

Tečaji za pohištvo

Furniture Hinges

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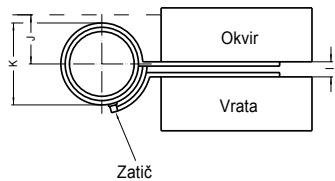
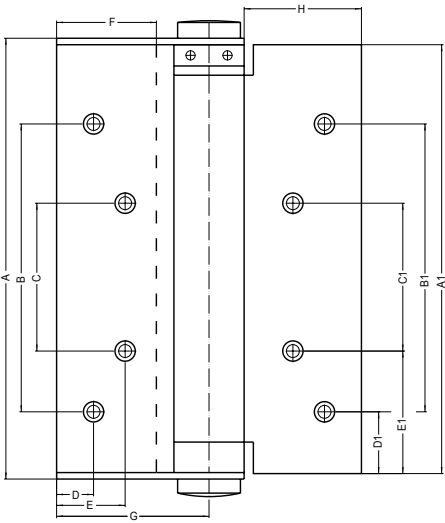
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Izdelek / Product:	Material / Material:	Skupina izdelkov / Product Group:
Nihajna spona	Cinkano jeklo	Tečaji

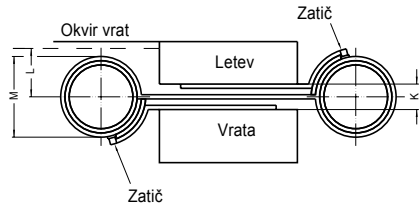
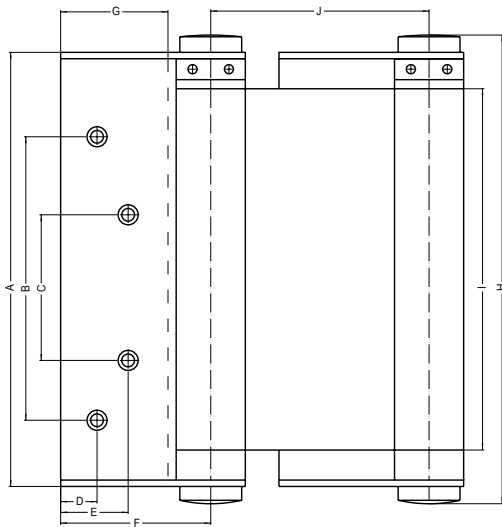


Naročniška številka Order nr.	Dolžina Length of knuckle		Širina vrat Door width		Višina vrat Door height		Debelina vrat Door thickness		Teža vrat Door weight	
SM 130-139-0	75 mm		610 mm		1800 mm		18 - 25 mm		15 kg	
SM 130-139-1	100 mm		735 mm		1900 mm		25 - 30 mm		22 kg	

Nar. št. Order nr.	A mm	A1 mm	B mm	B1 mm	C mm	C1 mm	D mm	D1 mm	E mm	E1 mm	F mm	G mm	H mm	I mm	J mm	K mm
-0	79,5	70	54	56	29	30	8	6	13	24	22	33,5	23	5	15	21
-1	100,5	95	79,5	75	45	45	9	7,5	15	20	25	37,5	27	5	15	21

*možna dobava tudi v INOX, nikljani, kromani in medeninasti izvedbi.

Izdelek / Product:	Material / Material:	Skupina izdelkov / Product Group:
Nihajna spona	INOX	Tečaji



Naročniška številka Order nr.	Dolžina Length of knuckle		Širina vrat Door width		Višina vrat Door height		Debelina vrat Door thickness		Teža vrat Door weight	
SM 129a-29	75 mm		610 mm		1800 mm		18 - 25 mm		15 kg	
SM 129a-30	100 mm		735 mm		1900 mm		25 - 30 mm		22 kg	

Nar. št. Order nr.	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	K mm	L mm	M mm
-29	79,5	54	29	8	13	22	33,5	93	60	47	10	15	21
-30	100,5	79,5	45	9	15	25	37,5	117	84	53	10	15	21

*možna dobava tudi v cinkani, kromani, nikljani in medeninasti izvedbi.

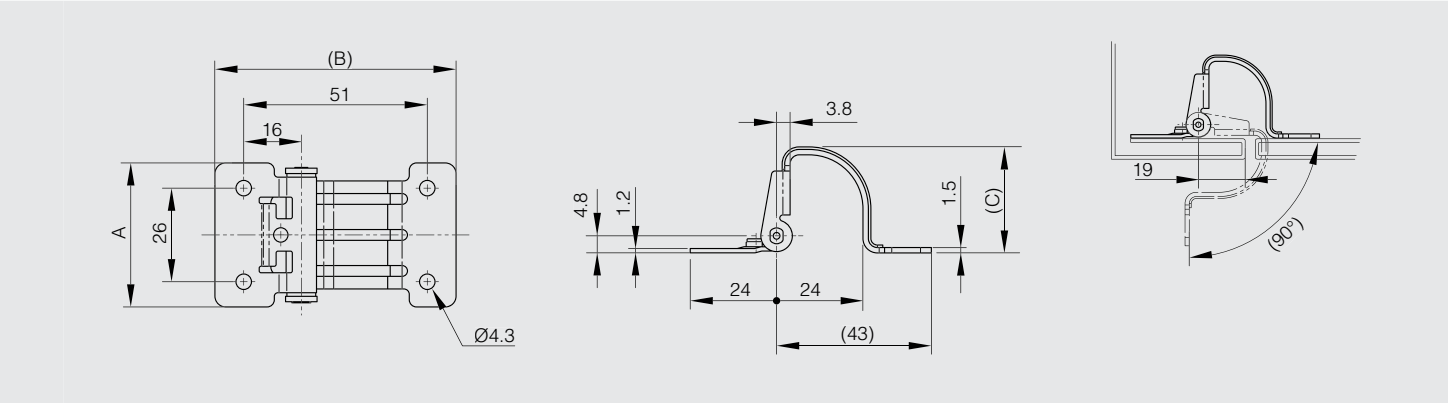


Concealed hinge with friction - 90° opening

Initial torque (0.7 N.m) may vary from -20% to +40%.
For indoor use only.
Can be used both for horizontal and vertical applications.



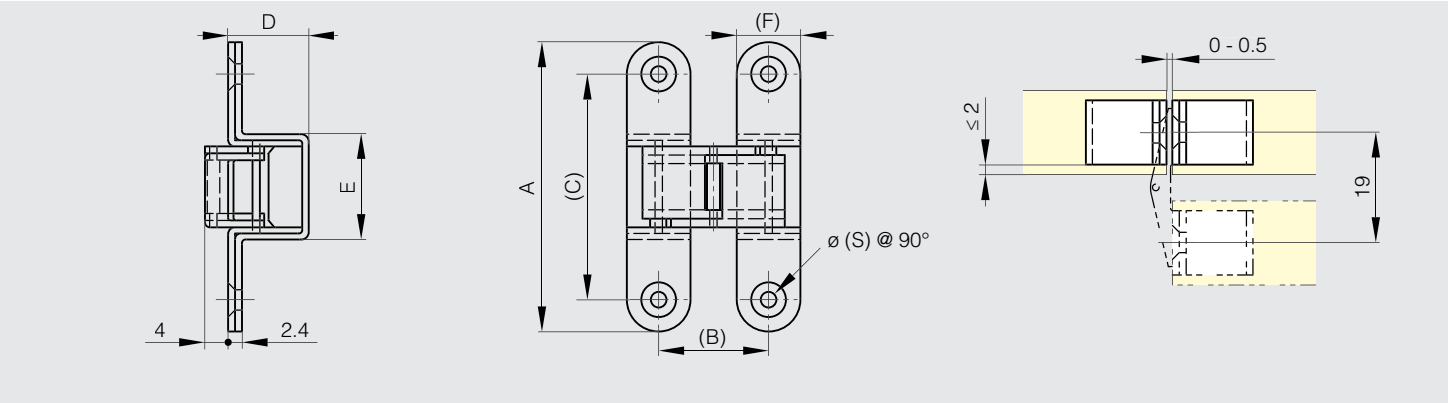
Part number	Material	Finish	A	B	C	Torque	Weight (g)
70-7-3623	304 stainless steel	polished	40	67	29.5	0.7 N.m	50



Concealed hinge - 180° opening



Part number	Material	Finish	A	B	C	D	E	F	S	Weight (g)
70-7-3544	304 stainless steel	satın	50	19	38	14	18.2	11	2.7	33

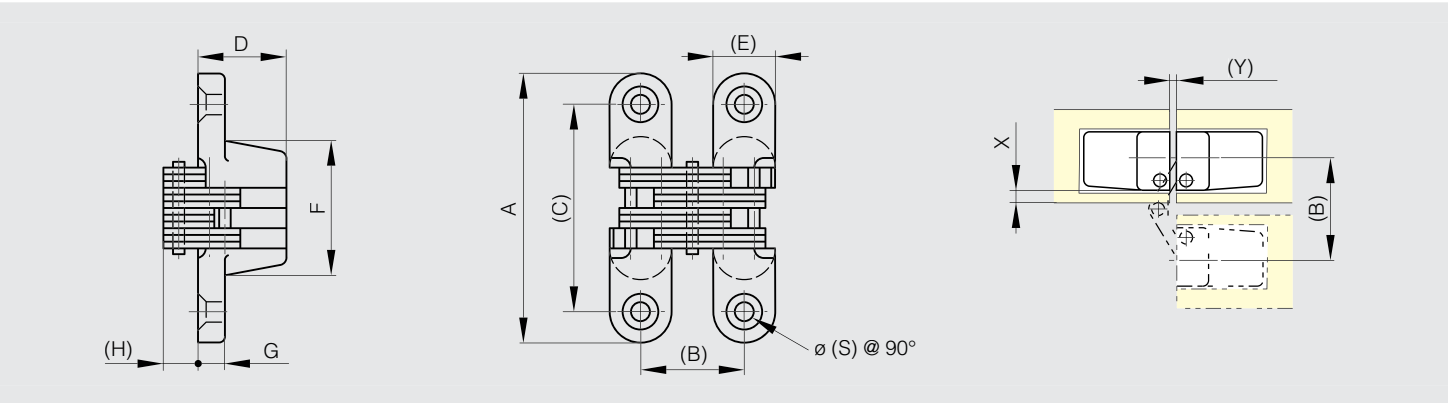


Multi link concealed hinges - 180° opening

Links and pins in 303 and 304 stainless steel.
A full product data sheet is available on our website.



Part number	Material	Finish	A	B	C	D	E	F	G	H	S	X	Y	Weight (g)
70-7-3539	zinc die-cast	chrome plated satin	43	18	32	13	11	22	5	5	3.5	≤ 2.3	0.8	36.6
70-7-3540	zinc die-cast	chrome plated satin	45	22.7	32	18.5	13	19	5	6	3.5	≤ 3	0.8	55
70-7-3541	zinc die-cast	chrome plated satin	60	22.2	47	18.5	13	33	6.5	6.5	4.3	≤ 3	1	100
70-7-3542	zinc die-cast	chrome plated satin	70	26.6	53	23	16.1	35	7	9	4.6	≤ 3.5	1.2	160
70-7-3543	zinc die-cast	chrome plated satin	100	33.2	80	27.5	20	52	9.5	9.5	5.3	≤ 4.8	1.8	350



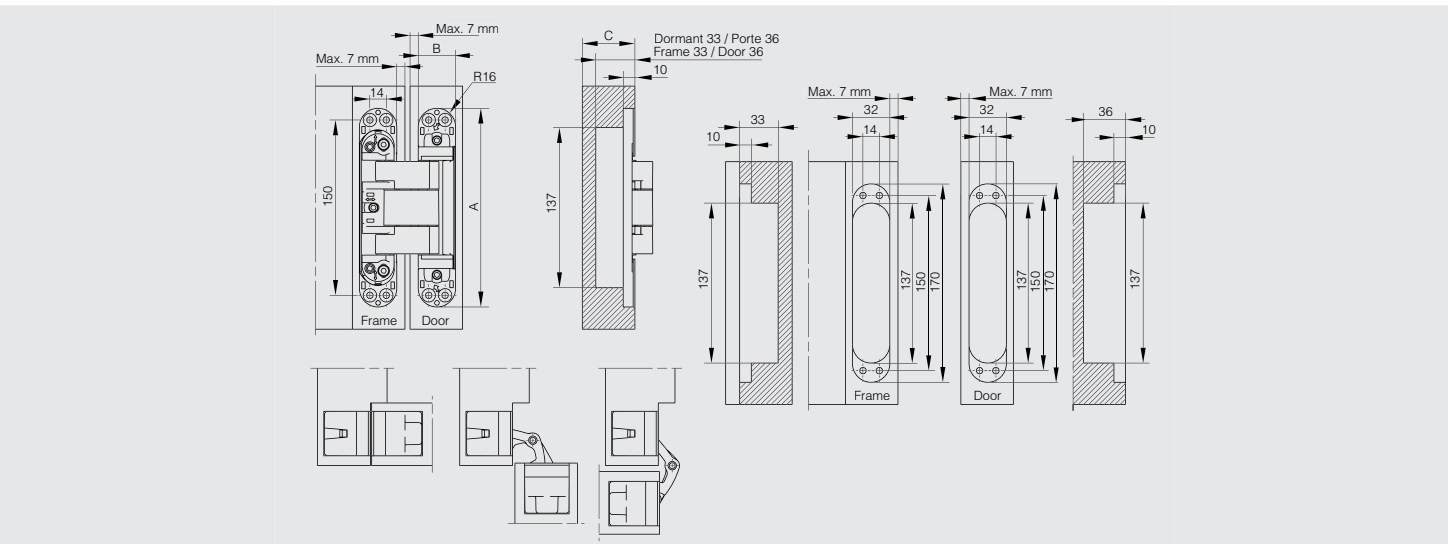
Concealed hinge - 3-D adjustable - 180° opening



3-D adjustable (height, width, depth) without removing the door.
Height adjustment: -3.0 / +3.0 mm.
Width adjustment: -3.0 / +4.0 mm.
Depth adjustment (pressure): -1.5 / +1.5 mm.
Universal: for left- and right-sided doors.
Can be installed in the frame and adjusted by just one person.
No visible screws.
Washers in POM.
Door thickness: min. 40 mm.
Door weight (for 2 hinges): up to 120 kg (Door size: max. 830 x 2015 mm).
Door weight (for 3 hinges): up to 150 kg (Door size: max. 830 x 2015 mm).



Part number	Material	Finish	A	B	C	Weight (g)
70-7-3624	zinc die-cast	chrome plated mat	170	32	>40	1255



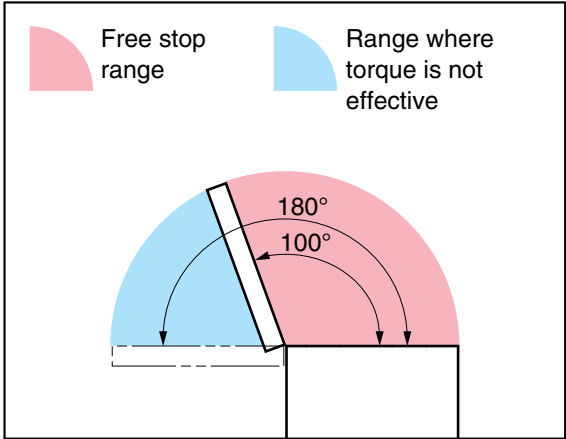
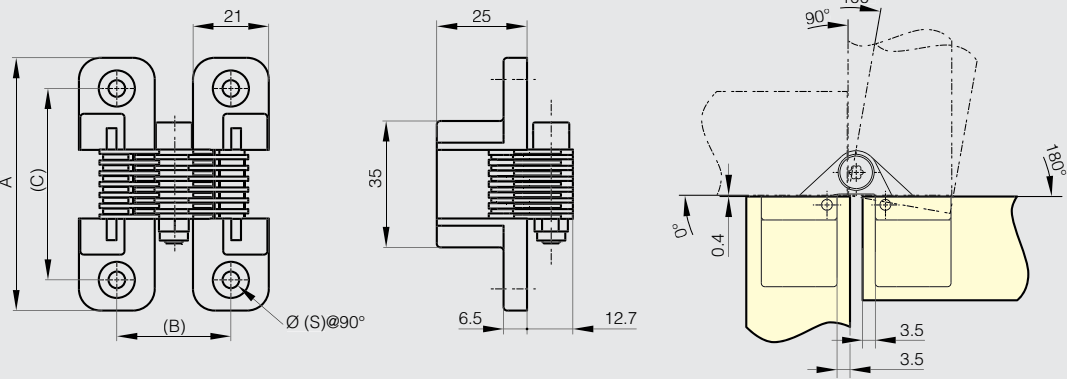


Concealed hinge with friction - 180° opening

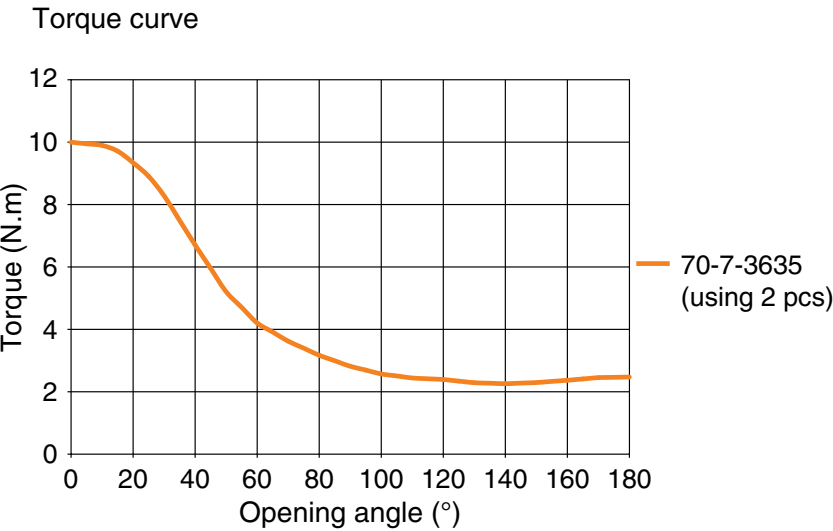
180° opening angle.
Free stop for safety. Maximum friction torque of 5 N.m for one hinge (when lid is closed).
Torque decreases as the opening angle increases, making easier to open the lid.



	Part number	Material	Finish	A	B	C	S	Weight (g)
NEW	70-7-3635	zinc die-cast	satin chrome	70	31.6	53	4.6	160



Install stopper to hold the door within the range where torque is not effective.



Concealed hinge A - 90° opening



- Main features:
- For nested doors or surface mounted doors.
 - High resistance to bending and twisting.
 - For horizontal or vertical applications.
 - 90° opening max.

Same installation as «Concealed hinge C - 90° opening».
Door thickness max. 20 mm.
Minimal gap of 0.5 to 1.5 mm between door and frame.
A full product data sheet is available on our website.



Part number	Material	Finish	A	B	Weight (g)
70-1-3628	steel	zinc plated	30.2	126.5	78

Concealed hinge B - 90° opening

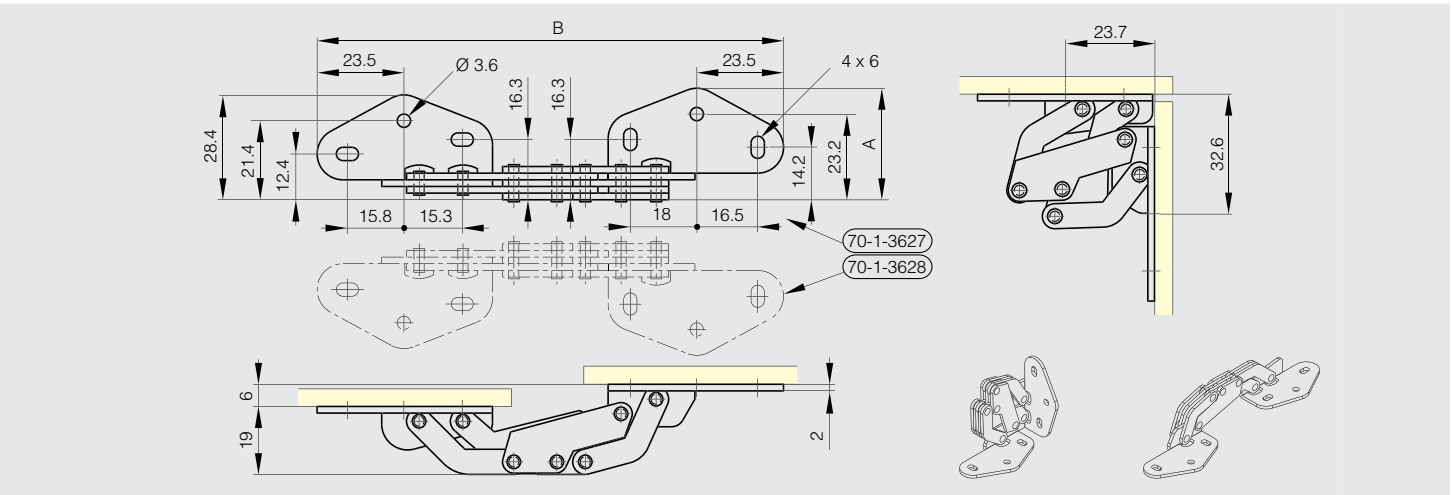


- Main features:
- For nested doors or surface mounted doors.
 - High resistance to bending and twisting.
 - For horizontal or vertical applications.
 - 90° opening max.

Same installation as «Concealed hinge C - 90° opening».
Door thickness max. 20 mm.
Minimal gap of 0.5 to 1.5 mm between door and frame.
A full product data sheet is available on our website.



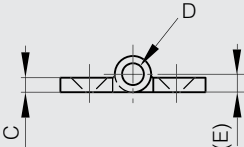
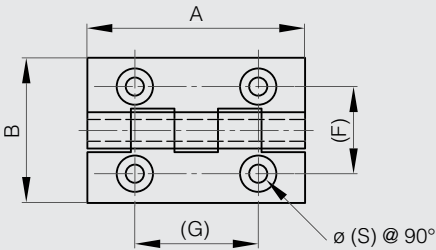
Part number	Material	Finish	A	B	Weight (g)
70-1-3627	steel	zinc plated	30.2	126.5	78



Brass hinges - 4 holes

304 stainless steel pin.

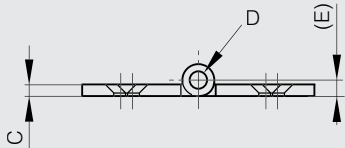
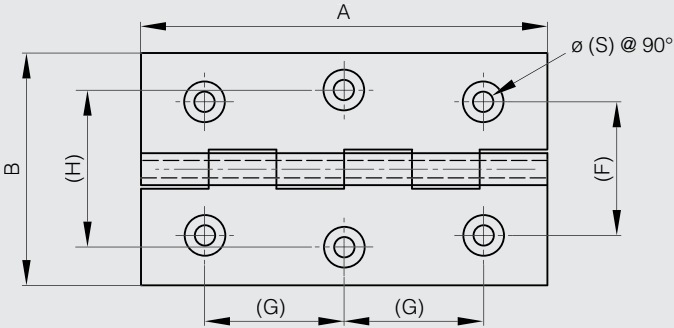
Part number	Material	Finish	A	B	C	D	E	F	G	S	Note	Weight (g)
72-7-3659	brass	raw	30	20	2	3	2.5	12.5	16.5	2.5	drilled	11.6
72-7-3660	brass	raw	30	30	2	3	2.5	19	17	2.5	drilled	15.8



Brass hinges - 6 holes B

304 stainless steel pin.

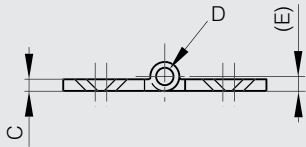
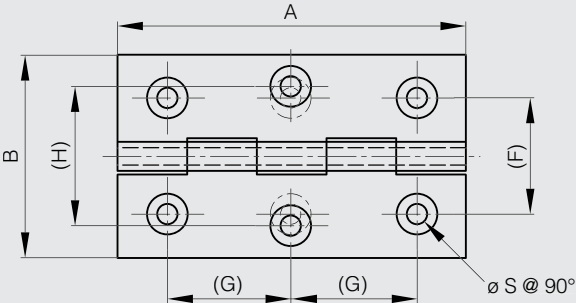
Part number	Material	Finish	A	B	C	D	E	F	G	H	S	Weight (g)
72-7-3668	brass	raw	70	40	2	3	2.25	23	24	27	3.5	52
72-7-3669	brass	raw	70	50	2.5	3.5	3.25	25	24	37	3.5	79
72-7-3670	brass	raw	80	45	2.2	3	2.25	22.5	29	30.5	3.5	72
72-7-3671	brass	raw	80	60	3	4	3.5	28	28.5	45	4	125



Brass hinges - 6 holes A

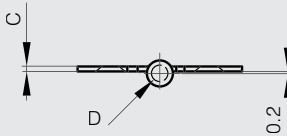
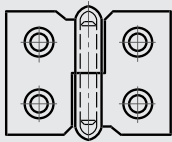
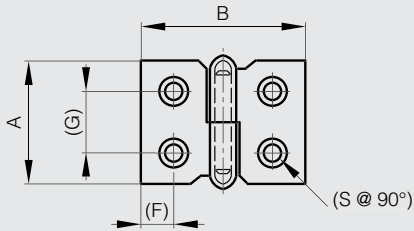
304 stainless steel pin.

Part number	Material	Finish	A	B	C	D	E	F	G	H	S	Weight (g)
72-7-3662	brass	raw	40	30	2	3	2.5	18	14		3	20.5
72-7-3663	brass	raw	40	35	2	3	2.5	21	14		3	24
72-7-3664	brass	raw	40	40	2	3	2.5	23	14		3	29
72-7-3665	brass	raw	50	30	2	3	2.5	17.5	17.5		3	26
72-7-3666	brass	raw	60	35	2	3	2.5	20	21.5	24	3.5	37
72-7-3667	brass	raw	60	40	2	3	2.75	21.5	21.5	26	3.5	43.5



Lift-off hinges 30 mm long

Part number	Material	Finish	A	B	C	D	F	G	S	Note	Weight (g)
14-7-3390	steel	nickel plated	30	40	1.2	4	7.7	15	3	type 1	16
14-7-3391	steel	nickel plated	30	40	1.2	4	7.7	15	3	type 2	16

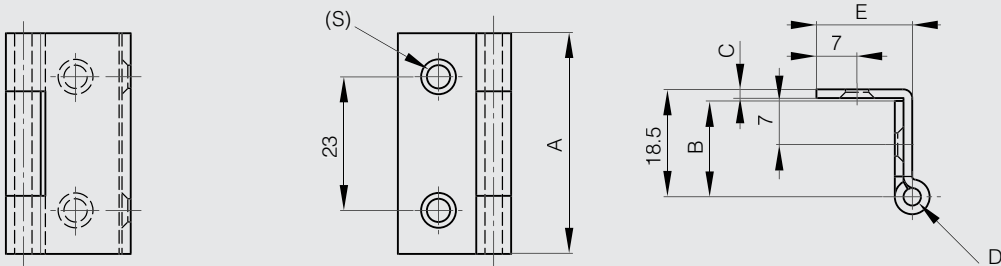


Small butt hinge with one cranked leaf 38 mm

304 stainless steel headed pin.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
63-1-3301	brass	chrome plated	38	16.5	1.5	3	16.5	4	29

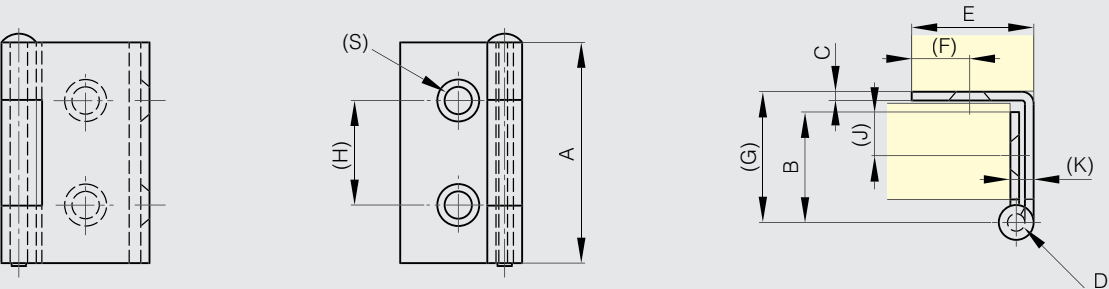


Small butt hinges with one cranked leaf and removable pin 38 mm

Removable pin.



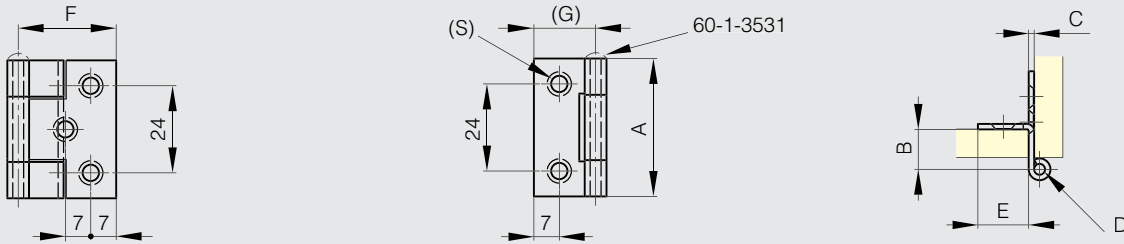
Part number	Material	Finish	A	B	C	D	E	F	G	H	J	K	S	Pin material	Weight (g)
60-1-3331	steel	chrome plated	38	19	1.5	3	17	8	23	26	7	3.5	4	nickel plated steel	31
60-1-3332	steel	chrome plated	38	19	1.5	3	19	10	24.5	18	7.5	4	4.7	nickel plated steel	31
60-1-3330	steel	chrome plated	38	19	1.5	3	21	10	22.5	18	7.5	4	4.7	nickel plated steel	31
60-1-3342	steel	black cataphoresis	38	19	1.5	3	21	10	22.5	18	7.5	4	4.7	raw steel	31



Small butt hinges with one cranked leaf 38 mm



Part number	Material	Finish	A	B	C	D	E	F	G	S	Pin material	Weight (g)
60-1-3525	steel	chrome plated	38	7	1.5	3	18	27	21	4.5	304 stainless steel	24
60-1-3327	steel	chrome plated	38	11	1.5	3	14	27	17	4.5	304 stainless steel	24
60-1-3329	steel	nickel plated	38	11	1.5	3	14	27	17	4.5	304 stainless steel	24
60-1-3797	steel	black zinc plated	38	11	1.5	3	14	27	17	4.5	304 stainless steel	24
62-1-3628	316L stainless steel	raw	38	15	1.5	3	14	31	17	4.5	316L stainless steel	24

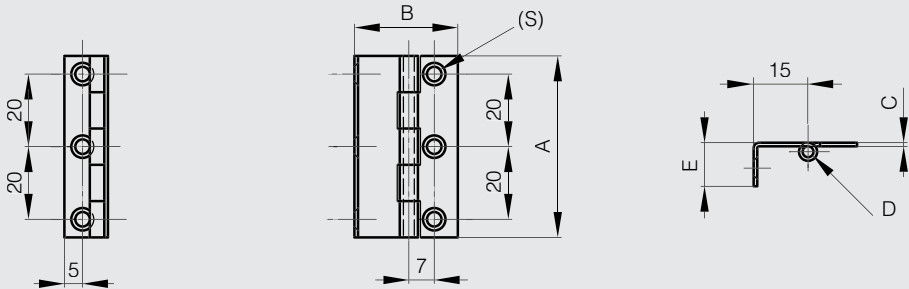


Small butt hinge with one cranked leaf 50 mm

304 stainless steel pin.
For door thickness max. 11 mm.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
62-1-3300	430 stainless steel	polished	50	28.5	1	3	12	4	20





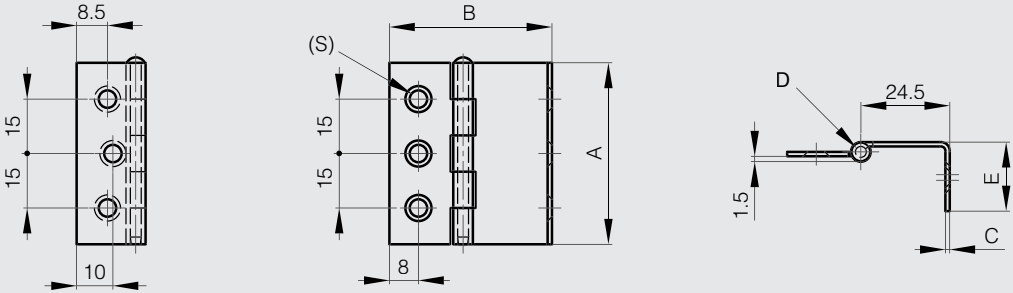
Cranked hinges

Small butt hinge with one cranked leaf and removable pin 50 mm

Removable pin.
Door thickness: max. 20 mm.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
62-1-3301	430 stainless steel	polished	50	44.8	1.2	3	19	4.8	33

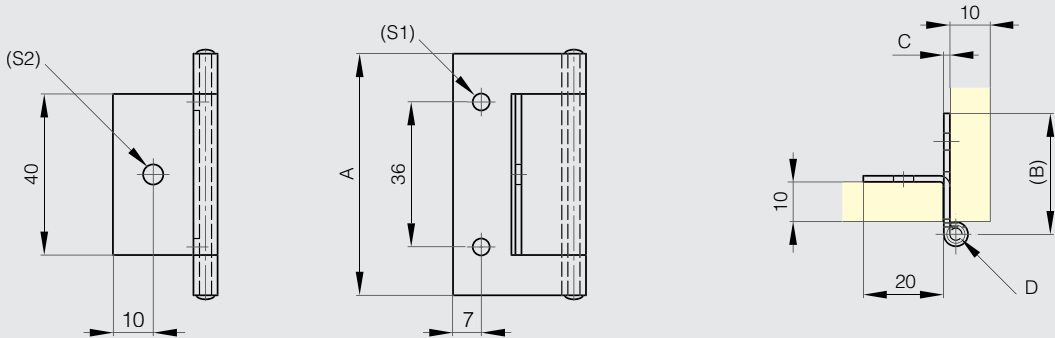


Small butt hinge with one cranked leaf 60 mm

The same hinge is available with a spring (part number 71-1-3622).



Part number	Material	Finish	A	B	C	D	S1	S2	Weight (g)
62-1-3625	316L stainless steel	brightened	60	30	1.5	3	4.2	5	40



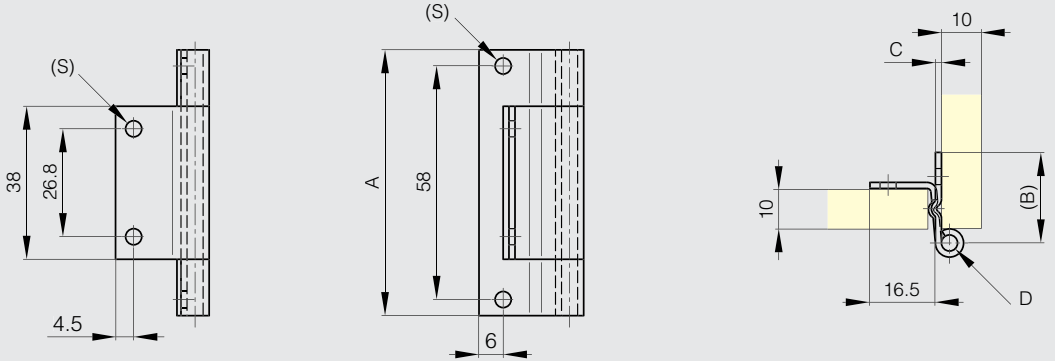
Cranked hinges

Small butt hinge with one cranked leaf 66 mm

The same hinge is available with a spring (part number 71-1-3649).
Pin in 316 stainless steel.



Part number	Material	Finish	A	B	C	D	S	Weight (g)
62-1-3637	316 stainless steel	brightened	66	22.5	1.5	4	4	310

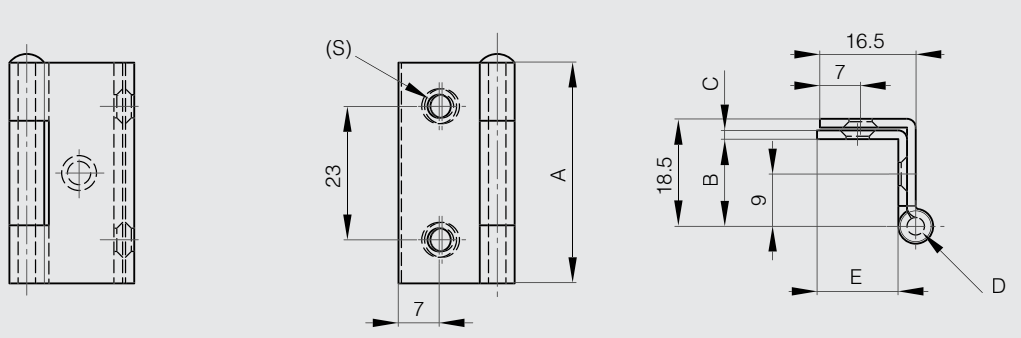


Small butt hinge with two cranked leaves and removable pin 38 x 18.5 mm

304 stainless steel removable pin.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
63-1-3300	brass	chrome plated	38	15	1.5	3	14	4	36

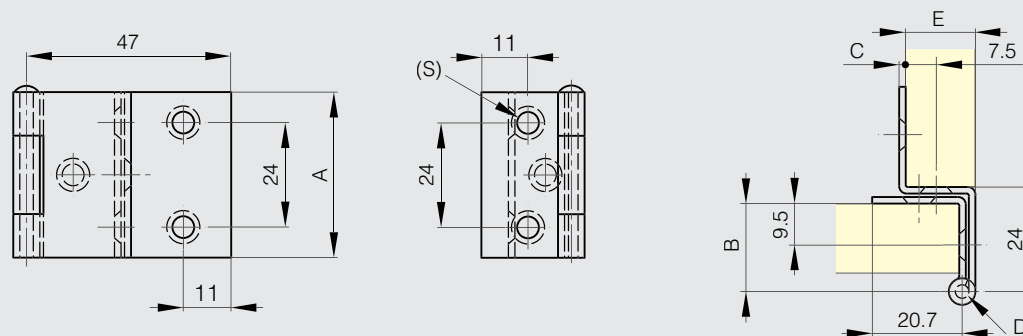


Small butt hinge with two cranked leaves and removable pin 38 x 47 mm

Removable pin in nickel plated steel.



Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
60-1-3555	steel	chrome plated	38	20.2	1.5	3	16	5	50

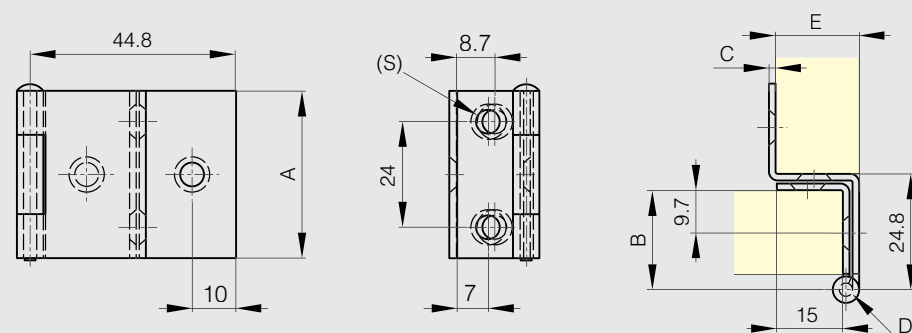


Small butt hinges with two cranked leaves and removable pin 38 x 44.8 mm

Removable pin in nickel plated steel.

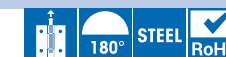


Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
60-1-3523	steel	chrome plated	38	22.6	1.5	3	19	5.4	52
60-1-3796	steel	black cataphoresis	38	22.6	1.5	3	19	5.4	52

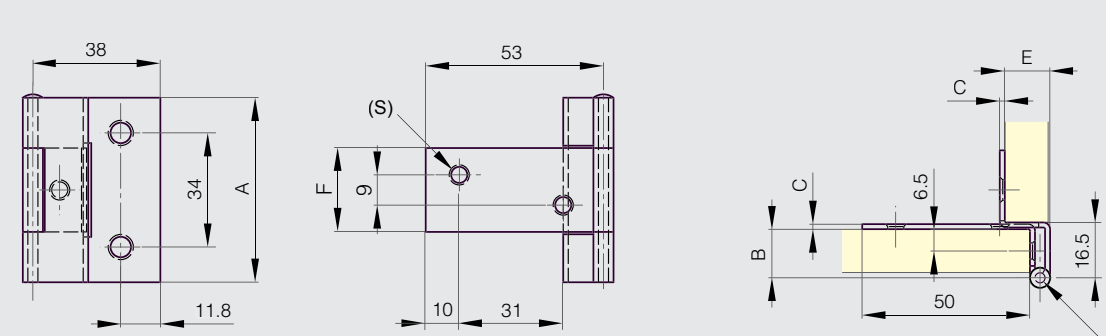


Small butt hinges with two cranked leaves and removable pin 55 x 38 mm

Removable pin.



Part number	Material	Finish	A	B	C	D	E	F	S	Pin material	Weight (g)
60-1-3323	steel	chrome plated	55	14.5	1.5	3	13.5	25	4	nickel plated steel	56
60-1-3325	steel	brass	55	14.5	1.5	3	13.5	25	4	brass plated steel	56

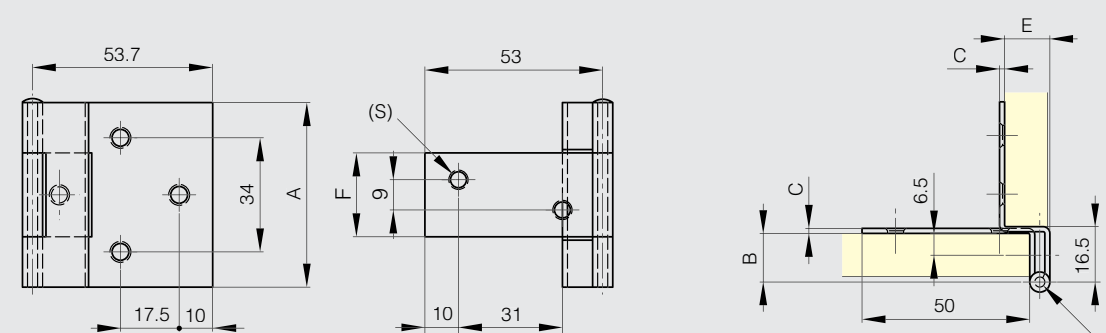


Small butt hinges with two cranked leaves 55 x 53.7 mm

Removable pin.



Part number	Material	Finish	A	B	C	D	E	F	S	Pin material	Note	Weight (g)
60-1-3303	steel	chrome plated	55	14.5	1.5	3	13.5	25	4.75	nickel plated steel	removable pin	65



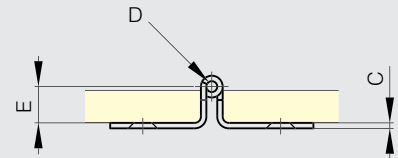
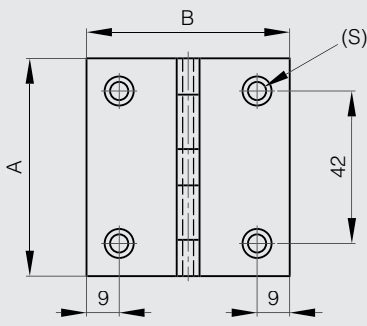


Cranked hinges

Small butt hinges with two cranked leaves 60 mm



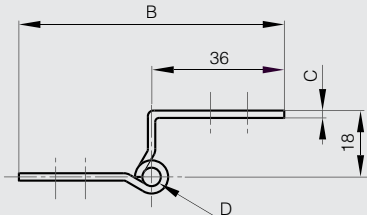
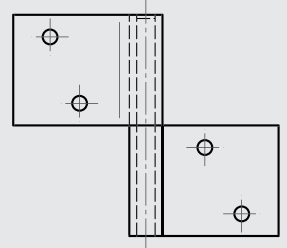
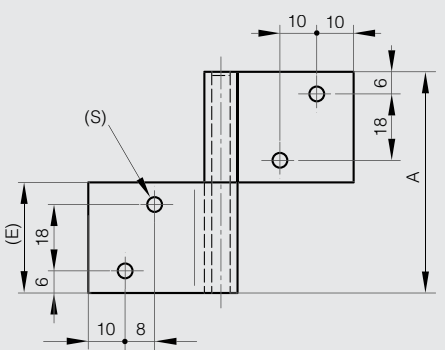
Part number	Material	Finish	A	B	C	D	E	S	Weight (g)
60-1-3620	steel	zinc plated	60	56	1.5	3	10	5	59



Pin hinge with one cranked leaf



Part number	Material	Finish	A	B	C	D	E	S	Note	Weight (g)
12-1-3682	304 stainless steel	raw	60	72	2	5	30	4	type 2	70
12-1-3683	304 stainless steel	raw	60	72	2	5	30	4	type 1	70



12-1-3683

12-1-3682



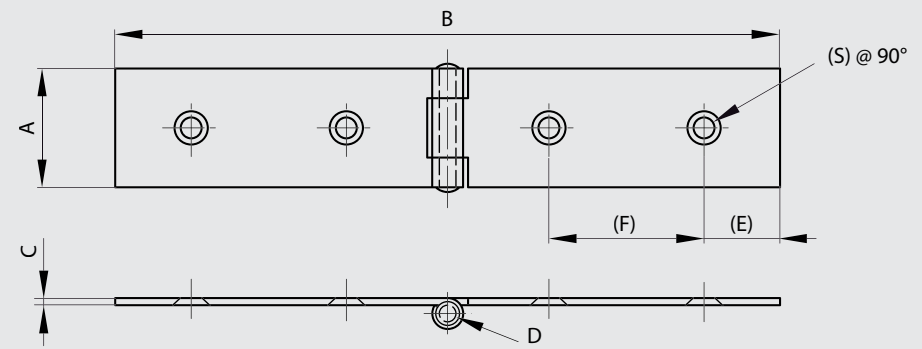
Hinges large width

Hinges 30 x 140 mm



Available drilled or undrilled depending on part numbers.

