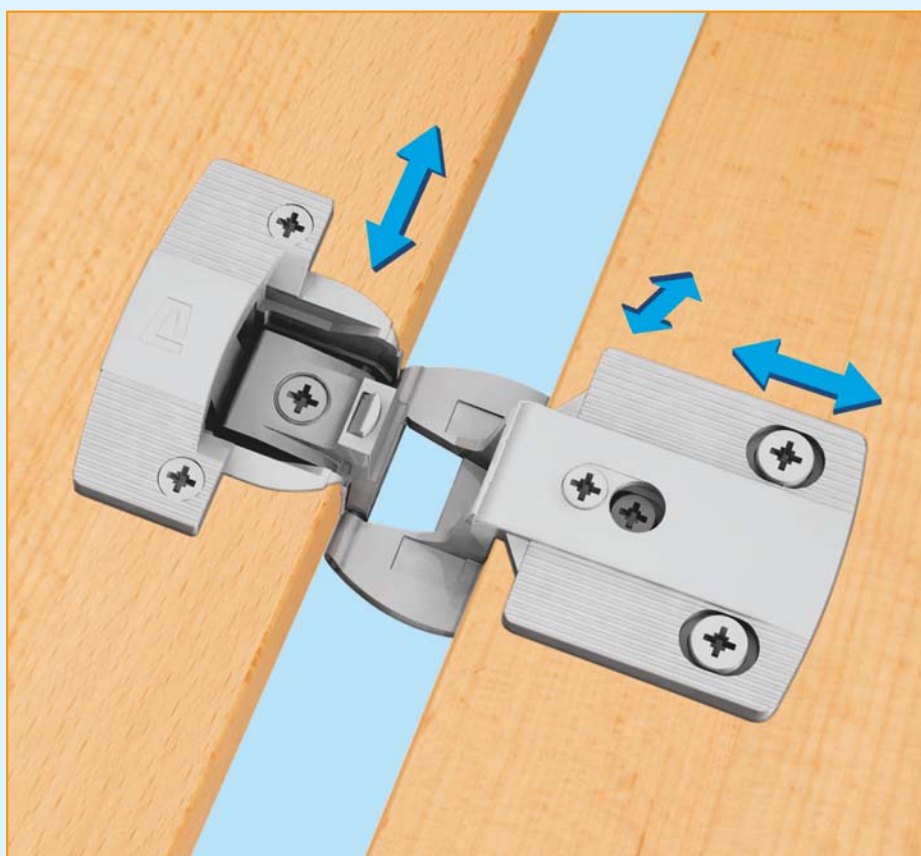


 **PRAMETA**



Series 3000

Single pivot hinges

PRAMETA

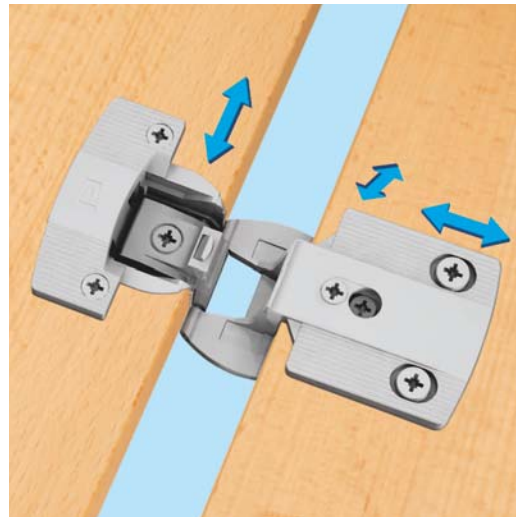
SERIES 3000 Single Pivot Hinges

**Solid design with convenient
3D adjustment**

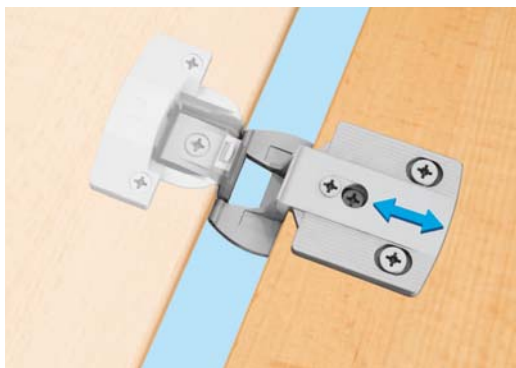
- Pre-mounted expansion dowels with screws allow efficient fastening in the factory and on-site
- The only 3D clip hinge which meets the highest requirements of the American **ANSI Grade 1** standard



The hinge knuckle sticks to the door edge, no unsightly gap caused by lateral adjustment



**Door overlay adjustment on the base plate
as opposed to the door part**



- adjustable in both directions
+1/-2 mm continuously
(up to now only one way
i.e. away from the knuckle)

**Depth adjustment by elongated holes,
for door seals as well as compensation for
production inaccuracy and door distortions**

 **SERIES 3000**
Single Pivot Hinges

**Height adjustment on the door part
rather than on the base plate**

- back to back knuckles stay in alignment even with adjustment
- in case of twin hinges each door can be independently adjusted, all other hinges allow only joint adjustment of both doors
- continuously ± 2 mm



**Safety screw put into place
in the factory**

Other hinges need to put this screw into place only after height adjustment of the doors at the mounting site.

Further adjustments were very hard to establish.

The application on-site was expensive and, if forgotten, caused expensive call backs.



