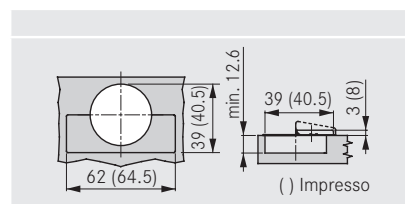
¹ Material cupa: otel nichelat / Material brat: otel nichelat

² Material cupa: otel nichelat / Material brat: Zamak, otel nichelat

SABLON PENTRU GAURIRE 48/6



DIMENSIUNI CUPA



Timos placute de montaj	102	Tipmatic	308	Scule necesare pentru montaj	364
Accesorii	112	Informatii tehnice	116		