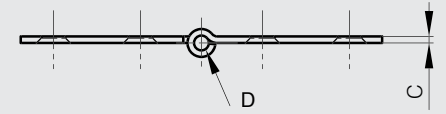
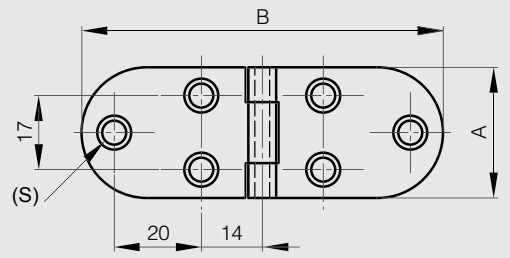
Part number	Material	Finish	A	B	C	D	E	F	S	Note	Weight (g)
50-7-3343	steel	raw	30	140	2.5	6				undrilled	95
50-7-3339	steel	zinc plated	30	140	2.5	6	12.5	35	5.2	drilled	95



Hinge 30 x 83 mm



Part number	Material	Finish	A	B	C	D	S	Weight (g)
50-1-3313	steel	nickel plated	30	83	1.5	3.4	5.5	30



Duomatic Plus Concealed Hinges
For wooden doors

Duomatic Plus 110°

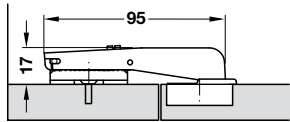
For blind corner applications



- > With two silicone oil dampers integrated in hinge cup
- > The damper can be activated at an opening angle of 30° or 10° (optional)

- > Material: Steel cup, zinc alloy hinge arm
- > Finish: Nickel plated
- > Installation: Door to cabinet with slide-on system using Duomatic A mounting plates or with quick fixing system using Duomatic SM mounting plates
- > Distance to cup: 3–6 mm
- > Drilling depth: Hinge cup 13.5 mm
- > Adjustment facility: Side adjustment up to +4.5 mm, height adjustment from –2 to +2 mm, depth adjustment with Duomatic A mounting plates +2.8 mm, with Duomatic SM mounting plates from –0.5 to +2.8 mm
- > With automatic closing spring
- > Drilling patterns 45/9.5 and 52/5.5 on request

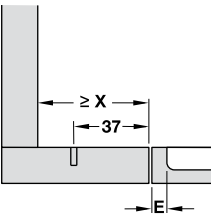
→ For standard blind corners



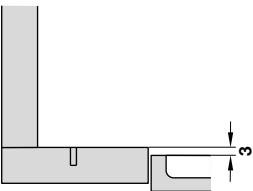
Cup fixing	Drilling pattern 48/6
For screw fixing	329.11.705

Packing: 1 or 25 pieces

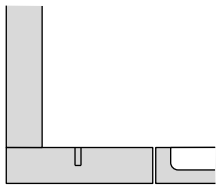
Order reference
Suitable for all Duomatic A and Duomatic SM mounting plates



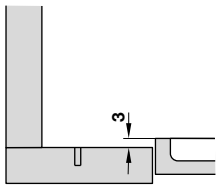
X max.:
For Duomatic A = 61 mm
For Duomatic SM = 70 mm
For Duomatic SM with rear eccentric = 74 mm
Distance to cup E = 3 to 6 mm



Mounting plate distance 0 mm



Mounting plate distance 3 mm



Mounting plate distance 6 mm

Duomatic Plus Concealed Hinges
For wooden doors

Duomatic Plus 110°

For 30° to 45° corner applications

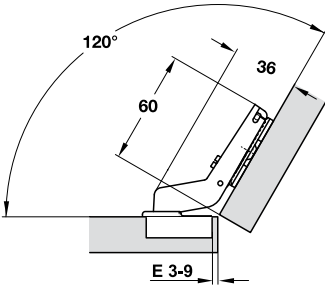


- > With two silicone oil dampers integrated in hinge cup
- > The damper can be activated at an opening angle of 30° or 10° (optional)

- > Material: Steel cup, zinc alloy hinge arm
- > Finish: Nickel plated
- > Installation: Door to cabinet with slide-on system using Duomatic A mounting plates or with quick fixing system using Duomatic SM mounting plates
- > Drilling depth: Hinge cup 13.5 mm
- > Adjustment facility: Side adjustment up to +4.5 mm, height adjustment from –2 to +2 mm, depth adjustment with Duomatic A mounting plates +2.8 mm, with Duomatic SM mounting plates from –0.5 to +2.8 mm
- > With automatic closing spring
- > Drilling patterns 45/9.5 and 52/5.5 on request

Note
The following drawings refer to mounting plates with distance 0.

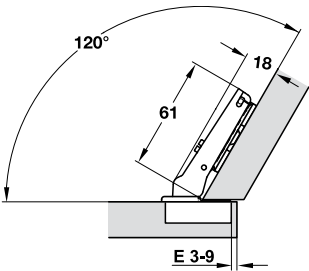
→ 30° Corner application, half overlay



Cup fixing	Drilling pattern 48/6
For screw fixing	329.25.709

Packing: 1 piece

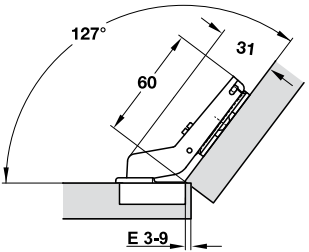
→ 30° Corner application, overlay



Cup fixing	Drilling pattern 48/6
For screw fixing	329.25.711

Packing: 1 piece

→ 37° Corner application, half overlay



Cup fixing	Drilling pattern 48/6
For screw fixing	329.25.713

Packing: 1 or 50 pieces

Häfele Duomatic Concealed Hinges

Duomatic Concealed Hinges

Duomatic Concealed Hinges
For wooden doors

Duomatic 105°
For thin doors from 10 mm



> Required drilling depth for hinge cup only 8 mm

- > Material: Steel cup and hinge arm
- > Finish: Nickel plated
- > Installation: Door to cabinet with slide-on system using Duomatic A mounting plates or with quick fixing system using Duomatic SM mounting plates
- > Drilling depth: Hinge cup 8 mm
- > Adjustment facility: Side adjustment from -1.5 to +4.5 mm, height adjustment from -2 to +2 mm, depth adjustment with Duomatic A mounting plates +2.8 mm, with Duomatic SM mounting plates from -0.5 to +2.8 mm
- > With automatic closing spring

Door thickness mm	Distance to cup E mm			
	3.0	4.0	5.0	6.0
10	0.2	0.2	0.1	0.1
11	0.3	0.3	0.3	0.2
12	0.4	0.4	0.4	0.4
13	0.6	0.6	0.6	0.5
14	0.8	0.8	0.8	0.7
15	1.0	1.0	1.0	1.0
16	1.3	1.3	1.2	1.2
17	1.6	1.6	1.5	1.5
18	1.9	1.9	1.8	1.8
19	2.3	2.2	2.1	2.1
20	2.7	2.6	2.5	2.4
Minimum gap F				

Rounding off the edge of the door reduces the given values.

→ Full overlay mounting

Door overlay mm												Distance to cup E mm	Mounting plate distance mm
9	10	11	12	13	14	15	16	17	18	19	20	21	
						3	4	5	6				0
						3	4	5	6				3
			3	4	5	6							6
		3	4	5	6								9
Distance to cup E mm												Mounting plate distance mm	

Cup fixing	Drilling pattern 48/6
For screw fixing	329.28.600
Packing: 1 or 50 pieces	

→ Full overlay mounting/half overlay mounting

Door overlay mm												Distance to cup E mm	Mounting plate distance mm
4	5	6	7	8	9	10	11	12	13	14	15	16	
									3	4	5	6	0
						3	4	5	6				3
			3	4	5	6							6
		3	4	5	6								9
Distance to cup E mm												Mounting plate distance mm	

Cup fixing	Drilling pattern 48/6
For screw fixing	329.28.601
Packing: 1 or 50 pieces	

→ Half overlay mounting/twin mounting

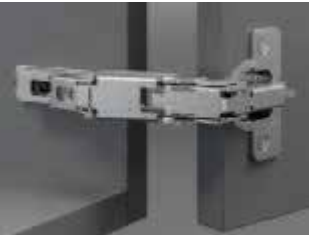
Technical drawing of a door handle assembly. The drawing shows a side view of the handle with dimensions: 25 mm for the top plate width, 61 mm for the handle height, 16.3 mm for the mounting plate distance, and 6 mm for the handle diameter. The handle is labeled with 'F' and 'E'.

Door overlay mm													Distance to cup E mm	Mounting plate distance mm
0	1	2	3	4	5	6	7	8	9	10	11	12		
									3	4	5	6	0	
						3	4	5	6				3	
			3	4	5	6							6	
3	4	5	6										9	

Cup fixing	Drilling pattern 48/6
For screw fixing	329.28.602
Packing: 1 or 50 pieces	

Duomatic Concealed Hinges
For wooden doors

Duomatic 165°
For cabinets with internal pull outs or extending trays



> 0-door offset for use with internal pull outs or extending trays

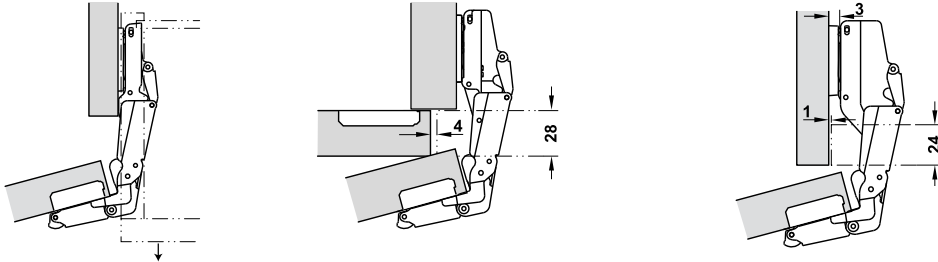
- > Material: Zinc alloy cup, steel hinge arm
- > Finish: Nickel plated
- > Installation: Door to cabinet with slide-on system using Duomatic A mounting plates or with quick fixing system using Duomatic SM mounting plates
- > Drilling depth: Hinge cup 11 mm
- > Adjustment facility: Side adjustment from -1.5 to +4.5 mm, height adjustment from -2 to +2 mm, depth adjustment with Duomatic A mounting plates +2.8 mm, with Duomatic SM mounting plates from -0.5 to +2.8 mm
- > With automatic closing spring
- > Drilling pattern 45/9.5 on request

Door thickness mm	Distance to cup E mm					
	3.0	4.0	5.0	6.0	7.0	8.0
16	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
22	0.7	0.1	0.1	0.1	0.1	0.1
24	2.7	1.8	1.2	0.9	0.7	0.6
26	4.6	3.8	3.0	2.5	2.0	1.7
28	7.9	6.9	5.9	4.9	3.9	3.2
Minimum gap F						

Rounding off the edge of the door reduces the given values.

Outer dimensions and distances

When using a hinge for full overlay mounting, mounting plate with distance 0 mm and distance to cup 3 mm, the door swings out laterally 5.5 mm when opened.



→ Full overlay mounting

Door overlay mm												Distance to cup E mm	Mounting plate distance mm
9	10	11	12	13	14	15	16	17	18	19	20	21	
									3	4	5	6	0
						3	4	5	6	7	8		3
			3	4	5	6	7	8					6
		3	4	5	6	7	8						9
Distance to cup E mm												Mounting plate distance mm	

Cup fixing	Drilling pattern 48/6 52/5.5	
For screw fixing	329.07.700	329.07.740
For press fitting	329.07.710	329.07.750
Without tools	329.07.730	329.07.770
Packing: 1 or 25 pieces		

→ Half overlay mounting/twin mounting

Door overlay mm												Distance to cup E mm	Mounting plate distance mm
0	1	2	3	4	5	6	7	8	9	10	11	12	
									3	4	5	6	0
						3	4	5	6	7	8		3
			3	4	5	6	7	8					6
		3	4	5	6	7	8						9
Distance to cup E mm												Mounting plate distance mm	

Cup fixing	Drilling pattern 48/6 52/5.5	
For screw fixing	329.07.702	329.07.742
For press fitting	329.07.712	329.07.752
Without tools	329.07.732	329.07.772
Packing: 1 or 25 pieces		

→ Inset mounting

Door overlay mm												Distance to cup E mm	Mounting plate distance mm
-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	
													0
						3	4	5					3
			3	4	5	6	7	8					6
		3	4	5	6	7	8						9
Distance to cup E mm												Mounting plate distance mm	

Cup fixing	Drilling pattern 48/6 52/5.5	
For screw fixing	329.07.703	329.07.743
For press fitting	329.07.713	329.07.753
Without tools	329.07.733	329.07.773
Packing: 1 or 25 pieces		

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

Duomatic Concealed Hinges
For wooden doors

Duomatic 94°
For thick doors and profile doors up to 35 mm



- > Material: Steel cup and hinge arm
- > Finish: Nickel plated
- > Installation: Door to cabinet with slide-on system using Duomatic A mounting plates or with quick fixing system using Duomatic SM mounting plates
- > Drilling depth: Hinge cup 11 mm
- > Adjustment facility: Side adjustment from -1.5 to +4.5 mm, height adjustment from -2 to +2 mm, depth adjustment with Duomatic A mounting plates +2.8 mm, with Duomatic SM mounting plates from -0.5 to +2.8 mm
- > With automatic closing spring
- > Drilling pattern 45/9.5 on request

Door thickness mm	Distance to cup E mm						
	3.0	4.0	5.0	6.0	7.0	8.0	9.0
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.4	0.4	0.4	0.4	0.4	0.4	0.4
24	0.7	0.7	0.7	0.6	0.6	0.6	0.6
26	1.0	1.0	1.0	1.0	1.0	0.9	0.9
28	2.6	1.9	1.4	1.4	1.3	1.3	1.3
30	4.5	3.8	3.1	2.6	2.1	1.8	1.8
32	6.4	5.7	5.0	4.4	3.8	3.3	2.9
33	7.4	6.6	5.9	5.3	4.7	4.2	3.7
34	8.3	7.6	6.9	6.2	5.6	5.1	4.6
35	9.3	8.6	7.8	7.2	6.5	6.0	5.4
Minimum gap F							

Rounding off the edge of the door reduces the given values.

→ Full overlay mounting

Door overlay mm																								
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24									
										3	4	5	6	7	8	9	0							
						3	4	5	6	7	8	9					3							
			3	4	5	6	7	8	9								6							
		3	4	5	6	7	8	9									9							
Distance to cup E mm															Mounting plate distance mm									

Cup fixing	Drilling pattern	
	48/6	52/5.5
For screw fixing	329.49.600	329.49.640
Packing: 1 or 50 pieces		

→ Half overlay mounting/twin mounting

Door overlay mm															
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
									3	4	5	6	7	8	9
						3	4	5	6	7	8	9			
			3	4	5	6	7	8	9						
	3	4	5	6	7	8	9								
Distance to cup E mm								Mounting plate distance mm							

Cup fixing	Drilling pattern	
	48/6	52/5.5
For screw fixing	329.49.602	329.49.642
Packing: 1 or 50 pieces		

→ Inset mounting

Door overlay mm												
-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4
							3	4	5			
						3	4	5	6	7	8	
		3	4	5	6	7	8					
	3	4	5	6	7	8	9					
Distance to cup E mm								Mounting plate distance mm				

Cup fixing	Drilling pattern	
	48/6	52/5.5
For screw fixing	329.49.603	329.49.643
Packing: 1 or 50 pieces		

Duomatic Concealed Hinges
For wooden doors

Duomatic 94°
For profile doors up to 40 mm



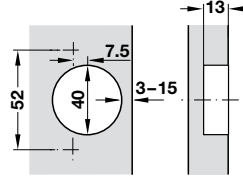
- > Material: Steel cup, zinc alloy hinge arm
- > Finish: Nickel plated
- > Installation: Door to cabinet with slide-on system using Duomatic A mounting plates or with quick fixing system using Duomatic SM mounting plates
- > Drilling depth: Hinge cup 13 mm
- > Adjustment facility: Side adjustment from -0.5 to +5.5 mm, height adjustment from -2 to +2 mm, depth adjustment with Duomatic A mounting plates +2.8 mm, with Duomatic SM quick fixing mounting plates from -0.5 to +2.8 mm
- > With automatic closing spring

Minimum distance between door and side panel

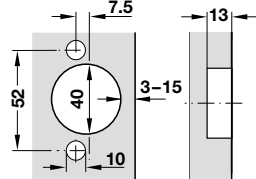
Distance to cup mm	3-11	12	13	14	15
	0.0	0.4	1.2	2.2	3.2

Drilling pattern for cup fixing

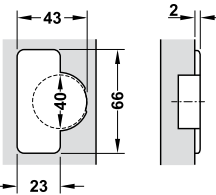
For screw fixing



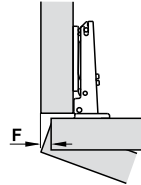
For press fitting



Installation dimensions



Minimum gap



Doorthickness mm	Distance to cup E mm														
	3	4	5	6	7	8	9	10	11	12	13	14	15		
20	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3		
21	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4		
22	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5		
23	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7		
24	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8		
25	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0		
26	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2		
27	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4		
28	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6		
29	2.2	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8		
30	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.0		
31	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3		
32	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.6	2.6		
33	3.5	3.4	3.3	3.3	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.8		
34	4.1	3.8	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.2		
35	5.0	4.4	4.1	4.0	3.9	3.8	3.8	3.7	3.6	3.6	3.5	3.5	3.5		
36	6.0	5.3	4.8	4.4	4.3	4.2	4.2	4.1	4.0	3.9	3.8	3.8	3.8		
37	6.9	6.3	5.7	5.2	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.2	4.2		
38	7.8	7.2	6.6	6.0	5.5	5.1	5.0	4.9	4.8	4.7	4.5	4.5	4.5		
39	8.8	8.1	7.5	6.9	6.4	5.9	5.5	5.4	5.2	5.1	4.9	4.9	4.9		
40	9.7	9.0	8.4	7.8	7.3	6.8	6.3	6.0	5.7	5.6	5.4	5.4	5.4		
Minimum gap F															

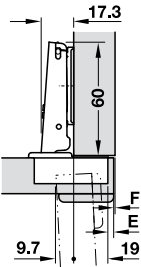
Rounding off the edge of the door reduces the given values.

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

Duomatic Concealed Hinges
For wooden doors

→ Full overlay mounting

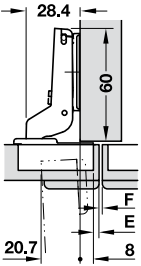


Door overlay mm																
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
				3	4	5	6	7	8	9	10	11	12	13	14	15
		3	4	5	6	7	8	9	10	11	12	13	14	15		0
Distance to cup E mm							Mounting plate distance mm									

Door overlay mm																
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
				3	4	5	6	7	8	9	10	11	12	13	14	15
		3	4	5	6	7	8	9	10	11	12	13	14	15		6
		3	4	5	6	7	8	9	10	11	12	13	14	15		9
Distance to cup E mm							Mounting plate distance mm									

Cup fixing	Drilling pattern 52/7.5
For screw fixing	329.05.605
Packing: 1 or 50 pieces	

→ Half overlay mounting/twin mounting

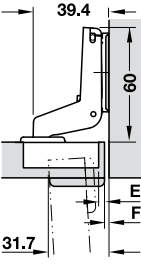


Door overlay mm																
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
				3	4	5	6	7	8	9	10	11	12	13	14	15
		3	4	5	6	7	8	9	10	11	12	13	14	15		0
		3	4	5	6	7	8	9	10	11	12	13	14	15		3
Distance to cup E mm							Mounting plate distance mm									

Door overlay mm																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
				3	4	5	6	7	8	9	10	11	12	13	14	15
		3	4	5	6	7	8	9	10	11	12	13	14	15		6
		3	4	5	6	7	8	9	10	11	12	13	14	15		9
Distance to cup E mm							Mounting plate distance mm									

Cup fixing	Drilling pattern 52/7.5
For screw fixing	329.05.614
Packing: 1 or 50 pieces	

→ Inset mounting



Door overlay mm																
-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10	11	12
				3												0
		3	4	5	6											3
Distance to cup E mm							Mounting plate distance mm									

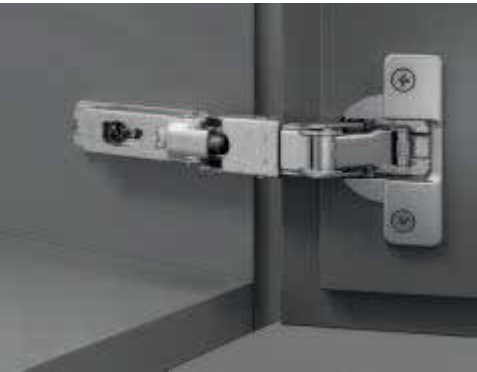
Door overlay mm																
-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6
				3	4	5	6	7	8	9						6
		3	4	5	6	7	8	9	10	11	12					9
Distance to cup E mm							Mounting plate distance mm									

Cup fixing	Drilling pattern 52/7.5
For screw fixing	329.05.632
Packing: 1 or 50 pieces	

Duomatic Concealed Hinges
For wooden doors

Duomatic 110°

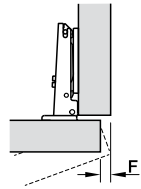
For rebated and profile doors



- > All-rounder: Allows several mounting options with rounded, rebated and profiled doors
- > Hinge guard to prevent fingers from being unintentionally trapped

- > Material: Zinc alloy cup and hinge arm
- > Installation: Door to cabinet with slide-on system using Duomatic A mounting plates or with quick fixing system using Duomatic SM mounting plates
- > Drilling depth: Hinge cup 9 mm
- > Adjustment facility: Side adjustment from -1.5 to +4.5 mm, height adjustment from -2 to +2 mm, depth adjustment with Duomatic A mounting plates +2.8 mm, with Duomatic SM mounting plates from -0.5 to +2.8 mm

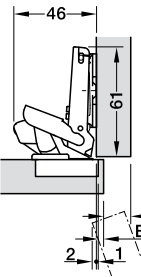
Minimum gap



Door thickness mm	Distance to cup E mm																	
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.3	0.4	0.5	0.7	11.3	10.3	9.3	8.3	7.3	6.3	5.3	4.5	3.8	3.2	2.7	2.2		
26	1.4	1.5	1.9	2.6	12.8	12.9	11.9	10.9	9.9	8.9	7.9	6.9	5.9	5.0	4.4	3.9		
Minimum gap F																		

Rounding off the edge of door reduces the given values.

→ Full overlay mounting



Door overlay mm																		
7	8	9	10	11	12	13	14	15	16	17	18	19						
6	7	8	9	10	11	12	13	14	15	16	17	18	0					
9	10	11	12	13	14	15	16	17	18				3					
12	13	14	15	16	17	18							6					
15	16	17	18										9					
Distance to cup E mm							Mounting plate distance mm											

Door overlay mm														
-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7		
									3	4	5	6	0	
									3	4	5	6	3	
			3	4	5	6	7	8	9	10	11	12	6	
3	4	5	6	7	8	9	10	11	12	13	14	15	9	
Distance to cup E mm							Mounting plate distance mm							

Version	Drilling pattern		
	48/6 Nickel plated	48/6 Titanium coloured	45/9.5 Nickel plated
For screw fixing			
With automatic opening mechanism (Push)	329.26.601	—	—
Without automatic closing spring	329.26.602	—	—
With automatic closing spring	329.26.611	329.26.603	329.26.624
With integrated soft closing mechanism	329.26.613	329.26.607	—
For press fitting			
With automatic opening mechanism (Push)	329.26.605	—	—
With automatic closing spring	329.26.612	—	—
With integrated soft closing mechanism	329.26.614	—	—

Packing: 1 or 50 pieces

Note
The release lever is secured when using the hinge arm cover plate.

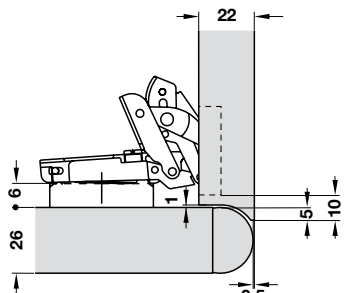
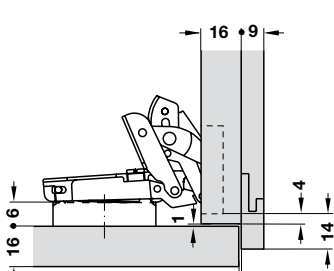
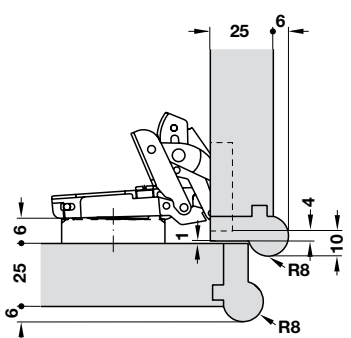
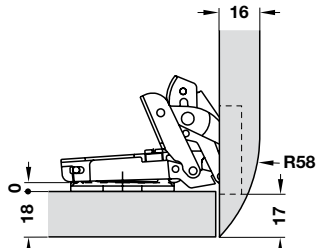
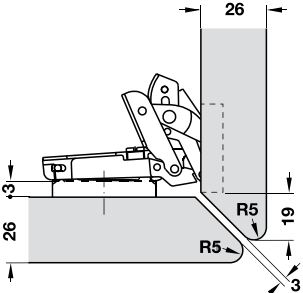
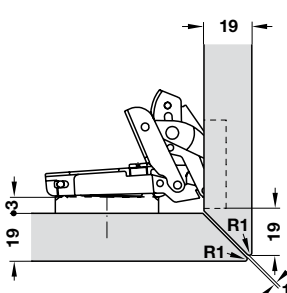
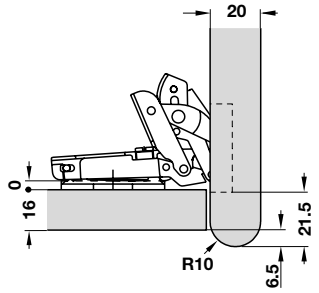
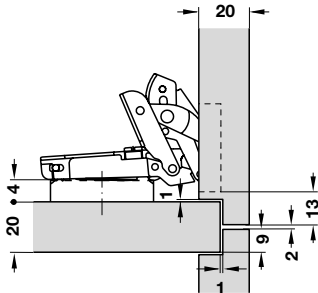
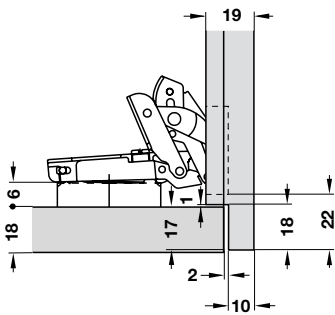
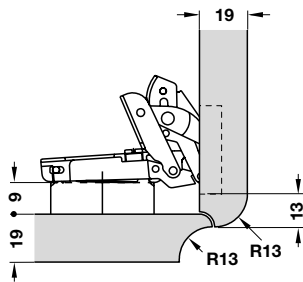
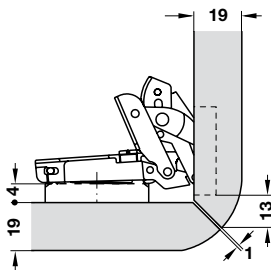
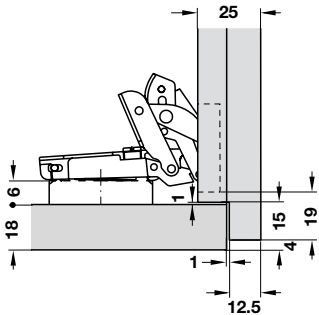
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Duomatic Concealed Hinges
Information

Application examples with rounded, rebated and profiled doors using hinge 329.26.600



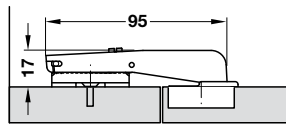
Duomatic Concealed Hinges
For wooden doors

Duomatic 94°/110°
For blind corner applications



- > Material: Steel cup, zinc alloy hinge arm
- > Finish: Nickel plated
- > Installation: Door to cabinet with slide-on system using Duomatic A mounting plates or with quick fixing system using Duomatic SM mounting plates
- > Drilling depth: Hinge cup 11 mm
- > Adjustment facility: Side adjustment up to +4.5 mm, height adjustment from -2 to +2 mm, depth adjustment with Duomatic A mounting plates +2.8 mm, with Duomatic SM mounting plates from -0.5 to +2.8 mm
- > With automatic closing spring
- > Drilling pattern 45/9.5 on request

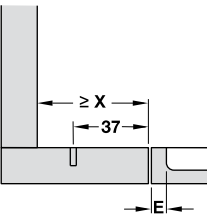
→ For standard blind corners



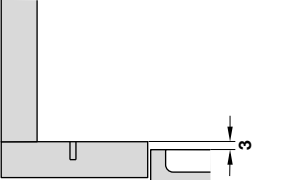
Cup fixing	Drilling pattern	
	48/6	52/5.5
For screw fixing	329.11.601	329.11.641

Packing: 1 or 50 pieces

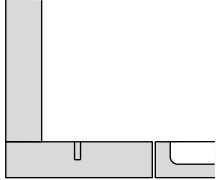
Order reference
Suitable for all Duomatic A and Duomatic SM mounting plates



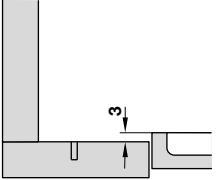
X max.:
For Duomatic A = 61 mm
For Duomatic SM = 70 mm
For Duomatic SM with rear eccentric = 74 mm
E = distance to cup



Mounting plate distance 0 mm



Mounting plate distance 3 mm



Mounting plate distance 6 mm

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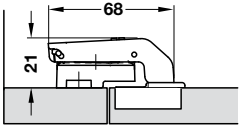
www.METALIKA-KACIN.com
Duomatic Concealed Hinges

Duomatic Concealed Hinges
www.METALIKA-KACIN.com



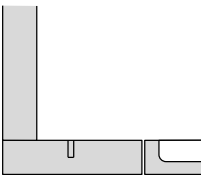
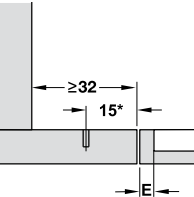
Duomatic Concealed Hinges
For wooden doors

→ For small blind corners



Cup fixing	Drilling pattern 48/6
For screw fixing	329.34.601
Packing: 1 or 50 pieces	

Order reference
Only suitable for mounting plate 329.88.609



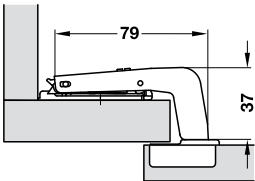
* applies to gap = 1 mm and distance to cup E = 3 mm Mounting plate distance 9 mm

→ Mounting plate



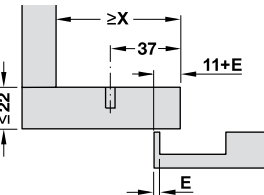
Distance D mm	Material	Finish	Cat. No.
9	Zinc alloy	Nickel plated	329.88.609
Packing: 1 or 50 pieces			

→ For large blind corners

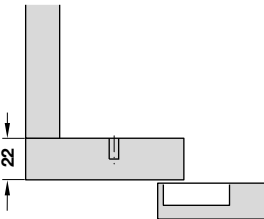


Cup fixing	Drilling pattern 48/6
For screw fixing	329.35.600
Packing: 1 or 50 pieces	

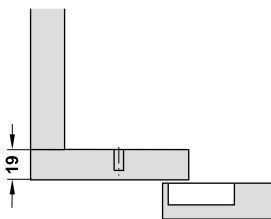
Order reference
Suitable for all Duomatic A and Duomatic SM mounting plates



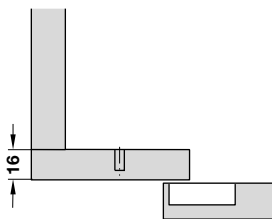
X max.:
For Duomatic A = 61 mm
For Duomatic SM = 70 mm
For Duomatic SM with rear eccentric = 74 mm
E = distance to cup



Mounting plate distance 0 mm



Mounting plate distance 3 mm



Mounting plate distance 6 mm

Duomatic Concealed Hinges
For wooden doors

Duomatic 70°

For corner unit applications



- > Material: Zinc alloy cup, steel hinge arm
- > Finish: Nickel plated
- > Installation: Door to cabinet with slide-on system using Duomatic A mounting plates or with quick fixing system using Duomatic SM mounting plates
- > Drilling depth: Hinge cup 11 mm
- > Adjustment facility: Side adjustment from -1.5 to +4.5 mm, height adjustment from -2 to +2 mm, depth adjustment with Duomatic A mounting plates +2.8 mm, with Duomatic SM mounting plates from -0.5 to +2.8 mm
- > With automatic closing spring
- > Drilling pattern 45/9.5 on request

Installation

Calculation of drilling distance for mounting plates
Examples for doors with sharp edges:

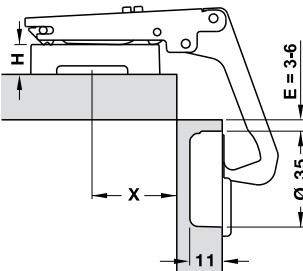
Door thickness mm	Drilling distance (X) cruciform mounting plate mm	
Determination of drilling distance with cruciform mounting plates		
Drilling distance (X) = 47 – door thickness + x		
20	x = 5	27
16	x = 6	31
19	x = 3	28
18	x = 4	29

Door thickness mm		Drilling distance (X) mounting plate mm
Determination of drilling distance with mounting plates Drilling distance (X) = 31 – door thickness + x		
20	x = 5	43
16	x = 6	47
19	x = 3	44
18	x = 4	45

Calculation of mounting plate height
Examples for doors with sharp edges:

Door thickness mm	Distance to cup mm	Mounting plate distance mm
Determination of mounting plate height Mounting plate height (H) = 26 – door thickness – distance to cup		
20	5	1
16	6	4
19	3	3
18	4	5* (26 – 18 – 4 + 1 adjustment)

Note
* Mounting plate heights that are not available can be achieved by using mounting plates with smaller mounting plate height plus side adjustment.



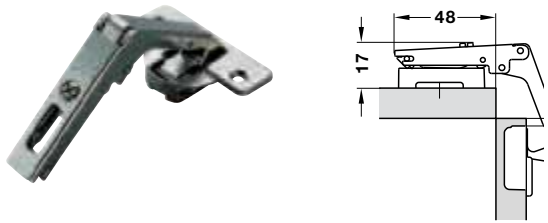
E = Distance to cup

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DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

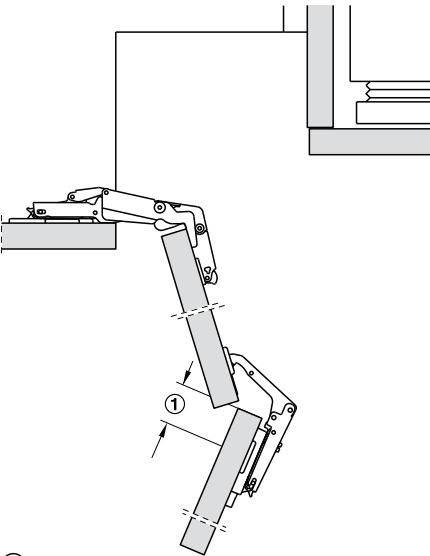
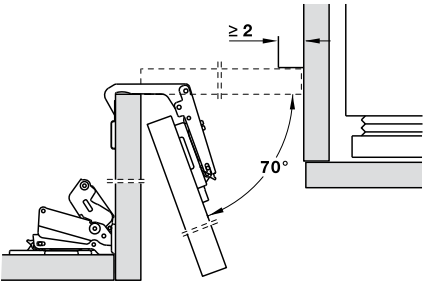
Duomatic Concealed Hinges
For wooden doors

→ Full overlay mounting



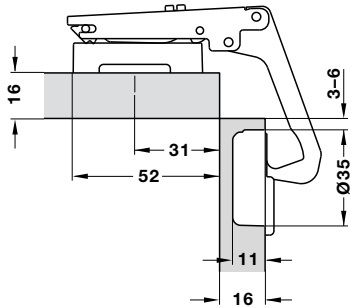
Cup fixing	Drilling pattern 48/6	Drilling pattern 52/5.5
For screw fixing	329.19.700	329.19.740
Packing: 1 or 50 pieces		

Space requirement
Max. opening movement

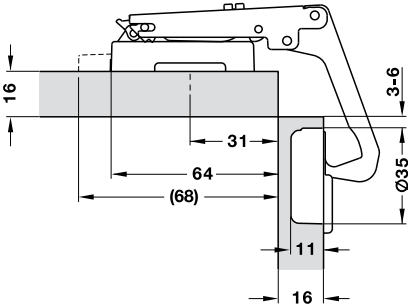


① Drilling distance

Max. space requirement of hinge
with Duomatic A mounting plates
The max. space requirement for the hinge is 52 mm with door thickness 16 mm. Increasing the door thickness reduces the required space accordingly.



With Duomatic SM mounting plates
with quick fixing system
The max. space requirement for the hinge with door thickness 16 mm is 64 mm with Duomatic mounting plates and 68 mm with mounting plates with rear eccentric. Increasing the door thickness reduces the required space accordingly.



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Duomatic Concealed Hinges
For wooden doors

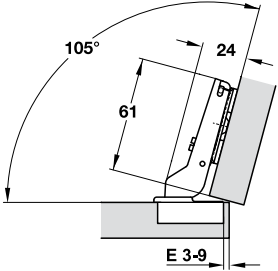
Duomatic 94°
For 15° to 45° corner applications



- > Material: Steel cup, zinc alloy hinge arm
- > Finish: Nickel plated
- > Installation: Door to cabinet with slide-on system using Duomatic A mounting plates or with quick fixing system using Duomatic SM mounting plates
- > Drilling depth: Hinge cup 11 mm
- > Adjustment facility: Side adjustment up to +4.5 mm, height adjustment from -2 to +2 mm, depth adjustment with Duomatic A mounting plates +2.8 mm, with Duomatic SM mounting plates from -0.5 to +2.8 mm
- > With automatic closing spring
- > Drilling pattern 45/9.5 on request

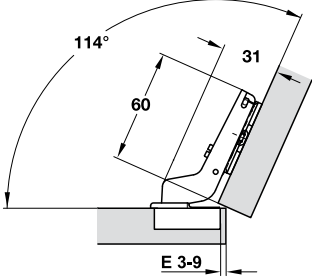
Note
The following drawings refer to mounting plates with distance 0.

→ 15° Corner application



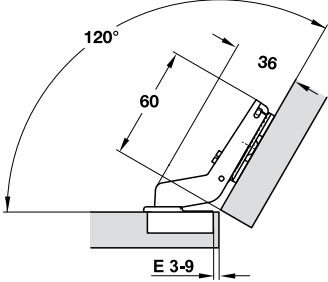
Cup fixing	Drilling pattern 48/6
For screw fixing	329.96.600
Packing: 1 or 50 pieces	

→ 24° Corner application



Cup fixing	Drilling pattern 48/6
For screw fixing	329.96.601
Packing: 1 or 50 pieces	

→ 30° Corner application, half overlay

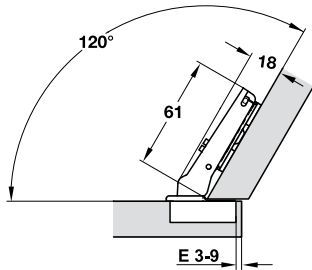


Cup fixing	Drilling pattern 48/6
For screw fixing	329.96.602
Packing: 1 or 50 pieces	

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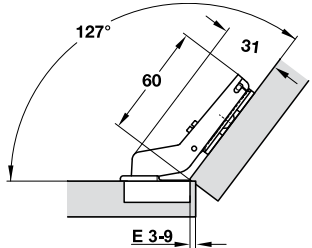
Duomatic Concealed Hinges
For wooden doors

→ 30° Corner application, overlay



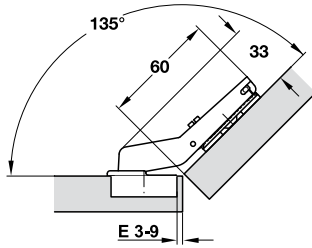
Cup fixing	Drilling pattern 48/6
For screw fixing	329.96.603
Packing: 1 or 50 pieces	

→ 37° Corner application



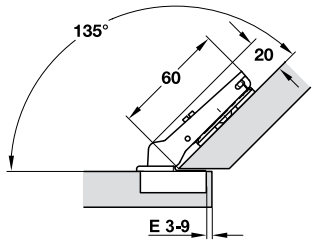
Cup fixing	Drilling pattern 48/6
For screw fixing	329.96.604
Packing: 1 or 50 pieces	

→ 45° Corner application, half overlay



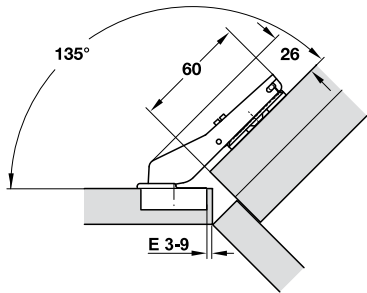
Cup fixing	Drilling pattern 48/6
For screw fixing	329.96.605
Packing: 1 or 50 pieces	

→ 45° Corner application, overlay



Cup fixing	Drilling pattern 48/6
For screw fixing	329.96.606
Packing: 1 or 50 pieces	

→ 45° Corner application, for flush front panels



Cup fixing	Drilling pattern 48/6
For screw fixing	329.96.607
Packing: 1 or 50 pieces	

Duomatic Concealed Hinges
For wooden doors

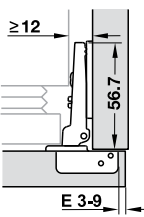
Duomatic 94°
For refrigerator doors



> Extremely flat design specially for refrigerator door applications

- > Material: Steel cup and hinge arm
- > Finish: Nickel plated
- > Installation: Door to cabinet with slide-on system using Duomatic A mounting plates
- > Drilling depth: Hinge cup 11 mm
- > Adjustment facility: Side adjustment up to +4.5 mm, height adjustment from -2 to +2 mm, depth adjustment with Duomatic A mounting plates +2.8 mm
- > With automatic closing spring
- > Drilling pattern 45/9.5 on request

→ Full overlay mounting

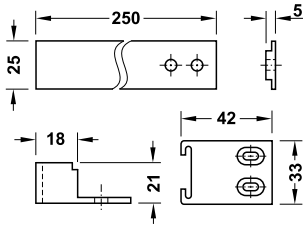


Door overlay mm																				
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21						
									3	4	5	6	7	8	0					
						3	4	5	6	7	8	9			3					
			3	4	5	6	7	8	9						6					
3	4	5	6	7	8	9									9					
Distance to cup E mm										Mounting plate distance mm										

Cup fixing	Drilling pattern 48/6	Drilling pattern 52/5.5
For screw fixing	329.36.601	329.36.641
Packing: 1 or 50 pieces		

Order reference
Only suitable for all Duomatic A mounting plates

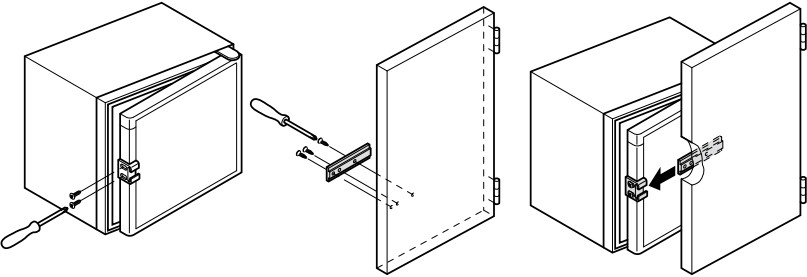
Connecting fitting for appliance doors



- > Area of application: For built-in refrigerators behind furniture doors, the refrigerator door opens automatically when the furniture door is opened
- > Material: Plastic
- > Supplied with: Fixing material

Colour	Cat. No.
Guide: White, rail: Black	568.16.020
Packing: 1 piece	

- Installation**
- > Screw guide to the outside of the refrigerator door.
 - > Open refrigerator door by 90°.
 - > Slide rail into guide.
 - > Screw rail horizontally onto the inside of the furniture door.