PRAMETA

SERIES 3000

Single pivot hinges

Technical information

- Quick RAPID mounting without tools
- Continuous height adjustment ± 2 mm
Doors can be adjusted separately for twin application as well
- Door overlay can be adjusted on the base plate in both directions $+1/-2$ mm continuously, hinge knuckle stays at the door edge, no gap between knuckle and door
- Depth adjustment ± 1 mm
- Safety screw on the base plate is pre-mounted in the factory and does not affect lateral and height adjustment
- Door thicknesses 16 - 21 mm
- Cup hole $\varnothing 35$ mm, depth 13 mm
- Separate mounting of cup and base plate
- Pre-mounted expansion dowels with screws allow efficient fastening in the factory and on-site
- Free interior space for drawers and modular systems (no door protrusion at 140° opening and more)
- All versions with catch
- Secured axle
- Wear resistant, heavy duty plastic bearings
- Execution in precise zinc die casting, nickel plated

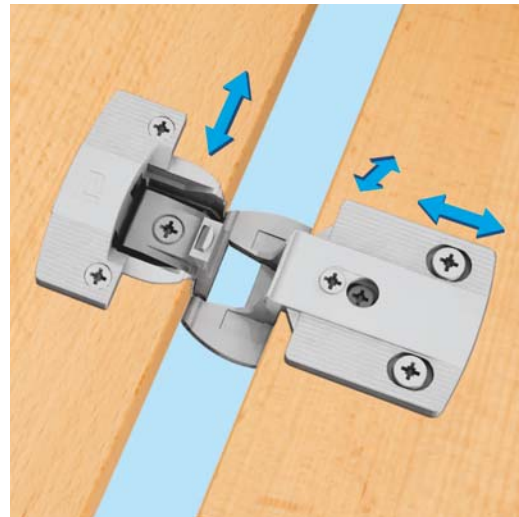
Single pivot hinges from Prameta tested in accordance with ANSI Grade 1 and DIN ISO

		ANSI Grade 1 (internationally the hardest standard for furniture hinges)	DIN 68857 Standard
Durability test			
Door weight	kg	18	9
Cycles number		100.000	80.000
Door sag	mm	0,76	2,0
Security test			
Additional weight	kg	72	30
Door sag	mm	0,76	no door fall

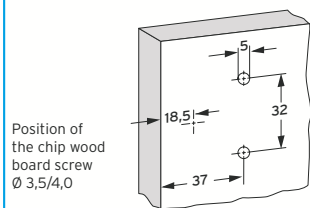
 **PRÄMETA**

 **SERIES 3000**
Single pivot hinges

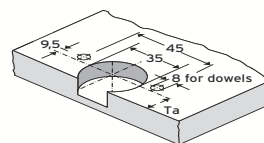
- Finally the perfect gap appearance with institutional furniture
- Cutting edge 3D adjustment
- Sophisticated design
- Optimized quick mounting technique, outstanding stability and long durability
- Visible knuckle of 5 mm
- Slim gap appearance for single cabinets and storage walls
- Gaps of 4 or 6 mm for full, half-overlay and twin application
- Opening angle up to 270°
- Unified cup for all versions
- Cup rim cover and edge protection
- Tested in accordance with ANSI Grade 1



Drilling pattern for overlay doors

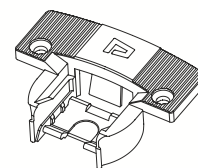





Cup hole



Ta = cup distance 12,5 mm
Drilling depth 13 mm,
Cup fastening with chip wood board screw \varnothing 3,5 mm
Tip: For boards with HPL finish chamfer dowel holes

**Unified cup for all versions
(to be ordered separately)**



		
3031R10 N		50
3031R20 N		50

 **PRAMETA**

 **SERIES 3000**
Single pivot hinges

 **SERIES 2000**
Single pivot hinges

x = max. 100 mm

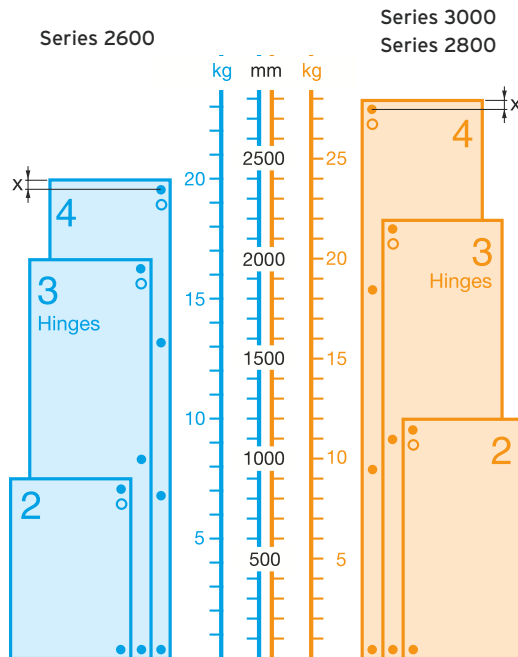
Door width up to 600 mm
(In case of hinge no. 2620 the width to be limited to 500 mm and the door weight respectively reduced)

Doors should be no wider than high.
Otherwise appropriate additional measures should be taken

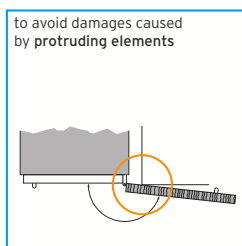
In case of doors under 400 mm width wider gaps must apply.
Please determine appropriate gap by trial

○ = in case of heavy usage (f. ex. prop ups) an additional hinge placed approx. 100 mm below the upper hinge is recommended

Tips for correct application



Heavy doors require good chip wood board quality.
Recommendations for 19 mm board with a density of 750 kg/m³.



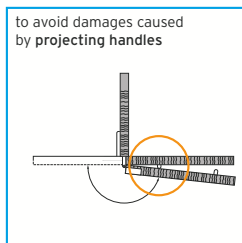
Opening angle limit



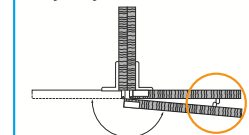
flexible plastic woven strap

- can be continuously adjusted up to 120°
- easy to be mounted at a later stage

Accessories

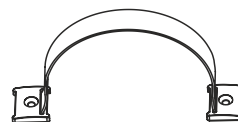


In case of single cabinets with half-overlay (danger of handles being wedged in)



Better: choose flush application!

