Nexis Impresso 110, Nexis 110

110° hinge for standard doors

- 3-dimensional adjustment with suitable base plate
- Soft-close compatible
- Shallow cup depth
  - Nexis Impresso 11.5 mm
  - Nexis 11 mm
- Accommodates overlays up to 20mm [25/32”]
- Self-close or free-swing hinges available
- For face frame and frameless cabinets
- Combination drilling pattern for Nexis Impresso

Full overlay | **Cranking 00** | **Opening angle 110°** | **Impresso** | **Screw-on** | **Dowelled**

Nexis Impresso:
Hinge cup: diecast, nickel-plated
Hinge arm: steel, nickel-plated

Nexis :
Hinge cup: steel, nickel-plated
Hinge arm: steel, nickel-plated

Pattern	Type	Item No.	PU	Pattern	Type	Item No.	Item No.	PU
42/45	Self-close	138.622.50.0015	125	42	Self-close	138.322.73.0015	138.322.74.0015	250
				45	Self-close	148.322.53.0015	148.322.54.0015	
45/48	Self-close	146.622.35.0015			Free-swing	147.322.53.0015	147.322.54.0015	
				48	Self-close	146.322.53.0015	146.322.54.0015	

Cover caps for cranking 00	Item No.	PU
Steel, nickel-plated, Soft-close compatible	514.300.21.0215	1000
Black plastic, Soft-close compatible	514.000.22.9662	1000

Imprinting available upon special request.

Half overlay | **Cranking 08** | **Opening angle 110°** | **Impresso** | **Screw-on** | **Dowelled**

Nexis Impresso:
Hinge cup: diecast, nickel-plated
Hinge arm: steel, nickel-plated

Nexis :
Hinge cup: steel, nickel-plated
Hinge arm: steel, nickel-plated

Pattern	Type	Item No.	PU	Pattern	Type	Item No.	Item No.	PU
42/45	Self-close	138.622.50.0815	125	42	Self-close	138.322.73.0815	138.322.74.0815	250
				45	Self-close	148.322.53.0815	148.322.54.0815	
45/48	Self-close	146.622.35.0815			Free-swing	147.322.53.0815	147.322.54.0815	
				48	Self-close	146.322.53.0815	146.322.54.0815	

Inset | **Cranking 15** | **Opening angle 100°** | **Impresso** | **Screw-on** | **Dowelled**

Nexis Impresso:
Hinge cup: diecast, nickel-plated
Hinge arm: steel, nickel-plated

Nexis :
Hinge cup: steel, nickel-plated
Hinge arm: steel, nickel-plated

Pattern	Type	Item No.	PU	Pattern	Type	Item No.	Item No.	PU
42/45	Self-close	138.604.51.1515	125	42	Self-close	138.304.73.1515	138.304.74.1515	250
				45	Self-close	148.304.53.1515	148.304.54.1515	
45/48	Self-close	146.604.50.1515			Free-swing	147.304.53.1515	147.304.54.1515	
				48	Self-close	146.304.55.1515	146.304.56.1515	

Cover caps for cranking 08 and 15	Item No.	PU
Steel, nickel-plated, Soft-close compatible	514.300.22.0015	1000
Black plastic, Soft-close compatible	514.000.22.9662	1000

Imprinting available upon special request.

Opening angle reduction clip to 85°	Item No.	PU
Opening angle reduction to 85°	641.000.10.9862	1000

Prevents doors from bumping fronts or walls in corner installations. Black plastic

PU = packaging unit

Dimensions in millimeters, fractional inch equivalents as noted.

Full overlay

Drawings show Nexis with a base plate, height 02.

Drilling distance (DD)

Door overlay max.	*3	4	5	6	7				
20					0				
19				0					
18			0		2				
17		0		2					
16	0		2		4				
15		2		4					
14	2		4						
13		4							
12	4								
				Base Plate Height (BPH)					

Half overlay

Drawings show Nexis with a base plate, height 02.

Drilling distance (DD)

Door overlay max.	*3	4	5	6	7				
12					0				
11				0					
10			0		2				
9		0		2					
8	0		2		4				
7		2		4					
6	2		4						
5		4							
4	4								
				Base Plate Height (BPH)					

Inset

Drawings show Nexis with a base plate, height 04.

Drilling distance (DD)

Reveal min. (R)	*3	4	5	6					
0		2		4					
1	2		4						
2		4							
				Base Plate Height (BPH)					

X= 38.5 + DT

*3 mm drilling distance for Nexis only

Minimum gaps

The minimum gap is the gap between the closed door and the front of the cabinet.

Drilling distance (DD)

Door thickness (DT)	*3	4	5	6	7		
16	0.5	0.6	1.6	2.6	3.6		
18	0.5	1.2	2.2	3.2	4.2		
19	0.5	1.5	2.5	3.5	4.5		
20	0.8	1.8	2.8	3.8	4.8		
22	1.4	2.4	3.4	4.4	5.4		
				Minimum gap			

Reveal

Cranking 00/08

Drilling distance (DD)

Door thickness (DT)	*3	4	5	6	7		
16	0.5	0.5	0.5	0.5	0.5		
18	1.0	1.0	1.0	1.0	1.0		
19	1.2	1.2	1.2	1.2	1.2		
20	2.2	1.5	1.5	1.5	1.5		
22	4.7	3.7	2.8	2.1	2.1		
				Reveal min. (R)			

Cranking 15

Drilling distance (DD)

Door thickness (DT)	*3	4	5	6			
16	0.6	0.6	0.6	0.6			
18	0.9	0.9	0.9	0.9			
19	1.1	1.1	1.1	1.1			
20	1.4	1.4	1.4	1.4			
22	1.9	1.9	1.9	1.9			
24	2.5	2.5	2.5	2.5			
				Reveal min. (R)			

Note Reveal dimensions were determined with an edge radius (of the door) of 1 mm! Hinge dimensions and calculation of reveal with factory setting.

IMPORTANT **To determine the correct application Grass strongly recommends a trial mounting for all hinges and base plates.**

Adjustment

Height adjustment ±2 mm

Side adjustment +1/-3 mm

Depth adjustment +3/-1 mm

Cup dimensions

Nexis Impresso

Nexis

Soft-close/UniSoft	Page 48	Base plates	Page 44
Tipmatic	Page 56	Technical Information	Page 7