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Duomatic Push Concealed Hinges
For wooden doors

Duomatic Push 110°
For opening doors without handle



> Automatic, almost complete opening of the door

- > Material: Steel cup and hinge arm
- > Finish: Nickel plated
- > Installation: Door to cabinet with slide-on system using Duomatic A mounting plates or with quick fixing system using Duomatic SM mounting plates
- > Drilling depth: Hinge cup 11 mm
- > Adjustment facility: Side adjustment from -1.5 to +4.5 mm, height adjustment from -2 to +2 mm, depth adjustment with Duomatic A mounting plates +2.8 mm, with Duomatic SM mounting plates from -0.5 to 2.8 mm
- > With opening mechanism (Push, separate spring/push catch required)
- > Drilling pattern 45/9.5 on request

Minimum gap

Door thickness mm	Distance to cup E mm			
	3.0	4.0	5.0	6.0
16	0.5	0.5	0.5	0.5
17	0.7	0.7	0.7	0.7
18	0.9	0.9	0.9	0.9
19	1.2	1.2	1.2	1.2
20	1.5	1.5	1.5	1.5
21	1.8	1.8	1.8	1.8
22	2.4	2.1	2.1	2.1
23	3.7	2.7	2.6	2.5
24	5.1	4.1	3.1	3.0
25	6.5	5.5	4.1	3.5
26	7.8	6.8	5.4	4.4

Minimum gap F

Rounding off the edge of the door reduces the given values.

→ Full overlay mounting

Door overlay mm											
9	10	11	12	13	14	15	16	17	18	19	20
									3	4	5
							3	4	5	6	
			3	4	5	6					
3	4	5	6								

Distance to cup E mm Mounting plate distance mm

Cup fixing Drilling pattern

	48/6	52/5.5
For screw fixing	329.17.900	329.17.940
For press fitting	329.17.910	329.17.950

Packing: 1 or 50 pieces

→ Half overlay mounting/twin mounting

Door overlay mm											
0	1	2	3	4	5	6	7	8	9	10	11
									3	4	5
						3	4	5	6		
			3	4	5	6					
3	4	5	6								

Distance to cup E mm Mounting plate distance mm

Cup fixing Drilling pattern

	48/6	52/5.5
For screw fixing	329.17.902	329.17.942
For press fitting	329.17.912	329.17.952

Packing: 1 or 50 pieces

→ Inset mounting

Door overlay mm											
-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3
						3	4	5			
			3	4	5	6					
3	4	5	6								

Distance to cup E mm Mounting plate distance mm

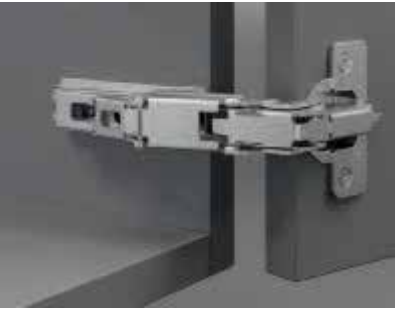
Cup fixing Drilling pattern

	48/6	52/5.5
For screw fixing	329.17.903	329.17.943
For press fitting	329.17.913	329.17.953

Packing: 1 or 50 pieces

Duomatic Push Concealed Hinges
For wooden doors

Duomatic Push 165°
For opening doors without handle, for cabinets with internal pull outs or extending trays



> Automatic, almost complete opening of the door

> 0-door offset for use with internal pull outs or extending trays

Minimum gap

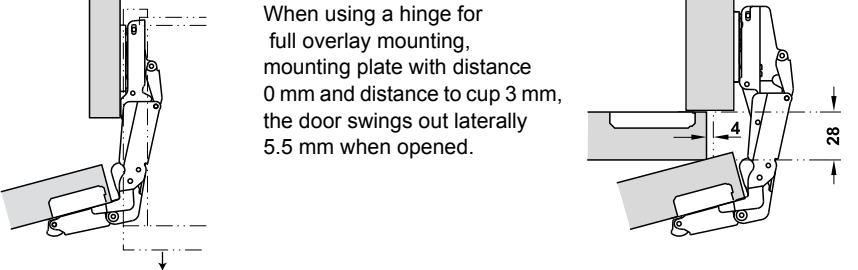
Door thickness mm	Distance to cup E mm					
	3.0	4.0	5.0	6.0	7.0	8.0
16	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
22	0.7	0.1	0.1	0.1	0.1	0.1
24	2.7	1.8	1.2	0.9	0.7	0.6
26	4.6	3.8	3.0	2.5	2.0	1.7
28	7.9	6.9	5.9	4.9	3.9	3.2

Minimum gap F

Rounding off the edge of the door reduces the given values.

- > Material: Zinc alloy cup, steel hinge arm
- > Finish: Nickel plated
- > Installation: Door to cabinet with slide-on system using Duomatic A mounting plates or with quick fixing system using Duomatic SM mounting plates
- > Drilling depth: Hinge cup 11 mm
- > Adjustment facility: Side adjustment from -1.5 to +4.5 mm, height adjustment from -2 to +2 mm, depth adjustment with Duomatic A mounting plates +2.8 mm, with Duomatic SM mounting plates from -0.5 to 2.8 mm
- > With opening mechanism (Push, separate spring/push catch required)
- > Drilling pattern 45/9.5 and 52/5.5 on request

Outer dimensions and distances



→ Full overlay mounting

Door overlay mm											
9	10	11	12	13	14	15	16	17	18	19	20
									3	4	5
						3	4	5	6	7	8
			3	4	5	6	7	8			
3	4	5	6	7	8						

Distance to cup E mm Mounting plate distance mm

Cup fixing Drilling pattern

	48/6	52/5.5
For screw fixing	329.07.900	329.07.940

Packing: 1 or 25 pieces

→ Half overlay mounting/twin mounting

Door overlay mm											
0	1	2	3	4	5	6	7	8	9	10	11
									3	4	5
						3	4	5	6	7	8
			3	4	5	6	7	8			
3	4	5	6	7	8						

Distance to cup E mm Mounting plate distance mm

Cup fixing Drilling pattern

	48/6	52/5.5
For screw fixing	329.07.902	329.07.942

Packing: 1 or 25 pieces

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

Duomatic Push Concealed Hinges
For wooden doors

Duomatic Push 94°

For opening doors without handle, for blind corner applications

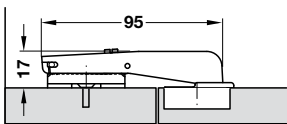


> Automatic, almost complete opening of the door

- > Material: Zinc alloy hinge arm, steel cup
- > Finish: Nickel plated
- > Installation: Door to cabinet with slide-on system using Duomatic A mounting plates or with quick fixing system using Duomatic SM mounting plates
- > Drilling depth: Hinge cup 11 mm
- > Adjustment facility: Side adjustment from -1.5 to +4.5 mm, height adjustment from -2 to +2 mm, depth adjustment with Duomatic A mounting plates +2.8 mm, with Duomatic SM mounting plates from -0.5 to 2.8 mm
- > With opening mechanism (Push, separate spring/push catch required)
- > Drilling pattern 45/9.5 and 52/5.5 on request



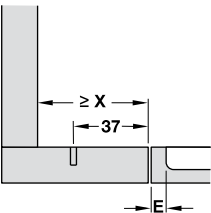
→ For standard blind corners



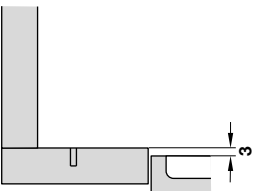
Cup fixing	Drilling pattern 48/6
For screw fixing	329.11.901

Packing: 1 or 50 pieces

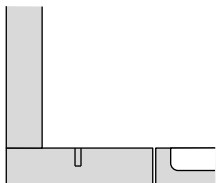
Order reference
Suitable for all Duomatic A and Duomatic SM mounting plates.



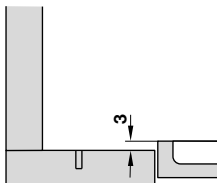
X max.:
For Duomatic A = 61 mm
For Duomatic SM = 70 mm
For Duomatic SM with rear eccentric = 74 mm
E = distance to cup



Mounting plate distance 0 mm



Mounting plate distance 3 mm



Mounting plate distance 6 mm

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

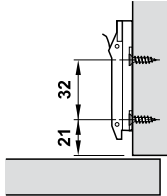
Duomatic Concealed Hinges
Mounting plates

Duomatic SM Mounting plate

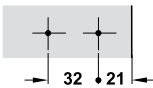
Zinc alloy, with quick fixing system

- > Material: Zinc alloy
- > Finish: Nickel plated
- > Adjustment facility: Depth and height adjustment via eccentric

→ For screw fixing
With chipboard screws



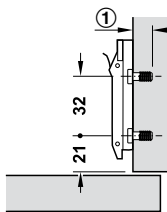
Drilling pattern



Distance D mm	Cat. No.
0	329.67.040
3	329.67.043
6	329.67.046

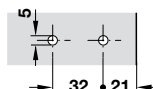
Packing: 1 or 50 pieces

→ For screw fixing
With pre-mounted Euro screws



① = drilling depth

Drilling pattern



Distance D mm	Drilling depth mm	Cat. No.
0	11.5	329.67.000
3	11.5	329.67.003
6	11.5	329.67.006

Packing: 1 or 50 pieces

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

Duomatic Concealed Hinges
Mounting plates

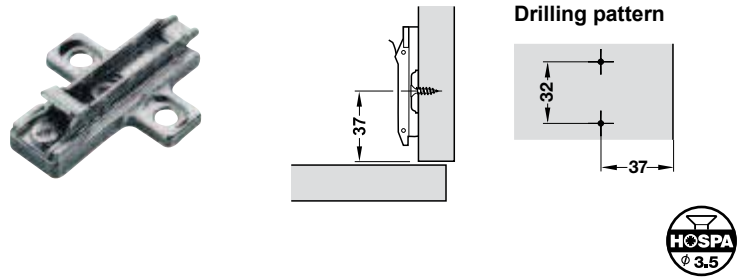
Duomatic SM Cruciform mounting plate

Zinc alloy, with quick fixing system

- > Material:
- Zinc alloy
- > Finish:
- Nickel plated
- > Adjustment facility:
- Depth and height adjustment via eccentric

→ For screw fixing

With chipboard screws

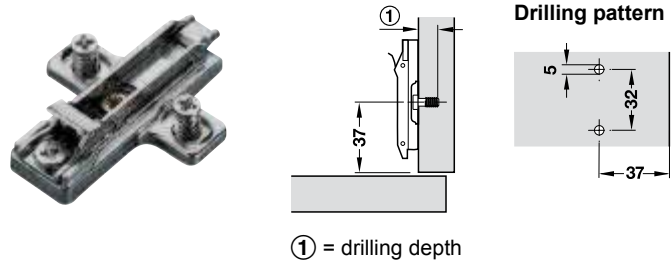


Distance D mm	Cat. No.
0	329.71.500
2	329.71.502
3	329.71.503
6	329.71.506

Packing: 1 or 50 pieces

→ For screw fixing

With pre-mounted Euro screws

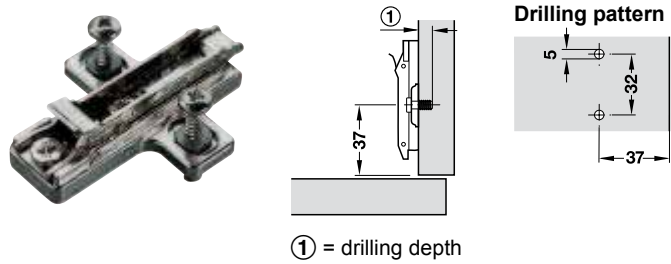


Distance D mm	Drilling depth mm	Cat. No.
For side panel thickness 19 mm		
0	11.0	329.71.510
3	11.0	329.71.513
6	11.0	329.71.516
For centre panel thickness 16 mm		
0	7.5	329.71.530
3	7.5	329.71.533
6	7.5	329.71.536

Packing: 1 or 50 pieces

→ For screw fixing

With pre-mounted special screws and spreading dowel



Distance D mm	Drilling depth mm	Cat. No.
For side panel thickness 19 mm		
0	10.5	329.71.520
3	10.5	329.71.523
6	10.5	329.71.526

Packing: 1 or 50 pieces

Duomatic Concealed Hinges
Mounting plates

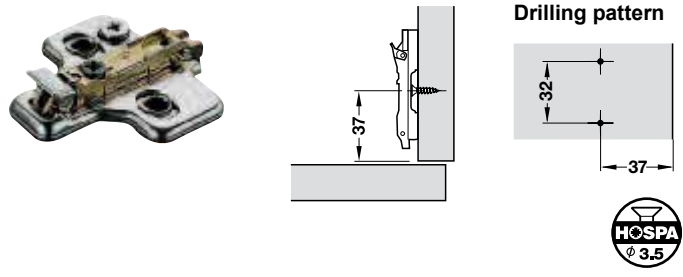
Duomatic SM Cruciform mounting plate

Steel, with quick fixing system

- > Material:
- Steel
- > Finish:
- Nickel plated
- > Adjustment facility:
- Depth and height adjustment via eccentric

→ For screw fixing

With chipboard screws

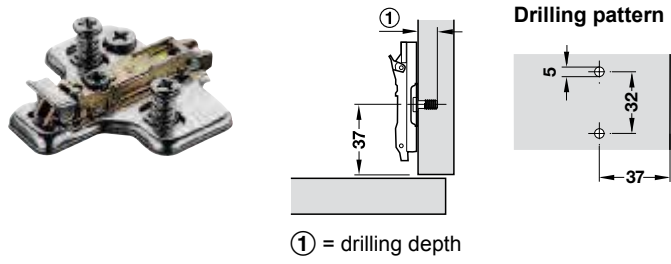


Distance D mm	Cat. No.
0	329.68.000
2	329.68.002
3	329.68.003
6	329.68.006

Packing: 1 or 50 pieces

→ For screw fixing

With pre-mounted Euro screws



Distance D mm	Drilling depth mm	Cat. No.
For side panel thickness 19 mm		
0	11,0	329.69.010
2	11,0	329.69.012
3	11,0	329.69.013
6	11.0	329.69.016

For centre panel thickness 19 mm		
0	8.5	329.69.030
2	8.5	329.69.032
3	8.5	329.69.033
6	8.5	329.69.036

For centre panel thickness 16 mm		
0	7.5	329.69.020
3	7.5	329.69.023

Packing: 1 or 50 pieces

Duomatic Concealed Hinges

Duomatic Concealed Hinges

Duomatic Concealed Hinges
Mounting plates

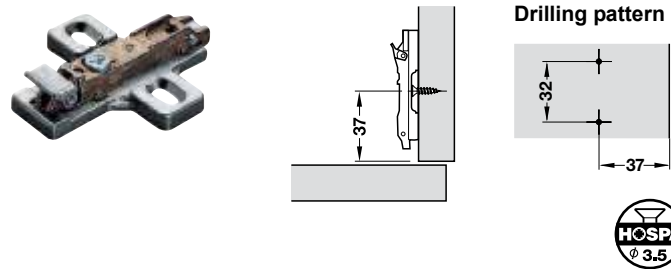
Duomatic SM Cruciform mounting plate

Zinc alloy, with quick fixing system

- > Material:
- Zinc alloy
- > Finish:
- Nickel plated
- > Adjustment facility:
- Depth adjustment via eccentric,
height adjustment ±2 mm via slot

→ For screw fixing

With chipboard screws

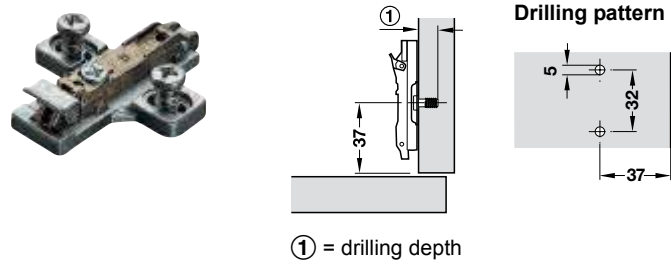


Distance D mm	Cat. No.
0	329.73.600
3	329.73.603
6	329.73.606
9	329.73.608
12	329.73.609

Packing: 1 or 50 pieces

→ For screw fixing

With pre-mounted Euro screws



Distance D mm	Drilling depth mm	Cat. No.
For side panel thickness 19 mm		
0	11.0	329.73.610
3	11.0	329.73.613
6	11.0	329.73.616
9	11.0	329.73.618
12	11.0	329.73.619
For centre panel thickness 16 mm		
0	7.5	329.73.620
3	7.5	329.73.623
6	7.5	329.73.626
9	7.5	329.73.628
12	7.5	329.73.629

Packing: 1 or 50 pieces

Duomatic Concealed Hinges
Mounting plates

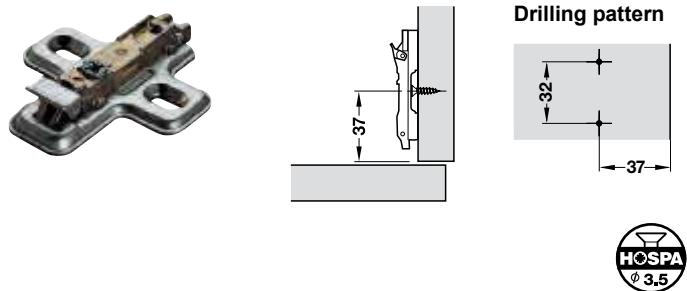
Duomatic SM Cruciform mounting plate

Steel, with quick fixing system

- > Material:
- Steel
- > Finish:
- Nickel plated
- > Adjustment facility:
- Depth adjustment via eccentric,
height adjustment ±2 mm via slot

→ For screw fixing

With chipboard screws

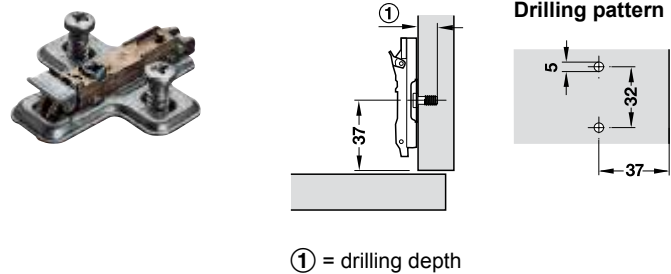


Distance D mm	Cat. No.
0	329.73.500
2	329.73.502
3	329.73.503
6	329.73.506

Packing: 1 or 50 pieces

→ For screw fixing

With pre-mounted Euro screws



Distance D mm	Drilling depth mm	Cat. No.
For side panel thickness 19 mm		
0	11.0	329.73.510
2	11.0	329.73.512
3	11.0	329.73.513
4	11.0	329.73.514
6	11.0	329.73.516

Packing: 1 or 50 pieces

Duomatic Concealed Hinges

Duomatic Concealed Hinges

Duomatic Concealed Hinges
Mounting plates

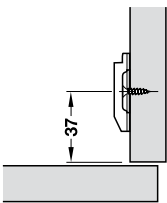
Duomatic A Cruciform mounting plate

Zinc alloy, with slide-on system

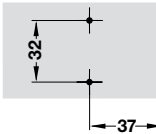
- > Material:
- Zinc alloy
- > Finish:
- Nickel plated
- > Adjustment facility:
- Height adjustment ±2 mm via eccentric

→ For screw fixing

With chipboard screws



Drilling pattern

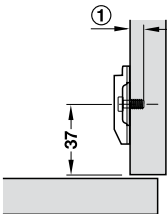


Distance D mm	Cat. No.
0	329.84.020
3	329.84.023
6	329.84.026

Packing: 1 or 50 pieces

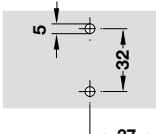
→ For screw fixing

With pre-mounted Euro screws



① = drilling depth

Drilling pattern



Distance D mm	Drilling depth mm	Cat. No.
For side panel thickness 19 mm		
0	11.0	329.84.000
3	11.0	329.84.003

Packing: 1 or 50 pieces

Duomatic Concealed Hinges

Duomatic Concealed Hinges
Mounting plates

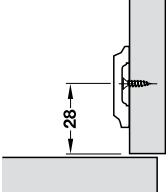
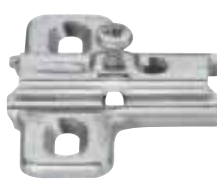
Duomatic A Cruciform mounting plate

Steel/zinc alloy, with slide-on system

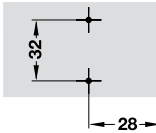
- > Material:
- Steel or zinc alloy
- > Finish:
- Nickel plated
- > Adjustment facility:
- Height adjustment ±2 mm via slot

→ For screw fixing

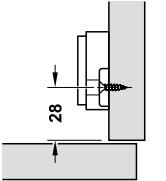
With chipboard screws



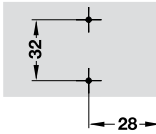
Drilling pattern



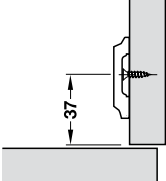
Steel, edge distance 28 mm



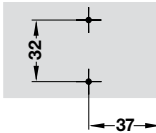
Drilling pattern



Zinc alloy,
edge distance 28 mm



Drilling pattern

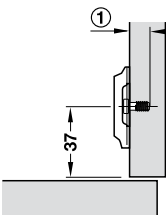


Steel, edge distance 37 mm



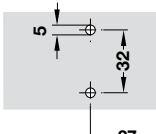
→ For screw fixing

With pre-mounted Euro screws



① = drilling depth

Drilling pattern



Distance D mm	Material	Cat. No.
Edge distance 28 mm		
0	Steel	329.87.500
2	Steel	329.87.502
3	Steel	329.87.503
9	Zinc alloy	329.87.609
12	Zinc alloy	329.87.612

Edge distance 37 mm		
0	Steel	329.80.528
2	Steel	329.80.546
3	Steel	329.80.555
6	Steel	329.80.582
9	Steel	329.80.590

Packing: 1 or 50 pieces

Duomatic Concealed Hinges

Distance D mm	Material	Cat. No.
For side panel thickness 19 mm, drilling depth 11 mm		
0	Steel	329.81.525
2	Steel	329.81.543
3	Steel	329.81.552
6	Steel	329.81.589
9	Steel	329.81.590
For centre panel thickness 19 mm, drilling depth 8.5 mm		
0	Steel	329.81.800
2	Steel	329.81.802
3	Steel	329.81.803
6	Steel	329.81.806

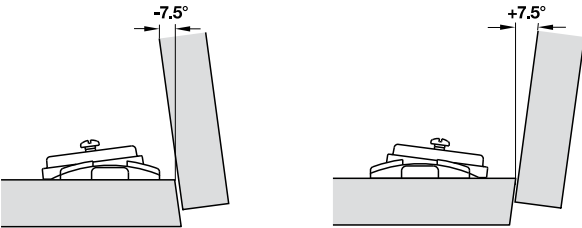
Packing: 1 or 50 pieces

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

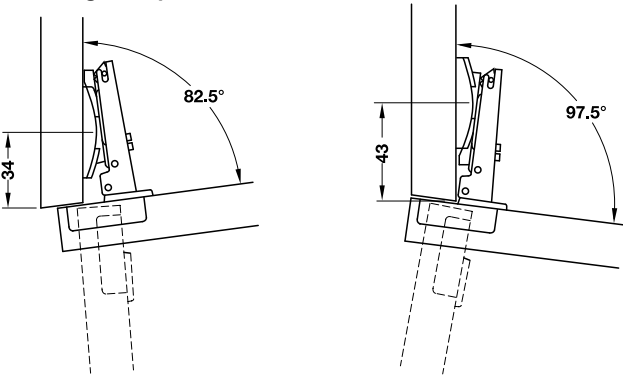
Duomatic Concealed Hinges
Mounting plates

Duomatic A Slide-on mounting plate with angle
→ With slide-on system, for corner applications from -7.5° to +7.5°

- > Material: Zinc alloy
- > Finish: Nickel plated
- > Adjustment facility: Height adjustment ±2 mm via slot, continuous angle adjustment from -7.5° to +7.5°
- > Installation: For screw fixing with chipboard screws



Mounting examples



Note
The drilling distance can differ slightly depending on the corner application and should be determined by means of trial mounting.

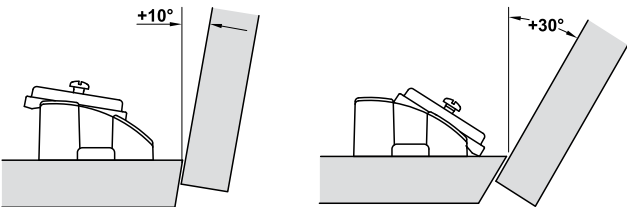


Mounting	Cat. No.
-7.5° to +7.5°	329.84.110

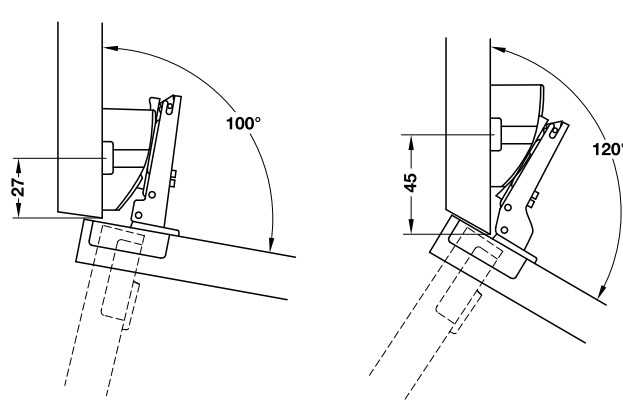
Packing: 1 or 50 pieces

→ With slide-on system, for corner applications from +10° to +30°

- > Material: Zinc alloy
- > Finish: Nickel plated
- > Adjustment facility: Height adjustment ±2 mm via slot, continuous angle adjustment from +10° to +30°
- > Installation: For screw fixing with chipboard screws



Mounting examples



Note
The drilling distance can differ slightly depending on the corner application and should be determined by means of trial mounting.



Mounting	Cat. No.
+10° to +30°	329.84.120

Packing: 1 or 50 pieces

Duomatic Concealed Hinges – Accessories
Cover caps

Hinge arm cover plate



- > Material: Steel
- > Finish: Nickel plated

Suitable for	Cat. No.
Opening angle 94°, 105°, 110°, 120° Glass door hinges Mini hinges	329.32.500

Packing: 1 or 50 pieces

Order reference
Cover plates are available with individual print from an order quantity of 3,000 pieces and above.

Cup cover cap

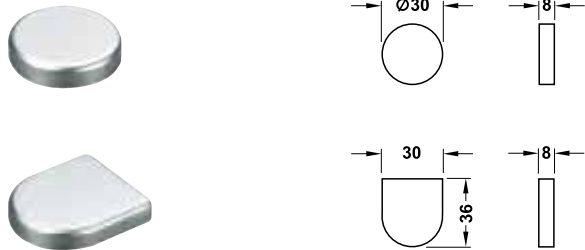


- > Area of application: Suitable for cups with drilling Ø 35 mm (not suitable for use with Duomatic 155° and 165° hinges)
- > Material: Steel
- > Finish: Nickel plated

	Cat. No.
Cup cover cap	329.32.530

Packing: 1 or 50 pieces

Cup cover cap
For Duomatic 94° glass door hinges



Finish	Version	Cat. No.
Polished chrome plated	Round	329.22.210
	Semi-circular	329.22.220
Matt silver coloured	Round	329.22.910
	Semi-circular	329.22.920
Matt black	Round	329.22.330

Packing: 1 or 50 pieces

Duomatic Concealed Hinges

Duomatic Concealed Hinges



Push Mechanical opening aid for opening doors without handle

The Dumatic Push system for tip-on opening consists of Push concealed hinges with opening mechanism and push catches (mechanical or with magnet).

Magnetic push catch ▶ FF 4.52



Hold-in with push catch (mechanical)



Hold-in with magnetic push catch



Smove Soft closing system for gentle and silent closing of doors

The Smove soft closing system allows doors to be closed gently and quietly and can also be retrofitted.

This is recommended for doors with width from 450 mm up to 600 mm. For doors above a height of 1,600 mm or aluminium and wooden frame doors, it may be required to use 2 Smove soft closing systems, which have to be installed in the top or bottom side panel of the furniture.

For mounting in drilled hole



Drill hole with Ø 10 mm and depth of 50 mm and insert Smove into the drill hole.

With adapter for screw fixing



Screw adapter to the recommended position and insert Smove into adapter from the front.

With adapter for sticking on



In order to achieve durable and optimal bonding, we recommend the following installation suggestions:

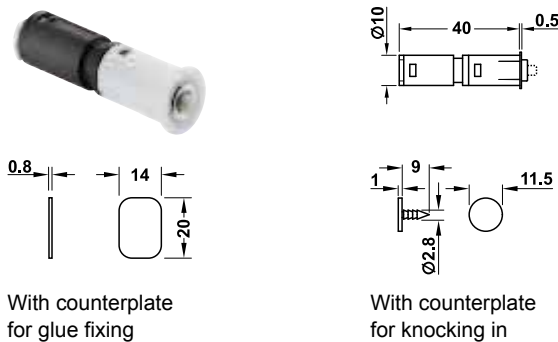
- > The surface where the adapter is going to be fitted has to be cleaned and degreased using cleaning agents containing acetone.
- > Remove protective foil from double-sided adhesive tape.
- > Fix adapter and press on firmly for approximately 1 minute.
- > Insert Smove into adapter from the front.
- > Do not use the adapter constantly for the first 12 hours.

Dumatic Concealed Hinges

Dumatic Concealed Hinges

Magnetic push catch and accessories

→ Push Magnetic push catch, for mounting in drilled hole



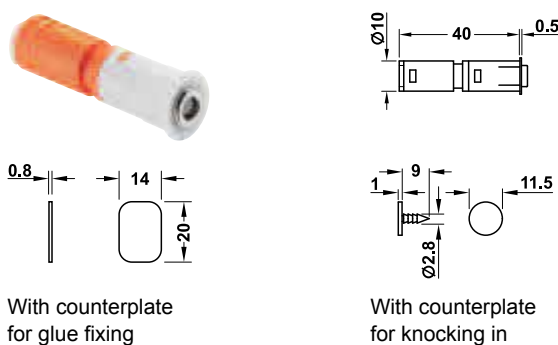
- > Area of application: For use with front panels without handle
- > Version: With magnet for holding in closed position, eject pin for releasing the magnet
- > Material: Plastic
- > Finish/colour: Black/beige
- > Mounting: For mounting in drilled hole in cabinet top panel or base panel for installation with cruciform adapter housing
- > Door gap min. 2.5 mm

Version	Cat. No.
With counterplate for knocking in	356.06.460
With counterplate for glue fixing	356.06.461

Packing: 1 piece

→ Additional magnet (without eject pin)

For front panels from a width of 1,200 mm and above or when using 3 or more Push hinges



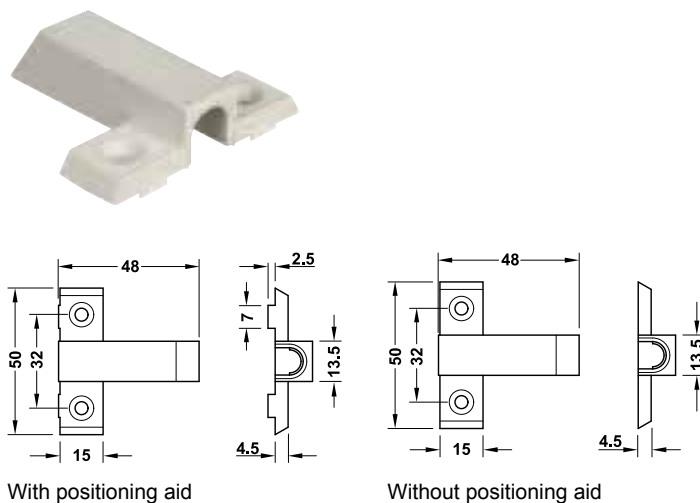
- > Area of application: For use in addition to magnetic push catch
- > Version: With magnetic tip
- > Material: Plastic
- > Finish/colour: Orange/beige
- > Mounting: For mounting in drilled hole in cabinet top panel or base panel for installation with cruciform adapter housing

Note
Position the additional magnet at some distance to the magnetic push catch in order to achieve a uniform gap pattern.

Version	Cat. No.
With counterplate for knocking in	356.06.470
With counterplate for glue fixing	356.06.471

Packing: 1 piece

→ Cruciform adapter housing for screw fixing



- > Material: Plastic
- > Finish/colour: Beige
- > Mounting: For screw fixing to cabinet top panel or base panel

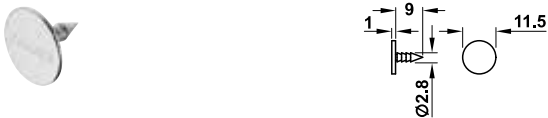
Version	Cat. No.
With positioning aid	356.06.410
Without positioning aid	356.06.420

Packing: 1 or 50 pieces

Order reference
Magnetic push catch not supplied, please order separately.

Duomatic Concealed Hinges – Accessories
For opening doors without handle

→ Counterplate for knocking in



> Material:	Steel
> Finish:	Nickel plated

Installation	Cat. No.
For knocking in	356.06.464

Packing: 1 or 50 pieces

→ Counterplate for glue fixing



> Material:	Steel
> Finish:	Nickel plated

Installation	Cat. No.
For glue fixing	356.06.465

Packing: 1 or 50 pieces

→ Counterplate for mounting in drilled hole



> Material:	Counterplate: Plastic, housing: Plastic
> Finish:	Counterplate: Nickel plated
> Drill hole Ø:	15 mm

Installation	Cat. No.
For mounting in drilled hole	356.06.510

Packing: 1 piece

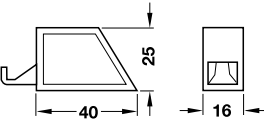
Duomatic Concealed Hinges – Accessories
For opening doors without handle

Push catches (mechanical) and locking parts

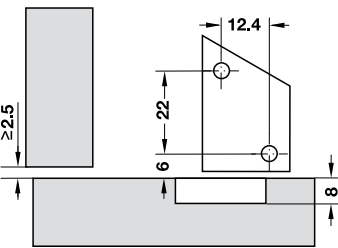
→ Push catch



For screw fixing For glue fixing



Installation



> Material:	Plastic
> Colour:	Grey
> Mounting:	Cabinet, top panel or base panel
> Installation:	For screw fixing or glue fixing
> Version:	With or without positioning aid

Note
The use of 2 push catches is recommended for doors with a height of more than 1,600 mm.

Supplied with
1 push catch
2 lateral cover caps
Fixing screws (for version for screw fixing)

Version	For screw fixing	For glue fixing
With positioning aid	329.44.500	329.44.520
Without positioning aid	329.44.501	–

Packing: 1 or 10 pieces

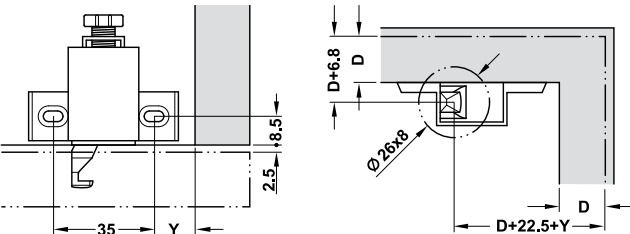
→ Push catch with adjusting adapter



Single Double

Single push catch

Installation



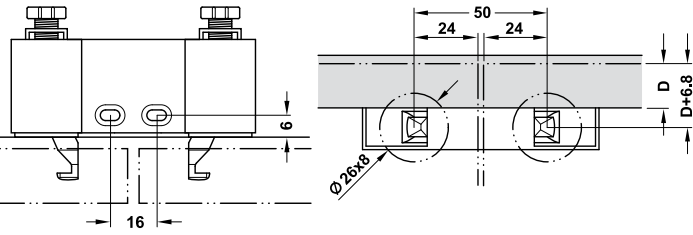
D = door overlay, Y = min. 8.5 mm

	Cat. No.
Single push catch	329.44.571

Packing: 1 or 10 pieces

Double push catch

Installation



D = door overlay

	Cat. No.
Double push catch	329.44.591

Packing: 1 or 10 pieces

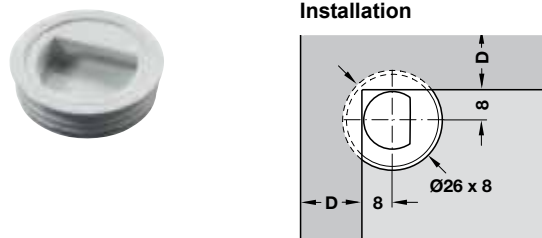
Duomatic Concealed Hinges

Duomatic Concealed Hinges

Duomatic Concealed Hinges – Accessories
For opening doors without handle

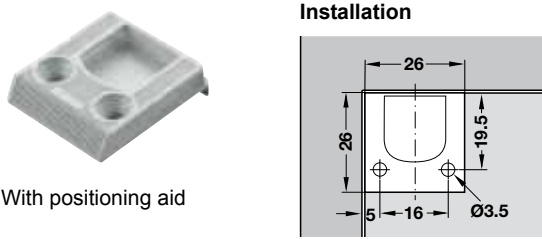
→ Locking part for push catch
For wooden doors

For press fitting, for overlay doors



> Material: Plastic	
Colour	Cat. No.
Grey	329.44.532
Packing: 1 or 150 pieces	

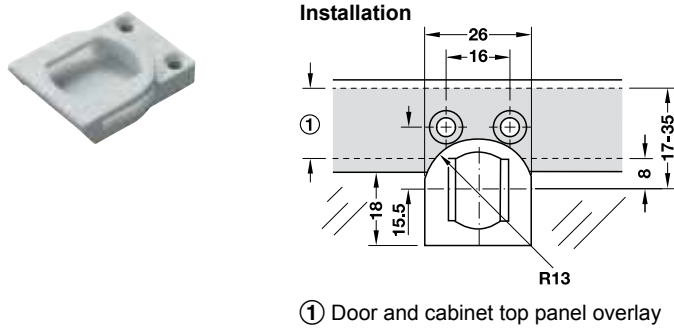
For screw fixing, for inset doors



> Material:		Plastic
Colour	Version	Cat. No.
Grey	With positioning aid	329.44.530
	Without positioning aid	329.44.531
Packing: 1 or 10 pieces		

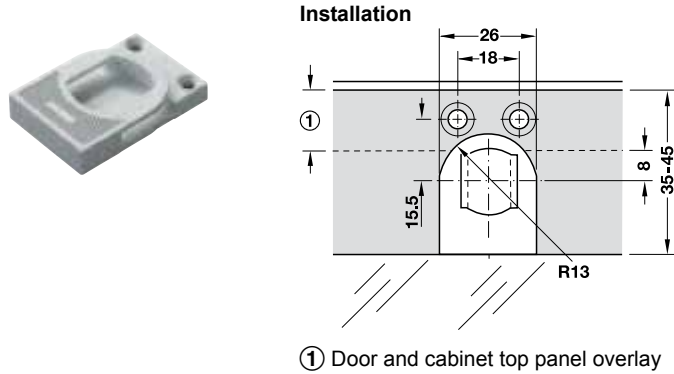
→ Locking part for push catch
For aluminium frame doors

For screw fixing, for 17–35 mm frame profiles



> Material: Plastic		
Colour	Drilling depth mm	Cat. No.
Grey	7.4	329.44.541
Packing: 1 piece		

For screw fixing, for 35–45 mm frame profiles



> Material: Plastic		
Colour	Drilling depth mm	Cat. No.
Grey	7.4	329.44.540
Packing: 1 piece		

Duomatic Concealed Hinges – Accessories
Soft closing system for doors, optional

Smove Soft closing system for doors

For mounting in drilled hole or for use with adapter housing



> Material: Plastic

Note
For doors with a height of more than 1,600 mm or aluminium and wooden frame doors, it may be required to use 2 Smove soft closing systems. Trial mounting is recommended.

→ Soft closing mechanism for doors

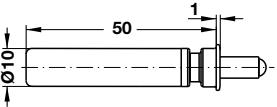
For installation in side panels opposite the hinge side



Installation
Insert Smove into furniture side panel opposite the hinge side.
Position in the centre of the furniture side panel for optimised performance.

Recommended for doors with widths from 450 to 600 mm.

Installation
Drill hole 10 x 50 mm (Ø x depth) and push Smove into drilling or use adapter housing.



Colour	Cat. No.
Orange, grey	356.33.509
Packing: 1 or 50 pieces	

For installation in cabinet top panel or base panel



Installation
Insert Smove into the centre of cabinet top panel or base panel.



Colour	Cat. No.
White, grey	356.33.510
Packing: 1 or 50 pieces	

For installation in cabinet top panel or base panel next to hinge side



Installation
Insert Smove into cabinet top panel or base panel next to hinge side.
A drilling distance of 27 mm from the inside is recommended.



Colour	Cat. No.
Grey	356.11.520
Packing: 1 or 50 pieces	

Duomatic Concealed Hinges

Duomatic Concealed Hinges

Metallamat Concealed Hinges
For wooden doors

Metallamat A/SM 110°
For standard applications



Full overlay mounting with mounting plate

- > Material: Steel cup and hinge arm
- > Finish: Nickel plated
- > Cup fixing: For screw fixing
- > Installation: Door to cabinet with slide-on system A or with quick fixing system SM
- > Drilling depth: Hinge cup 12.5 mm
- > Adjustment facility: 3-dimensional (with appropriate mounting plate)
- > With automatic closing spring

Note
Dimensions and gap specifications in drawings and tables are calculated:
> Using factory settings
> With mounting plate distance 0 mm

Full overlay mounting

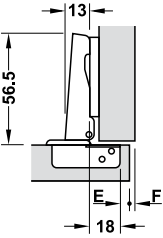


Table with 14 columns (13-23) and 2 rows (A, SM) showing door overlay mm and mounting plate distance mm.

Mounting plates are available for slide-on system (A) with 2, 4, 6 and 8 mm, for quick fixing system (SM) with 3, 4, 6 and 8 mm.

Half overlay mounting/twin mounting

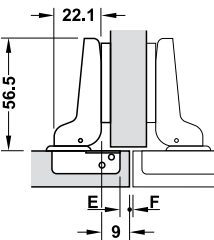


Table with 14 columns (4-14) and 2 rows (A, SM) showing door overlay mm and mounting plate distance mm.

Mounting plates are available for slide-on system (A) with 2, 4, 6 and 8 mm, for quick fixing system (SM) with 3, 4, 6 and 8 mm.

Inset mounting

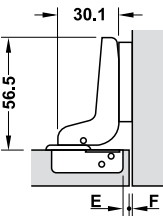


Table with 14 columns (0-6) and 2 rows (A, SM) showing door overlay mm and mounting plate distance mm.

Table with 6 columns (Door thickness mm, Distance to cup E mm) showing minimum gap for door thicknesses 15-23 mm.

Table with 4 columns (Cup fixing, Drilling pattern, Slide-on system A, Quick fixing system SM) showing specifications and part numbers.

Table with 4 columns (Cup fixing, Drilling pattern, Slide-on system A, Quick fixing system SM) showing specifications and part numbers.

Table with 4 columns (Cup fixing, Drilling pattern, Slide-on system A, Quick fixing system SM) showing specifications and part numbers.

Metallamat Concealed Hinges
For wooden doors

Metallamat A/SM 175°
For cabinets with internal pull outs and extending trays



Full overlay mounting with mounting plate

- > Material: Zinc alloy cup, steel hinge arm
- > Finish: Nickel plated
- > Cup fixing: For screw fixing
- > Installation: Door to cabinet with slide-on system A or with quick fixing system SM
- > Drilling depth: Hinge cup 12.5 mm
- > Adjustment facility: 3-dimensional (with appropriate mounting plate)
- > With automatic closing spring

Full overlay mounting

> Hinge arm Straight

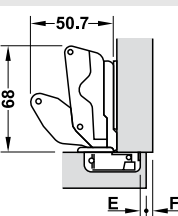


Table with 22 columns (11-22) and 2 rows (A, SM) showing door overlay mm and mounting plate distance mm.

Mounting plates are available for slide-on system (A) with 2, 4, 6 and 8 mm, for quick fixing system (SM) with 3, 4, 6 and 8 mm.

Half overlay mounting/twin mounting and inset mounting

> Hinge arm: Cranked

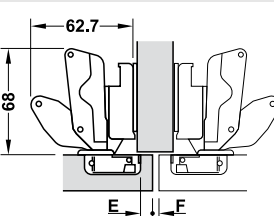


Table with 11 columns (1-10) and 2 rows (A, SM) showing door overlay mm and mounting plate distance mm.

Mounting plates are available for slide-on system (A) with 2, 4, 6 and 8 mm, for quick fixing system (SM) with 3, 4, 6 and 8 mm.

For inset mounting

Table with 11 columns (0-8) showing door overlay mm and mounting plate distance mm.

A mounting plate with distance 8 mm must be used for inset mounting.

Table with 7 columns (Door thickness mm, Distance to cup E mm) showing minimum gap for door thicknesses 20-26 mm.

Note
Dimensions and gap specifications in drawings and tables are calculated:
> Using factory settings
> With mounting plate distance 0 mm

Table with 4 columns (Cup fixing, Drilling pattern, Slide-on system A, Quick fixing system SM) showing specifications and part numbers.

Table with 4 columns (Cup fixing, Drilling pattern, Slide-on system A, Quick fixing system SM) showing specifications and part numbers.