Clothes guard



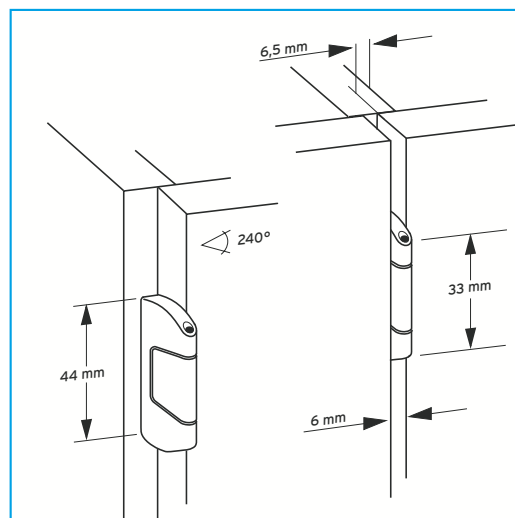
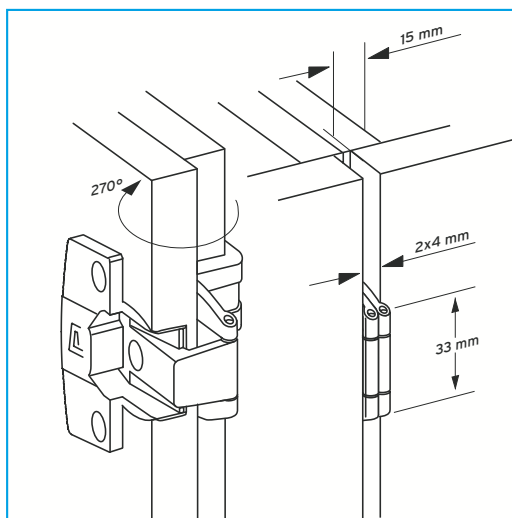
- Prevents any catch-in of clothes











 **PRÄMETA**

 **SERIES 3000**
Single pivot hinges

- For gaps of 4 and 6 mm
- For single cabinets and storage walls
- Opening angle up to 270°
- Optimized quick mounting system
- Unified cup for all versions
- Cup rim cover and edge protection
- Tested in accordance with ANSI Grade 1



						NORM
3820 R 91 N		270°	4	19 / 15	19 / 19-21	ANSI
3640 R 91 N		240°	6	12 / 6,5	19 / 19-21	ANSI
3650 R 91 N		180°	6	12 / 6,5	19 / 19-21	ANSI

Subject to technical modifications. Misprinting and other errors excepted from guarantee. • 06.09

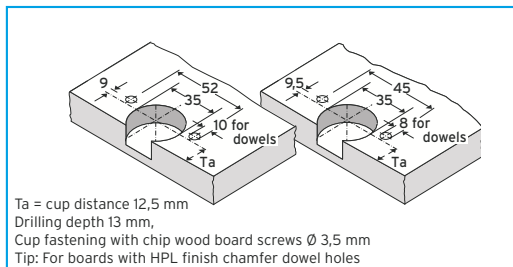
 **PRAMETA**

 **SERIES 2000**

Single pivot hinges

- Visible knuckle of 5 or 7 mm
- Precise and continuous height adjustment ± 2 mm easy to activate
- Door overlay adjustment in the cup up to 3 mm, secured against fall out
- Separate mounting of door and base plate is possible
- Pre-mounted expansion dowels with screws allow efficient fastening in the factory and on-site

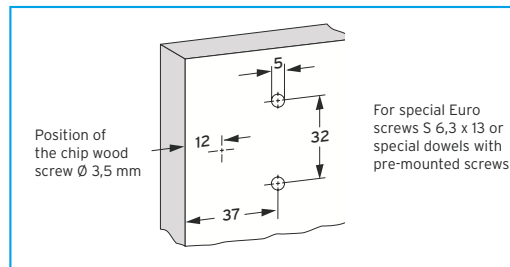
Door drilling pattern for all cups



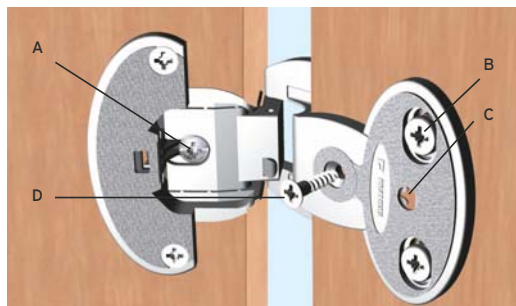
Technical information

- Door thicknesses 16 - 21 mm
- Cup hole \varnothing 35 mm, depth 13 mm
- Free interior space for drawers and modular systems (no door protrusion at 140° opening and more)
- All versions with catch
- Secured axle
- Wear resistant, heavy duty plastic bearings
- Execution in precise zinc die casting, nickel plated

Base plate drilling patterns for overlay doors



Accessories and tips for correct application see page 6

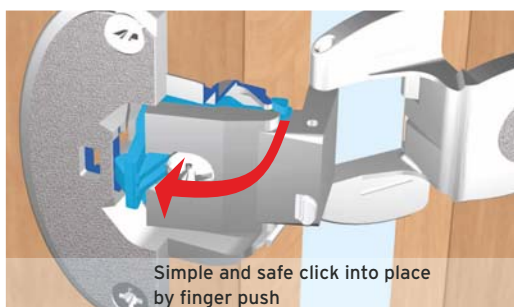


Door overlay adjustment

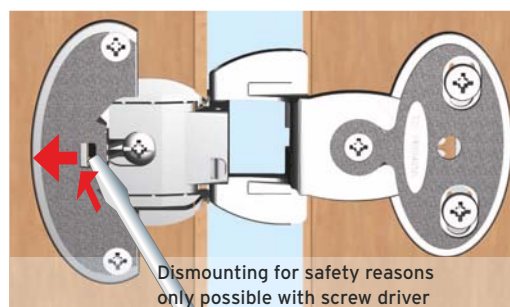
- Loosen screw A, adjust the gap, re-tighten the screw again

Height adjustment

- Loosen screws B
- Activate the mechanism by pressing with screwdriver onto the window C
- Adjust the doors by turning the screw driver (± 2 mm)
- Re-tighten screws B.
- Finally the chip wood board screw D (\varnothing 3,5 mm) has to be screwed in.



Simple and safe click into place by finger push



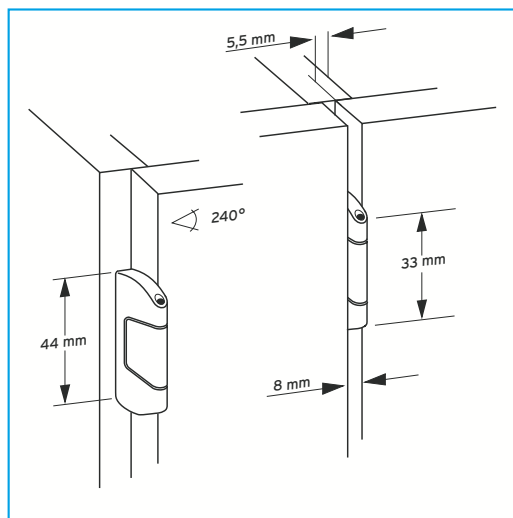
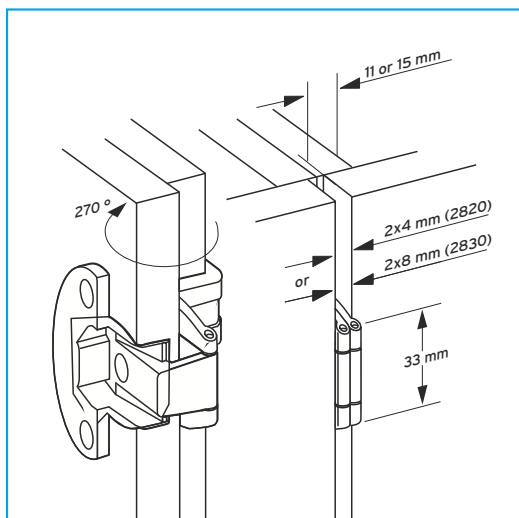
Dismounting for safety reasons only possible with screw driver










 **PRÄMETA**

 **SERIES 2800**

Single pivot hinges for overlay doors

- For gaps of 4 and 8 mm
- For single cabinets and storage walls
- Opening angle up to 270°
- Quick mounting RAPID - without tools - or conventional screw on version
- Unified cup for all versions
- Cup rim cover and edge protection
- Finger protection with some versions
- Good for institutional and office furniture



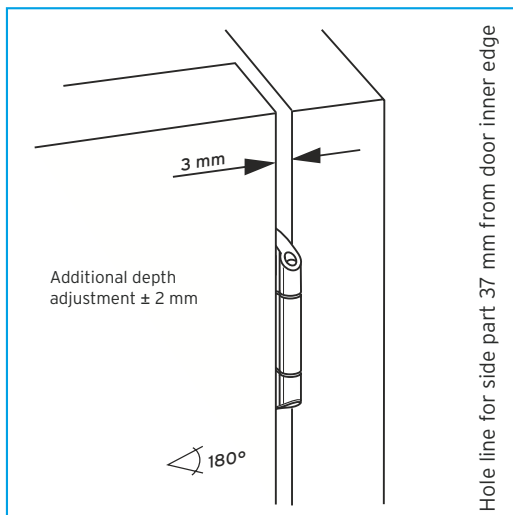
						NORM R S	
2820 ^R / _S 61 N		50	270°	4	19 / 15	19 / 19-21	DIN ANSI
2830 ^R / _S 61 N		50	270°	8	19 / 11	19 / 19-21	DIN ANSI
2840 ^R / _S 61 N		50	240°	8	13 / 5,5	19 / 19-21	DIN ANSI
2850 ^R / _S 61 N		50	180°	8	13 / 5,5	19 / 19-21	DIN ANSI







When choosing Euro screws instead of pre-mounted dowels order base plate S 51 N

Subject to technical modifications. Misprinting and other errors excepted from guarantee. • 06.09

 **PRAMETA**

 **SERIES 2600**
Single pivot hinges for inset doors








R = Quick mounting S = Screw on version					NORM R S G			
3D adjustment	2660 ^R _S 91 N		50	180°	3	19 / 19-21	DIN	ANSI
When choosing Euro screws instead of pre-mounted dowels order base plates S 81 N								
3D adjustment	2660G81 N		50	180°	3	19 / 4-8	DIN	
In case of 2660G81 N fastening screws and plastics are included								

Unified cup for all models
(to be ordered separately)


- Quick mounting RAPID - without tools - or conventional screw on version
- To be screw-mounted or dowel-mounted
- Cup Ø35 mm
- Drilling pattern 52/9 mm or 45/9,5 mm
- 10 mm dowel in case of drilling pattern 52 mm
- 8 mm dowel in case of drilling pattern 45 mm




R = Quick mounting S = Screw on version			
45 / 9,5	2031 ^R _S 10 N		50
45 / 9,5	2031 ^R _S 20 N		50
52 / 9	2030 ^R _S 10 N		50
52 / 9	2030 ^R _S 20 N		50

Spacer for SERIES 2000

- For carcass boards under 19 mm
- can be stockpiled
- made of clear plastic material