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

Metallamat Concealed Hinges
For wooden doors

Metallamat A/SM 92°
For thick doors and profile doors up to 35 mm

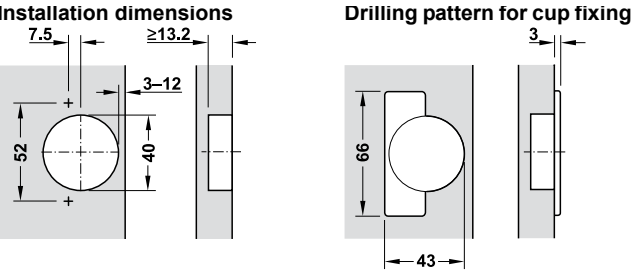


Full overlay mounting with mounting plate

- > Material: Zinc alloy cup, steel hinge arm (zinc alloy with inset mounting)
- > Finish: Nickel plated
- > Cup fixing: For screw fixing
- > Installation: Door to cabinet with slide-on system A
- > Drilling depth: Hinge cup 13.2 mm
- > Adjustment facility: 3-dimensional (with appropriate mounting plate)
- > With automatic closing spring

Table with 2 rows of headers: Door thickness mm and Distance to cup mm. Main body contains 12 columns of data for door thicknesses from 24 to 35 mm.

Note
Dimensions and gap specifications in drawings and tables are calculated:
> Using factory settings
> With mounting plate distance 0 mm



Full overlay mounting

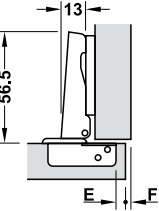


Table with 2 rows of headers: Door overlay mm and Distance to cup E mm. Main body contains 12 columns of data for door thicknesses from 22 to 33 mm.

Table with 2 rows of headers: Door overlay mm and Distance to cup E mm. Main body contains 12 columns of data for door thicknesses from 18 to 29 mm.

Table with 2 rows: Cup fixing and Slide-on system A. For screw fixing. Packing: 1 or 250 pieces.

Metallamat Concealed Hinges
For wooden doors

Half overlay mounting/twin mounting

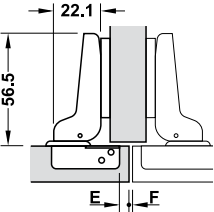


Table with 2 rows of headers: Door overlay mm and Distance to cup E mm. Main body contains 15 columns of data for door thicknesses from 1 to 15 mm.

Inset mounting

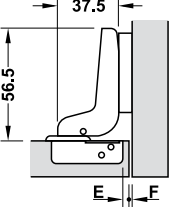


Table with 2 rows of headers: Door overlay mm and Distance to cup E mm. Main body contains 6 columns of data for door thicknesses from -5.5 to -0.5 mm.

Table with 2 rows: Cup fixing and Slide-on system A. For screw fixing. Packing: 250 pieces.

Table with 2 rows: Cup fixing and Slide-on system A. For screw fixing. Packing: 50 pieces.

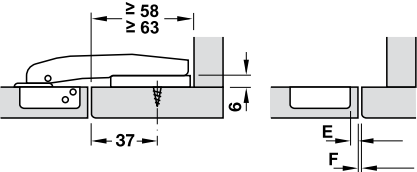
Metallamat A/SM 92°
For blind corner applications



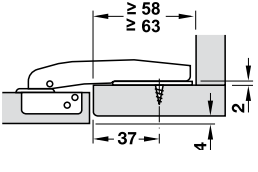
Full overlay mounting with mounting plate

- > Material: Steel cup, zinc alloy hinge arm
- > Finish: Nickel plated
- > Cup fixing: For screw fixing
- > Installation: Door to cabinet with slide-on system A or with quick fixing system SM
- > Drilling depth: Hinge cup 12.5 mm
- > Adjustment facility: 3-dimensional (with appropriate mounting plate)
- > With automatic closing spring

Note
Dimensions and gap specifications in drawings and tables are calculated:
> Using factory settings
> With mounting plate distance 0 mm



Mounting plate distance 6 mm
≥ 58 slide-on system (A)
≥ 63 quick fixing system (SM)
E-3-7 mm



Mounting plate distance 2 mm
≥ 58 slide-on system (A)
≥ 63 quick fixing system (SM)

Installation
> In order to mount the inner surface of the door flush with the inner surface of the blind corner, always use mounting plates with distance 6 mm.
> The standard screw-on position of the mounting plate is 37 mm from the edge of the blind corner.

Table with 2 rows: Cup fixing and Slide-on system A. For screw fixing. Quick fixing system SM. Packing: 25 pieces.

Metallamat Concealed Hinges
For wooden doors

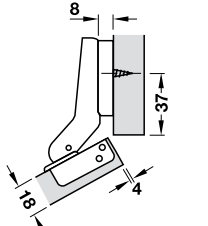
Metallamat A/SM 92°
For 30° and 45° corner applications



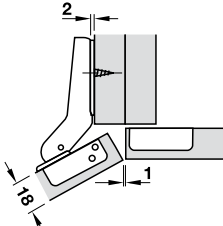
30° corner applications with mounting plate

- > Material: Steel cup, zinc alloy hinge arm
- > Finish: Nickel plated
- > Cup fixing: For screw fixing
- > Installation: Door to cabinet with slide-on system A or with quick fixing system SM
- > Drilling depth: Hinge cup 12.5 mm
- > Adjustment facility: 3-dimensional (with appropriate mounting plate)
- > With automatic closing spring

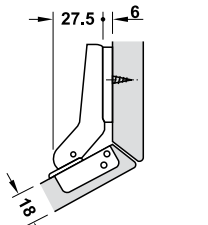
→ 30° Corner application



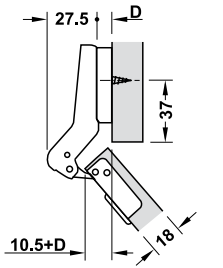
Distance 8 mm, half overlay



Distance 2 mm, full overlay



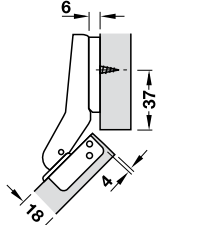
Distance 6 mm, mitre



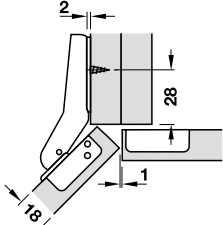
Cup fixing	Drilling pattern 48/6
Slide-on system A	
For screw fixing	316.34.500
Quick fixing system SM	
For screw fixing	318.44.500

Packing: 1 or 50 pieces

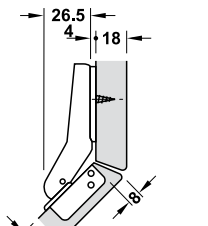
→ 45° Corner application



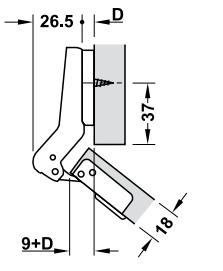
Distance 6 mm, half overlay



Distance 2 mm, full overlay



Distance 4 mm, mitre



Cup fixing	Drilling pattern 48/6
Slide-on system A	
For screw fixing	316.34.501
Quick fixing system SM	
For screw fixing	318.44.501

Packing: 1 or 50 pieces

Metallamat Concealed Hinges
For wooden doors

Metallamat A 92°
For -30° and -45° corner applications



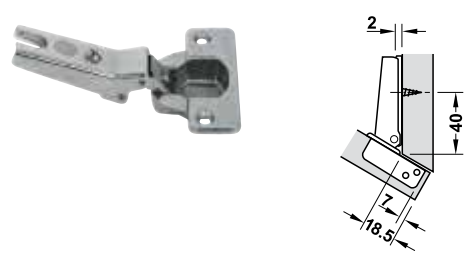
-30° corner application with mounting plate

- > Material: Steel cup, zinc alloy hinge arm
- > Finish: Nickel plated
- > Cup fixing: For screw fixing
- > Installation: Door to cabinet with slide-on system A
- > Drilling depth: Hinge cup 12.5 mm
- > Adjustment facility: 3-dimensional (with appropriate mounting plate)
- > With automatic closing spring

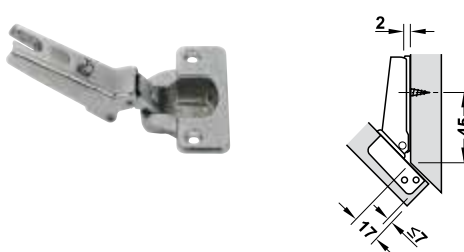
Door thickness mm	Distance to cup E mm				
	3.0	4.0	5.0	6.0	7.0
15	0.6	0.6	0.6	0.6	0.6
16	0.8	0.8	0.8	0.8	0.8
17	1.1	1.0	1.0	1.0	1.0
18	1.4	1.4	1.3	1.3	1.3
19	1.8	1.7	1.7	1.6	1.6
20	2.2	2.1	2.0	2.0	2.0
21	2.8	2.6	2.5	2.4	2.3
22	3.4	3.1	3.0	2.8	2.7
23	4.1	3.8	3.6	3.3	3.2
24	4.9	4.5	4.2	4.0	3.8
25	5.8	5.3	4.9	4.6	4.3
26	6.6	6.2	5.7	5.3	5.1
Minimum gap F					

Note
Dimensions and gap specifications in drawings and tables are calculated:
> Using factory settings
> With mounting plate distance 0 mm

→ For -30° corner applications



→ For -45° corner applications



→ Wedge 7.5°



Cup fixing	Drilling pattern 48/6
For screw fixing	316.39.500

Packing: 1 or 50 pieces

Cup fixing	Drilling pattern 48/6
For screw fixing	316.39.501

Packing: 1 or 50 pieces

- > Area of application: For corner application with mounting plate that requires underlying Plastic, black
- > Material: Plastic, black
- > Version: Stackable, increases the degree of the corner application by 7.5°

Height mm	Cat. No.
6.5	317.93.630

Packing: 1 or 50 pieces

Metalla 300 Concealed Hinges
For wooden doors

Metalla 300 SM Combi 110°
For standard applications



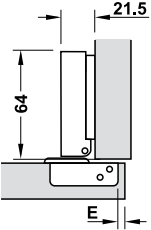
Full overlay mounting with mounting plate

> With or without integrated soft closing mechanism

> Material:	Steel cup and hinge arm
> Finish:	Nickel plated
> Cup fixing:	For screw fixing
> Door thickness:	14–26 mm
> Installation:	Door to cabinet with quick fixing system SM
> Drilling depth:	Hinge cup 12.0 mm
> Adjustment facility:	Side adjustment ±1.5 mm, height adjustment ±2 mm (via mounting plate), depth adjustment from –1 to +3 mm
> With automatic closing spring	

Note
The values (distance to cup) in the table apply to centre position of side adjusting screw.

→ Full overlay mounting

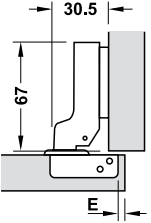


Door overlay mm								
10.5	11.5	12.5	13.5	14.5	15.5	16.5	17.5	
				3	4	5	6	0
		3	4	5	6			2
3	4	5	6					4
Distance to cup E mm					Mounting plate distance mm			

Soft closing mechanism	Drilling pattern		
	45/9.5	48/6	52/5.5
With	311.60.505	311.60.525	311.60.515
Without	311.60.600	311.60.620	311.60.610

Packing: 1 or 200 pieces

→ Half overlay mounting/twin mounting

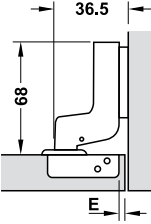


Door overlay mm								
3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.5	
				3	4	5	6	0
		3	4	5	6			2
3	4	5	6					4
Distance to cup E mm					Mounting plate distance mm			

Soft closing mechanism	Drilling pattern		
	45/9.5	48/6	52/5.5
With	311.60.506	311.60.526	311.60.516
Without	311.60.601	311.60.621	311.60.611

Packing: 1 or 200 pieces

→ Inset mounting



Door overlay mm								
-5.5	-4.5	-3.5	-2.5	-1.5	-0.5	0.5	1.5	
				3	4	5	6	0
		3	4	5	6			2
3	4	5	6					4
Distance to cup E mm					Mounting plate distance mm			

Soft closing mechanism	Drilling pattern		
	45/9.5	48/6	52/5.5
With	311.60.507	311.60.527	311.60.517
Without	311.60.602	311.60.622	311.60.612

Packing: 1 or 200 pieces

Metalla 300 Concealed Hinges
Accessories

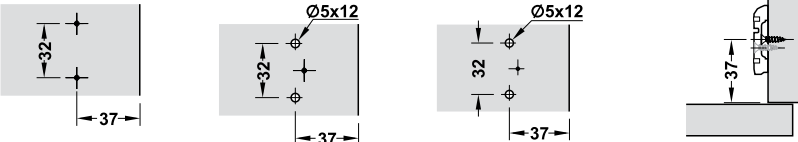
Metalla 300 SM Combi Cruciform mounting plate
With quick fixing system

> Material:	Steel
> Finish:	Nickel plated

→ Height adjustment ±2 mm via slot



For chipboard screws With Euro screws With short Euro screws



Distance D mm	Cat. No.
For screw fixing with chipboard screws	
0	311.71.570
2	311.71.572
4	311.71.574

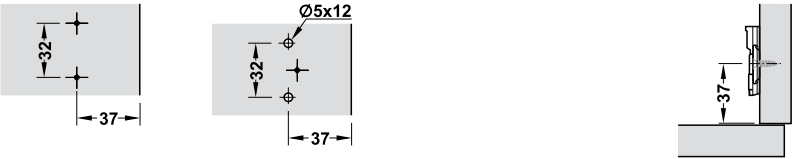
With pre-mounted Euro screws	
0	311.71.600
2	311.71.602
4	311.71.604
With pre-mounted short Euro screws	
2	311.71.612

Packing: 200 pieces

→ Height adjustment ±2 mm via eccentric



For chipboard screws With Euro screws



Distance D mm	Cat. No.
For screw fixing with chipboard screws	
0	311.71.540
2	311.71.542
4	311.71.544

With pre-mounted Euro screws	
0	311.71.560
2	311.71.562
4	311.71.564

Packing: 200 pieces

Metalla 300 SM Combi Cover cap



> Material:	Steel
> Finish:	Nickel plated

Suitable for	Cat. No.
Metalla 300 SM Combi	311.91.530

Packing: 50 or 1000 pieces

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DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

Metalla 300 Concealed Hinges
For wooden doors

Metalla 300 SM Mini 95° Combi
For small doors and narrow frames



Full overlay mounting with mounting plate

> With or without integrated soft closing mechanism

> Material:	Steel cup and hinge arm
> Finish:	Nickel plated
> Cup fixing:	For screw fixing
> Installation:	Door to cabinet with quick fixing system SM
> Drilling depth:	10.0 mm
> Adjustment facility:	Side adjustment ± 2 mm, height adjustment ± 2 mm (via mounting plate), depth adjustment -0.6 to $+3$ mm
> Door thickness:	12–18 mm

Note

The values (distance to cup) in the table apply to centre position of side adjusting screw.

→ Full overlay mounting

Door overlay mm										
8	9	10	11	12	13	14	15	16		
				3	4	5	6	7	0	
		3	4	5	6	7			2	
3	4	5	6	7					4	
Distance to cup E mm					Mounting plate distance mm					

Soft closing mechanism	Drilling pattern mm	Cat. No.
With	38/7.5	315.60.700
Without	38/7.5	315.60.500

Packing: 1 or 200 pieces

→ Half overlay mounting

Door overlay mm										
-1	0	1	2	3	4	5	6	7		
				3	4	5	6	7	0	
		3	4	5	6	7			2	
3	4	5	6	7					4	
Distance to cup E mm					Mounting plate distance mm					

Soft closing mechanism	Drilling pattern mm	Cat. No.
With	38/7.5	315.60.701
Without	38/7.5	315.60.501

Packing: 1 or 200 pieces

→ Inset mounting

Door overlay mm										
-7	-6	-5	-4	-3	-2	-1	0	1		
				3	4	5	6	7	0	
		3	4	5	6	7			2	
3	4	5	6	7					4	
Distance to cup E mm					Mounting plate distance mm					

Soft closing mechanism	Drilling pattern mm	Cat. No.
With	38/7.5	315.60.702
Without	38/7.5	315.60.502

Packing: 1 or 200 pieces

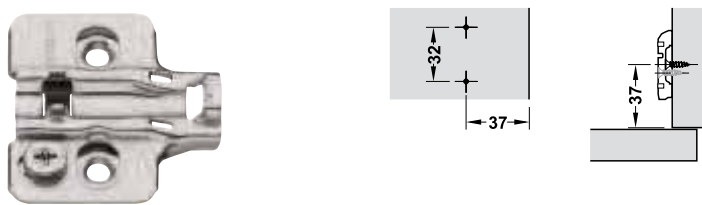
DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

Metalla 300 Concealed Hinges
Accessories

Metalla 300 SM Mini Cruciform mounting plate
With quick fixing system

> Material:	Steel
> Finish:	Nickel plated

→ Height adjustment ± 2 mm via eccentric

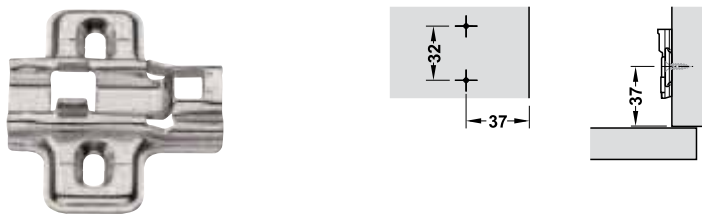


Distance D mm	Screw length mm	Cat. No.
For screw fixing with chipboard screws		
2	–	315.98.652
4	–	315.98.654

With pre-mounted Euro screws		
0	14	315.98.510
2	14	315.98.512
4	14	315.98.514

Packing: 1 piece

→ Height adjustment ± 2 mm via slot



Distance D mm	Screw length mm	Cat. No.
For screw fixing with chipboard screws		
0	–	315.98.520
2	–	315.98.522
4	–	315.98.524

With pre-mounted Euro screws		
0	14	315.98.530
2	14	315.98.532
4	14	315.98.534

Packing: 1 piece

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

Metalla 300 Concealed Hinges
For wooden doors

Metalla 300 SM 110°
For standard applications



Full overlay mounting with mounting plate

- > Material: Steel cup and hinge arm
- > Finish: Nickel plated
- > Cup fixing: For screw fixing
- > Installation: Door to cabinet with quick fixing system SM
- > Drilling depth: Hinge cup 11.0 mm
- > Adjustment facility: Side adjustment ±2.5 mm, height adjustment ±2 mm (via mounting plate), depth adjustment ±1 mm
- > With automatic closing spring
- > Cannot be used in combination with Metalla SM Combi

Note
The values (distance to cup) in the table apply to centre position of side adjusting screw.

→ Full overlay mounting

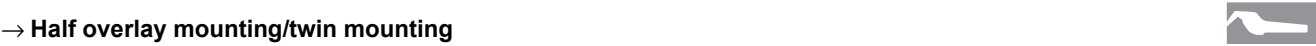
Door overlay mm									
9	10	11	12	13	14	15	16	17	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4
Distance to cup E mm					Mounting plate distance mm				

→ Half overlay mounting/twin mounting

Door overlay mm									
1	2	3	4	5	6	7	8	9	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4
Distance to cup E mm					Mounting plate distance mm				

→ Inset mounting

Door overlay mm									
-8	-7	-6	-5	-4	-3	-2	-1	0	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4
Distance to cup E mm					Mounting plate distance mm				



Cup fixing	Drilling pattern		
	45/9.5	48/6	52/5.5
For screw fixing	311.60.500	311.60.520	311.60.510

Packing: 1 or 250 pieces

Cup fixing	Drilling pattern		
	45/9.5	48/6	52/5.5
For screw fixing	311.60.501	311.60.521	311.60.511

Packing: 250 pieces

Cup fixing	Drilling pattern		
	45/9.5	48/6	52/5.5
For screw fixing	311.60.502	311.60.522	311.60.512

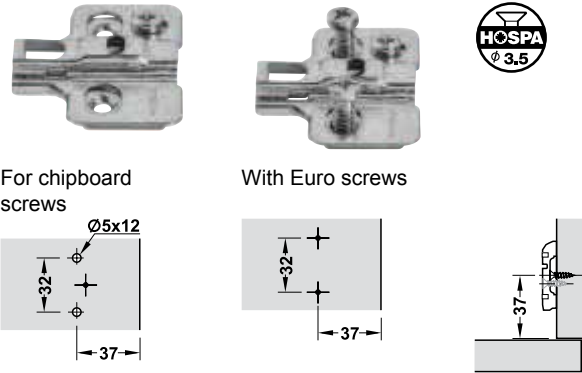
Packing: 250 pieces

Metalla 300 Concealed Hinges
Accessories

Metalla 300 SM Cruciform mounting plate
With quick fixing system

- > Material: Steel
- > Finish: Nickel plated

→ Height adjustment ±2 mm via eccentric



Distance D mm	Packing pieces	Cat. No.
For screw fixing with chipboard screws		
0	1 or 250	311.70.610
2	250	311.70.612
4	250	311.70.614
With pre-mounted Euro screws		
0	250	311.70.620
2	250	311.70.622
4	250	311.70.624

Metalla 300 SM/A Cover cap

- > Material: Steel
- > Finish: Nickel plated



Suitable for	Cat. No.
Metalla SM/A	311.91.510

Packing: 50 or 1000 pieces

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Metalla 300 Concealed Hinges
For wooden doors

Metalla 300 A 110°
For standard applications



Full overlay mounting with mounting plate

- > Material: Steel cup and hinge arm
- > Finish: Nickel plated
- > Cup fixing: For screw fixing
- > Installation: Door to cabinet with slide-on system A
- > Drilling depth: Hinge cup 12.0 mm
- > Adjustment facility: Side adjustment ± 2.5 mm, height adjustment ± 2 mm (via mounting plate), depth adjustment ± 2 mm
- > With automatic closing spring

Note
The values (distance to cup) in the table apply to centre position of side adjusting screw.

→ Full overlay mounting

Door overlay mm											
9	10	11	12	13	14	15	16	17	18	19	
						3	4	5	6	7	-2
				3	4	5	6	7			0
		3	4	5	6	7					2
3	4	5	6	7							4
Distance to cup E mm					Mounting plate distance mm						

→ Half overlay mounting/twin mounting

Door overlay mm											
1	2	3	4	5	6	7	8	9	10	11	
						3	4	5	6	7	-2
				3	4	5	6	7			0
		3	4	5	6	7					2
3	4	5	6	7							4
Distance to cup E mm					Mounting plate distance mm						

→ Inset mounting

Door overlay mm											
-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	
						3	4	5	6	7	-2
				3	4	5	6	7			0
		3	4	5	6	7					1
3	4	5	6	7							2
Distance to cup E mm					Mounting plate distance mm						

Metalla 300 Concealed Hinges
For wooden doors

Metalla 300 A 165°
For cabinets with internal pull outs or extending trays



Full overlay mounting with mounting plate

- > Material: Steel cup and hinge arm
- > Finish: Nickel plated
- > Cup fixing: For screw fixing
- > Installation: Door to cabinet with slide-on system A
- > Drilling depth: Hinge cup: 12 mm
- > Adjustment facility: Side adjustment ± 2.5 mm, height adjustment ± 2 mm (via mounting plate), depth adjustment ± 2 mm
- > With automatic closing spring

Note
The values (distance to cup) in the table apply to centre position of side adjusting screw.

→ Full overlay mounting

Door overlay mm									
7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5	15.5	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4
Distance to cup E mm					Mounting plate distance mm				

Cup fixing	Drilling pattern mm	Packing pieces	Cat. No.
For screw fixing	48/6	1 or 125	311.93.500
For screw fixing	45/9.5	1 or 100	311.93.510

→ Half overlay mounting/twin mounting

Door overlay mm									
2	3	4	5	6	7	8	9	10	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4
Distance to cup E mm					Mounting plate distance mm				

Cup fixing	Cat. No.
For screw fixing	311.93.502
Packing: 1 piece	

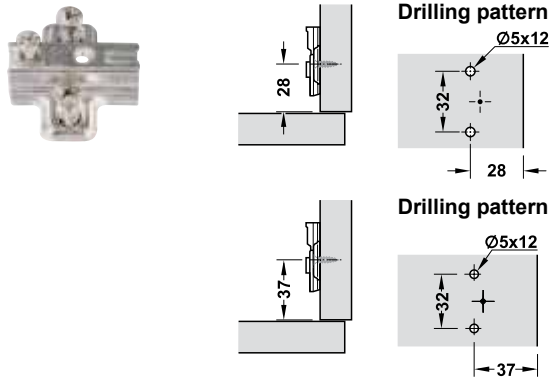
DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

Metalla 300 A Cruciform mounting plate
With slide-on system

- > Material: Steel
- > Finish: Nickel plated
- > Adjustment facility: Height adjustment ±2 mm via slot

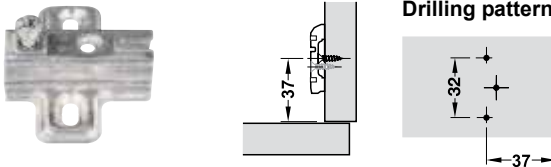
→ For screw fixing with pre-mounted Euro screws



Distance D mm	Cat. No.
With edge distance 28 mm	
2	311.98.522
With edge distance 37 mm	
-2	311.98.515
0	311.98.510
2	311.98.512
4	311.98.514

Packing: 50 or 250 pieces

→ For screw fixing with chipboard screws



Distance D mm	Cat. No.
-2	311.98.505
0	311.98.500
2	311.98.502
4	311.98.504

Packing: 50 or 250 pieces

Metalla 300 SM/A Cover cap

- > Material: Steel
- > Finish: Nickel plated



Suitable for	Cat. No.
Metalla SM/A	311.91.510

Packing: 50 or 1000 pieces

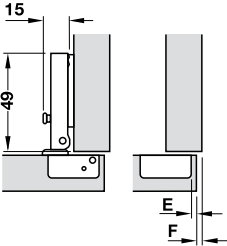
Metalla 300 A Mini 95°
For small doors and narrow frames



Full overlay mounting with mounting plate

Note
The values (distance to cup) in the table apply to centre position of side adjusting screw.

→ Full overlay mounting

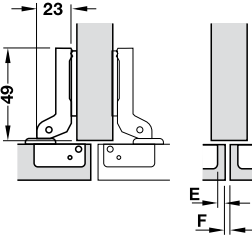


Door overlay mm										
7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5	15.5		
						3	4	5	-2	
				3	4	5			0	
		3	4	5					2	
3	4	5							4	
Distance to cup E mm					Mounting plate distance mm					

Cup fixing	Drilling pattern 38/7.5
For screw fixing	311.41.500
For screw fixing, with pre-mounted Euro screws	311.41.533

Packing: 50 or 250 pieces

→ Half overlay mounting/twin mounting

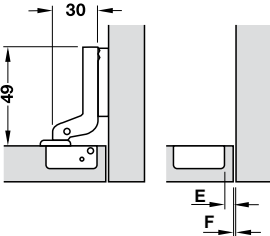


Door overlay mm										
-1.5	-0.5	0.5	1.5	2.5	3.5	4.5	5.5	6.5		
						3	4	5	-2	
				3	4	5			0	
		3	4	5					2	
3	4	5							4	
Distance to cup E mm					Mounting plate distance mm					

Cup fixing	Drilling pattern 38/7.5
For screw fixing	311.41.501

Packing: 50 or 250 pieces

→ Inset mounting



Door overlay mm										
-7.5	-6.5	-5.5	-4.5	-3.5	-2.5	-1.5	-0.5	0.5		
						3	4	5	-2	
				3	4	5			0	
		3	4	5					2	
3	4	5							4	
Distance to cup E mm					Mounting plate distance mm					

Cup fixing	Drilling pattern 38/7.5
For screw fixing	311.41.502

Packing: 50 or 250 pieces

Metalla 300 Concealed Hinges
For wooden doors

Metalla 300 A Mini 95°



45° corner applications with mounting plate

- > Material: Steel cup, zinc alloy hinge arm
- > Finish: Nickel plated
- > Cup fixing: For screw fixing
- > Installation: Door to cabinet with slide-on system
- > Adjustment facility: Side adjustment ±2.5 mm, height adjustment ±2 mm (via mounting plate), depth adjustment ±2 mm
- > With automatic closing spring

Minimum gap table

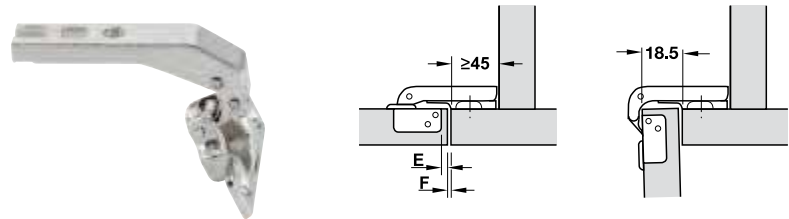
> Door thickness mm	Distance to cup mm		
	3	4	5
> 13	0.2	0.2	0.2
> 14	0.4	0.3	0.3
> 15	0.6	0.5	0.5
> 16	0.8	0.8	0.7
> 17	1.3	1.1	1.0
> 18	1.9	1.5	1.3
> 19	2.8	2.3	1.9
> 20	3.6	3.1	2.7

→ For 45° corner applications



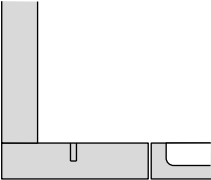
Cup fixing	Drilling pattern 38/7.5
For screw fixing	311.46.500
Packing: 50 or 250 pieces	

→ Blind corner mounting for wood



Cup fixing	Drilling pattern 38/7.5
For screw fixing	311.45.500
Packing: 50 or 250 pieces	

Note



Blind corner and front panel are flush when using mounting plates with distance 4 mm

Metalla 100 Concealed Hinges
For wooden doors

Metalla 100 A 110°
For standard applications

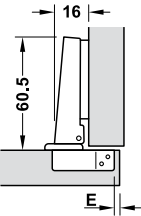


- > Material: Steel cup and hinge arm
- > Finish: Nickel plated
- > Cup fixing: For screw fixing
- > Installation: Door to cabinet with slide-on system
- > Drilling depth: Hinge cup: 12 mm
- > Adjustment facility: Side adjustment ±2.5 mm, height adjustment ±2.0 mm (via mounting plate), depth adjustment -1.5/+4.5 mm
- > For door thickness: 14–26 mm
- > With automatic closing spring

Note

The values (distance to cup) in the table apply to centre position of side adjusting screw.

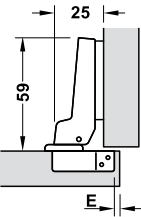
→ Full overlay mounting



Door overlay mm							
12	13	14	15	16	17	18	
			3	4	5	6	0
	3	4	5	6			2
3	4	5	6				4
Distance to cup E mm				Mounting plate distance mm			

Cup fixing	Drilling pattern 48/6 52/5.5	
For screw fixing	311.90.620	311.90.623
Packing: 1 or 250 pieces		

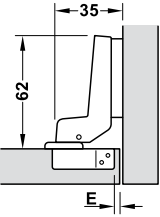
→ Half overlay mounting/twin mounting



Door overlay mm							
6	7	8	9	10	11	12	
			3	4	5	6	0
	3	4	5	6			2
3	4	5	6				4
Distance to cup E mm				Mounting plate distance mm			

Cup fixing	Drilling pattern 48/6 52/5.5	
For screw fixing	311.90.621	311.90.624
Packing: 1 or 250 pieces		

→ Inset mounting



Door overlay mm							
-2	-1	0	1	2	3	4	
			3	4	5	6	0
	3	4	5	6			2
3	4	5	6				4
Distance to cup E mm				Mounting plate distance mm			

Cup fixing	Drilling pattern 48/6 52/5.5	
For screw fixing	311.90.622	311.90.625
Packing: 1 or 250 pieces		

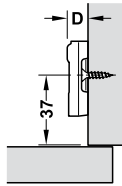
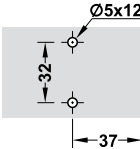
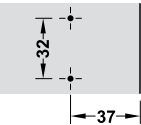
Häfele Metalla 100 A Cruciform mounting plate
With slide-on system, height adjustment ±2 mm via slot



For chipboard screws



With Euro screws



- > Material: Steel
- > Finish: Nickel plated

Distance D mm	For screw fixing with		
	Chipboard screws	Euro screws 6.3 x 14 mm	Euro screws 6.3 x 10 mm
0	311.98.680	311.98.690	311.98.691
2	311.98.682	311.98.692	311.98.693
4	311.98.684	311.98.694	311.98.695

Packing: 1 or 250 pieces

Metalla 100 Concealed Hinges For wooden doors

Metalla 100 Mini A 95° For standard applications

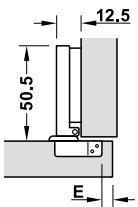


- > Material: Steel cup and hinge arm
- > Finish: Nickel plated
- > Cup fixing: For screw fixing
- > Installation: Door to cabinet with slide-on system
- > Drilling depth: Hinge cup: 9.5 mm
- > Adjustment facility: Side adjustment ± 2.5 mm, height adjustment ± 2.0 mm (via mounting plate), depth adjustment ± 2.5 mm
- > For door thickness: 12–22 mm
- > With automatic closing spring

Note

The values (distance to cup) in the table apply to centre position of side adjusting screw.

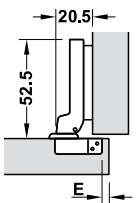
→ Full overlay mounting



Door overlay mm								
8.5	9.5	10.5	11.5	12.5	13.5	14.5	15.5	
				3	4	5	6	0
		3	4	5	6			2
3	4	5	6					4
Distance to cup E mm				Mounting plate distance mm				

Cup fixing	Drilling pattern 38/7.5
For screw fixing	308.01.000
Packing: 1 or 250 pieces	

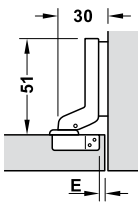
→ Half overlay mounting/twin mounting



Door overlay mm								
-1.5	-0.5	0.5	1.5	2.5	3.5	4.5	5.5	
				3	4	5	6	0
		3	4	5	6			2
3	4	5	6					4
Distance to cup E mm				Mounting plate distance mm				

Cup fixing	Drilling pattern 38/7.5
For screw fixing	308.01.001
Packing: 1 or 250 pieces	

→ Inset mounting



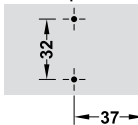
Door overlay mm								
-5.5	-4.5	-3.5	-2.5	-1.5	-0.5	0.5	1.5	
				3	4	5	6	0
		3	4	5	6			2
3	4	5	6					4
Distance to cup E mm				Mounting plate distance mm				

Cup fixing	Drilling pattern 38/7.5
For screw fixing	308.01.002
Packing: 1 or 250 pieces	

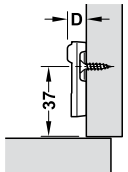
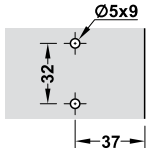
Metalla 100 Mini A Cruciform mounting plate With slide-on system, height adjustment ± 2 mm via slot



For chipboard screws



With Euro screws



- > Material: Steel
- > Finish: Nickel plated

Distance D mm	Cat. No.
For screw fixing with chipboard screws	
0	308.01.004
2	308.01.005
With pre-mounted Euro screws 6.3 x 11 mm	
0	308.01.007
2	308.01.008
Packing: 1 or 250 pieces	

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Aximat 100 Project Hinges Information

Häfele Aximat 100



Features:

- > LGA-tested project quality in accordance with DIN EN 15570 test level 3 (80,000 cycles)
- > 2 or 3-dimensional adjustment for optimum alignment of the gap pattern
- > Large opening angle of 180° to 270° due to external pivot point (knuckle)
- > Practically no loss of space in the cabinet interior due to the flat design
- > Door mounting using slide-on (Aximat 100 A) or time-saving quick fixing system (Aximat 100 SM)
- > Cup fixing by means of screw fixing or press fitting, hinge arm mounted in 32 mm series drilled holes
- > Cabinet construction or continuous construction possible
- > With integrated spring
- > Optional accessories available, e.g. opening angle restraint
- > RAL colours also available on request



Flat assembly

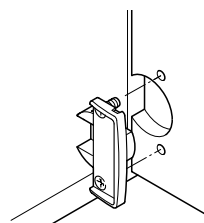


Exposed knuckle

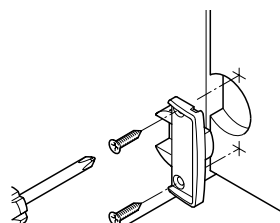


Also available in special colours

Cup fixing

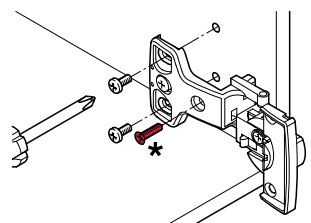


For press fitting



For screw fixing

Hinge arm fixing – important processing reference



* A third screw must be used for securing the hinge arm

Number of concealed hinges per door

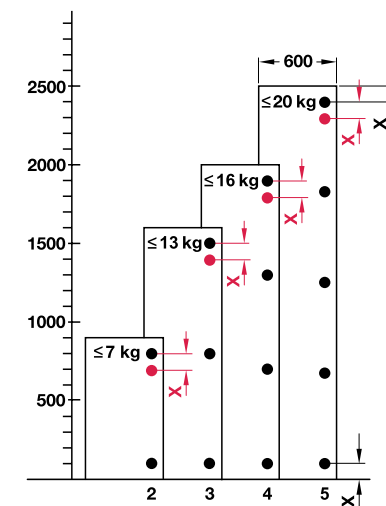
The values in the diagram are sample measurements for doors up to 600 mm wide.

With doors less than 400 mm wide the minimum gap must be determined by trial mounting.

The door's width should not exceed its height.

The distance between the hinges of doors with 2 hinges must be at least as long as the door is wide, if possible even longer.

In case of heavy loads and high leverage force, an additional hinge (dim. X max. 100 mm) mounted below the top hinge is recommended.



DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

Aximat 100 Project Hinges Information

Mounting and disassembly of the door

Aximat 100 SM and 100 SM FS (quick fixing system)

Mounting:



Slide cup onto the hinge arm and allow to engage



Lock safety device, close cup cover cap

Disassembly:



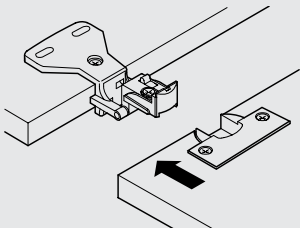
Release safety device



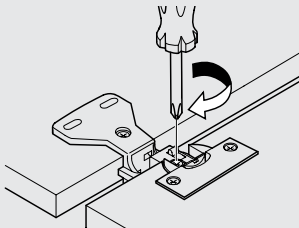
Open cover cap and remove cup from hinge arm

Aximat 100 A (slide-on system)

Mounting:

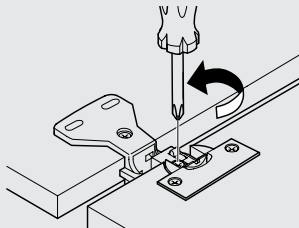


Slide cup onto hinge arm

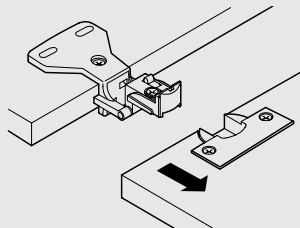


Tighten screws

Disassembly:



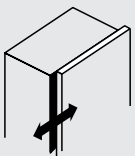
Loosen screw



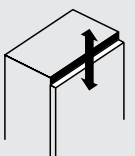
Remove cup from hinge arm

Adjustment facilities

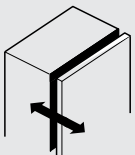
Processing and mounting deviations can be corrected with the 2 and 3-dimensional adjustment facilities. Side, height and depth adjustments are factory set to zero position.



A Side adjustment

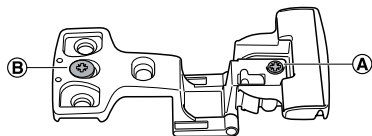


B Height adjustment

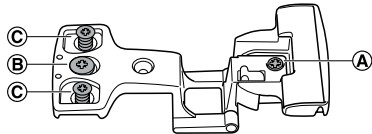


C Depth adjustment

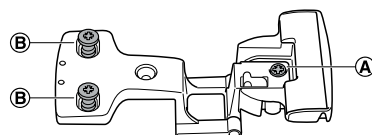
Aximat 100 SM FS with 2-dimensional adjustment facility A ± 2 mm via eccentric
B ± 2 mm via eccentric



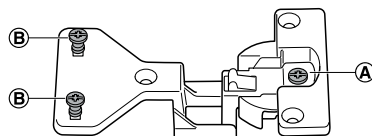
Aximat 100 SM with 3-dimensional adjustment facility A $- 3$ mm via eccentric
B ± 2 mm via eccentric
C ± 2.5 mm via slots



Aximat 100 SM with 2-dimensional adjustment facility A $- 3$ mm via eccentric
B ± 2 mm via slots



Aximat 100 A with 2-dimensional adjustment facility A $- 3$ mm via slot
B ± 2 mm via slots

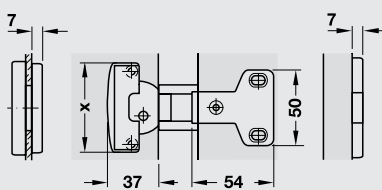


Häfele Aximat Project Hinges

Aximat 100 Project Hinges Information

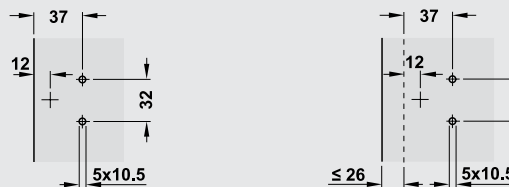
Aximat 100 SM

Installation dimensions



x = 59 (66) with drilling pattern 45/9.5 (52/9)

Drilling pattern for fixing the hinge arm

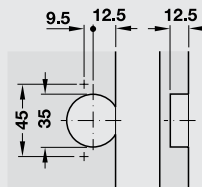


Full overlay mounting

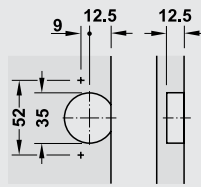
Inset mounting

Drilling pattern for cup fixing

For screw fixing

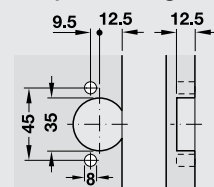


Drilling pattern 45/9.5

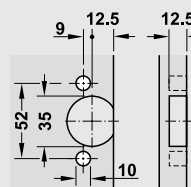


Drilling pattern 52/9

For press fitting



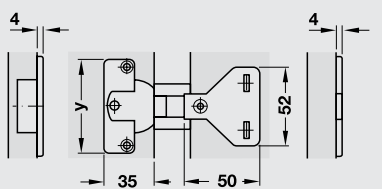
Drilling pattern 45/9.5



Drilling pattern 52/9

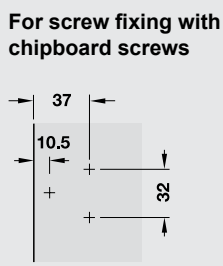
Aximat 100 A

Installation dimensions

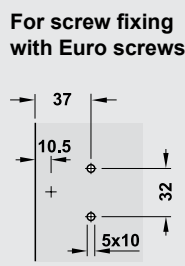


y = 62 (66) with drilling pattern 48/6 and 45/9.5 (52/5.5)

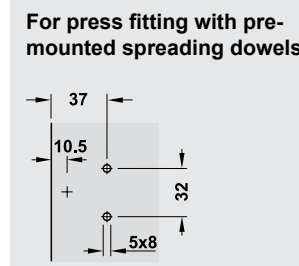
Drilling pattern for fixing the hinge arm



For screw fixing with chipboard screws



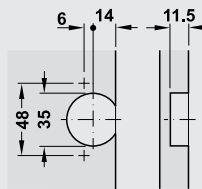
For screw fixing with Euro screws



For press fitting with pre-mounted spreading dowels

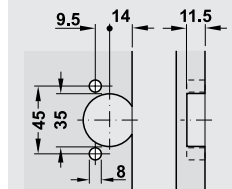
Drilling pattern for cup fixing

For screw fixing

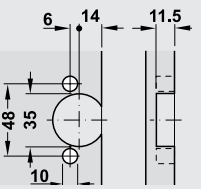


Drilling pattern 48/6

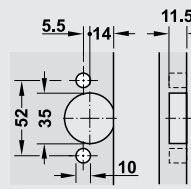
For press fitting



Drilling pattern 45/9.5



Drilling pattern 48/6



Drilling pattern 52/5.5

Note

Dowel holes must be chamfered with HPL coated boards in order to avoid damaging the dowels during press fitting.