		
1,0 mm	2410	100
1,5 mm	2415	100

Special Euro screws for base plate fastening

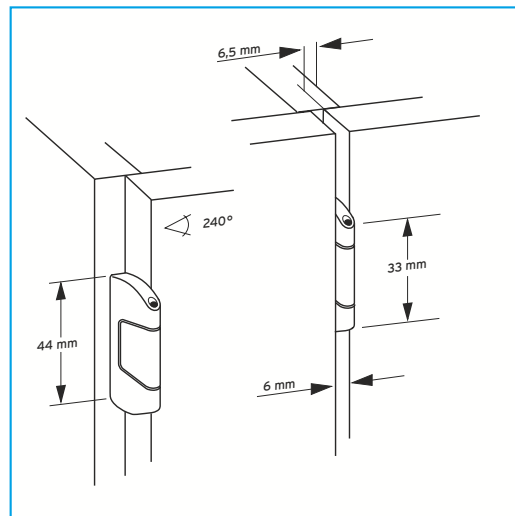
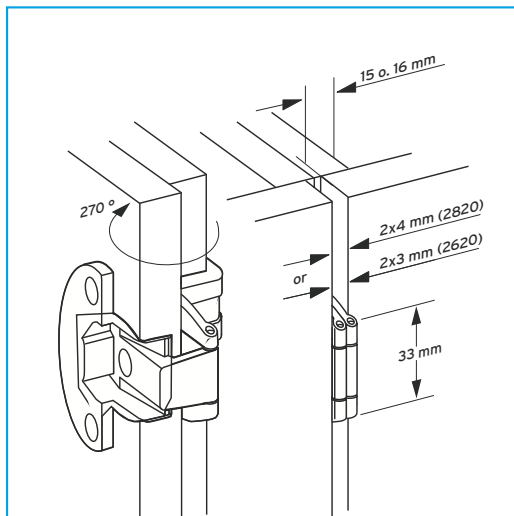
		
10 mm	6,3 x 10 S 2000	200
13 mm	6,3 x 13 S 2000	200
16 mm	6,3 x 16 S 2000	200















 **PRÄMETA**

 **SERIES 2600**

Single pivot hinges for overlay doors

- For gaps of 3 and 6 mm
- For single cabinets and storage walls
- Opening angle up to 270°
- Quick mounting RAPID - without tools - or conventional screw-mounting
- Unified cup for all versions
- Cup rim cover and edge protection
- Good for institutional and office furniture



							NORM R S	
2820 ^R / _S 61 N			50	270°	4	19 / 15	19 / 19-21	DIN ANSI
2620 ^R / _S 61 N			50	270°	3	19 / 16	19 / 19-21	DIN
2640 ^R / _S 61 N			50	240°	6	12 / 6,5	19 / 19-21	DIN
2650 ^R / _S 61 N			50	180°	6	12 / 6,5	19 / 19-21	DIN

When choosing Euro screws instead of pre-mounted dowels order base plate S 51 N

Subject to technical modifications. Misprinting and other errors excepted from guarantee. • 06.09

 **PRAMETA**

SERIES 3000 FLAT HINGE

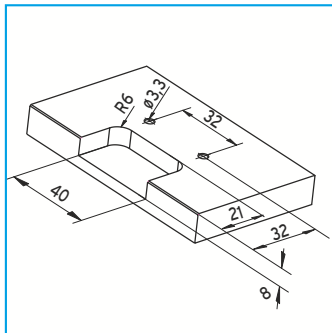
Special single pivot hinges

Technical information

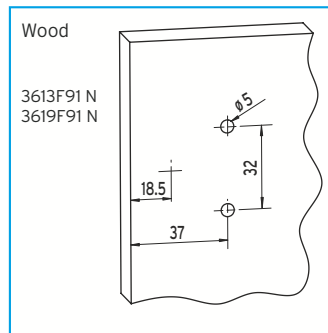
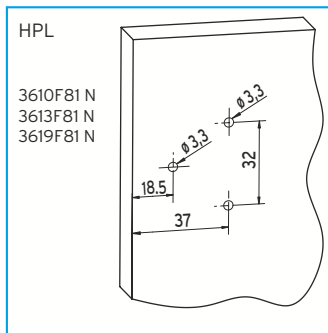
- Visible knuckle of 5 mm
- Opening angle up to 270°
- Height adjustment in the door part ± 2 mm, easy to activate
- Door overlay can be adjusted on the base plate in both directions $+1/-2$ mm continuously, the hinge knuckle stays at the door edge, no gap between knuckle and door
- Depth adjustment ± 1 mm
- Safety screw for the base plate is pre-mounted in the factory and has no influence on the lateral and height adjustment
- Cup and base plate strongly axled
- Overlay and half-overlay application for 10, 13 and 19 mm carcass
- Door thicknesses 10 and 13 mm
- Free interior space for drawers and modular systems (no door protrusion at 140° opening and more)
- All versions with catch
- Secured axle
- Wear resistant, heavy duty plastic bearing
- Execution in precise zinc die casting, nickel plated (other finishes available as well)

Tested in accordance with ANSI Grade 1, details see page 4

Drilling pattern for door



Drilling pattern base plate

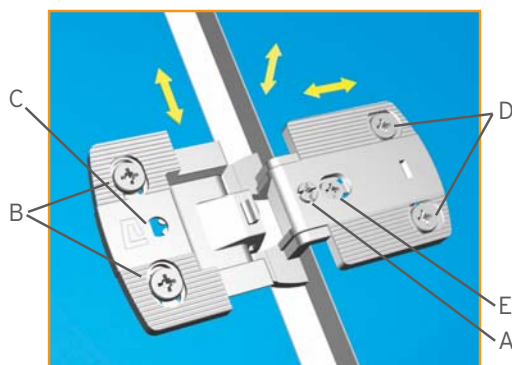


Screw fastening:

In HPL with self-tapping screws with special anti-corrosion protection finish (come with the hinge)

in wood through expansion dowels with pre-mounted screws

Tips for correct application and number of hinges see page 6



Door overlay adjustment

In turning the screw A adjust continuously the overlay in both directions

Height adjustment

Loosen screws B
Activate the height adjustment by pushing with screw driver into window C
In turning the tool continuously adjust the doors (± 2 mm)

Depth adjustment

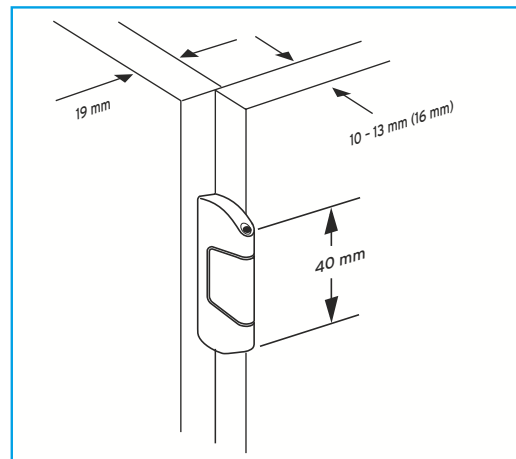
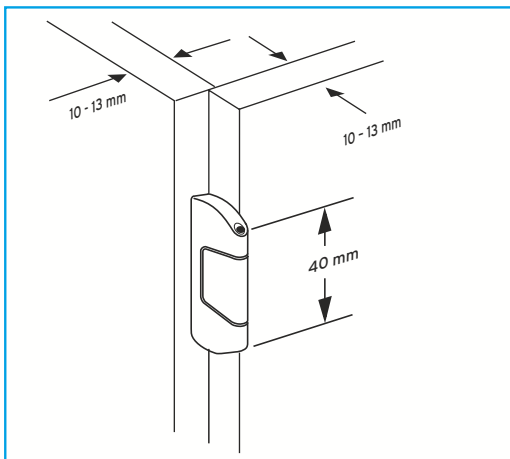
Loosen screws D and E and adjust manually in the prolonged hole






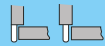




Safety screw E has to be put into place during the door mounting. 3D adjustment is not affected by that.

 **PRÄMETA**

SERIES 3000 FLAT HINGE Special single pivot hinges

- Special hinge for thin doors and compact boards (HPL)
- Flat design - suitable for modular systems
- Cutting edge 3D adjustment
- Outstanding quality and long durability



						NORM	
3610F81 N		50	270° 240°	6	9,5 / 3,5	10 / 10-13 13 / 10-13	ANSI
3613F81 N		50	270°	6	13 / 7	13 / 10-13	ANSI
3619F81 N		50	270°	6	19 / 13	19 / 10-13	ANSI
3613F91 N		50	240°	6	13 / 7	19 / 10-13	ANSI
3619F91 N		50	270°	6	19 / 13	19 / 10-13	ANSI

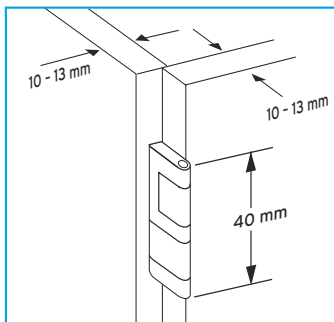
Self tapping screws come with the hinge

Subject to technical modifications. Misprinting and other errors excepted from guarantee. • 06.09

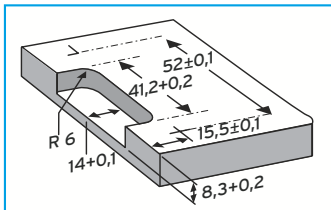
 **PRAMETA**

 **FLAT HINGE**
Special single pivot hinge

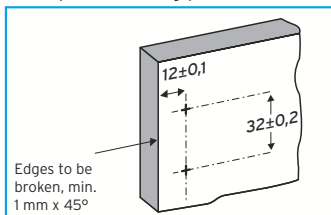
- Special hinge for thin doors and compact boards (HPL)
- Flat base plate, only 4,5 mm high - suitable for modular systems
- Full overlay, half overlay and twin application
- Opening angle up to 240°
- Knuckle of 5 mm



Door drilling pattern










Base plate drilling pattern



Recommended fastening with self tapping screws 3,9 x 9,5 mm (Pre-drilled hole Ø 3,3 mm) with special anticorrosion protection finish.



- With catch
- Door overlay adjustment - 1 mm
- Height adjustment ± 2 mm
- No door protrusion at 140° opening and more
- Hardened steel axle, based 4 times in polyamide bushings - maintenance free
- Secured axle
- Robust precision zinc die casting, standard version on nickel plated, black finish or corrosion resistant finish on request
- **Stainless steel version for single hinge**

						NORM	
364FL51 N		100	240°/270°	6	7,5 / 2,0 * 9 / 3,5	10 / 10-13 13 / 10-13	ANSI ANSI
365FL51 N		50	180°	6	9 / 3,5	13 / 10-13	ANSI
364FL D 1,5		50	Spacer		* for 10 mm boards in combination with spacer D 1,5 mm		

Self tapping screws come with the hinge

HINGE FOR FOLDING DOORS

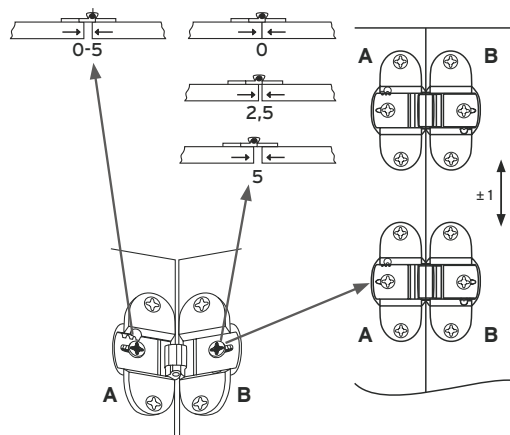
Special single pivot hinge

- For free swinging and guided folding doors
- Both end positions stabilized through double acting spring of stainless steel
- Robust zinc die cast execution
- Solid barrel
- Flat folding of the wing elements
- Adjustable offset of the turning point
- Height adjustment ± 1 mm
- Constant spring load, independent of the gap and turning point offset
- Pivot bearings of heavy duty plastic bushings
- Factory setting with 3 mm gap