Door width calculation

Key
LSB = internal cabinet width
TA = door overlay
TB = door width
F = gap

Cabinet with 1 door

External cabinet width 400 mm
Side panel thickness 2 x 19 mm – 38 mm
Internal cabinet width 362 mm

$LSB + (2 \times TA) = \text{door width}$
Example
 $362 \text{ mm} + (2 \times 16 \text{ mm}) = 394 \text{ mm}$

Cabinet with double doors

External cabinet width 800 mm
Side panel thickness 2 x 19 mm – 38 mm
Internal cabinet width 762 mm

$LSB + (2 \times TA) - (1 \times F) = \text{door width}$
Example
 $762 \text{ mm} + (2 \times 16 \text{ mm}) - (1 \times 6 \text{ mm}) = 394 \text{ mm}$

Continuous construction with double doors

External cabinet width 800 mm
Side panel thickness 1 x 19 mm – 19 mm
Internal cabinet width 781 mm

$LSB + (2 \times TA) - (1 \times F) = \text{door width}$
Example
 $781 \text{ mm} + (2 \times 6.5 \text{ mm}) - (1 \times 6 \text{ mm}) = 394 \text{ mm}$

Aximat 100 SM FS
For full overlay mounting, knuckle 4.5 mm



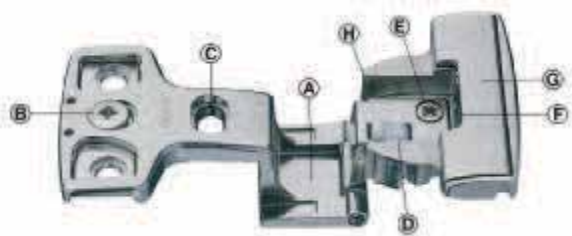
Closed type hinge arm



Also available in special colours

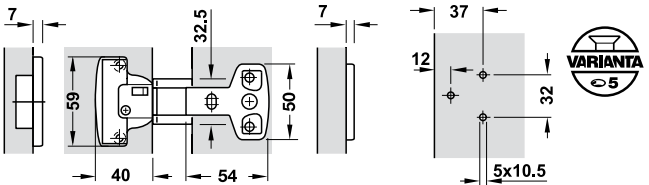
- > Finger protection provided by closed type hinge arm
- > Neat appearance provided by covered cup edge
- > 2-dimensional adjustment using slot for third fixing screw
- > TÜV tested project quality in compliance with DIN EN 15570 test level 3 (80,000 cycles)

- > Opening angle: 270°
- > Material: Zinc alloy
- > Finish/colour: Nickel plated, grey
- > Installation: Door to cabinet: Without tools (quick fixing system)
- > Side panel thickness: 16 or 19 mm
- > Door thickness: Max. 21 mm
- > Door offset: 0 mm at 180° opening angle
- > Adjustment facility: Side adjustment +2 mm, height adjustment ±2 mm
- > With spring
- > For cabinet construction



- A** Finger protection provided by closed type hinge arm
- B** Height adjustment ±2 mm via eccentric
- C** Slot for third fixing screw (must always be installed) allows easy re-adjustment of door
- D** Spring
- E** Side adjustment via eccentric +2 mm
- F** Safety catch (must be pushed after door installation)
- G** Quick fixing by sliding on hinge arm
- H** Cup edge cover

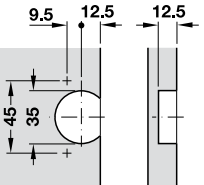
Installation dimensions



Drilling pattern for hinge arm fixing

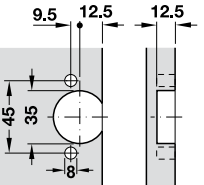
Drilling pattern for cup fixing

For screw fixing



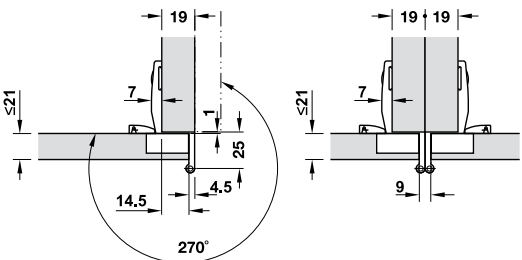
Drilling pattern 45/9.5

For press fitting

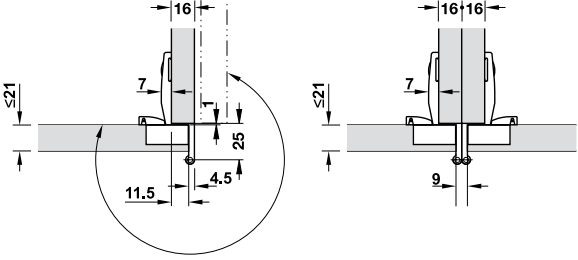


Drilling pattern 45/9.5

→ For side panel thickness 19 mm



→ For side panel thickness 16 mm



Cup fixing	Nickel plated	Grey
For screw fixing	344.40.001	–
For press fitting	344.40.201	344.40.251

Packing: 1 piece

Cup fixing	Nickel plated	Grey
For screw fixing	344.40.000	–
For press fitting	344.40.200	344.40.250

Packing: 1 piece

Aximat Project Hinges

Aximat Project Hinges



Aximat 100 Project Hinges
For wooden doors

Aximat 100 SM

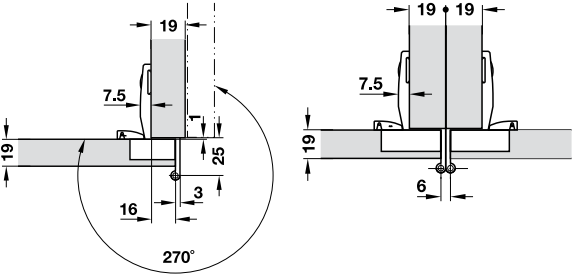
For full overlay mounting, 3 mm gap



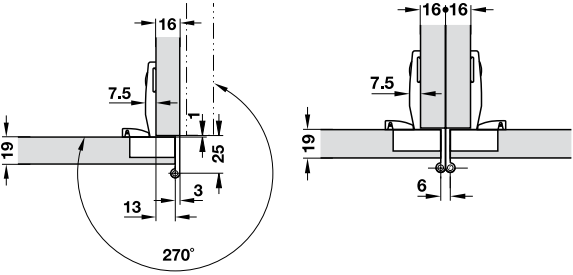
- > Opening angle: 270°
- > Material: Zinc alloy
- > Finish: Nickel plated
- > Hinge arm fixing: For screw fixing into 32 mm series drilled holes
- > Installation: Door to cabinet: Without tools (quick fixing system)
- > Side panel thickness: 16 or 19 mm
- > Door thickness: Max. 21 mm
- > Door offset: 0 mm at 180° opening angle
- > Adjustment facility: 2 or 3-dimensional
- > With spring
- > For cabinet construction



→ For side panel thickness 19 mm



→ For side panel thickness 16 mm

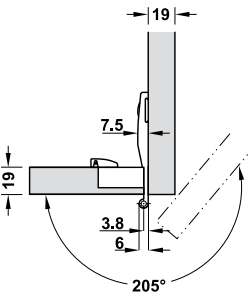


Aximat 100 SM

For inset mounting, 4 mm gap



- > Opening angle: 205°
- > Material: Zinc alloy
- > Finish: Nickel plated
- > Hinge arm fixing: For screw fixing into 32 mm series drilled holes
- > Installation: Door to cabinet: Without tools (quick fixing system)
- > Door thickness: Max. 21 mm
- > Door offset: 3 mm at 180° opening angle
- > Adjustment facility: 3-dimensional
- > With spring
- > For cabinet construction



Cup fixing	Drilling pattern	
	45/9.5	52/9
3D adjustment		
For screw fixing	344.26.004	344.26.104
For press fitting	344.26.204	344.26.304

Packing: 1 piece

Aximat 100 Project Hinges
For wooden doors

Aximat 100 SM

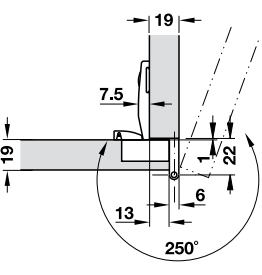
For full overlay, half overlay and twin mounting, 6 mm gap



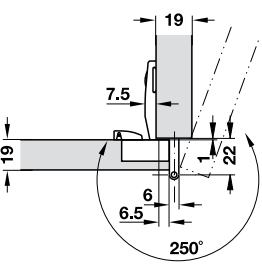
- > Opening angle: 250° (180° with twin mounting)
- > Material: Zinc alloy
- > Finish: Nickel plated
- > Hinge arm fixing: For screw fixing into 32 mm series drilled holes with pre-mounted Euro screws
- > Installation: Door to cabinet: Without tools (quick fixing system)
- > Door thickness: Max. 21 mm
- > Door offset: 0 mm at 180° opening angle
- > Adjustment facility: 2 or 3-dimensional
- > With spring
- > For cabinet construction and continuous construction



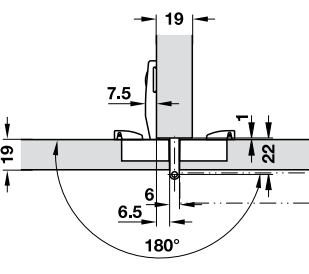
→ Full overlay mounting



→ Half overlay mounting



→ Twin mounting



> Door overlay: 13 mm

Cup fixing	Drilling pattern	
	45/9.5	52/9
2D adjustment		
For screw fixing	344.34.001	344.34.101
For press fitting	344.34.201	344.34.301

Packing: 1 piece

> Door overlay: 6.5 mm

Cup fixing	Drilling pattern	
	45/9.5	52/9
2D adjustment		
For screw fixing	344.34.002	344.34.102
For press fitting	344.34.202	344.34.302
3D adjustment		
For screw fixing	344.24.002	344.24.102
For press fitting	344.24.202	344.24.302

Packing: 1 piece

> Door overlay: 6.5 mm

Cup fixing	Drilling pattern	
	45/9.5	52/9
2D adjustment		
For screw fixing	344.34.003	344.34.103
For press fitting	344.34.203	344.34.303
3D adjustment		
For screw fixing	344.24.003	344.24.103
For press fitting	344.24.203	344.24.303

Packing: 1 piece

Aximat Project Hinges

Häfele Aximat Project Hinges

Aximat 100 Project Hinges
For wooden doors

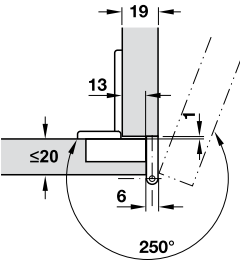
Aximat 100 A

For full overlay, half overlay and twin mounting, 6 mm gap



- > Opening angle: 250° (180° with half overlay mounting/twin mounting)
- > Material: Zinc alloy
- > Finish: Nickel plated
- > Hinge arm fixing: For press fitting and screw fixing into 32 mm series drilled holes
- > Installation: Door to cabinet: With slide-on system and screw fixing
- > Door thickness: Max. 20 mm
- > Adjustment facility: 2-dimensional
- > With spring
- > For cabinet construction and continuous construction

→ Full overlay mounting

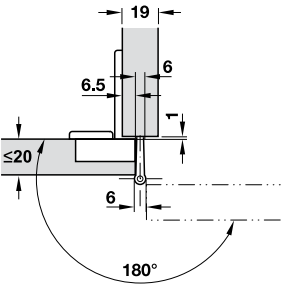


- > Door overlay: 13 mm

Cup fixing	Drilling pattern		
	45/9.5	48/6	52/5.5
Hinge arm for press fitting with pre-mounted 5 mm spreading dowels			
For press fitting	344.21.220	344.21.120	344.21.320
Hinge arm for screw fixing with pre-mounted Euro screws			
For screw fixing	–	344.21.010	–
Hinge arm for screw fixing			
For screw fixing	–	344.21.000	–

Packing: 1 piece

→ Half overlay mounting

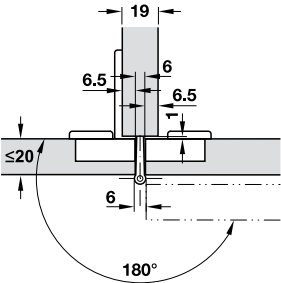


- > Door overlay: 6.5 mm

Cup fixing	Drilling pattern		
	45/9.5	48/6	52/5.5
Hinge arm for press fitting with pre-mounted 5 mm spreading dowels			
For press fitting	344.21.221	344.21.121	344.21.321
Hinge arm for screw fixing with pre-mounted Euro screws			
For screw fixing	–	344.21.011	–
Hinge arm for screw fixing			
For screw fixing	–	344.21.001	–

Packing: 1 piece

→ Twin mounting



- > Door overlay: 6.5 mm

Cup fixing	Drilling pattern		
	45/9.5	48/6	52/5.5
Hinge arm for press fitting with pre-mounted 5 mm spreading dowels			
For press fitting	344.21.223	344.21.123	344.21.323
Hinge arm for screw fixing with pre-mounted Euro screws			
For screw fixing	–	344.21.013	–
Hinge arm for screw fixing			
For screw fixing	–	344.21.003	–

Packing: 1 piece

Aximat 100 Project Hinges
Accessories

Accessories for Aximat 100 SM

→ Cover cap



- > Material: Plastic
- > Colour: Dust grey, similar to RAL 7037

Note
Use notch between clip-in parts to lift cover cap for subsequent removal.

	Cat. No.
Cover cap	344.24.992

Packing: 1 or 50 pieces

Order reference
Cover caps are available with individual print from an order quantity of 5,000 pieces and above.

→ Opening angle restraint 110°



- > Opening angle restraint: Approx. 110°
- > Material: Plastic strip and screw-on parts
- > Colour: Strip: Transparent, mounting plate: Dust grey, similar to RAL 7037
- > Installation: For screw fixing

Note
Not to be used for inset mounting.

	Cat. No.
Opening angle restraint	344.24.991

Packing: 1 or 50 pieces

→ Spacer plate



- > Area of application: For bolstering the hinge arm for 32 mm series drilled holes with 18 mm thick side panels
- > Material: Plastic
- > Colour: Dust grey, similar to RAL 7037
- > Thickness: 1 mm

	Cat. No.
Spacer plate	344.24.993

Packing: 1 or 50 pieces

Aximat Project Hinges

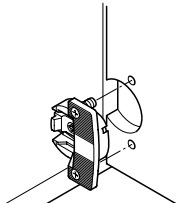
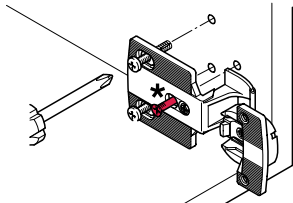
Aximat Project Hinges

Aximat 300



- Features:**
- > Maximum project quality according to DIN EN 15570 test level 3 (80,000 cycles) and ANSI grade 1 (100,000 cycles)
 - > 3-dimensionally adjustable in accordance with the latest state of technology:
 - Continuous height adjustment ± 2 mm in cup via eccentric
 - With twin mounting, both doors have independent adjustable height
 - Side adjustment of -2 to $+1$ mm at the hinge arm, whereby no unattractive gap occurs between the door and the knuckle because the hinge knuckle remains at the door edge
 - Depth adjustment ± 1 mm via slots in the hinge arm
 - > Large opening angle of 180° to 270° due to external pivot point (knuckle)
 - > No offset with adjacent knuckles
 - > Practically no loss of space in the cabinet interior due to the flat design
 - > Door mounting using time-saving quick fixing system
 - > Cup fixing by means of screw fixing or press fitting, hinge arm fixed by spreading dowel with pre-mounted screws in 32 mm series drilled holes
 - > Cabinet construction or continuous construction possible
 - > With integrated spring
 - > Optional accessories (opening angle restraint) available
 - > Other colours available on request. Black colour with increased corrosion protection from 500 pieces and above.

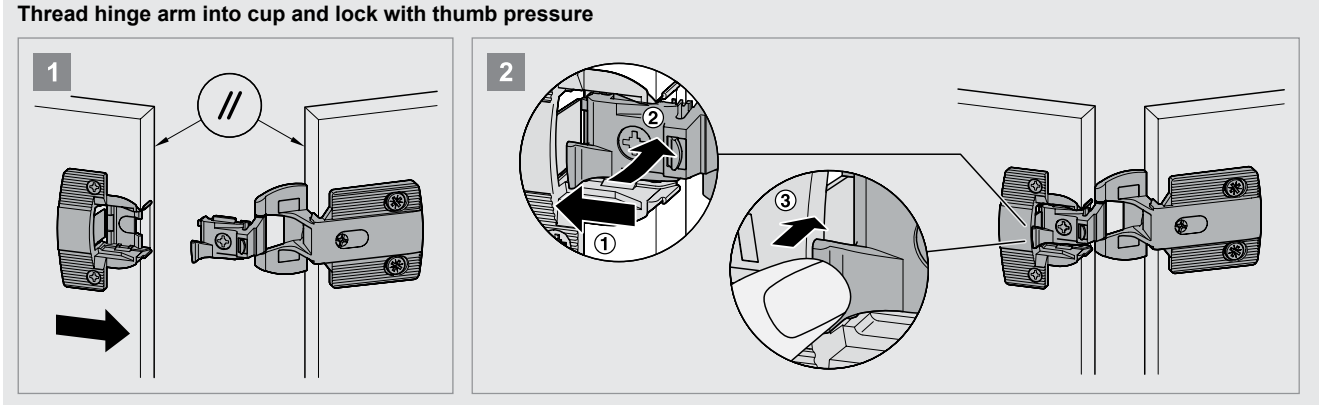
Side adjustment	Special colours	Test	
Hinge knuckle remains at the door edge during side adjustment		Other colours on request	
		Test	
		ANSI grade 1 (highest international standard for furniture hinges)	DIN EN 15570 test level 3
Endurance test			
Door weight kg		18	7
Number of cycles		100,000	80,000
Door drop mm		0.76	3.0
Safety test			
Additional weight kg		72	30
Door drop mm		0.76	No dropping

Cup fixing	Hinge arm fixing
	
For press fitting	<p>Note</p> <p>A third screw must be used for securing the hinge arm. It has no influence on subsequent door adjustment. The screw must be fitted in the factory!</p>
For screw fixing	With spreading dowels with pre-mounted screws into 32 mm series drilled holes

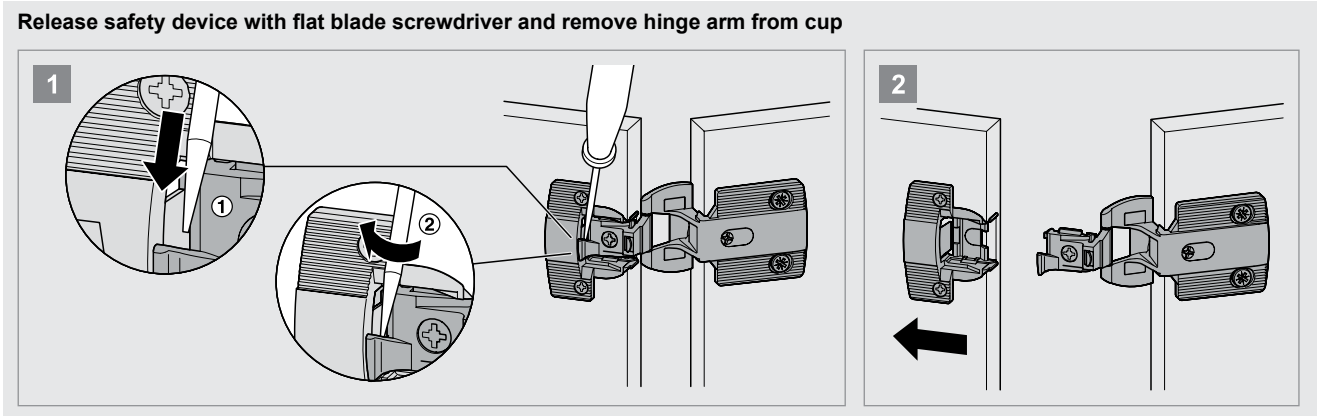
Number of concealed hinges per door
<p>The values in the diagram are sample measurements for doors up to 600 mm wide.</p> <p>With doors less than 400 mm wide the minimum gap must be determined by trial mounting.</p> <p>The door's width must not exceed its height.</p> <p>The distance between the hinges of doors with 2 hinges must be as long as possible (dim. X max. 100 mm).</p> <p>In case of heavy loads and high leverage force, an additional hinge (dim. X max. 100 mm) mounted below the top hinge is recommended.</p>



Installation



Disassembly



Note
Installation and disassembly differ for half overlay mounting and inset mounting. Further information can be found in our online shop.

Adjustment facilities

Processing and mounting deviations can be corrected with the 3-dimensional adjustment facility.
Side, height and depth adjustments are factory set to zero position.

Häfele Aximat 300

- 1 ± 2 mm via eccentric
- 2 $-2/+1$ mm side adjustment
- 3 ± 1 mm via slots

- 1 Height adjustment in cup and no longer on hinge arm
- 2 Side adjustment on hinge arm and no longer in cup
- 3 Depth adjustment via slots

4 Safety lock screw
A third screw must be used for securing the hinge arm. The screw must be fitted in the factory! The safety lock screw has to be loosened for depth adjustment and tightened again afterwards.

Aximat 300 Project Hinges
For wooden doors

Aximat 300 SM

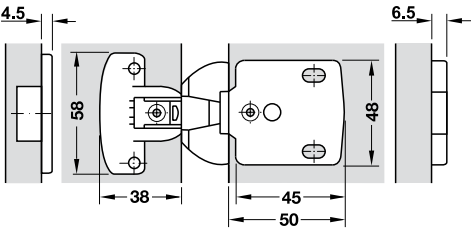
For full overlay, half overlay, twin and inset mounting



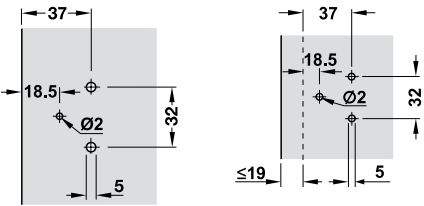
- > Opening angle: 270° (with full overlay mounting), 240° (with half overlay mounting) or 180° (with twin and inset mounting)
- > Material: Zinc alloy cup and hinge arm
- > Finish: Nickel plated
- > Hinge arm fixing: With spreading dowels with pre-mounted screws into 32 mm series drilled holes
- > Installation: Door to cabinet: Without tools (quick fixing system)
- > Side panel thickness: 19 mm
- > Door offset: 0 mm from opening angle 140° (from 180° with inset mounting)
- > Adjustment facility: 3-dimensional
- > With spring
- > For cabinet construction or continuous construction



Installation dimensions



Drilling pattern for fixing the hinge arm

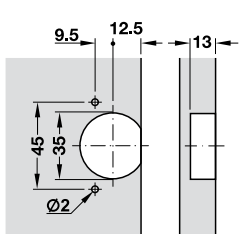


Full overlay mounting, half overlay mounting and twin mounting

Inset mounting

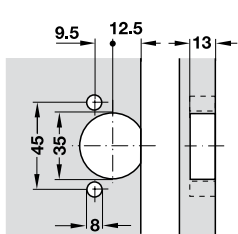
Drilling pattern for cup fixing

For screw fixing



Drilling pattern 45/9.5

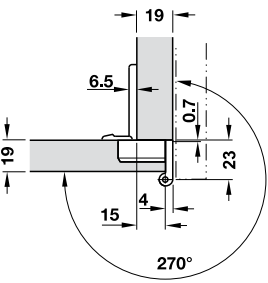
For press fitting



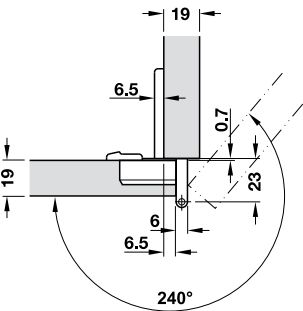
Drilling pattern 45/9.5

Note
Dowel holes must be chamfered with HPL coated boards in order to avoid damaging the dowels during press fitting.

→ Full overlay mounting, gap 4 mm



→ Half overlay mounting, gap 6 mm



- > Door thickness: 16–21 mm
- > Door overlay: 15 mm

Cup fixing	Cat. No.
For screw fixing	344.06.010
For press fitting	344.06.110

Packing: 1 piece

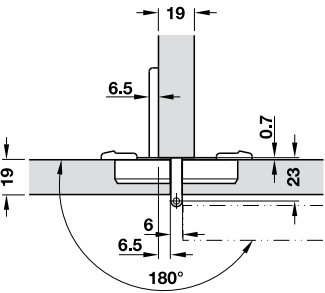
- > Door thickness: 16–21 mm
- > Door overlay: 6.5 mm

Cup fixing	Cat. No.
For screw fixing	344.06.011
For press fitting	344.06.111

Packing: 1 piece

Aximat 300 Project Hinges
For wooden doors, accessories

→ Twin mounting, gap 6 mm

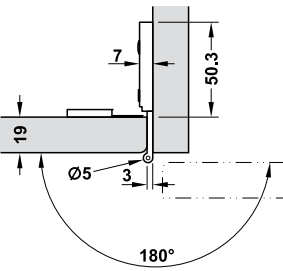


- > Door thickness: 16–21 mm
- > Door overlay: 6.5 mm

Cup fixing	Cat. No.
For screw fixing	344.06.002
For press fitting	344.06.102

Packing: 1 piece

→ Inset mounting, gap 3 mm



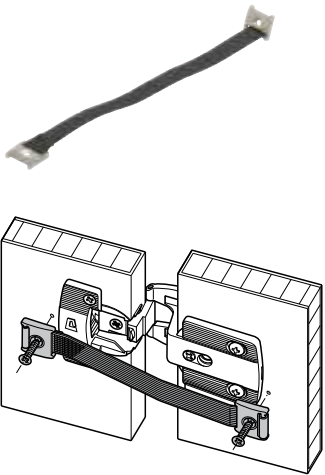
- > Door thickness: 16–19 mm, with chamfer: radius 3.8–20.6 mm, >19 mm depending on the edge radius

Cup fixing	Cat. No.
For screw fixing	344.06.003
For press fitting	344.06.103

Packing: 1 piece

Technical information ▶ FF 4.101

Accessories for Aximat 300 →
Opening angle restraint



- > Opening angle restraint: ≤110°, individual opening angle by shortening the strip
- > Material: Strip: Plastic fabric, screw-on parts: Zinc alloy
- > Finish/colour: Strip: Black, screw-on parts: Nickel plated
- > Installation: For screw fixing, hinge type independent

	Cat. No.
Opening angle restraint	344.00.991

Packing: 1 or 50 pieces

Order reference
Please order fixing material separately.

Häfele Aximat Project Hinges

Aximat Project Hinges

Project Hinges
For laminate (HPL) doors

Special hinge

For full overlay and half overlay mounting, gap 6 mm, zinc alloy, 3D adjustable

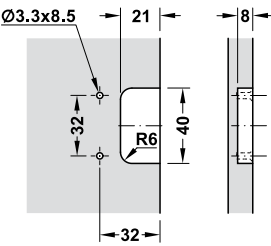


Note
Other colours available on request

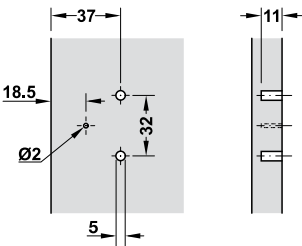
> Maximum project quality in compliance with ANSI grade 1 (100,000 cycles)

- > Area of application: For thin doors, for laminate panels (HPL)
- > Version: Flat type, hardened, secured steel knuckle in maintenance-free plastic bearings
- > Material: Zinc alloy
- > Finish: Nickel plated
- > For door thickness: 10-13 mm, >13 mm with chamfer and opening angle restraint
- > Door offset: 0 mm from opening angle 140°
- > Knuckle Ø: 5 mm
- > Knuckle length: 47 mm
- > Adjustment facility: Side adjustment from -2 to +1 mm in side component, height adjustment from -2 to +2 mm in cup component via eccentric, depth adjustment from -1 to +1 mm in side component via slots
- > With spring

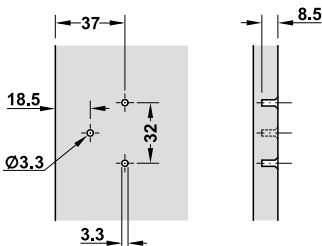
Drilling pattern



For door



For wooden side panel 19 mm



For HPL side panel 10 or 13 mm

Supplied with

Hinge
Fixing material (specially coated self-tapping screws)
1 twist drill bit Ø3.3 mm, 50 pieces per packing unit

Table with 3 columns: Mounting, Hinge arm fixing, Cat. No. It lists various mounting configurations for the Special hinge and their corresponding catalog numbers.

Packing: 1 or 50 pieces

Number of hinges per door

- > The values in the diagram are sample measurements for doors up to 600 mm wide.
- > With doors less than 400 mm wide the minimum gap must be determined by trial mounting.
- > The door's width must not exceed its height.
- > The distance between door edge and uppermost / lowermost hinge should be no more than 100 mm.
- > In case of heavy loads and high leverage force, an additional hinge (dim. X max. 100 mm) mounted below the top hinge is recommended.

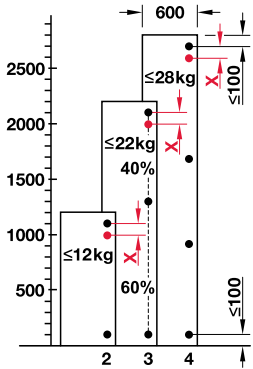
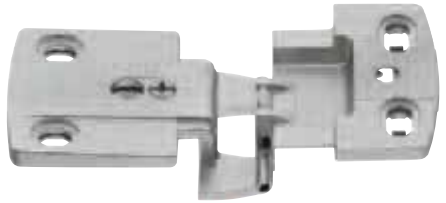


Table with 2 columns: Hinge description, Catalog number. It lists the catalog numbers for the Special hinge with short arm for HPL and wooden doors.

Project Hinges
For laminate (HPL) doors

V4A Stainless steel special hinge

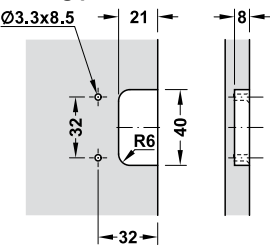
For full overlay and half overlay mounting, gap 6 mm, 3D adjustable



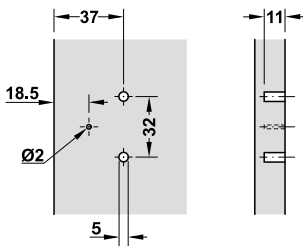
- > Ideal for MRI rooms and outdoor use
- > Increased protection against corrosion
- > Maximum project quality in compliance with ANSI grade 1 (100,000 cycles)

- > Area of application: For thin doors, for metal/wood materials and laminated panels (HPL)
- > Version: Flat type, hardened, secured steel knuckle in maintenance-free plastic bearings
- > Material: Stainless steel, quality 1.4404 (V4A)
- > Finish: Satin
- > For door thickness: 10-13 mm, >13 mm with chamfer and opening angle restraint
- > Door offset: 0 mm from opening angle 140°
- > Knuckle Ø: 5 mm
- > Knuckle length: 47 mm
- > Adjustment facility: Side adjustment from -2 to +1 mm in side component, height adjustment from -2 to +2 mm in cup component via eccentric, depth adjustment from -1 to +1 mm in side component via slots
- > With spring

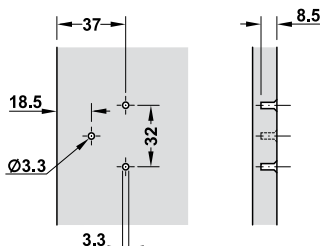
Drilling pattern



For door



For wooden side panel



For HPL side panel

Supplied with

Hinge
Fixing material (stainless steel self-tapping screws)
1 twist drill bit Ø3.3 mm, 20 pieces per packing unit

Table with 3 columns: Mounting, Hinge arm fixing, Cat. No. It lists various mounting configurations for the V4A Stainless steel special hinge and their corresponding catalog numbers.

Packing: 1 or 20 pieces

Number of hinges per door

- > The values in the diagram are sample measurements for doors up to 600 mm wide.
- > With doors less than 400 mm wide the minimum gap must be determined by trial mounting.
- > The door's width must not exceed its height.
- > The distance between door edge and uppermost / lowermost hinge should be no more than 100 mm.
- > In case of heavy loads and high leverage force, an additional hinge (dim. X max. 100 mm) mounted below the top hinge is recommended.

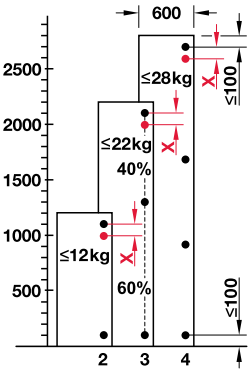
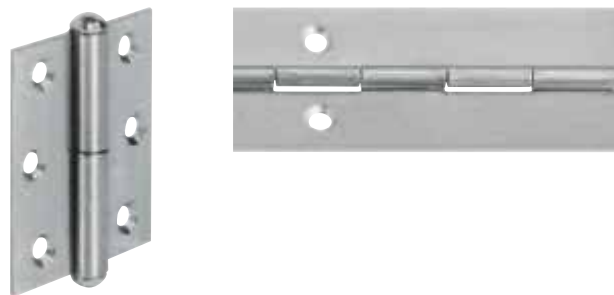


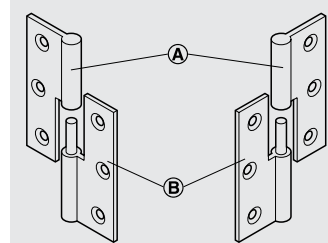
Table with 2 columns: Hinge description, Catalog number. It lists the catalog numbers for the V4A Stainless steel special hinge with short arm for HPL and wooden doors.



Butt hinges and furniture hinges



Left hand or right hand hinge



To distinguish between hinges with screw-on flanges, view them in open position from the front against the countersunk screw hole side.

If the female flange (= door flange) is on the left, it is a left hand hinge. If it is on the right, it is a right hand hinge.

- Ⓐ Female flange (= door flange)
- Ⓑ Male flange (= side flange)

Left hand hinge Right hand hinge

Crank

There are 5 types of crank.

Crank A, straight hinge
For butting inset or overlay doors.
The hinge pin is positioned centrally between female flange and male flange.

Crank B
For set back doors.
One flange is cranked by the material thickness.

Crank C
Crank C is equivalent to crank B, but results in protruding doors.

Crank D
For rebated doors, with shorter female flange.

Crank L1
For butting overlay doors. Door opening angle 270°. The hinge has an exposed knuckle.

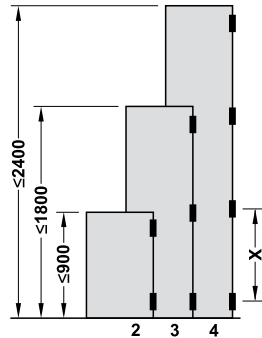
Number of furniture hinges per door

The number of concealed hinges per door depends on:

- > Door width and height
- > Door weight
- > Door material

The number of furniture hinges shown in the diagram is a recommendation and provides a guideline for 600 mm wide doors made from 19 mm chipboard.

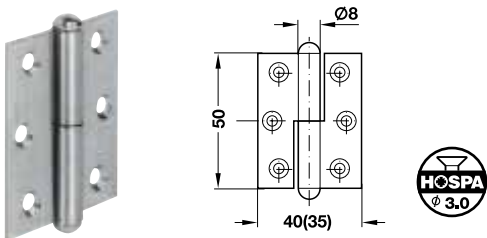
Trial mounting is recommended. The distance X between the furniture hinges must always be as long as possible for stability reasons.



According to the example diagram two furniture hinges have to be fitted with a door height of 900 mm.

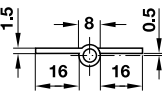
Butt hinge

→ Steel



- > Length: 50 mm
- > Flange thickness: 1.5 mm
- > Knuckle Ø: 8 mm
- > Installation: For screw fixing

Crank A, straight

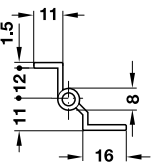


- > Gap: 1.0 mm

Finish	Mounting	
	Left	Right
Matt nickel plated	331.08.717	331.08.708
Brass plated	331.08.511	331.08.502

Packing: 1 or 20 pieces

Crank D, 7.5 mm



- > Gap: 0.6 mm
- > Rebate depth: 7.5 mm

Finish	Mounting	
	Left	Right
Matt nickel plated	331.08.735	331.08.726
Brass plated	331.08.539	331.08.520

Packing: 1 or 20 pieces

Butt Hinges/Furniture Hinges

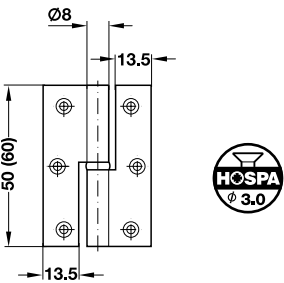
Butt Hinges/Furniture Hinges

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DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.



→ Brass



- > Length: 50 or 60 mm
- > Flange thickness: 1.7 mm
- > Knuckle Ø: 8 mm
- > Installation: For screw fixing

Order reference

- Following special versions available on request (minimum order quantity 10 pieces):
- > With rounded corners for machined-recess installation
 - > Other lengths (from 40–120 mm), sizes, cranks and finishes
- Other finishes/colours available on request:
- > Matt
 - > Gold plated
 - > Matt chrome plated
 - > Polished chrome plated
 - > Polished nickel plated
 - > Bronzed and brushed
 - > Burnished
 - > Pewter coloured
 - > Polished black (aranja)

Crank A, straight

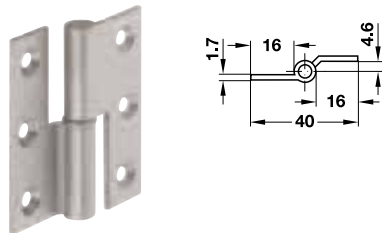


Matt nickel plated Polished

> Gap: 1.0 mm		
Finish	Mounting	
	Left	Right
Length 50 mm		
Matt nickel plated	321.30.637	321.30.628
Polished	321.30.832	321.30.823
Length 60 mm		
Matt nickel plated	321.30.655	321.30.646
Polished	321.30.858	321.30.841

Packing: 1 or 20 pieces

Crank B



Crank D, 7.5 mm



Matt nickel plated Polished

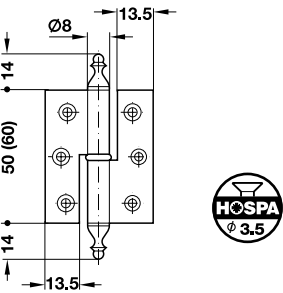
> Gap: 0.6 mm		
Finish	Mounting	
	Left	Right
Length 50 mm		
Matt nickel plated	321.31.634	321.31.625
Length 60 mm		
Matt nickel plated	321.31.652	321.31.643

Packing: 1 or 20 pieces

> Gap: 0.6 mm		
> Rebate depth: 7.5 mm		
Finish	Mounting	
	Left	Right
Length 50 mm		
Matt nickel plated	321.34.635	321.34.626
Polished	321.34.838	321.34.821
Length 60 mm		
Matt nickel plated	321.34.653	321.34.644

Packing: 1 or 20 pieces

→ Brass, with decorative finial

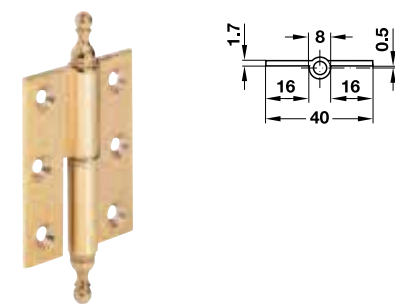


- > Length: 50 or 60 mm
- > Flange thickness: 1.7 mm
- > Knuckle Ø: 8 mm
- > Installation: For screw fixing
- > Crank B on request

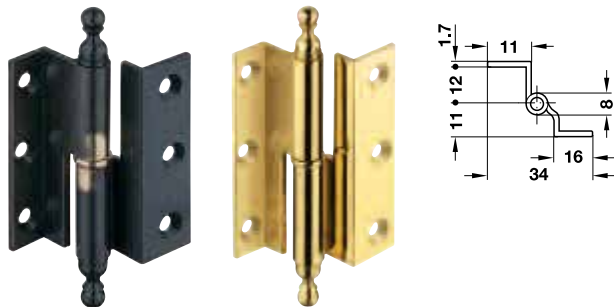
Order reference

- Following special versions available on request (minimum order quantity 10 pieces):
- > With rounded corners for machined-recess installation
 - > Other lengths (from 40–120 mm), sizes, cranks and finishes
- Other finishes/colours available on request:
- > Matt
 - > Gold plated
 - > Matt chrome plated
 - > Polished chrome plated
 - > Polished nickel plated
 - > Bronzed and brushed
 - > Burnished
 - > Pewter coloured
 - > Polished black (aranja)

Crank A, straight



Crank D, 7.5 mm



Bronzed and brushed Polished

> Gap: 1.0 mm		
Finish	Mounting	
	Left	Right
Length 50 mm		
Polished	321.40.838	321.40.829
Length 60 mm		
Polished	321.40.856	321.40.847

Packing: 1 or 20 pieces

> Gap: 0.6 mm		
> Rebate depth: 7.5 mm		
Finish	Mounting	
	Left	Right
Length 50 mm		
Polished	321.44.836	321.44.827
Brown bronzed and brushed	321.44.138	321.44.121
Length 60 mm		
Polished	321.44.854	321.44.845
Brown bronzed and brushed	321.44.158	321.44.149

Packing: 1 or 20 pieces

Butt Hinges/Furniture Hinges

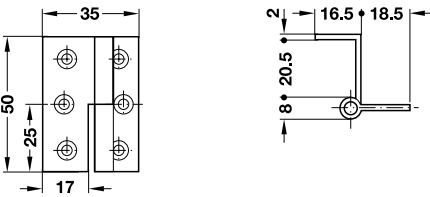
Butt Hinges/Furniture Hinges

→ Brass, for butting overlay doors

Crank L1

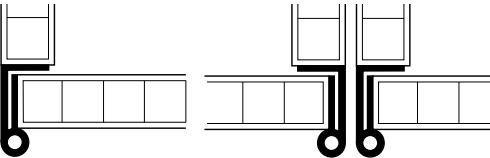


Matt nickel plated



- > Length: 50 mm
- > Flange thickness: 2 mm
- > Knuckle Ø: 8 mm
- > For door thickness: 20–21 mm
- > Installation: For screw fixing

Application



Finish	Mounting Left	Right
Matt nickel plated	307.01.636	307.01.627

Packing: 1 or 20 pieces

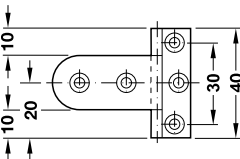
Neuform Hinge

→ Brass, for butting overlay doors

Crank L1

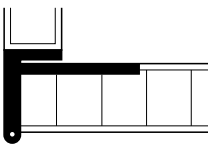


Polished nickel plated



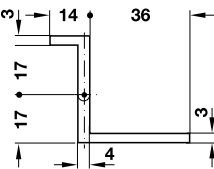
- > Length: 40 mm
- > Flange thickness: 3 mm / 4 mm
- > For door thickness: 15–16 or 19–21 mm
- > Side panel thickness: Min. 14 or 17 mm
- > Installation: For screw fixing
- > Mounting: Left or right

Application

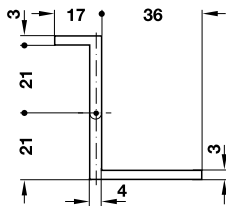


Finish	Cat. No.
For door thickness 15–16 mm, side panel thickness min. 14 mm	
Polished	307.05.803
Polished nickel plated	307.05.705
For door thickness 19–21 mm, side panel thickness min. 17 mm	
Polished	307.04.806
Polished nickel plated	307.04.708
Burnished	307.04.100

Packing: 1 or 20 pieces



For door thickness 15–16 mm, side panel thickness min. 14 mm



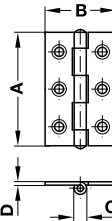
For door thickness 19–21 mm, side panel thickness min. 17 mm

Butt Hinges/Furniture Hinges

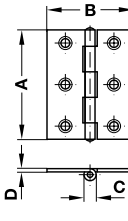
Rolled hinges

- > Material: Steel or stainless steel, quality 1.4301
- > Crank: A, straight
- > Installation: For screw fixing

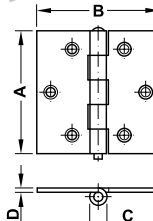
→ With riveted pin



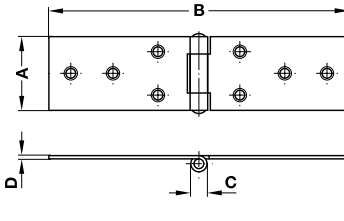
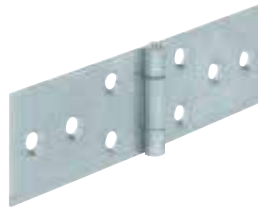
Narrow, in compliance with DIN 7954



Medium, in compliance with DIN 7954



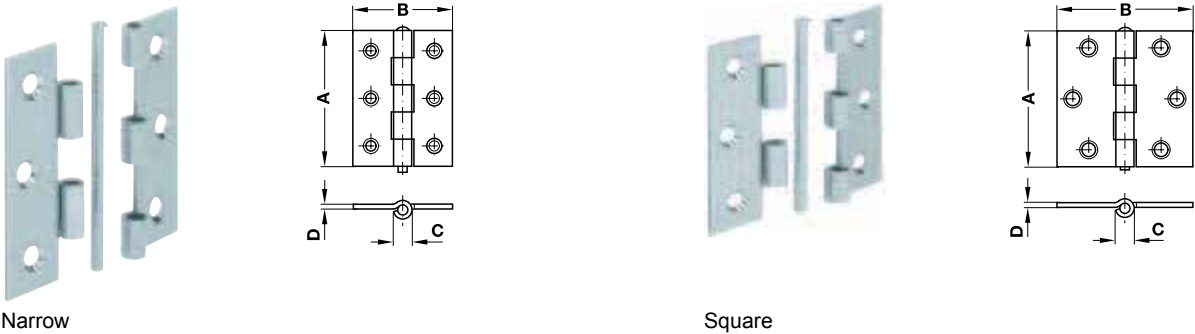
Square, in compliance with DIN 7954



Horizontal, in compliance with DIN 7957

Dim. (A x B) mm	Dim. C mm	Thickness D mm	Screw Ø mm	Number of drillings	Material/finish	Packing pieces	Cat. No.
Narrow, in compliance with DIN 7954							
25 x 20	3.6	0.80	2.5	4	Galvanized steel	10 or 100	354.01.906
30 x 22	4.0	0.90	2.5	4	Galvanized steel	10 or 100	354.01.915
	3.8	0.80	3.5	4	Stainless steel, quality 1.4301	1 or 50	354.01.710
40 x 26	4.3	0.90	2.5	4	Galvanized steel	10 or 100	354.01.924
	4.3	0.90	2.5	4	Stainless steel, quality 1.4301	1 or 50	354.01.720
50 x 31	5.1	1.15	3.0	6	Galvanized steel	10 or 500	354.01.933
	5.0	1.00	3.0	6	Stainless steel, quality 1.4301	1 or 20	354.01.730
60 x 34	5.7	1.35	3.0	6	Galvanized steel	10 or 100	354.01.942
	5.4	1.20	3.0	6	Stainless steel, quality 1.4301	1 or 10	354.01.740
80 x 41	6.7	1.45	3.5	6	Galvanized steel	10 or 100	354.01.950
	6.8	1.50	3.5	6	Stainless steel, quality 1.4301	1 or 10	354.01.750
Medium, in compliance with DIN 7954							
25 x 22	3.6	0.80	2.5	4	Galvanized steel	10 or 50	354.02.903
40 x 32	4.3	0.90	2.5	4	Galvanized steel	10 or 1000	354.02.921
50 x 39	5.1	1.15	3.0	6	Galvanized steel	10 or 500	354.02.930
60 x 46	5.7	1.35	3.0	6	Galvanized steel	10 or 100	354.02.949
Square, in compliance with DIN 7954							
30 x 30	4.0	0.90	2.5	4	Galvanized steel	10 or 100	354.03.919
40 x 40	4.3	0.90	2.5	4	Galvanized steel	10 or 100	354.03.928
	4.3	0.90	2.5	4	Stainless steel, quality 1.4301	1 or 50	354.03.720
50 x 50	5.1	1.15	3.0	6	Galvanized steel	10 or 500	354.03.937
	5.0	1.00	3.0	6	Stainless steel, quality 1.4301	1 or 20	354.03.730
60 x 60	5.7	1.35	3.0	6	Galvanized steel	10 or 200	354.03.946
	5.4	1.20	3.0	6	Stainless steel, quality 1.4301	1 or 10	354.03.740
80 x 80	6.7	1.45	3.5	6	Galvanized steel	10 or 100	354.03.950
	7.0	1.50	3.5	6	Stainless steel, quality 1.4301	1 or 10	354.03.750
Horizontal, in compliance with DIN 7957							
23 x 50	4.8	0.90	2.5	6	Galvanized steel	10 or 100	354.31.913
25 x 60	5.1	0.90	3.0	6	Galvanized steel	10 or 100	354.31.922
28 x 80	5.9	1.20	3.0	6	Galvanized steel	10 or 100	354.31.931
	6.4	1.20	3.0	6	Stainless steel, quality 1.4301	1 or 10	354.31.730
32 x 100	6.6	1.30	3.0	6	Galvanized steel	10 or 250	354.31.940
	6.4	1.20	3.0	6	Stainless steel, quality 1.4301	1 or 10	354.31.740
33 x 120	6.6	1.40	3.5	8	Galvanized steel	10 or 100	354.31.959
34 x 140	7.2	1.60	3.5	8	Galvanized steel	10 or 100	354.31.968
	7.0	1.50	3.5	8	Stainless steel, quality 1.4301	1 or 10	354.31.760

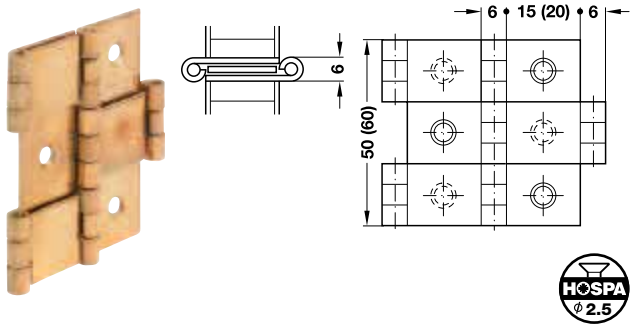
→ With separate brass pin



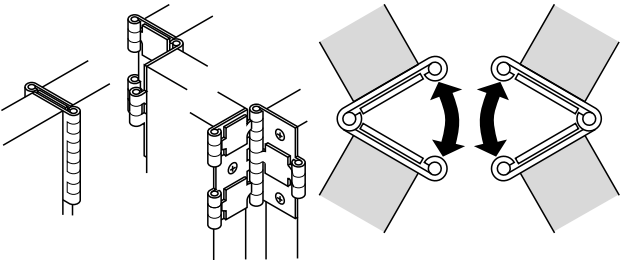
Dim. (A x B) mm	Dim. C mm	Thickness D mm	Screw Ø mm	Number of drillings	Material/finish	Packing pieces	Cat. No.
Narrow							
50 x 38	6.5	1.50	3.5	4	Galvanized steel	1 or 24	354.11.939
63 x 42	6.5	1.50	3.5	6	Galvanized steel	1 or 24	354.11.949
Square							
50 x 50	7.5	1.50	4.0	4	Galvanized steel	1 or 24	354.13.939
63 x 63	8.6	1.80	4.0	6	Galvanized steel	1 or 12	354.13.949

Two-way hinge

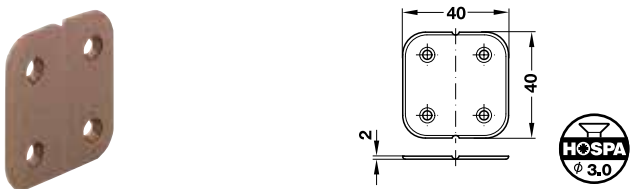
3-piece, works in both directions



Application



Hinge without joint



- > Material: Brass
- > Finish: Polished
- > Knuckle Ø: 6 mm
- > For wood thickness: 15 or 20 mm
- > Version: 3-piece, works in both directions
- > Installation: For screw fixing

For wood thickness mm	Cat. No.
15	341.20.806
20	341.20.815

Packing: 1 or 12 pieces

- > Material: Plastic (polypropylene)
- > Dim.: 40 x 40 mm
- > Installation: For screw fixing

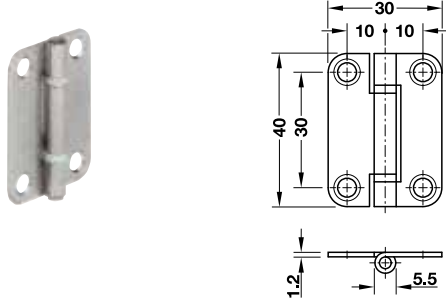
Colour	Cat. No.
White	351.93.723
Brown	351.93.125

Packing: 100 or 1000 pieces

Butt hinge for folding sliding doors

- > Material: Steel
- > Version: Rounded flange, with riveted pin, plastic friction bearing
- > Installation: For screw fixing

→ Size 40 x 30 mm

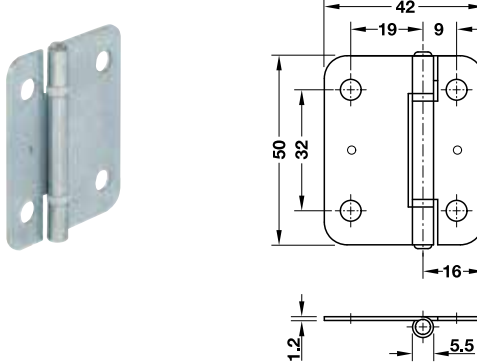


- > Crank: A, straight

Finish	Cat. No.
Nickel plated	354.14.709

Packing: 10 or 500 pieces

→ Size 50 x 42 mm

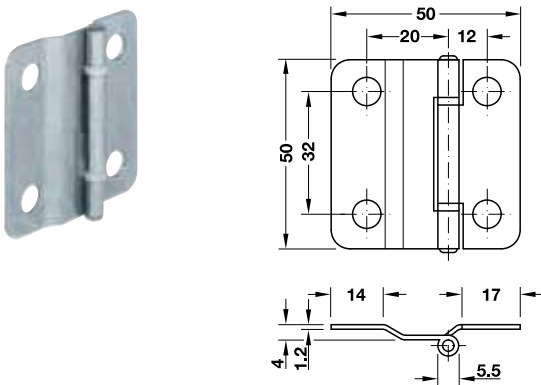


- > Crank: A, straight

Finish	Cat. No.
Galvanized	354.14.914

Packing: 10 or 250 pieces

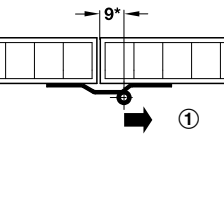
→ Size 50 x 50 mm
Fixed



Finish	Cat. No.
Galvanized	354.15.911

Packing: 10 or 250 pieces

Installation



If the individual panels of the folding sliding doors have to be of identical width, then the hinge knuckle is offset from the centre by the same distance as the raised hinge section.

- * Determine pivot by trial mounting
- ① Hinge side

Butt Hinges/Furniture Hinges

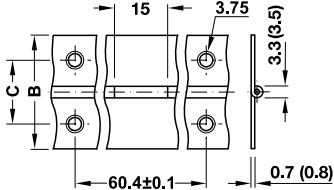
Butt Hinges/Furniture Hinges

Butt Hinges/Furniture Hinges
Piano hinges

Piano hinge for screw fixing

> Length: 3.5 m

→ Steel



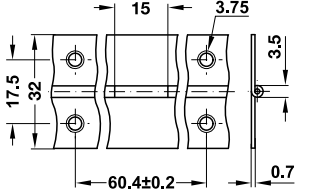
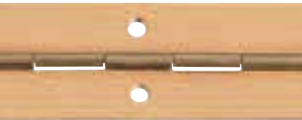
Order reference
Also available in fixed lengths on request – depending on the quantity, material and cutting length.

- > Flange thickness: 0.7 mm (open width 40 mm: 0.8 mm)
- > Knuckle Ø: 3.3 mm (open width 40 mm: 3.5 mm)
- > Version: Rolled

Table with 4 columns: Open width B mm, Dim. C mm, Finish, Cat. No. Rows include specifications for 20, 25, 32, and 40 mm open widths with various finishes like Brass plated, Nickel plated, and Burnished.

Packing: 1 piece

→ Brass

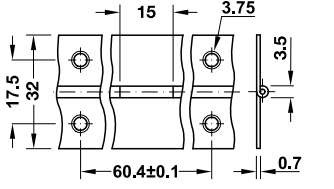


- > Flange thickness: 0.7 mm
- > Knuckle Ø: 3.5 mm
- > Version: Rolled

Table with 3 columns: Open width B mm, Finish, Cat. No. Row for 32 mm open width with Polished finish.

Packing: 1 piece

→ Stainless steel, quality 1.4016

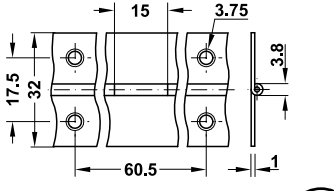


- > Flange thickness: 0.7 mm
- > Knuckle Ø: 3.5 mm
- > Version: Rolled, magnetic

Table with 2 columns: Open width B mm, Cat. No. Row for 32 mm open width.

Packing: 1 piece

→ Aluminium



- > Flange thickness: 1.0 mm
- > Knuckle Ø: 3.8 mm
- > Version: Without groove

Table with 3 columns: Open width B mm, Finish, Cat. No. Row for 32 mm open width with Bright finish.

Packing: 1 piece

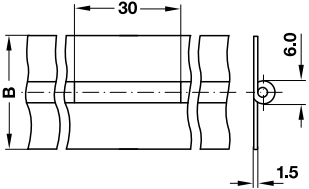
Butt Hinges/Furniture Hinges
Piano hinges, drill-in hinges

Piano hinge for welding on

> Length: 3.5 m

Order reference
Also available in fixed lengths on request – depending on the quantity, material and cutting length.

→ Steel

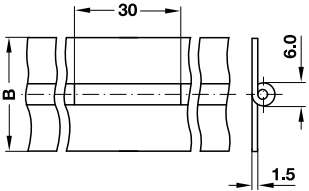


- > Flange thickness: 1.5 mm
- > Knuckle Ø: 6.0 mm
- > Version: Rolled, without screw holes

Table with 3 columns: Open width B mm, Finish, Cat. No. Rows for 32 and 40 mm open widths with Bright finish.

Packing: 1 piece

→ Stainless steel, quality 1.4301



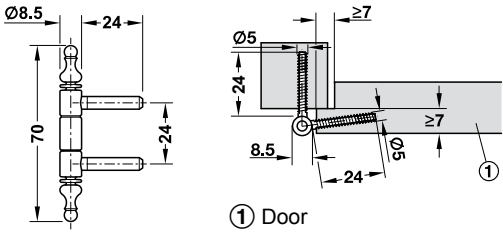
- > Flange thickness: 1.5 mm
- > Knuckle Ø: 6.0 mm
- > Version: Rolled, without screw holes, can be welded, not magnetic

Table with 2 columns: Open width B mm, Cat. No. Rows for 32 and 40 mm open widths.

Packing: 1 piece

Anuba Drill-in hinge

→ Brass, with decorative finial and two pins

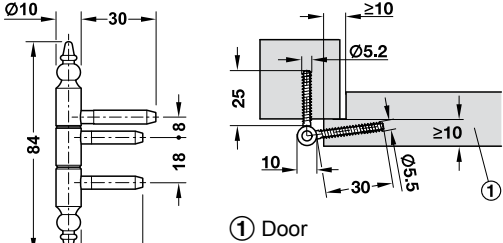


- > Area of application: For rebated doors
- > Length: 70 mm
- > Knuckle Ø: 8.5 mm
- > Installation: For screwing into door and frame

Table with 2 columns: Finish, Cat. No. Row for Polished finish.

Packing: 1 or 40 pieces

→ Steel, with decorative finial and three pins



- > Area of application: For rebated doors
- > Length: 84 mm
- > Knuckle Ø: 10.0 mm
- > Installation: For screwing into door panel and knocking into door frame

Table with 2 columns: Finish, Cat. No. Row for Burnished finish.

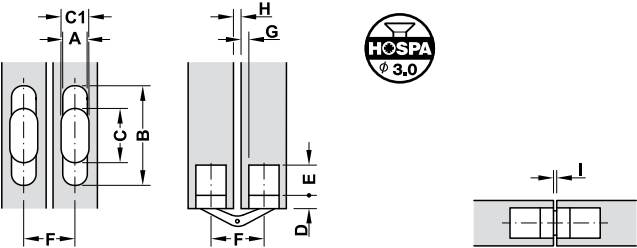
Packing: 1 or 40 pieces

Soss Hinge for wood thickness 13–51 mm



- > Opening angle: 180°
- > Material: Zinc alloy housing, steel link, versions for wood thickness 41–51 mm, link with plastic slide plates
- > Installation: For screw fixing
- > Fixing material supplied

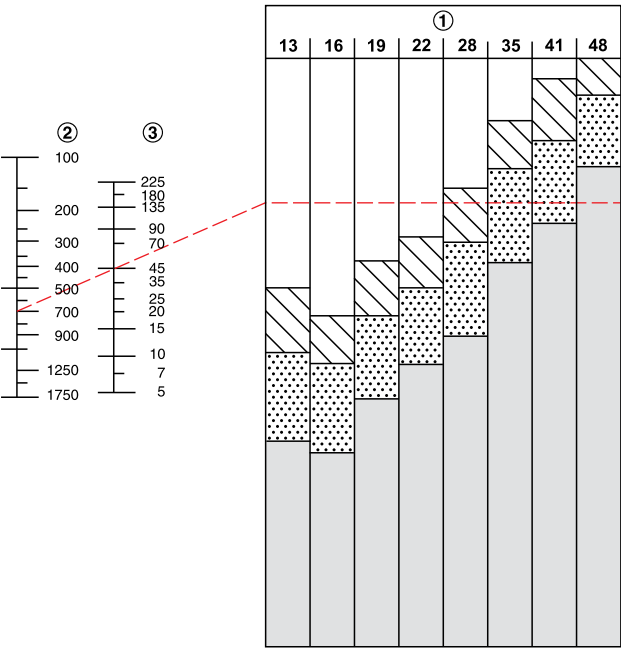
Drilling pattern



Application and planning dimensions

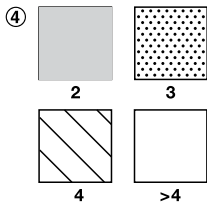
For door thickness mm	13–16	19–24	19–25	22–26	28–34	35–38	41–45	48–51
Dim. A	9.7	12.9	12.8	16.1	19.4	25.6	28.5	35.6
Dim. B	42.9	44.5	60.0	69.7	95.0	117.0	117.5	139.1
Dim. C	23.0	20.0	32.0	35.0	53.0	66.0	78.0	78.0
Dim. C1	–	–	–	17.0	20.0	26.0	31.0	37.0
Dim. D	5.0	5.0	6.4	7.0	9.5	12.0	10.0	11.9
Dim. E	13.0	20.0	20.0	25.0	29.0	39.0	43.0	52.0
Gap F	17.1	22.1	22.1	27.4	32.6	43.7	50.9	62.0
Gap G	2.4	3.2	3.2	4.0	4.8	6.4	6.4	7.5
Gap H	2.7	2.7	2.7	3.5	4.0	5.5	9.5	8.0
Gap I	0.8	0.8	1.6	1.2	1.2	1.6	1.2	1.6

Number of hinges per door

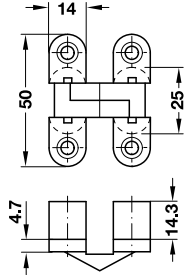


Example:
A door 700 mm wide that weighs 45 kg and has a thickness of 41 mm would require 3 concealed hinges
Cat. No. 341.07.572 or 341.07.772

- ① Door thickness in mm
- ② Door width in mm
- ③ Door weight in kg
- ④ Number of hinges



Hinge for wood thickness from 19 mm

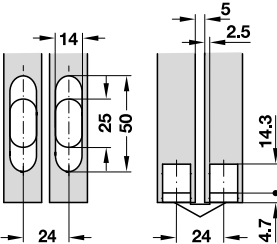


- > Opening angle: 180°
- > Material: Zinc alloy housing, brass link
- > Installation: For screw fixing
- > Load bearing capacity: 8 kg with 2 hinges

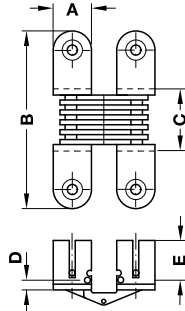
Finish	Cat. No.
Housing: Nickel plated	341.25.712
Housing: Brass plated	341.25.516

Packing: 1 or 50 pieces

Drilling pattern



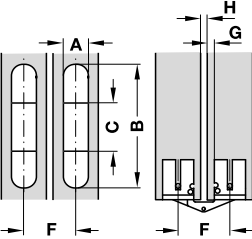
Hinge for wood thickness 14–26 mm



- > Opening angle: 180°
- > Material: Steel
- > Finish: Brass plated
- > Installation: For screw fixing
- > Load bearing capacity: <8 kg

For wood thickness mm	Packing pieces	Cat. No.
14–16	1 or 140	341.05.510
18–20	1 or 140	341.05.500
19–21	1 or 100	341.05.521
24–26	1 or 30	341.05.530

Drilling pattern



Application and planning dimensions

For wood thickness mm	14–16	18–20	19–21	24–26
Screw Ø	4.0	4.0	4.0	4.5
Dim. A	10.0	12.0	13.0	18.0
Dim. B	42.0	39.0	65.0	79.0
Dim. C	16.0	12.0	20.0	28.0
Dim. D	1.8	1.5	2.0	2.5
Dim. E	14.0	15.5	18.0	21.5
Gap F	19.0	24.0	23.0	29.0
Gap G	2.0	4.0	3.0	3.5
Gap H	5.0	4.0	4.0	4.0

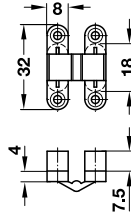
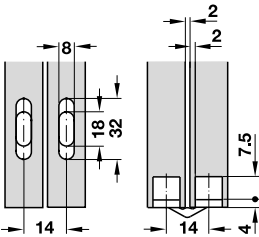
Hinges for Concealed Mounting

Hinges for Concealed Mounting

Super Hinge for wood thickness from 12 mm



Drilling pattern



- > Opening angle: 180°
- > Material: Plastic housing, brass link
- > Installation: For screw fixing
- > Load bearing capacity per pair: 8 kg

Colour	Cat. No.
Housing: Black	341.00.322

Packing: 1 or 48 pieces

Hinge for wood thickness from 16 mm

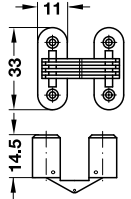
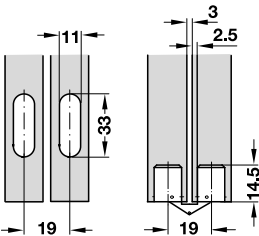


Steel link



Brass link

Drilling pattern



- > Opening angle: 180°
- > Material: Plastic housing, brass or steel link
- > Installation: For screw fixing

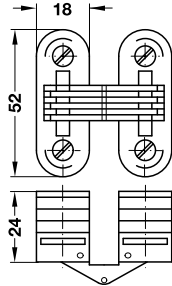
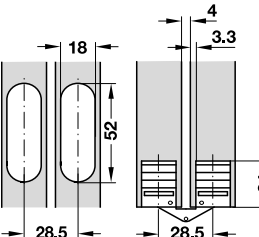
Colour	Finish	Cat. No.
Brass link		
Housing: White	Link: Nickel plated	341.04.701
Housing: Brown	Link: Bronzed	341.04.101
Housing: Black	Link: Burnished	341.04.301
Steel link		
Housing: White	Link: Galvanized	341.04.700
Housing: Brown	Link: Burnished	341.04.100

Packing: 1 or 100 pieces

Hinge for wood thickness from 24 mm



Drilling pattern



- > Opening angle: 180°
- > Material: Plastic housing, steel link
- > Installation: Expanding by turning the screws
- > Load bearing capacity: 15 kg with 2 hinges

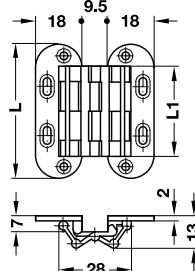
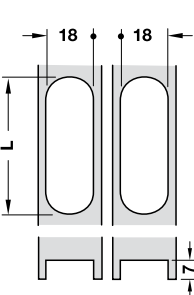
Finish/colour	Cat. No.
Link: Galvanized, housing: White	341.04.710

Packing: 1 or 30 pieces

Hinge for wood thickness from 23 mm



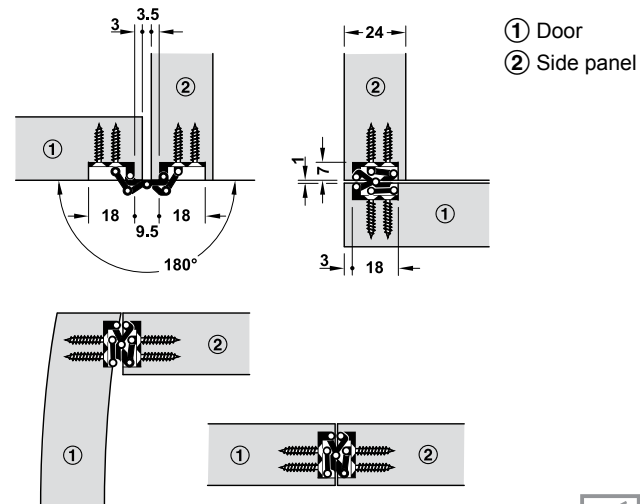
Drilling pattern



- > Opening angle: 180°
- > Material: Hinge: Brass, pins: Stainless steel
- > Installation: For screw fixing
- > Adjustment facility: Height adjustment ±2.5 mm via slots
- > Tolerance specification: ±0.5 mm

Dim. L mm	Dim. L1 mm	Number of drillings	Finish	Packing pieces	Cat. No.
41	23	6	Polished nickel plated	1 or 20	341.26.701
			Matt	1 or 20	341.26.501
52.7	34	8	Polished nickel plated	1 or 20	341.26.702
			Matt	1 or 20	341.26.502
88	70	8	Polished nickel plated	1 or 10	341.26.703
			Matt	1 or 10	341.26.503

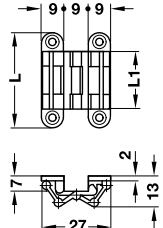
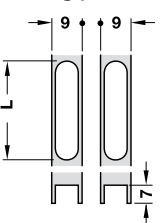
Installation



Hinge for wood thickness from 11 mm



Drilling pattern

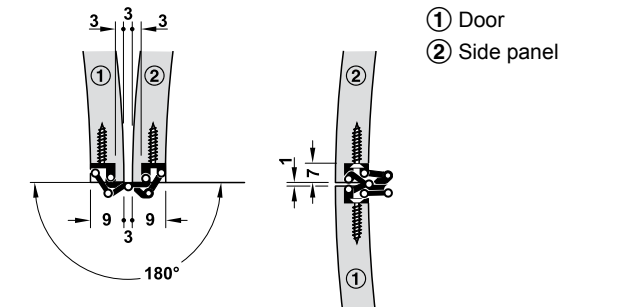


- > Opening angle: 180°
- > Material: Hinge: Brass, pins: Stainless steel
- > Installation: For screw fixing

Dim. L mm	Dim. L1 mm	Finish	Cat. No.
39	23	Polished nickel plated	341.27.700
		Matt	341.27.500


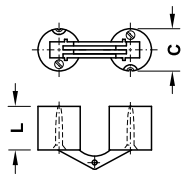

Packing: 1 or 50 pieces

Installation



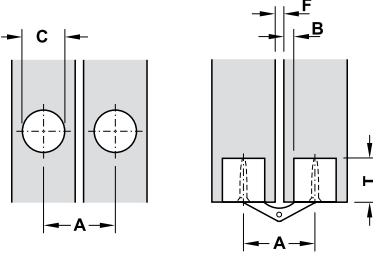
Hinges for Concealed Mounting

Hinge for wood thickness 14–40 mm



> Opening angle: 180°
> Material: Brass
> Finish: Matt
> Mounting: For right and left hand use
> Installation: For screw fixing

Drilling pattern



Installation

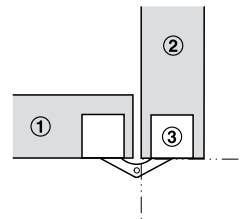
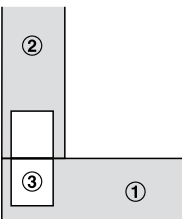
> Position is secured by tightening the clamping screw.
> With extremely heavy loads, each of the cylinders can be secured from the front using a chipboard or wood screw.

Application and planning dimensions

For wood thickness mm	14–19	17–22	20–26	22–28	24–32	31–40
Screw Ø mm	2.5	3.0	3.5	3.5	4.0	4.5
Length L mm	11.0	13.5	15.5	16.5	17.5	25.0
Drill hole Ø C mm	10.0	12.0	14.0	16.0	18.0	24.0
Drilling depth T mm	11.0	13.5	15.5	16.5	17.5	25.0
Dim. A mm	16.5	20.0	23.0	25.0	27.0	36.5
Dim. B mm	2.0	2.2	3.0	3.0	3.0	3.5
Gap F mm	2.5	3.5	3.0	3.0	3.0	3.5

Application

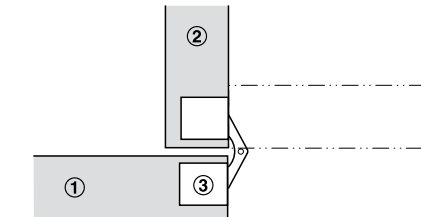
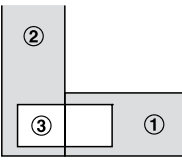
Mounting example for butting overlay doors



Door closed Door open

① Door ② Side panel ③ Hinge

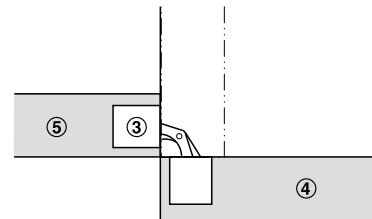
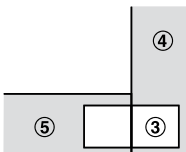
Mounting example for butting inset doors



Door closed Door open

① Door ② Side panel ③ Hinge

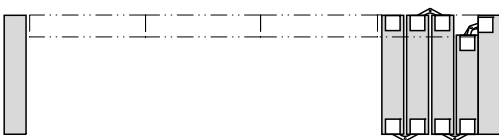
Mounting example for butting overlay flaps



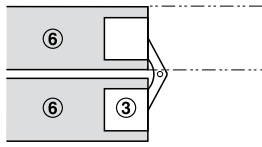
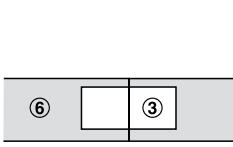
Flap closed Flap open

③ Hinge ④ Flap ⑤ Base panel

Example for folding door



Mounting example for two panels



Panel closed Panel open

③ Hinge ⑥ Panel

Hinges for Concealed Mounting

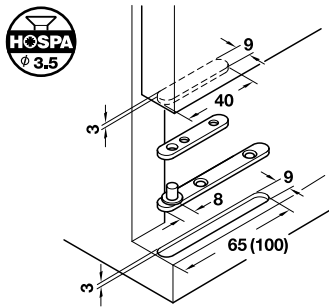
Hinges for Concealed Mounting
Pivot hinges

Pivot hinge

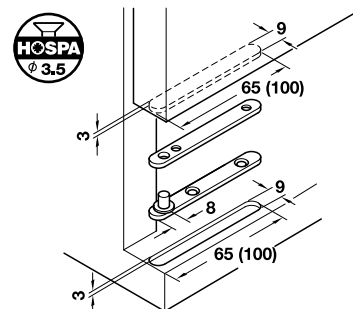
> Opening angle: 180°
> Material: Steel
> Finish: Blue galvanized
> Flange thickness: 3 mm
> Opening angle restraint: Without stop
> Installation: For screw fixing
> Load bearing capacity: <20 kg
> Spacer ring 1 mm

Note
One pair is required for each door

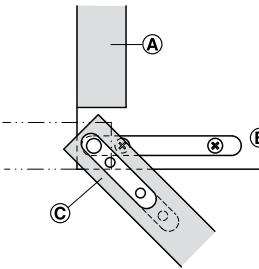
→ With one short flange



→ With identical flanges



Application



① Side panel
② Base panel
③ Door

Length mm	Cat. No.
65	361.02.511
100	361.02.531

Packing: 1 or 20 pairs

Length mm	Cat. No.
65	361.03.511
100	361.03.531

Packing: 1 or 20 pairs

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

Hinges for Concealed Mounting
Pivot hinges

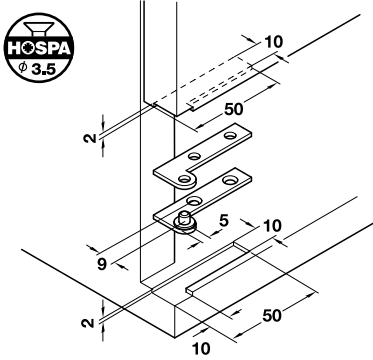
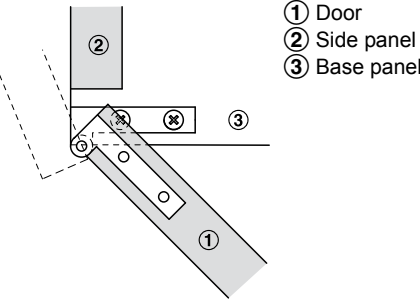
Corner pivot hinge

- > Material: Brass
- > Opening angle restraint: Without stop
- > Installation: For screw fixing
- > Load bearing capacity: <20 kg
- > Outer knuckle

→ Straight



Application



- > Opening angle: 250°
- > Finish: Polished
- > Flange thickness: 2 mm

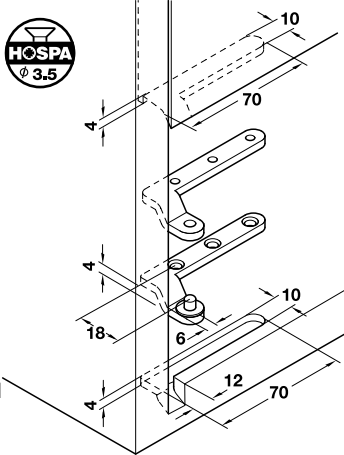
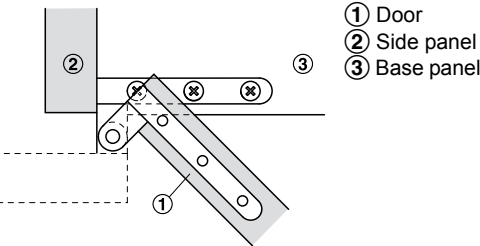
Length mm	Cat. No.
50	362.10.803

Packing: 1 or 25 pairs

→ Cranked



Application



- > Opening angle: 180°
- > Finish: Matt
- > Flange thickness: 4 mm

Length mm	Cat. No.
70	362.01.500

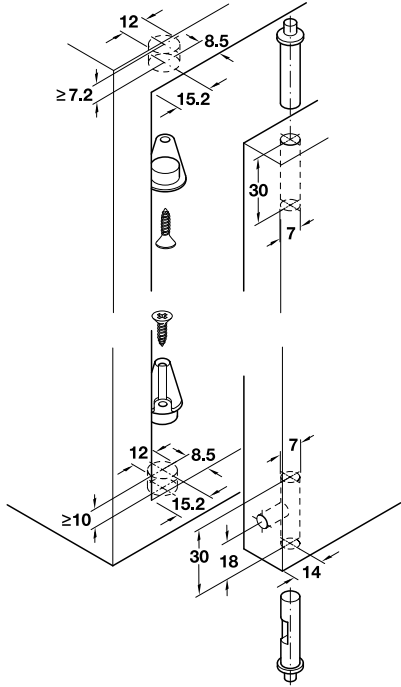
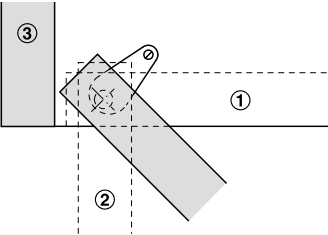
Packing: 1 or 5 pairs

Hinges for Concealed Mounting
Pivot hinges

Pivot hinge



Application



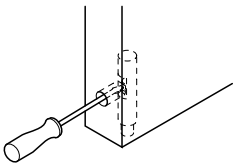
- > Opening angle: 140°
- > Material: Plastic
- > For door thickness: 12–21 mm
- > Opening angle restraint: Without stop
- > Installation: For press fitting

Colour	Cat. No.
White	361.22.710
Brown	361.22.110
Black	361.22.310

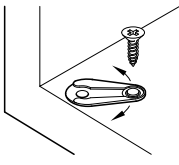
Packing: 20 or 200 pairs

Functionality

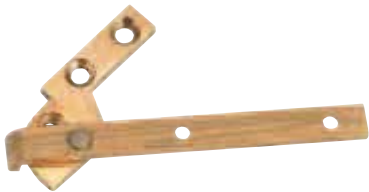
Removing the door:
Lift the spring loaded pin with a screwdriver.
Prerequisite: Drilled hole in door and slotted hole in sleeve must be in alignment.



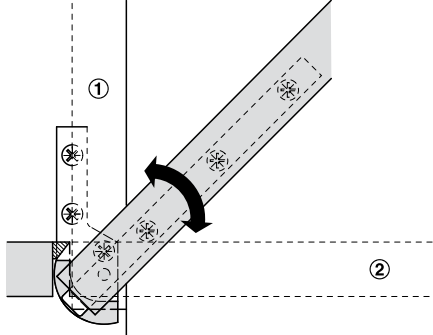
Setting the door gap:
Widen or reduce door gap by turning the flange.
Fix adjusted door gap with a small chipboard screw.



Pivot hinge for writing bureau



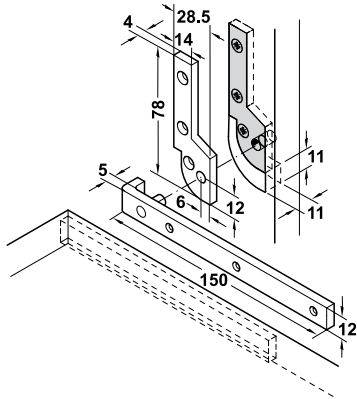
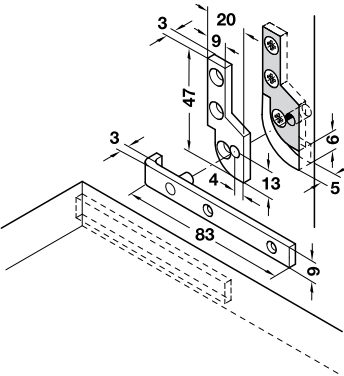
Application



- > Opening angle: 90°
- > Area of application: For drop-down worktop flap
- > Material: Brass
- > Finish: Polished
- > Opening angle restraint: With stop at 90° opening angle
- > Installation: For screw fixing
- > Load bearing capacity: <20 kg

Length mm	Flange thickness mm	Cat. No.
83	Cabinet part: 3/flap part: 3	361.50.802
150	Cabinet part: 4/flap part: 5	361.50.820

Packing: 1 or 5 pairs



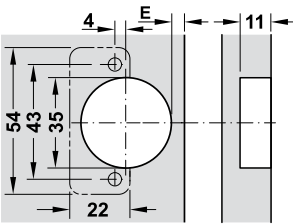
Stainless Steel Hinges
For wooden doors

Concealed hinge

For full overlay and half overlay mounting

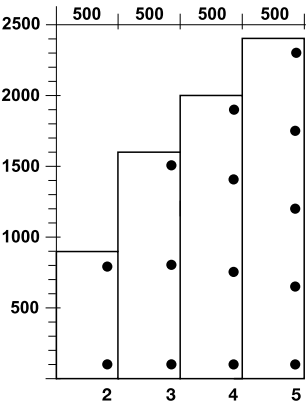


Drilling pattern for cup fixing



- > Opening angle: 100°
- > Material: Stainless steel, quality 1.4301 (V2A)
- > Finish: Polished
- > Installation: Door to cabinet with slide-on system
- > Adjustment facility: 3-dimensional (with appropriate mounting plate)
- > With automatic closing spring

Number of hinges per door



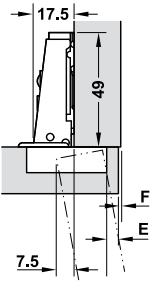
Minimum gap

Door thickness mm	Distance to cup E mm		
	3	4	5
15	0.5	0.5	0.4
16	0.6	0.6	0.6
17	0.9	0.8	0.8
18	1.1	1.1	1.0
19	1.4	1.3	1.3
20	1.7	1.6	1.6

Minimum gap F

Note
Use stainless steel screws to avoid contact corrosion.
The suitability of the stainless steel that is used for the intended application area must be assured by separate testing from case to case.

→ Full overlay mounting

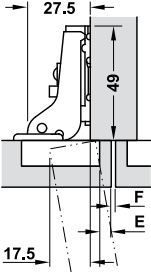


Door overlay mm				0
17	18	19		
3	4	5		
Distance to cup E mm		Mounting plate distance mm		

Cup fixing	Cat. No.
For screw fixing	327.20.000

Packing: 1 or 40 pieces

→ Half overlay mounting/twin mounting

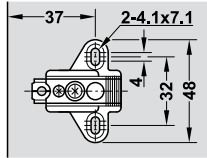
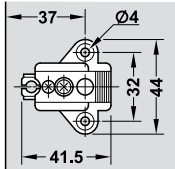


Door overlay mm				0
7	8	9		
3	4	5		
Distance to cup E mm		Mounting plate distance mm		

Cup fixing	Cat. No.
For screw fixing	327.20.002

Packing: 1 or 40 pieces

→ Mounting plate



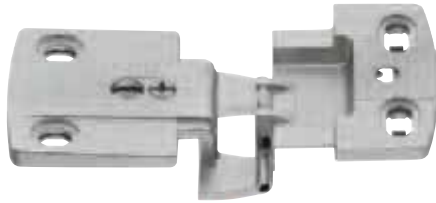
Adjustment facility	Cat. No.
Side adjustment	327.30.000
Side adjustment	327.30.030
Height adjustment	

Packing: 1 or 40 pieces

Stainless Steel Hinges
For laminate (HPL) doors

Stainless steel special hinge, V4A

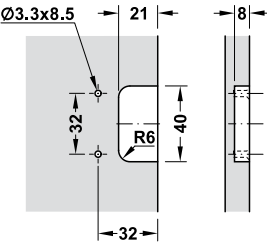
For full overlay and half overlay mounting, gap 6 mm, 3D adjustable



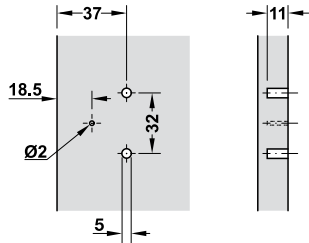
- > Ideal for MRI rooms and outdoor use
- > Increased protection against corrosion
- > Maximum project quality in compliance with ANSI grade 1 (100,000 cycles)

- > Area of application: For thin doors, for metal/wood materials and laminated panels (HPL)
- > Version: Flat type, hardened, secured steel knuckle in maintenance-free plastic bearings
- > Material: Stainless steel, quality 1.4404 (V4A)
- > Finish: Satin
- > For door thickness: 10–13 mm, >13 mm with chamfer and opening angle restraint
- > Door offset: 0 mm from opening angle 140°
- > Knuckle Ø: 5 mm
- > Knuckle length: 47 mm
- > Adjustment facility: Side adjustment from –2 to +1 mm in side component, height adjustment from –2 to +2 mm in cup component via eccentric, depth adjustment from –1 to +1 mm in side component via slots
- > With spring

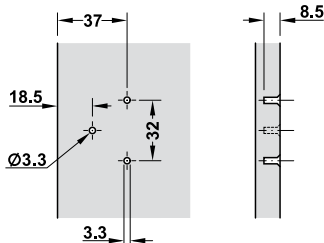
Drilling pattern



For door



For wooden side panel



For HPL side panel

Supplied with

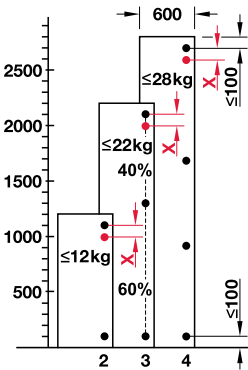
Hinge
Fixing material (stainless steel self-tapping screws)
1 twist drill bit Ø3.3 mm, 20 pieces per packing unit

Mounting	Hinge arm fixing	Cat. No.
Door overlay: 7.0 mm	For screw fixing	344.75.730
Full overlay mounting: Side panel thickness 13 mm		
Half overlay mounting: Side panel thickness 19 mm		

Packing: 1 or 20 pieces

Number of hinges per door

- > The values in the diagram are sample measurements for doors up to 600 mm wide.
- > With doors less than 400 mm wide the minimum gap must be determined by trial mounting.
- > The door's width must not exceed its height.
- > The distance between door edge and uppermost / lowermost hinge should be no more than 100 mm.
- > In case of heavy loads and high leverage force, an additional hinge (dim. X max. 100 mm) mounted below the top hinge is recommended.



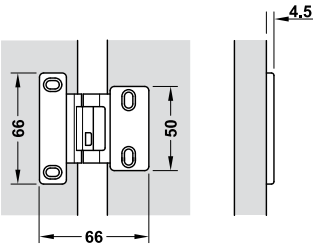
Stainless Steel Hinges
For laminate (HPL) doors

Hinge with short arm

For laminate (HPL) doors, for half overlay mounting, gap 6 mm, knuckle 5 mm

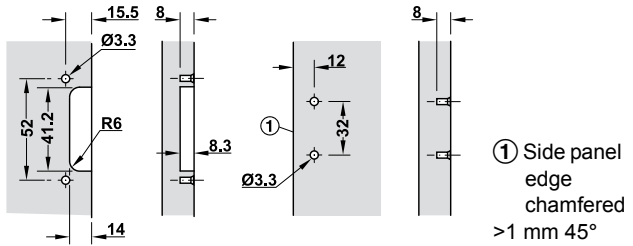


Note
The suitability of the stainless steel that is used for the intended application area must be assured by separate testing from case to case.