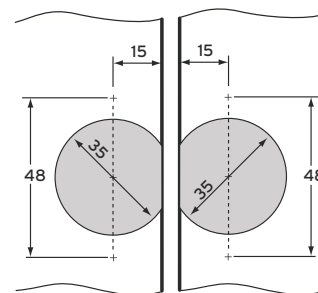
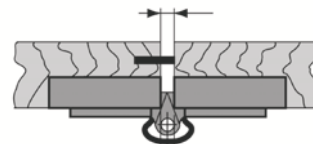
Symmetrical and/or asymmetrical adjustment of the wing elements

Height adjustment







In case of free-swinging doors the total max. width of both panels is 600 mm
Application tips see page 6

To hold the wing elements flat install a support



Drilling pattern
Drilling depth 9 mm
Cup fastening with chip wood board screws $\varnothing 4$ mm

					NORM
2002 N	50	180°	0 - 10	≥ 13	DIN
Nickel plated		Black finish on request			

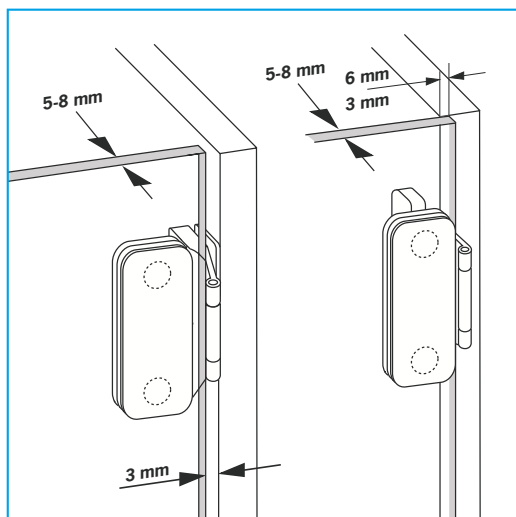
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






 **PRAMETA**

 **GLASS DOOR HINGE**

Single pivot hinge

- For overlay and inset doors
- Safe fastening in through-holed glass
- Visible knuckle of 5 mm
- Short, flat base plate
- Elegant front plates
- With catch
- Solid zinc die cast execution
- Available in various finishes
- Height adjustment ± 1 mm
- Lateral adjustment + 1 mm
- Fastening screws and plastic spacers are included



						NORM
N = Nickel plated MH = Brass plated S = Black						
334HG51 N / MH / S		50	230°	3	$\frac{6}{3}$	16-19 / 5-8 DIN
336HG51 N / MH / S		50	180°	3	inset	16-19 / 5-8 DIN

Available with 3D adjustment and baseplate for hole system 32/37. Art. no. 2660G81 N

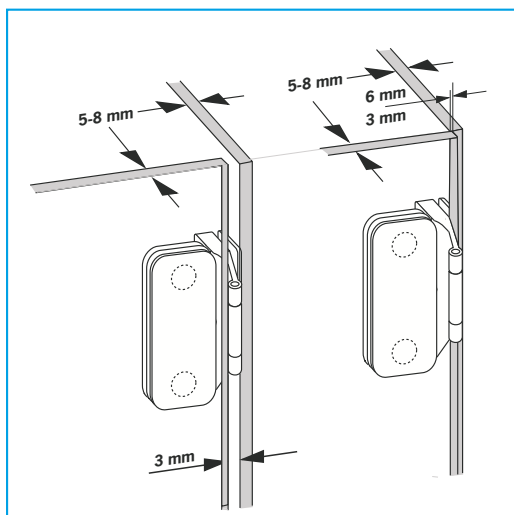
Drilling patterns and further technical details see page 18








 **PRAMETA**

GLASS TO GLASS HINGE

Single pivot hinge

- For glass to glass applications
- Safe fastening in through-holed glass
- For overlay and inset doors
- Visible knuckle of 5 mm
- Short, flat base plate
- Elegant front plates
- With catch
- Solid zinc die cast execution
- Available in various finishes
- Height adjustment ± 1 mm
- Lateral adjustment + 1 mm
- Fastening screws and plastic spacers are included



						NORM	
334GG51 N / MH / S		20	260°	3	$\frac{6}{3}$	5-8 / 5-8	DIN
336GG51 N / MH / S		20	190°	3	inset	5-8 / 5-8	DIN

Drilling patterns and further technical details see page 18

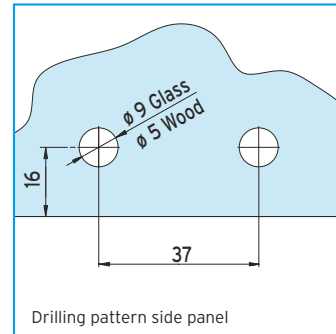
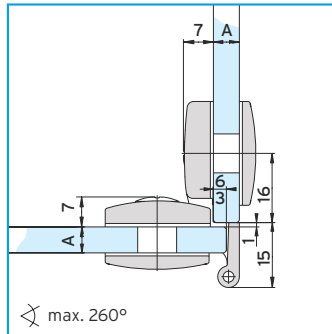
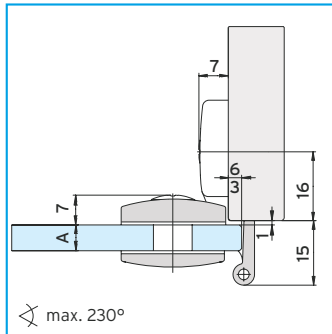
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PRÀMETA