- > Opening angle: 270°/240°
- > Area of application: For cabinet thickness 10–13 mm, for thin doors with thickness 10–13 mm and laminate (HPL) doors
- > Finish: Satin
- > Door offset: 0 mm at 140° opening angle
- > Door overlay: 3.5 mm
- > Adjustment facility: Side adjustment –1 mm, height adjustment ±2 mm
- > With spring

Drilling pattern



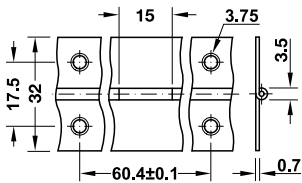
Supplied with
1 hinge
1 set of fixing material

Material	Cat. No.
Stainless steel, quality 1.4401 (V4A)	344.75.051
Zinc alloy	344.75.751

Packing: 1 piece

Hinge with short arm for wooden doors ▶ FF 4.138

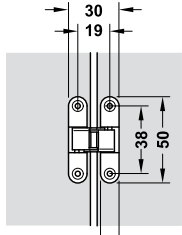
Piano hinge



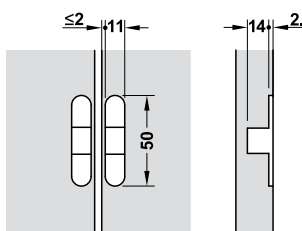
Note
Use stainless steel screws to avoid contact corrosion. The suitability of the stainless steel that is used for the intended application area must be assured by separate testing from case to case.

Hinge for concealed mounting

Opening angle 180°



Note
The suitability of the stainless steel that is used for the intended application area must be assured by separate testing from case to case.



- > Material: Stainless steel, quality 1.4301 (V2A)
- > Finish: Satin
- > Installation: For screw fixing
- > Door thickness: Max. 21 mm
- > Door dimensions (W x H): Max. 450 x 700 mm
- > Door weight: Max. 2.6 kg/pair
- > Fixing material (4 stainless steel screws, Ø 2.4 x 13 mm) supplied

	Cat. No.
Hinge for concealed mounting	341.08.000

Packing: 1 or 24 pieces



Hinges for Special Applications
For wide wooden doors

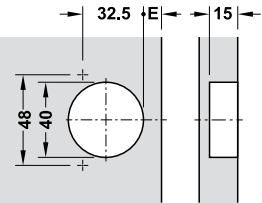
Special hinge for wide doors with width of up to 900 mm



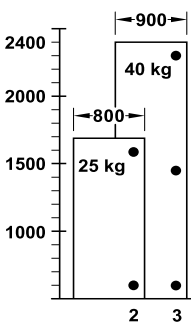
> For particularly heavy and wide doors

- > Opening angle: Full overlay and half overlay mounting 95°, inset mounting 93°
- > Material: Zinc alloy cup, steel hinge arm
- > Installation: Door on cabinet with slide on system, the hinge supports clip-on installation
- > Adjustment facility: Side adjustment from –4 to 0 mm, depth adjustment from –2.5 to +1.5 mm, height adjustment from –3 to +3 mm

Drilling pattern for cup fixing



Number of hinges per door



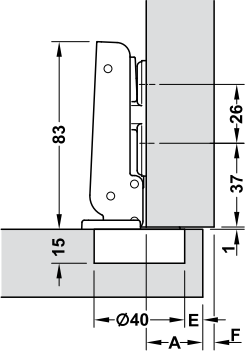
The values in the table are sample measurements. Trial mounting is recommended.

Minimum gap with full overlay and half overlay mounting
For doors with chamfered edges (bevel = 1 mm) with factory settings

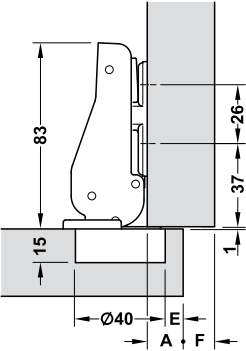
Door thickness mm	Distance to cup E mm					
	3.0	4.0	5.0	6.0	7.0	8.0
18	0.3	0.3	0.3	0.3	0.3	0.3
20	0.5	0.5	0.5	0.5	0.5	0.5
22	0.8	0.8	0.8	0.7	0.7	0.7
24	1.1	1.1	1.1	1.1	1.1	1.0
26	1.7	1.6	1.6	1.5	1.5	1.5
28	3.2	2.8	2.5	2.2	2.1	2.0
30	5.0	4.5	4.0	3.6	3.3	3.0

Minimum gap F

→ Full overlay mounting



→ Half overlay mounting



Note
Min. side panel thickness = overlay (A) + minimum gap (F)

Distance to cup (E) mm	3	4	5	6	7	8
Overlay (A) mm	20	21	22	23	24	25

Finish/colour	With automatic closing spring	Without automatic closing spring
Nickel plated	327.22.510	327.22.522
Nickel plated black	327.22.521	327.22.520

Packing: 1 or 50 pieces

Note
Min. centre panel thickness = 2 x overlay (A) + 2 x minimum gap (F)

Distance to cup (E) mm	3	4	5	6	7	8
Overlay (A) mm	11	12	13	14	15	16

Finish/colour	With automatic closing spring	Without automatic closing spring
Nickel plated	327.22.511	327.22.525
Nickel plated black	327.22.524	327.22.523

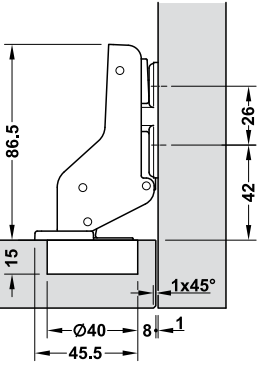
Packing: 1 or 50 pieces

Stainless Steel Hinges

Special Hinges

Hinges for Special Applications
For wide wooden doors

→ Inset mounting



Minimum gap with inset mounting
For doors with chamfered edges (chamfer = 1 mm)
with factory settings

Door thickness mm	Distance to cup E mm					
	3.0	4.0	5.0	6.0	7.0	8.0
18	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
22	0.1	0.1	0.1	0.1	0.0	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1
26	0.3	0.3	0.3	0.3	0.3	0.3
28	1.7	1.1	0.6	0.5	0.5	0.5
30	3.5	2.9	2.3	1.8	1.0	0.9
32	5.4	4.7	4.1	3.6	3.0	2.5
34	7.3	6.6	6.0	5.4	4.8	4.3
Minimum gap F						

Note
Actual gap adjustable via side adjustment (up to -4 mm)

Distance to cup (E) mm	3	4	5	6	7	8
Actual gap (F) mm	6	5	4	3	2	1

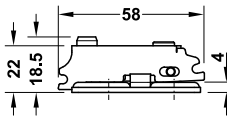
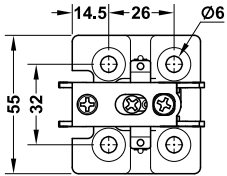
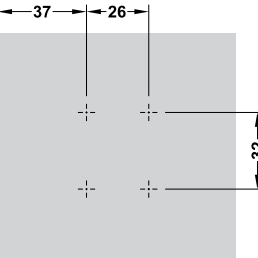
Finish/colour	With automatic closing spring	Without automatic closing spring
Nickel plated	327.22.512	327.22.528
Nickel plated black	327.22.527	327.22.526

Packing: 1 or 50 pieces

→ Mounting plate



Drilling pattern



→ Cover cap for hinge arm



→ Cover cap for mounting plate



Material	Colour	Type of mounting	Cat. No.
Plastic	Grey	Full overlay mounting	327.34.500
		Half overlay mounting	327.34.501
		Inset mounting	327.34.502

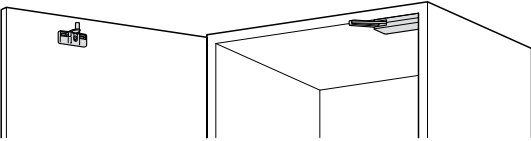
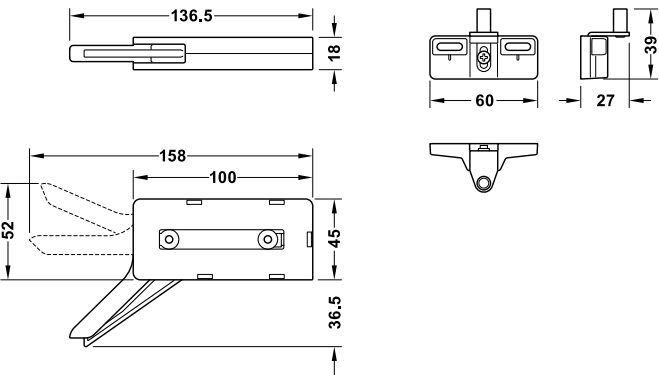
Packing: 1 or 100 pieces

Material	Colour	Cat. No.
Plastic	Grey	327.34.510

Packing: 1 or 100 pieces

Hinges for Special Applications
For wide wooden doors

→ Soft closing mechanism for doors and catch



- > Area of application: For full overlay mounted, half overlay mounted and inset mounted doors, suitable for hinges with or without automatic closing spring, can be used on both sides, hold doors in closed position
- > For door height: ≤2.400 mm
- > For door width: 450–900 mm
- > Load bearing capacity: 25–40 kg
- > Adjustment facility: Side adjustment ±5 mm, height adjustment ±4 mm
- > Installation: For screw fixing

Supplied with
Soft closing mechanism
Cover cap
Release device
2 fixing screws for soft closing mechanism Ø 3.5 x 30 mm
2 fixing screws for release device Ø 3.5 x 15 mm

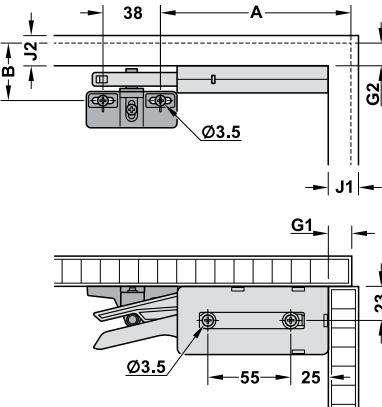
Colour	Cat. No.
Black	356.02.524
White	356.02.525

Packing: 1 or 50 pieces

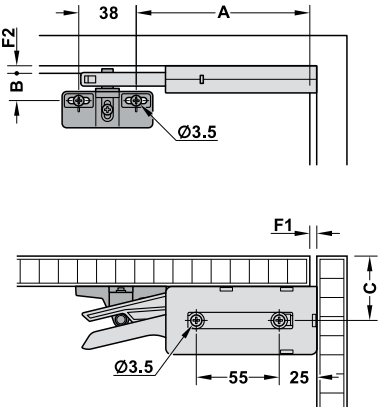
Order reference
Please order fixing screws Ø 4x15 mm for mounting release device on aluminium frame separately.

Drilling pattern

Full overlay mounting/half overlay mounting



Inset mounting



Type of mounting	A mm	B mm	C mm
Full overlay mounting	114 + side panel thickness (J1)	24 + cabinet top panel thickness (J2)	–
Half overlay mounting	114 + door overlay (G1)	24 + door overlay (G2)	–
Inset mounting	114 + lateral gap (F1)	24 + top gap (F2)	23 + door thickness

Special Hinges

Special Hinges

Hinges for Special Applications For rebated doors

Concealed hinge for rebated doors

With exposed knuckle, gap 6 mm

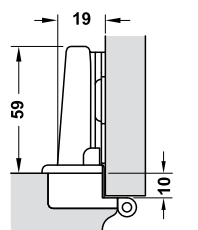


- > Opening angle: 180°
- > Material: Zinc alloy
- > Cup fixing: For screw fixing
- > Hinge arm fixing: Slide-on system
- > Side panel thickness: 19 mm
- > For door thickness: 16–22 mm
- > Knuckle Ø: 7 mm
- > Knuckle length: 43 mm without decorative finials, 75 mm with decorative finials
- > Adjustment facility: 3-dimensional
- > With spring

Note

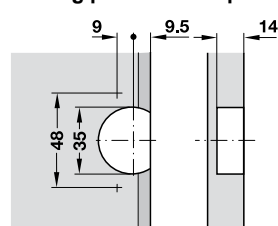
Trial mounting is recommended.

- > The door's width must not exceed its height.
- > The distance between the hinges of doors with 2 hinges must be as long as possible (dim. X max. 100 mm).

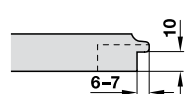


With mounting plate distance 0 mm

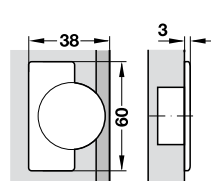
Drilling pattern for cup fixing



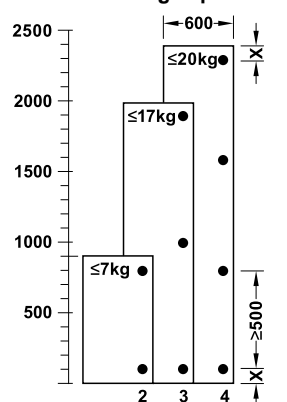
Rebate dimensions



Installation dimensions



Number of hinges per door



→ Full overlay mounting/half overlay mounting

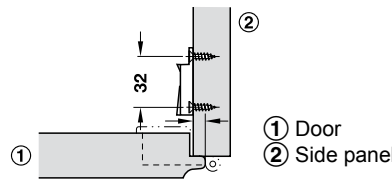
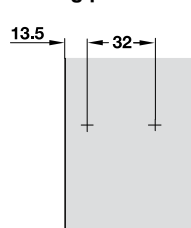


Finish	Packing pieces	Cat. No.
Nickel plated	1	343.30.710
Burnished	1 or 50	343.30.106

→ Mounting plate



Drilling pattern



Overlay 5 mm with mounting plate 0 mm



- > Material: Zinc alloy
- > Finish: Nickel plated
- > Height adjustment: With screw ±2 mm
- > Installation: For screw fixing

Suitable for	Distance mm	Cat. No.
Full overlay mounting	0	323.71.707
Half overlay mounting	4	323.71.743

Packing: 1 or 50 pieces

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

Hinges for Special Applications For wooden doors

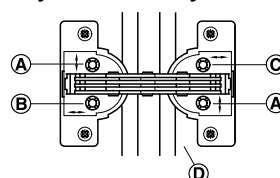
GS Mitred hinges

For 22.5° and 45° mitred joint applications



- > Material: Zinc alloy cup, steel hinge arm
- > Finish: Nickel plated
- > For door thickness: 16–22 mm
- > Side panel thickness: 16–20 mm, from 20 mm and above the edge has to be chamfered by 3 mm
- > Adjustment facility: 3-dimensional
- > Installation: For screw fixing

Adjustment facility



(A) Height

(B) Side

(C) Depth

(D) Side panel

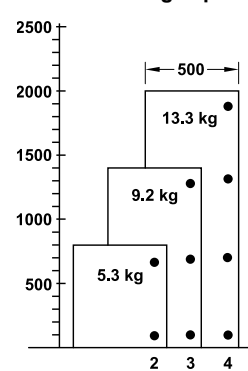
Height adjustment 3 mm

Side and depth adjustment 1.5 mm

Note

Provide 2 mm surrounding door gap.

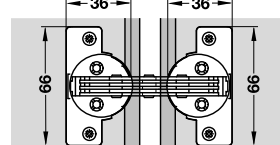
Number of hinges per door



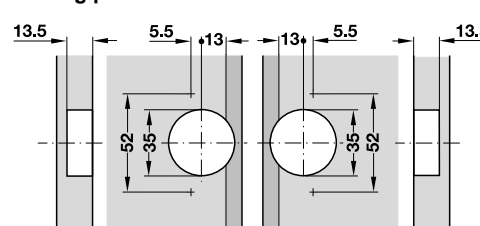
- > Sample measurements for wood thickness 19 mm
- > Door width up to 500 mm



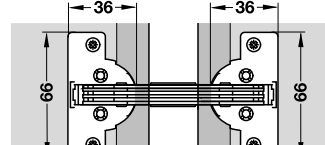
→ Mitred hinge GS 22.5



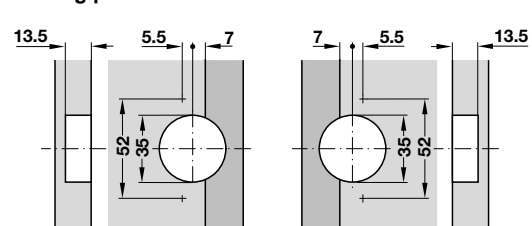
Drilling pattern for 22.5° mitre cut



→ GS 45 Mitred hinge



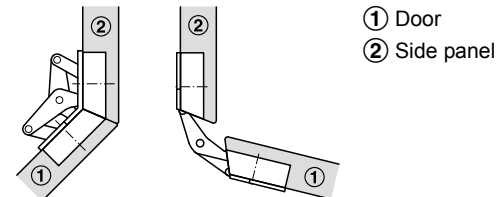
Drilling pattern for 45° mitre cut



Opening angle	Cat. No.
120°	325.00.726

Packing: 1 or 20 pieces

Mounting



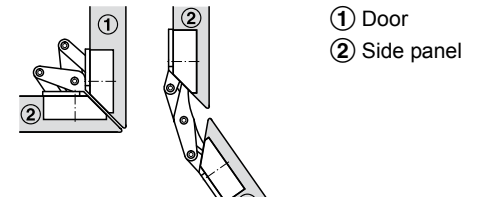
Door closed Door open



Opening angle	Cat. No.
135°	325.00.708

Packing: 1 or 20 pieces

Mounting



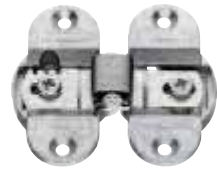
Door closed Door open

for Special Applications
For wooden doors

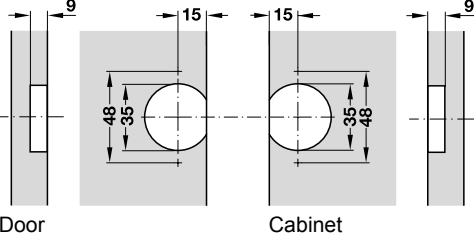
Folding door hinge
Gap 0–10 mm



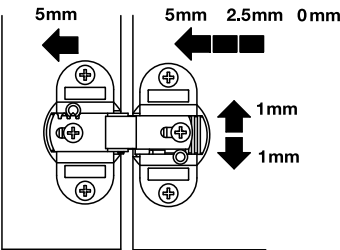
- > Opening angle: 180°
- > Material: Zinc alloy
- > Finish: Nickel plated
- > Installation: For screw fixing
- > For door thickness: From 13 mm
- > Adjustment facility: Gap adjustable from 0–10 mm (factory setting 3 mm, central pivot point), use spacer with gaps >0 mm
- > Stretch and fold stabilised by spring force
- > Total width of both door leaves max. 600 mm
- > Plan number/position of folding door hinges according to the number/position of door hinges
- > Adjustable pivot offset



Drilling pattern



Adjustment facility



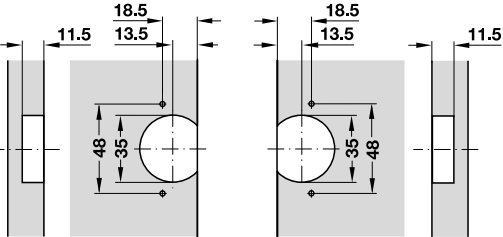
Installation	Cat. No.
For screw fixing	343.91.600
Packing: 1 or 10 pieces	

Hinge for folding doors for corner units
Gap 4–18 mm

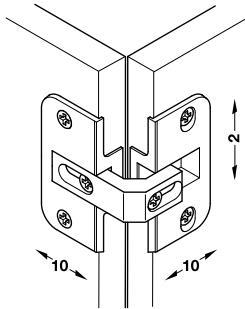


- > Opening angle: 150°
- > Material: Zinc alloy
- > Finish: Nickel plated
- > Installation: For screw fixing
- > For door thickness: 15–24 mm
- > Adjustment facility: 3-dimensional

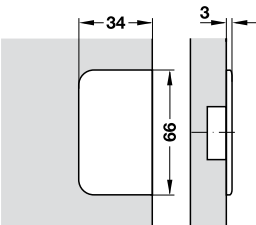
Drilling pattern



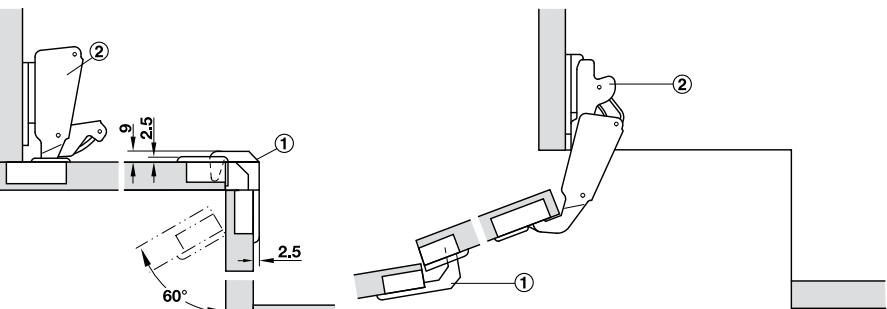
Adjustment facility



Installation dimensions



Installation



- Door closed
- Door open
- ① Hinge for folding doors for corner units, ② standard wide drawn profiled hinge

Installation	Cat. No.
For screw fixing	343.90.700
Packing: 1 or 10 pieces	



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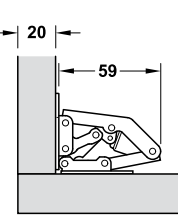
Hinges for Special Applications
For wooden doors

Spring hinge

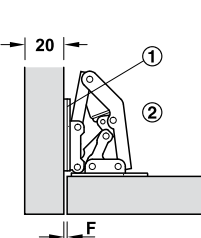


- > Opening angle: 90°
- > Material: Steel
- > Finish: Galvanized
- > For door thickness: From 16 mm
- > Side panel thickness: 16–22 mm
- > Installation: For screw fixing
- > Adjustment facility: Side and depth adjustment via slots
- > With or without automatic closing spring (optional)

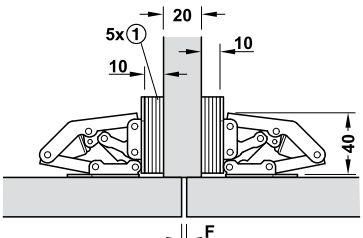
Installation



Full overlay mounting

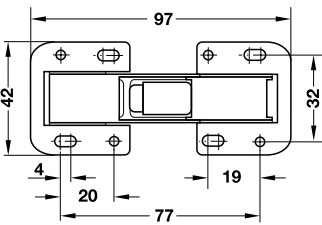


Inset mounting



Half overlay mounting/twin mounting

Installation dimensions



→ Spacer plate



Full overlay mounting

Side panel thickness mm	Door overlay mm	Gap F mm	Number of spacer plates pieces
16	14	2	3
17	16	1	2
18	16	2	2
19	16	3	2
20	20	–	–
21	20	1	–
22	20	2	–

Note
From a side panel thickness of <20 mm a spacer plate is inserted beneath the hinge screw-on plate.
Larger corner distances and gaps can be achieved using spacer plates (also stackable).

	Cat. No.
With automatic closing spring	343.33.970
Without automatic closing spring	343.34.960

Packing: 1 or 100 pieces

Order reference
Please order spacer plate separately.

- > Material: Plastic
- > Colour: White
- > Stackable

Thickness mm	Cat. No.
2	343.34.780

Packing: 1 or 20 pieces



DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

Special Hinges

>IN.com

Caravan Hinges with Short Arm
For wooden doors

Hinge with short arm

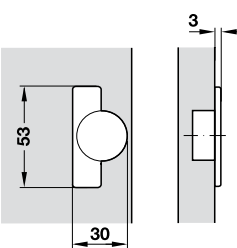
For thin hinged doors from thickness of 12 mm



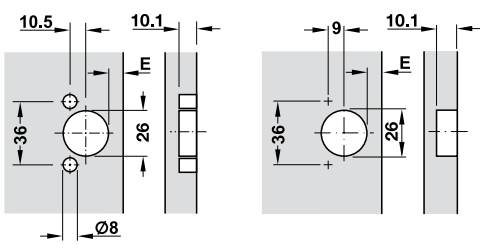
- > Opening angle: 95°
- > Material: Steel cup, hinge arm and screw-on plate
- > Finish: Nickel plated
- > Installation: Door to cabinet for screw fixing
- > Drilling depth: Hinge cup 10.1 mm
- > For door thickness: From 12 mm
- > For door width: Max. 400 mm (with 4 hinges)
- > For door height: Max. 1,800 mm (with 4 hinges)
- > Adjustment facility: Height and side adjustment
- > Distance to cup E: 3–4 mm
- > Cabinet screw-on plate with positioning aid
- > Without automatic closing spring



Installation dimensions



Drilling pattern for cup fixing, hinge cup 10.1 mm



For press fitting
Drilling pattern 36/10.5

For screw fixing
Drilling pattern 36/9

Note
Trial mounting is recommended.

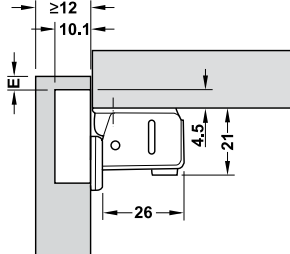
→ For door thicknesses from 12 mm



For press fitting



For screw fixing



Cup fixing	Drilling pattern	Without automatic closing spring
For press fitting	36/10.5	343.80.730
For screw fixing	36/9	343.80.720

Packing: 1 or 250 pieces

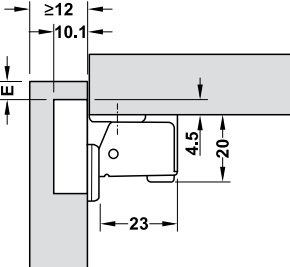
→ With reinforced mounting plate



For press fitting



For screw fixing



Cup fixing	Drilling pattern	Without automatic closing spring
For press fitting	36/10.5	343.80.740
For screw fixing	36/9	343.82.240

Packing: 1 or 250 pieces

Caravan Hinges with Short Arm
For wooden doors

Hinge with short arm

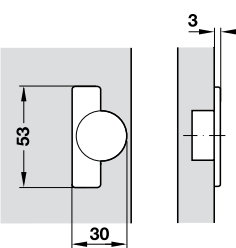
For thin hinged doors from thickness of 14 mm



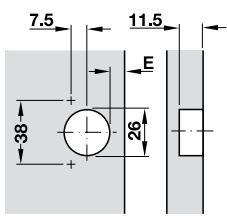
- > Opening angle: 95°
- > Material: Steel cup and hinge arm, zinc alloy screw-on plate
- > Finish: Nickel plated
- > Installation: Door to cabinet for screw fixing
- > Drilling depth: Hinge cup 11.5 mm
- > For door thickness: From 14 mm
- > For door width: Up to 400 mm (with 4 hinges)
- > For door height: Max. 1,800 mm (with 4 hinges)
- > Adjustment facility: Height and side adjustment
- > Distance to cup E: 3–4 mm
- > Cabinet screw-on plate with positioning aid
- > With or without automatic closing spring (optional)



Installation dimensions



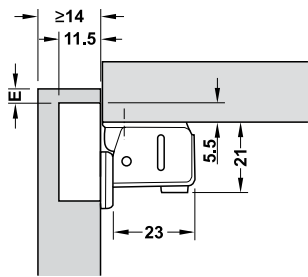
Drilling pattern for cup fixing, hinge cup 11.5 mm



Note
Trial mounting is recommended.

For screw fixing
Drilling pattern 38/7.5

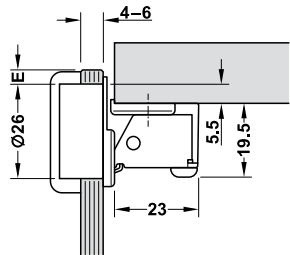
→ For door thickness from 14 mm



Cup fixing	Drilling pattern	With automatic closing spring	Without automatic closing spring
For screw fixing	38/7.5	343.82.230	343.82.200

Packing: 1 or 250 pieces

→ For glass doors with thickness of 4–6 mm



Cup fixing	Cat. No.
For screw fixing	343.82.330

Packing: 1 or 250 pieces

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

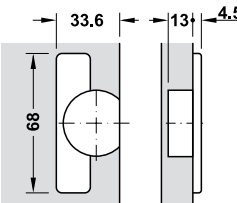
Caravan Hinges with Short Arm
For wooden doors

Hinge with short arm
Full overlay mounting, gap 4 mm, 270°

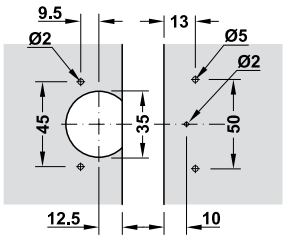


- > Area of application: For module and profile systems, metal cabinets and rebated doors
- > Version: Flat design, hardened steel axle in maintenance-free plastic bearings
- > Opening angle: 270°
- > Material: Zinc alloy cup and hinge arm
- > Finish: Nickel plated
- > For door thickness: 16–23 mm (23 mm with edge radius 2 mm)
- > Door offset: ≤7 mm
- > Knuckle Ø: 5 mm
- > Adjustment facility: Height adjustment: ±2 mm, side adjustment: –3 mm
- > With spring
- > Installation: Door and side component for screw fixing (screws not supplied)

Installation dimensions



Drilling pattern for cup fixing



Mounting reference
Use Varianta screws with length of 13 mm,
Cat. No. 013.31.910, for fixing the hinge arm.

Note
Trial mounting is recommended.

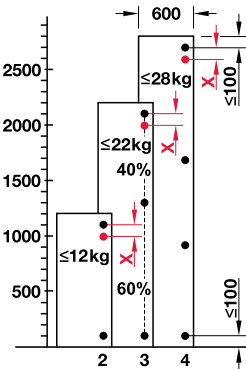
Cup fixing	Cat. No.
For screw fixing	344.74.000

Packing: 1 piece

Order reference
Special colours available on request.
Please order fixing material separately.

Number of hinges per door

- > The values in the diagram are sample measurements for doors up to 600 mm wide.
- > With doors less than 400 mm wide the minimum gap must be determined by trial mounting.
- > The door's width should not exceed its height.
- > The distance between door edge and uppermost / lowermost hinge should be no more than 100 mm.
- > In case of heavy loads and high leverage force, an additional hinge (dim. X max. 100 mm) mounted below the top hinge is recommended.



DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

Caravan Stay Flap Hinges
For wooden flaps

Häfele Stay flap hinge
For lightweight flaps

Lift+Turn 90°

- > Material: Steel
- > Finish: Nickel plated
- > Installation: For screw fixing
- > Dim.: For flap thickness: 15 or 16 mm, for flap width: Max. 800 mm, for flap height: Max. 340 mm
- > Adjustment facility: Side and height adjustment via slots

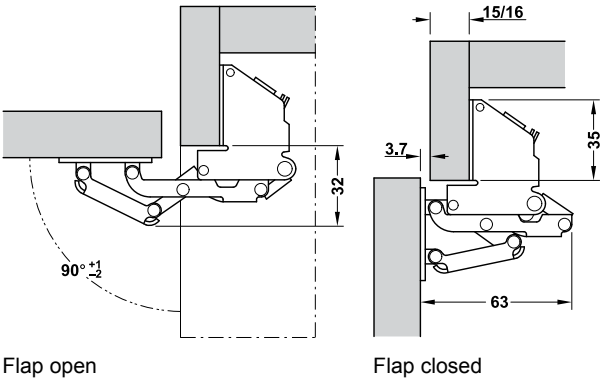
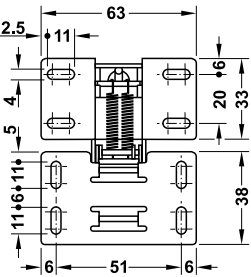
→ CH 600, for mounting with panel



Mounting with panel

- > With opening mechanism and automatic closing spring
- > Holding power adjustable via adjusting screw

> Flap weight: Up to 2.1 kg



Adjustment facility



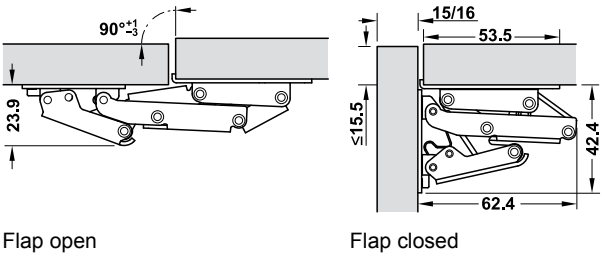
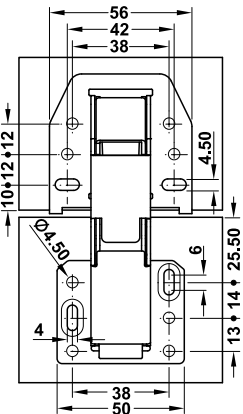
Holding power adjustable with screwdriver

→ CH 300, for overlay mounting



- > With opening mechanism and automatic closing spring

> Flap weight: Up to 2.1 kg



Version	Cat. No.
Without soft closing mechanism	356.36.602
With soft closing mechanism	356.36.607

Packing: 1 or 100 pieces

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

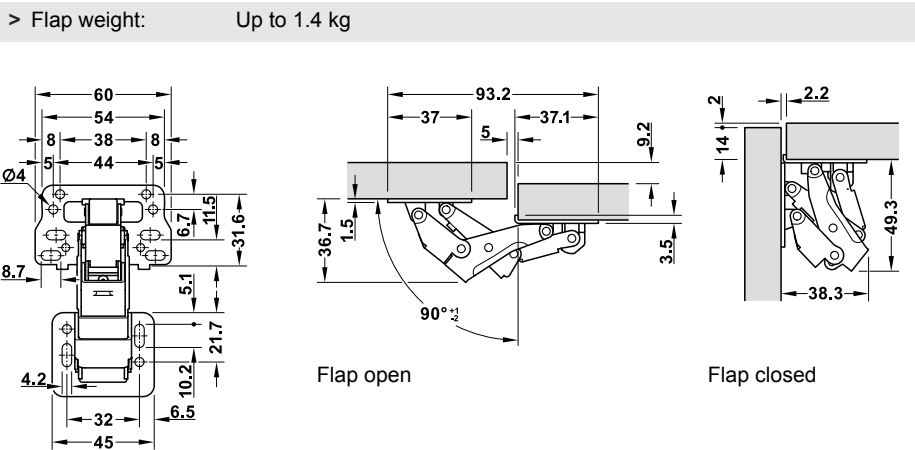
Caravan Stay Flap Hinges
For wooden flaps

→ CH 150, for overlay mounting

Lift+Turn



> With opening mechanism and automatic closing spring



Version	Cat. No.
Without soft closing mechanism	356.36.608
Packing: 1 or 100 pieces	

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.



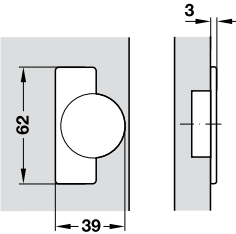
Caravan Stay Flap Hinges
For wooden flaps

Stay flap hinge
For lightweight flaps up to 1.5 kg

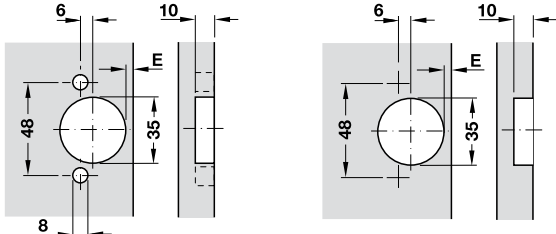


- > Opening angle: 95°
- > Material: Steel cup and hinge arm
- > Finish: Galvanized
- > Installation: Flap for screw fixing to cabinet
- > Flap weight: Up to 1.5 kg
- > Dim.: For flap thickness: 12–22 mm, for flap width: max. 450 mm, for flap height: max. 315 mm
- > Adjustment facility: Height and side adjustment
- > With or without automatic closing spring (optional)

Installation dimensions



Drilling pattern for cup fixing



Note
Trial mounting is recommended.

For press fitting
Drilling pattern 48/6

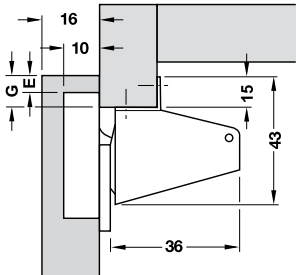
For screw fixing
Drilling pattern 48/6

Example calculation of the flap overlay:
Overlay G = 4 mm + distance to cup E (4 mm) = 8 mm

→ **For straight flaps**
For blind corner mounting (overlay), with angled screw-on plate



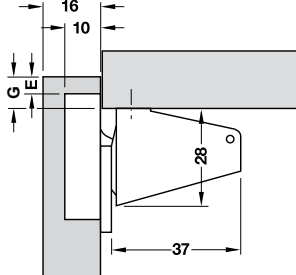
Two-sided screw fixing to blind corner



Cup fixing	Drilling pattern	With automatic closing spring	Without automatic closing spring
For press fitting	48/6	356.35.713	356.35.731
For screw fixing	48/6	356.35.815	–

Packing: 1 or 250 pieces

→ **For straight flaps**
For overlay mounting, with straight screw-on plate



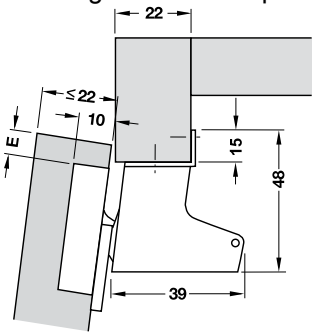
Cup fixing	Drilling pattern	With automatic closing spring
For press fitting	48/6	356.35.723

Packing: 1 or 250 pieces

→ **For straight and convex flaps (post-forming)**
For blind corner mounting (overlay), with angled screw-on plate



Two-sided screw fixing to blind corner



Cup fixing	Drilling pattern	With automatic closing spring
For press fitting	48/6	356.35.740

Packing: 1 or 200 pieces

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.



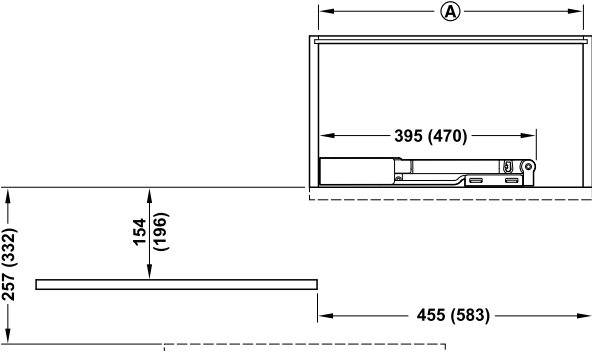
Door Opening Mechanisms
For wooden or narrow aluminium frame doors

20 FB Door opening mechanism
For overlay or flush swing-out doors up to 20 kg



- > 0-door offset for use with internal pull outs or extending trays
 - > With integrated soft closing mechanism
- > Area of application: Door swings out to the front and to the side when being opened, allowing unlimited access to the cabinet interior, can be used for single doors, double doors with straight cabinet design and for corner solutions
- > Internal cabinet width: Min. 398 or 475 mm
- > Internal cabinet height: Max. 2,576 mm
- > Adjustment facility: +4 mm vertically, ±2 mm horizontally, ±4 mm tilting angle adjustment
- > Material: Zinc alloy
- > Finish: Powder coated silver coloured

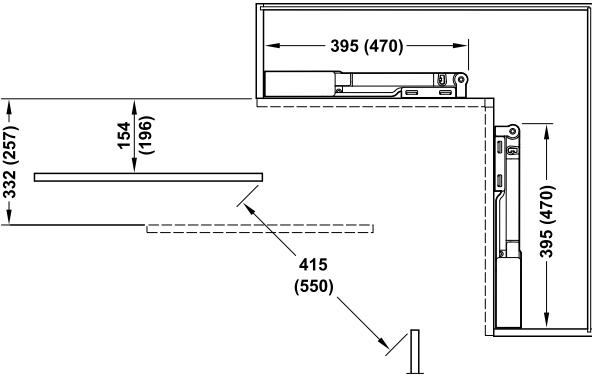
Application



Single door, **A** Internal cabinet width

Dimensions without brackets = internal cabinet width min. 398 mm

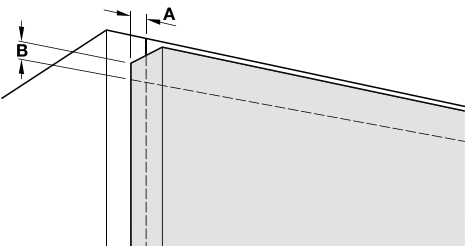
Dimensions in brackets = internal cabinet width min. 475 mm



Corner solution with double doors

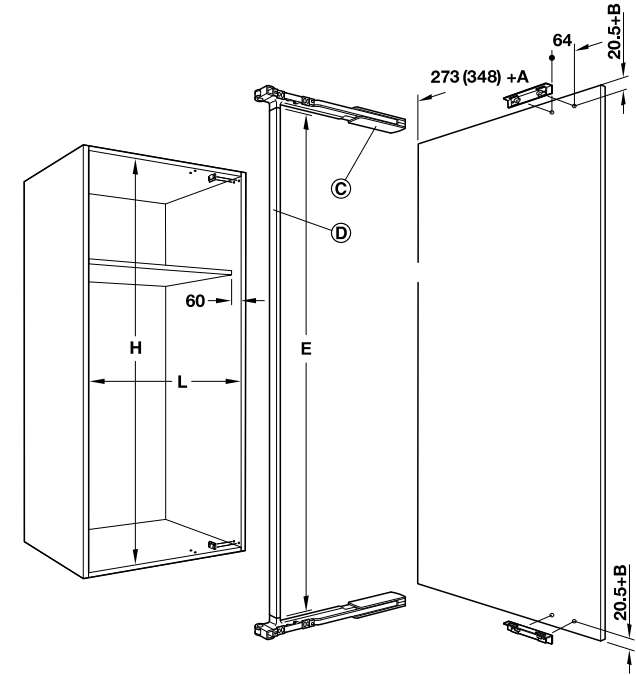
Dimensions without brackets = internal cabinet width min. 398 mm

Dimensions in brackets = internal cabinet width min. 475 mm



A = lateral door overlay

B = top and bottom door overlay

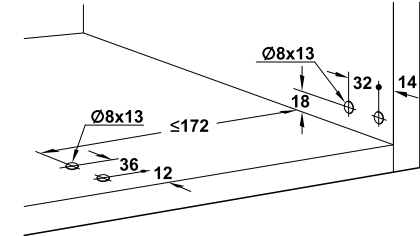


C Door opening mechanism, **D** connecting bar

E = connecting bar length = H – 76 mm = H – 84 mm when using fixing set

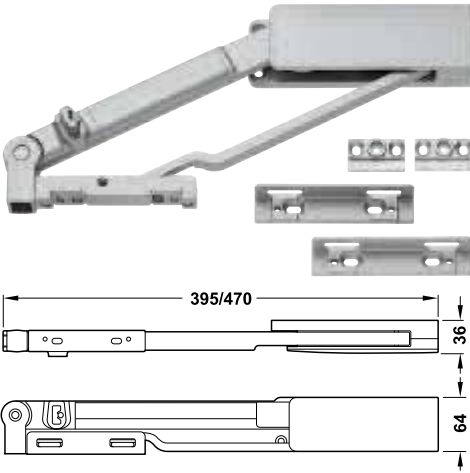
L = internal cabinet width, H = internal cabinet height

Drilling pattern



Door Opening Mechanisms
For wooden or narrow aluminium frame doors

→ Set



Supplied with

1 pair of door opening mechanisms

2 door mounting brackets

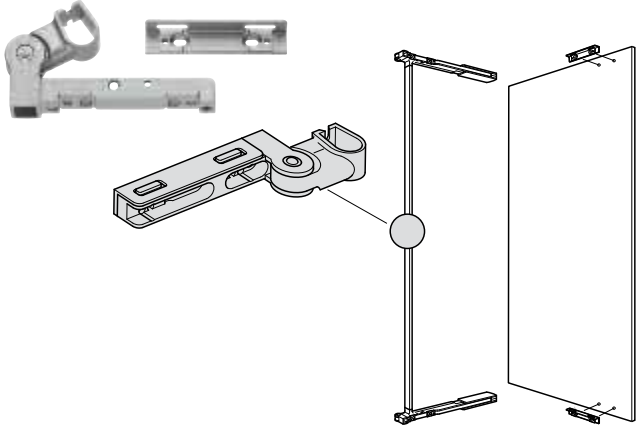
Version	Cabinet width mm	Max. door travel mm	Cat. No.
With soft closing mechanism	Min. 398	450	407.32.906
	Min. 475	600	407.32.907

Packing: 1 set

Order reference

Please order connecting bar and centre hinge separately.

→ Centre hinge



> Area of application: For stabilising the connecting bar with high doors

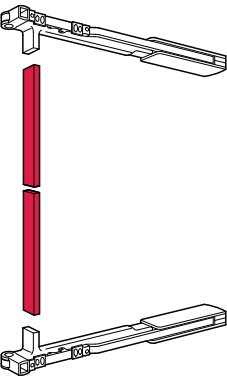
Material	Finish/colour	Cat. No.
Zinc alloy	Powder coated, silver coloured	407.32.930

Packing: 1 set

Note

Screws for connecting bar not supplied

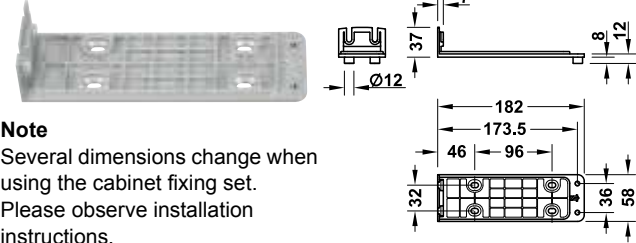
→ Connecting bar, can be shortened



Material	Finish/colour	Length mm	Cat. No.
Aluminium	Powder coated, silver coloured	1900	407.32.911
		2500	407.32.910

Packing: 1 piece

→ Cabinet fixing set



Note

Several dimensions change when using the cabinet fixing set. Please observe installation instructions.