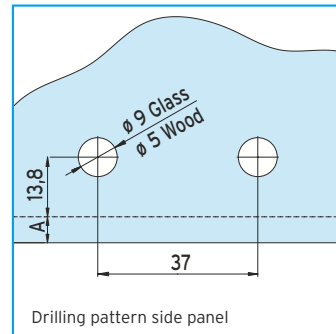
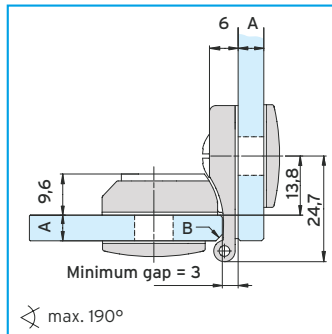
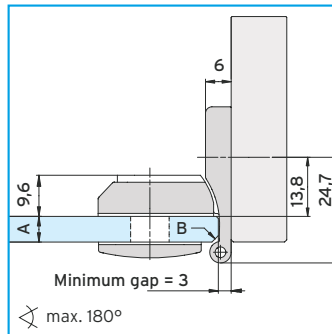
HINGES FOR GLASS DOORS

Technical Information

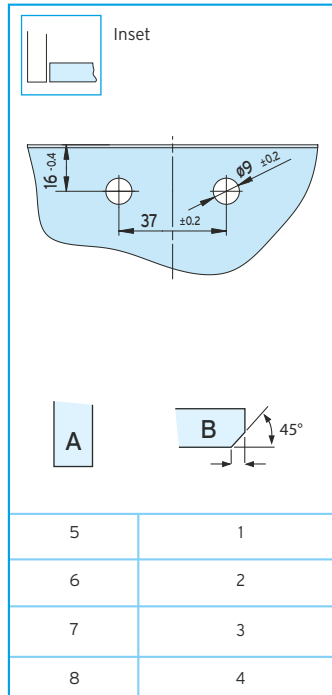
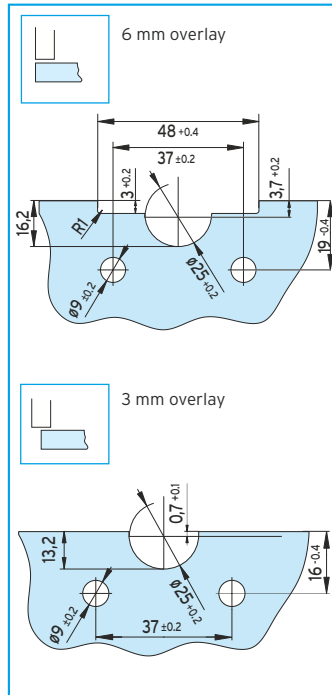
Overlay application



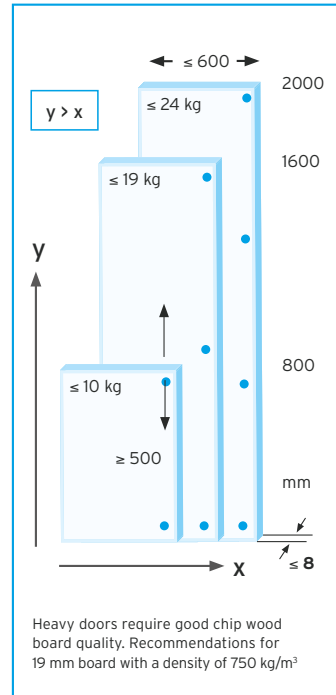
Inset application



Drilling pattern glass door









Number of hinges



PROGRAM OUTLINE

Application					Application / Opening angle max.			Application details			Pages
Wood	HPL	Wood	Wood	Glass	Overlay hinge	Half overlay hinge	Twin hinge	Carcass / Door	Gap	Door overlay	
/	/	/	/	/	Single cabinets	Single cabinets and storage walls		mm	mm	mm	
Wood	HPL	HPL	Glass	Glass							
●					270° 3-D			19 / 16 - 21	4	15	4 - 7
●						180°-240° 3-D	180° 3-D	19 / 16 - 21	6	6,5	4 - 7
●					270°			19 / 16 - 21	3	16	8 - 11
●					270°			19 / 16 - 21	4	15	8 - 11
●					270°			19 / 16 - 21	8	11	8 - 11
●						180° - 240°	180°	19 / 16 - 21	6	6,5	8 - 11
●						180° - 240°	180°	19 / 16 - 21	8	5,5	8 - 11
●						180° 3-D		19 / 16 - 21	3	inset	10
	●				270° 3-D			10 / 10 - 13	6	3,5	12-13
	●					180°-240° 3-D		13 / 10 - 13	6	3,5	12-13
	●				270° 3-D			13 / 10 - 13	6	7	12-13
		●				240° 3-D		19 / 10 - 13 (16)	6	7	12-13
		●			270° 3-D			19 / 10 - 13 (16)	6	13	12-13
	●					240°		10 / 10 - 13	6	2	14
	●					180° - 240°		13 / 10 - 13	6	3,5	14
	●						180°	13 / 10 - 13	6	3,5	14
			●			230°		16 - 19 / 5 - 8	3	6 / 3	16- 18
			●			180°		16 - 19 / 5 - 8	3	inset	16-18
				●	260°			5 - 8 / 5 - 8	3	6 / 3	16-18
				●	190°			5 - 8 / 5 - 8	3	inset	16-18

Symbol-Legend

						Finishes	NORM	
R = Quick mounting S = Screw on version	Application	Gap	Hinge / Door / overlay	Carcass / Door thickness	Opening angle max.	Packing unit	N = nickel plated MH = brass plated S = black finish	tested in acc. DIN ISO = DIN tested in acc. ANSI 1 = ANSI

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