> Area of application: For fixing the fitting to cabinet top panels and base panels with heavy loads and high leverage force

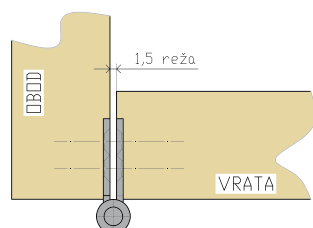
Material	Finish/colour	Cat. No.
Zinc alloy	Powder coated, silver coloured	407.32.940

Packing: 1 piece

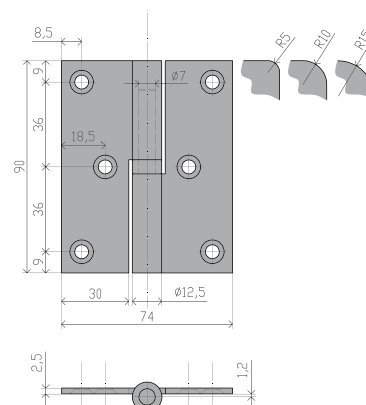
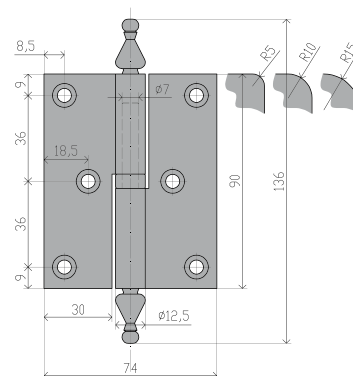
DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

DGH-M-INT 2020, HDE-en, 05/19; Dimensional data not binding. We reserve the right to alter specifications without notice.

Tečaji iz medenine



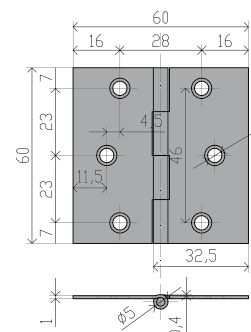
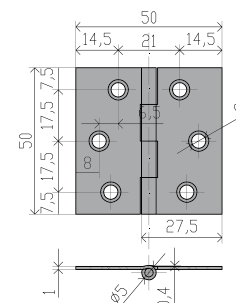
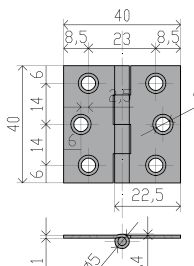
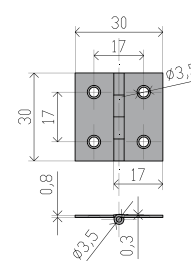
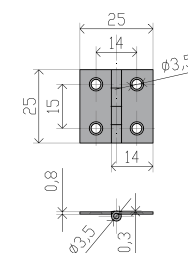
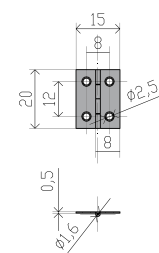
Koda	Dim.	Zašč.	Pakirano
SP-00301	MPL 90x74	Kr	10 kom
SP-00301B	MPL 90x74	Kr	1/1 zav
SP-00302	MPD 90x74	Kr	10 kom
SP-00302B	MPD 90x74	Kr	1/1 zav
SP-00303	MPL 90x74 R10	Kr	10 kom
SP-00304	MPL 90x74	Mkr	10 kom
SP-00304B	MPL 90x74	Mkr	1/1 zav
SP-00305	MPD 90x74	Mkr	10 kom
SP-00305B	MPD 90x74	Mkr	1/1 zav
SP-00306	MPL 90x74 R10	Mkr	10 kom
SP-00307	MPL 90x74	Au	10 kom
SP-00307B	MPL 90x74	Au	1/1 zav
SP-00308	MPD 90x74	Au	10 kom
SP-00308B	MPD 90x74	Au	1/1 zav
SP-00309	MPL 90x74 R10	Au	10 kom
SP-00310	MPD 90x74 R10	Au	10 kom
SP-00311	MPOL 90x74	St.Au	10 kom
SP-00312	MPOD 90x74	St.Au	10 kom



Tečaj manjši



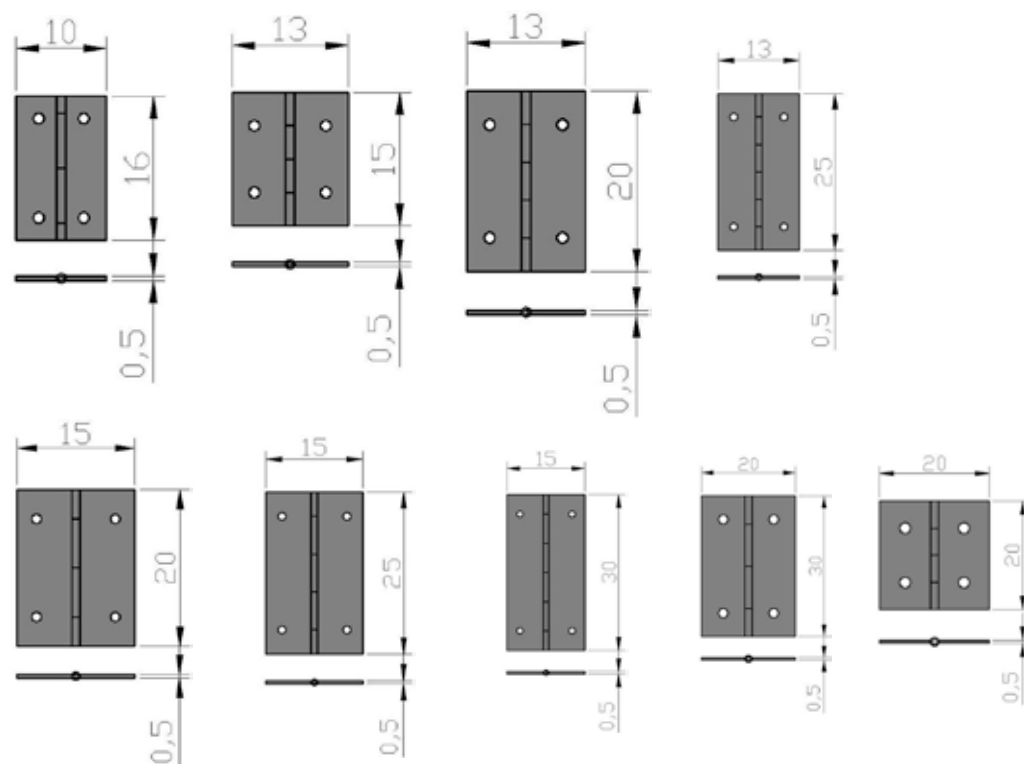
Koda	Dim.	Zašč.	Pakirano
SP-00401	20x16	Zn	100 kos
SP-00401B	20x16	Zn	6/1 zav
SP-00402	20x16	Ms	100 kos
SP-00402B	20x16	Ms	6/1 zav
SP-00403	25x25	Zn	50 kos
SP-00403B	25x25	Zn	4/1 zav
SP-00404	25x25	Ms	50 kos
SP-00404B	25x25	Ms	2/1 zav
SP-00405	30x30	Zn	50 kos
SP-00405B	30x30	Zn	4/1 zav
SP-00406	30x30	Ms	50 kos
SP-00406B	30x30	Ms	2/1 zav
SP-00407	40x40	Zn	50 kos
SP-00407B	40x40	Zn	2/1 zav
SP-00408	40x40	Ms	50 kos
SP-00408B	40x40	Ms	2/1 zav
SP-00409	40x40	Pat.Cu	50 kos
SP-00409B	40x40	Pat.Cu	2/1 zav
SP-00410	50x50	Zn	50 kos
SP-00410B	50x50	Zn	2/1 zav
SP-00411	50x50	Ms	50 kos
SP-00411B	50x50	Ms	2/1 zav
SP-00412	50x50	Pat.Cu	50 kos
SP-00412B	50x50	Pat.Cu	2/1 zav
SP-00413	60x60	Zn	50 kos
SP-00413B	60x60	Zn	2/1 zav
SP-00414	60x60	Ms	50 kos
SP-00414B	60x60	Ms	2/1 zav
SP-00415	60x60	Pat.Cu	50 kos
SP-00415B	60x60	Pat.Cu	2/1 zav



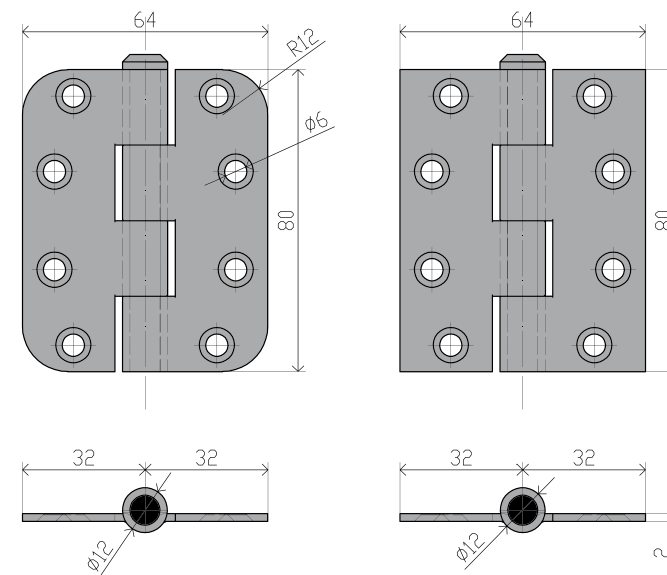
Tečaj manjši za zaboje



Koda	Dim.	Zašč.	Pakirano
SP-00701	10x16	Ms	100 kos
SP-00701B	10x16	Ms	4/1 zav
SP-00702	13x15	Ms	100 kos
SP-00702B	13x15	Ms	4/1 zav
SP-00703	13x20	Ms	100 kos
SP-00703B	13x20	Ms	4/1 zav
SP-00704	13x25	Ms	100 kos
SP-00704B	13x25	Ms	4/1 zav
SP-00705	15x25	Ms	100 kos
SP-00705B	15x25	Ms	4/1 zav
SP-00706	15x30	Ms	100 kos
SP-00706B	15x30	Ms	4/1 zav
SP-00707	20x20	Ms	100 kos
SP-00707B	20x20	Ms	4/1 zav
SP-00708	20x30	Ms	100 kos
SP-00708B	20x30	Ms	4/1 zav



Tečaji razstavljljivi/zakovičeni



Razstavljljivi:

Koda	Dim.	Zašč.	Pakirano
SP-00801	80x64x2 R	Zn	40 kos
SP-00801B	80x64x2 R	Zn	1/1 zav
SP-00802	80x64x2 R	Be	10 kos
SP-00802B	80x64x2 R	Be	1/1 zav
SP-00803	80x64x2 R	Čr	10 kos
SP-00803B	80x64x2 R	Čr	1/1 zav
SP-00804	80x64x2 R	Mkr	10 kos
SP-00804B	80x64x2 R	Mkr	1/1 zav
SP-00805	80x64x2 R	Ms	10 kos
SP-00805B	80x64x2 R	Ms	1/1 zav
SP-00806	80x64x2 R	Kr	10 kos

Zakovičeni

Koda	Dim.	Zašč.	Pakirano
SP-00807	80x64x2 R	Zn	40 kos
SP-00807B	80x64x2 R	Zn	1/1 zav
SP-00808	80x64x2 R	Be	10 kos
SP-00809	80x64x2 R	Čr	10 kos

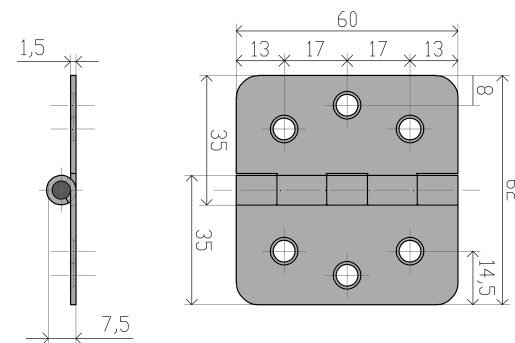
Razstavljljivi

Koda	Dim.	Zašč.	Pakirano
SP-00810	80x64 R0	Zn	10 kos
SP-00811	80x64 R0	Mkr	10 kos
SP-00812	80x74	Zn.Ru	10 kos
SP-00813	80x74	Zn.Ru	10 kos

Tečaji sklepni



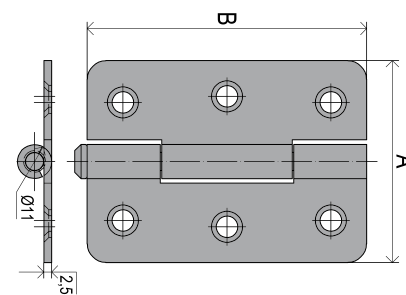
Koda	Dim.	Zašč.	Pakirano
SP-00901	60x60x1,5	Zn.Be	50 kos
SP-00901B	60x60x1,5	Zn.Be	2/1 zav
SP-00902	60x60x1,5	Zn.Ru	50 kos
SP-00902B	60x60x1,5	Zn.Ru	2/1 zav
SP-00903	60x60x1,5	Pat.Cu	50 kos
SP-00903B	60x60x1,5	Pat.Cu	2/1 zav
SP-00904	60x60x1,5	Alu	50 kos
SP-00904B	60x60x1,5	Alu	2/1 zav
SP-00905	60x38x1,5	Zn	50 kos
SP-00905B	60x38x1,5	Zn	2/1 zav
SP-00906	60x38x1,5	Pat.Cu	50 kos



Tečaj sklepni



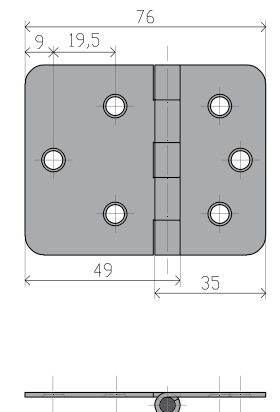
Koda	Dim.	Zašč.	Pakirano
SP-00906B	60x38x1,5	Pat.Cu	2/1 zav
SP-01001	70x42x1,5	Zn	50 kos
SP-01001B	70x42x1,5	Zn	2/1 zav
SP-01002	70x42x1,5	Pat.Cu	50 kos
SP-01002B	70x42x1,5	Pat.Cu	2/1 zav
SP-01003	90x64x2,5	Zn	50 kos
SP-01003B	90x64x2,5	Zn	2/1 zav
SP-01004	90x64x2,5	Pat.Cu	50 kos
SP-01004B	90x64x2,5	Pat.Cu	2/1 zav



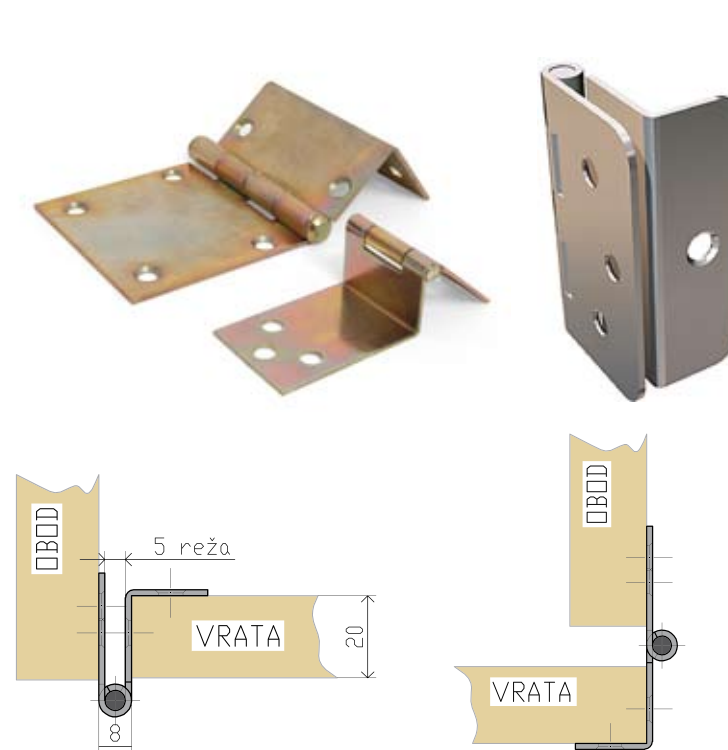
Tečaj sklepni nesimetrični



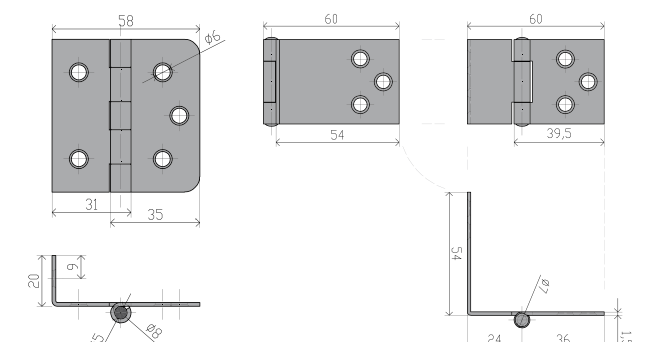
Koda	Dim.	Zašč.	Pakirano
SP-01101	20x50x18	Zn	50 kos
SP-01101B	20x50x18	Zn	2/1 zav
SP-01102	30x60x19	Zn	50 kos
SP-01102B	30x60x19	Zn	2/1 zav
SP-01103	40x80x25	Zn	50 kos
SP-01103B	40x80x25	Zn	2/1 zav
SP-01104	60x75x1,5	Zn.Be	50 kos
SP-01104B	60x75x1,5	Zn.Be	2/1 zav
SP-01105	60x75x1,5	Zn.Ru	50 kos
SP-01105B	60x75x1,5	Zn.Ru	2/1 zav



Tečaj sklepni, kotni



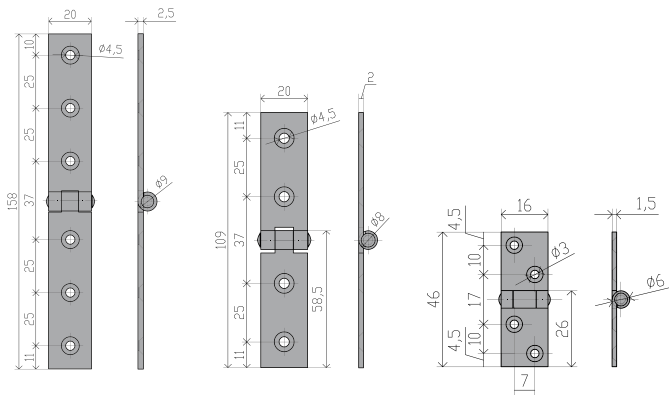
Koda	Dim.	Zašč.	Pakirano
SP-01201	20x50x60 kotna	Zn	50 kos
SP-01201B	20x50x60 kotna	Zn	2/1 zav
SP-01202	37x36x118 kotna	Zn	50 kos
SP-01202B	37x36x118 kotna	Zn	2/1 zav



Sklepni tečaj



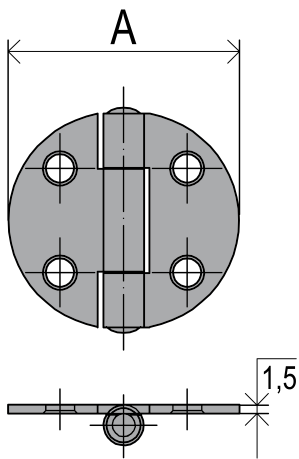
Koda	Dim.	Zašč.	Pakirano
SP-01301	45x16	Zn	50 kos
SP-01301B	45x16	Zn	2/1 zav
SP-01302	75x20	Zn	50 kos
SP-01302B	75x20	Zn	2/1 zav
SP-01303	110x20	Zn	50 kos
SP-01303B	110x20	Zn	2/1 zav
SP-01304	160x20	Zn	50 kos
SP-01304B	160x20	Zn	2/1 zav



Tečaj sklepni



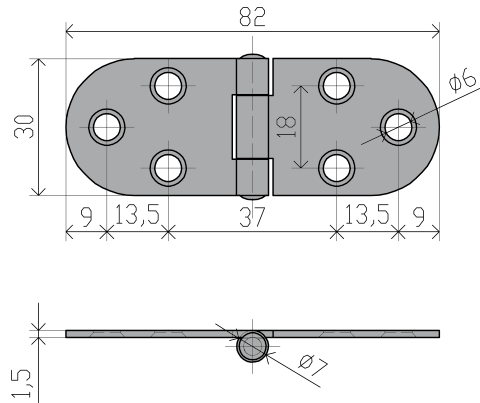
Koda	Dim.	Zašč.	Pakirano
SP-01401	fi 40	Zn	50 kos
SP-01401B	fi 40	Zn	2/1 zav



Sklepni tečaj



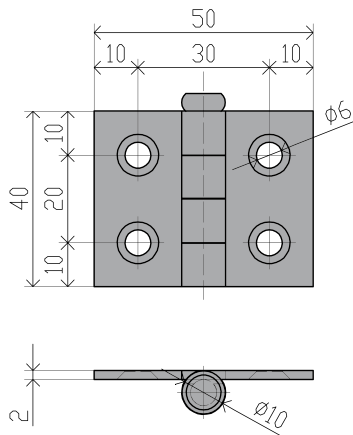
Koda	Dim.	Zašč.	Pakirano
SP-01501	80x30	Zn	50 kos
SP-01501B	80x30	Zn	2/1 zav
SP-01502	80x30	Ms	50 kos
SP-01502B	80x30	Ms	2/1 zav
SP-01503	80x30 z blokado	Ni	50 kos
SP-01503B	80x30 z blokado	Ni	2/1 zav



Sklepni tečaj

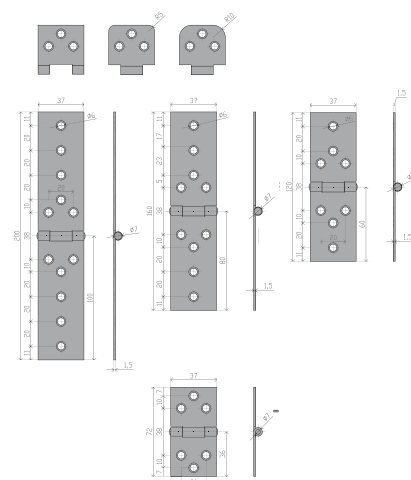
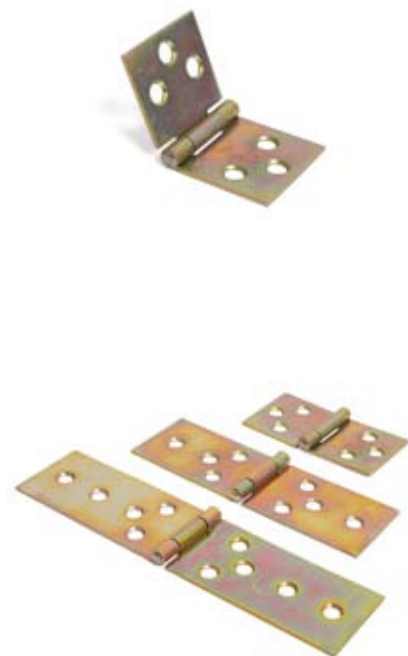


Koda	Dim.	Zašč.	Pakirano
SP-01601	40x50x2	Zn	50 kos
SP-0161B	40x50x2	Zn	2/1 zav



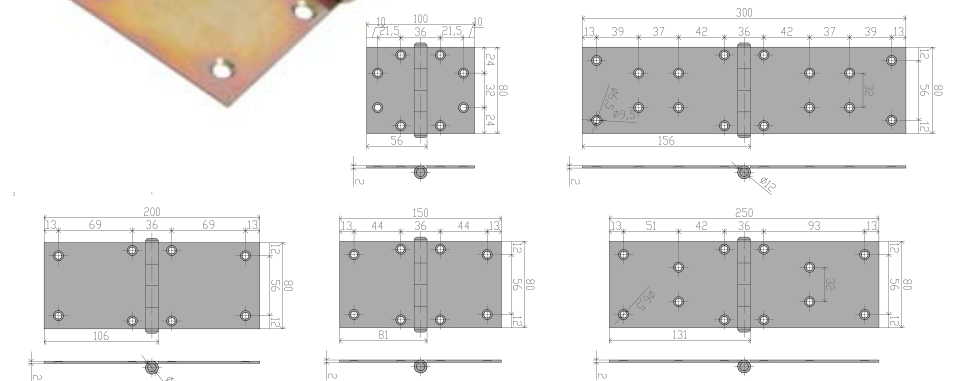
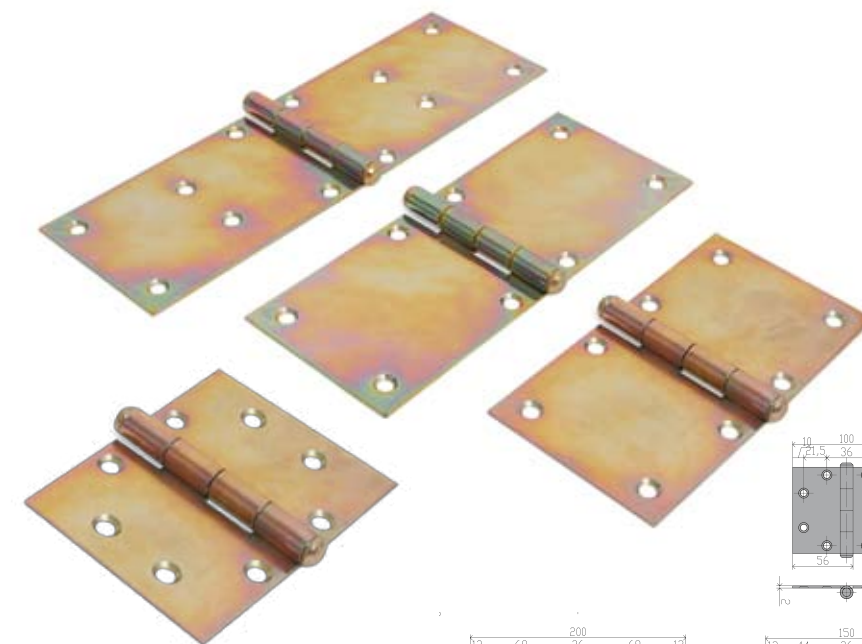
Tečaj sklepni

Koda	Dim.	Zašč.	Pakirano
SP-01701	37x72	Zn	50 kos
SP-01701B	37x72	Zn	2/1 zav
SP-01702	37x120	Zn	50 kos
SP-01702B	37x120	Zn	2/1 zav
SP-01703	37x160	Zn	50 kos
SP-01703B	37x160	Zn	2/1 zav
SP-01704	37x200	Zn	50 kos
SP-0174B	37x200	Zn	2/1 zav



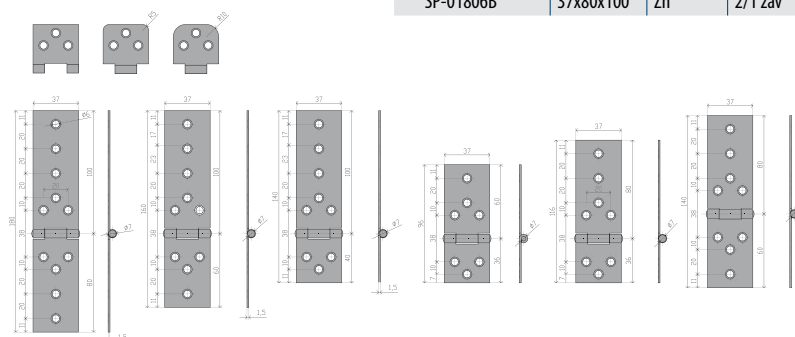
Tečaj zakovičeni široki

Koda	Dim.	Zašč.	Pakirano
SP-01901	80x100	Zn.Ru	10 kos
SP-01901B	80x100	Zn.Ru	1/1 zav
SP-01902	80x150	Zn.Ru	10 kos
SP-01902B	80x150	Zn.Ru	1/1 zav
SP-01903	80x200	Zn.Ru	10 kos
SP-01903B	80x200	Zn.Ru	1/1 zav
SP-01904	80x250	Zn.Ru	10 kos
SP-01904B	80x250	Zn.Ru	1/1 zav
SP-01905	80x300	Zn.Ru	10 kos
SP-01905B	80x300	Zn.Ru	1/1 zav



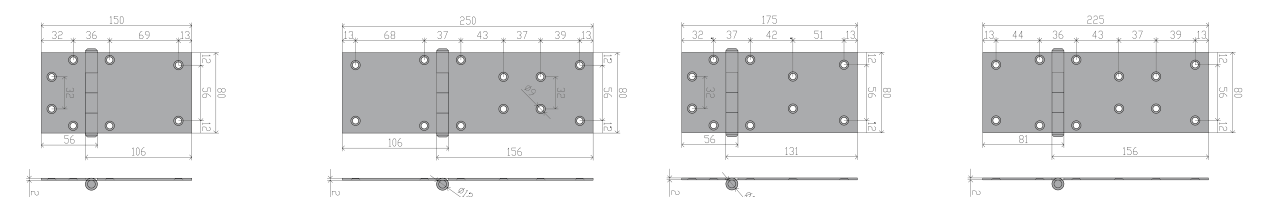
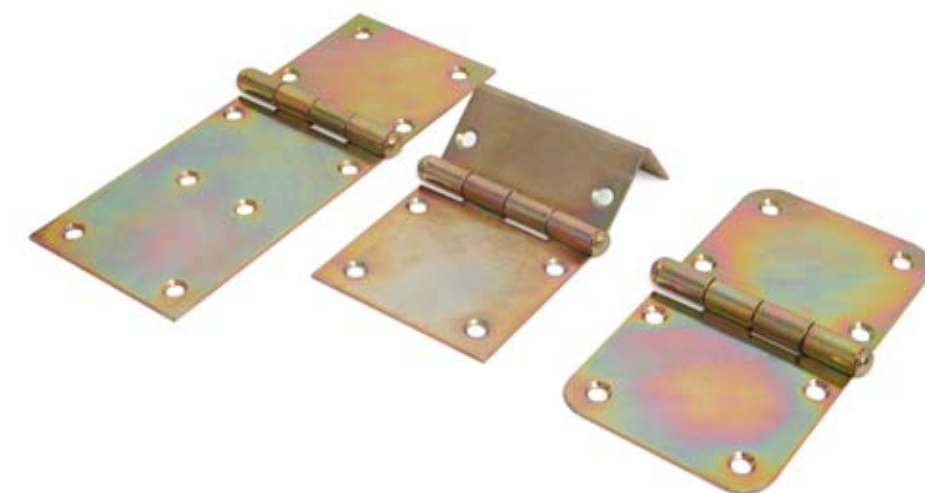
Tečaj sklepni, nesimetrični

Koda	Dim.	Zašč.	Pakirano
SP-01801	37x36x60	Zn	50 kos
SP-01801B	37x36x60	Zn	2/1 zav
SP-018-02	37x36x80	Zn	50 kos
SP-01802B	37x36x80	Zn	2/1 zav
SP-01803	37x36x100	Zn	50 kos
SP-01803B	37x36x100	Zn	2/1 zav
SP-01804	37x60x80	Zn	50 kos
SP-01804B	37x60x80	Zn	2/1 zav
SP-01805	37x60x100	Zn	50 kos
SP-01805B	37x60x100	Zn	2/1 zav
SP-01806	37x80x100	Zn	50 kos
SP-01806B	37x80x100	Zn	2/1 zav



Tečaj zakovičeni nesimetrični

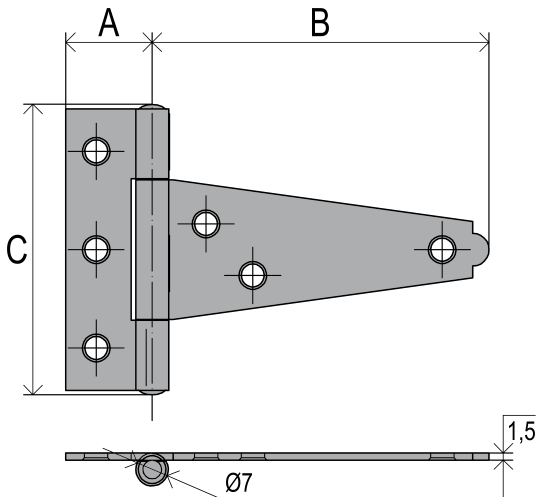
Koda	Dim.	Zašč.	Pakirano
SP-02001	80x150x50	Zn.Ru	10 kos
SP-02002	80x150x75	Zn.Ru	10 kos
SP-02003	80x106x156	Zn.Ru	10 kos
SP-02004	80x81x156	Zn.Ru	10 kos
SP-02005	80x56x106	Zn.Ru	10 kos
SP-02006	80x56x131	Zn.Ru	10 kos



T-tečaj



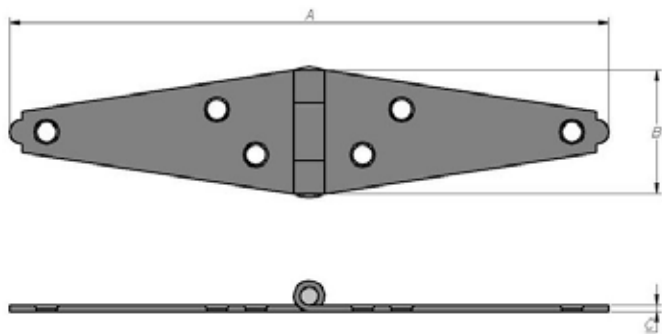
Koda	Dim. (CxAxB)	Zašč.	Pakirano
SP-02501	60x23x60	Zn	50 kos
SP-02502	60x23x60	Zn	50 kos
SP-02503	60x23x84	Zn	50 kos
SP-02503B	60x23x84	Zn	2/1 zav
SP-02504	70x25x109	Zn	50 kos
SP-02504B	70x25x109	Zn	2/1 zav
SP-02505	70x25x134	Zn	50 kos
SP-02505B	70x25x134	Zn	2/1 zav
SP-02506	90x38x180x2,5	Zn	20 kos
SP-02506B	90x38x180x2,5	Zn	2/1 zav
SP-02507	60x23x60	Čr	50 kos
SP-02507B	60x23x60	Čr	2/1 zav
SP-02508	60x23x84	Čr	50 kos
SP-02508B	60x23x84	Čr	2/1 zav
SP-02509	70x25x109	Čr	50 kos
SP-02509B	70x25x109	Čr	2/1 zav
SP-02510	70x25x134	Čr	50 kos
SP-02510B	70x25x134	Čr	2/1 zav
SP-02511	90x38x180x2,5	Čr	20 kos
SP-02511B	90x38x180x2,5	Čr	2/1 zav



Tečaj za zaboje



Koda	Dim.	Zašč.	Pakirano
SP-02601	146x30	Zn	50 kos
SP-02601B	146x30	Zn	2/1 zav
SP-02602	194x30	Zn	50 kos
SP-02602B	194x30	Zn	2/1 zav
SP-02603	244x34	Zn	50 kos
SP-02603B	244x34	Zn	2/1 zav
SP-02604	294x34	Zn	50 kos
SP-02604B	294x34	Zn	2/1 zav
SP-02605	190x42x2,5	Zn	20 kos
SP-02605B	190x42x2,5	Zn	2/1 zav
SP-02606	380x42x2,5	Zn	20 kos
SP-02606B	380x42x2,5	Zn	2/1 zav
SP-02607	146x30	Čr	50 kos
SP-02607B	146x30	Čr	2/1 zav
SP-02608	194x30	Čr	50 kos
SP-02608B	194x30	Čr	2/1 zav
SP-02609	244x34	Čr	50 kos
SP-02609B	244x34	Čr	2/1 zav
SP-02610	294x34	Čr	50 kos
SP-02610B	294x34	Čr	2/1 zav
SP-02611	190x42x2,5	Čr	20 kos
SP-02611B	190x42x2,5	Čr	2/1 zav
SP-02612	380x42x2,5	Čr	20 kos
SP-02612B	380x42x2,5	Čr	2/1 zav



Tečaj INOX



Koda	Dim.	Zašč.	Pakirano
SP-02701	25x25	Inox	50 kos
SP-02701B	25x25	Inox	2/1 zav
SP-02702	30x30	Inox	50 kos
SP-02702B	30x30	Inox	2/1 zav
SP-02703	40x40	Inox	50 kos
SP-02703B	40x40	Inox	2/1 zav
SP-02704	50x50	Inox	50 kos
SP-02704B	50x50	Inox	2/1 zav
SP-02705	60x60	Inox	50 kos
SP-02705B	60x60	Inox	2/1 zav
SP-02706	70x70	Inox	50 kos
SP-02706B	70x70	Inox	2/1 zav
SP-02707	80x80	Inox	50 kos
SP-02707B	80x80	Inox	2/1 zav
SP-02708	90x90	Inox	50 kos
SP-02708B	90x90	Inox	2/1 zav
SP-02709	100x100	Inox	50 kos
SP-02709B	100x100	Inox	2/1 zav

Tečaj INOX razstavljivi



Koda	Dim.	Zašč.	Pakirano
SP-02901	40x38L	Inox	50 kos
SP-02901B	40x38L	Inox	2/1 zav
SP-02902	40x38D	Inox	50 kos
SP-02902B	40x38D	Inox	2/1 zav

Tečaj INOX



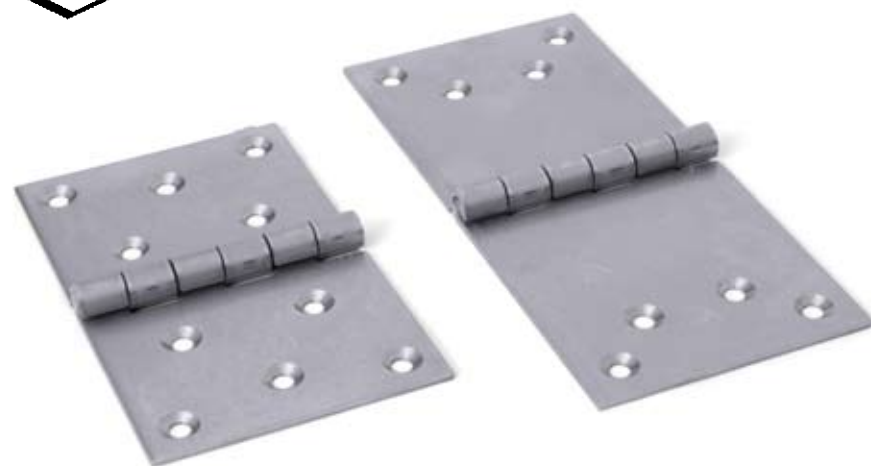
Koda	Dim.	Zašč.	Pakirano
SP-02801	50x35 R5	Inox	50 kos
SP-02801B	50x35 R5	Inox	2/1 zav
SP-02802	50x36	Inox	50 kos
SP-02802B	50x36	Inox	2/1 zav
SP-02803	60x40	Inox	50 kos
SP-02803B	60x40	Inox	2/1 zav
SP-02804	80x50	Inox	50 kos
SP-02804B	80x50	Inox	2/1 zav
SP-02805	25x50x18	Inox	50 kos
SP-02805B	25x50x18	Inox	2/1 zav
SP-02806	30x60x19	Inox	50 kos
SP-02806B	30x60x19	Inox	2/1 zav
SP-02807	40x80x25	Inox	50 kos
SP-02807B	40x80x25	Inox	2/1 zav

Tečaj INOX

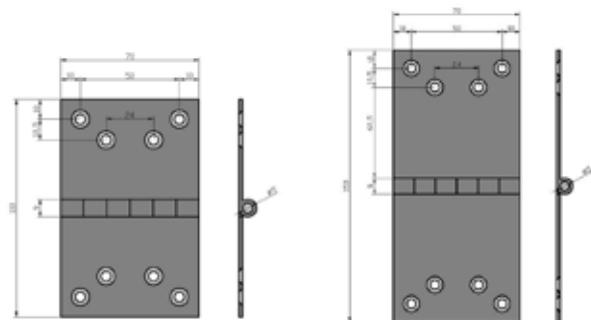


Koda	Dim.	Zašč.	Pakirano
SP-03001	40x42x1,5	Inox	50 kos
SP-03001B	40x42x1,5	Inox	2/1 zav
SP-03002	40x55x1,5	Inox	50 kos
SP-03002B	40x55x1,5	Inox	2/1 zav
SP-03003	40x70x1,5	Inox	50 kos
SP-03003B	40x70x1,5	Inox	2/1 zav

Tečaj INOX



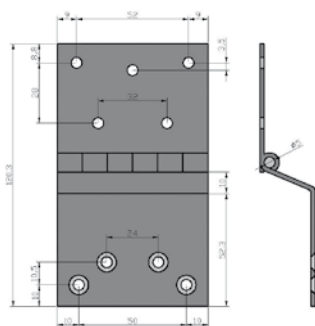
Koda	Dim.	Zašč.	Pakirano
SP-03101	70x110x2	Inox	50 kos
SP-03101B	70x110x2	Inox	2/1 zav
SP-03102	70x150x2	Inox	50 kos
SP-03102B	70x150x2	Inox	2/1 zav
SP-03103	70x55x75	Inox	50 kos



Tečaj INOX kotni



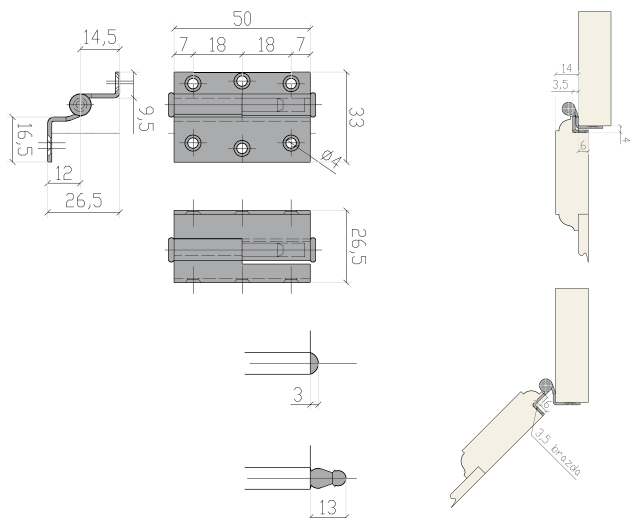
Koda	Dim.	Zašč.	Pakirano
SP-03201	70x55x20/50	Inox	50 kos



Tečaj razstavljivi



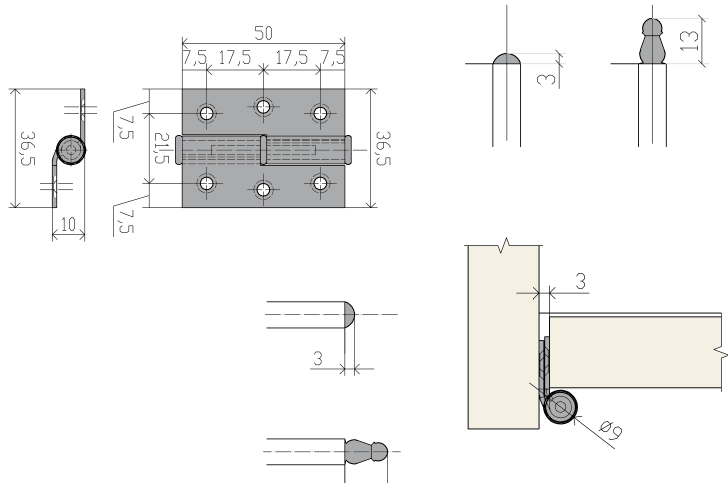
Koda	Dim.	Zašč.	Pakirano
SP-03301	za brazdna vrata	Pat.Cu	50 kos
SP-033-1B	za brazdna vrata	Pat.Cu	2/1 zav
SP-03302	za brazdna vrata	Pat.Cu	50 kos
SP-03302B	za brazdna vrata	Pat.Cu	2/1 zav



Tečaj razstavljivi - koleno



Koda	Dim.	Zašč.	Pakirano
SP-03401	koleno 50x36,5	Pat.Cu	50 kos
SP-03402	koleno 50x36,5	Pat.Cu	50 kos
SP-03403	50x36,5L ravna kapa	Pat.Cu	50 kos
SP-03404	50x36,5D ravna kapa	Pat.Cu	50 kos
SP-03405	50x36,5L lečasta kapa	Pat.Cu	50 kos
SP-034-6	50x36,5D lečasta kapa	Pat.Cu	50 kos
SP-03407	50x36,5L okrasna kapa	Pat.Cu	50 kos
SP-03408	50x36,5D okrasna kapa	Pat.Cu	50 kos

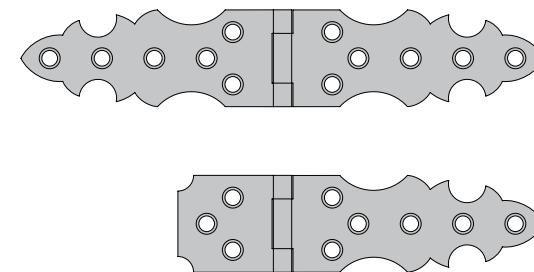


Tečaj nevidni



Koda	Dim.	Zašč.	Pakirano
SP-04101	fi5	Ms	10 kos
SP-04101B	fi5	Ms	2/1 zav
SP-04102	fi10	Ms	10 kos
SP-04102B	fi10	Ms	2/1 zav
SP-04103	fi14	Ms	10 kos
SP-04103B	fi14	Ms	2/1 zav

Tečaj sklepni, dekorativni

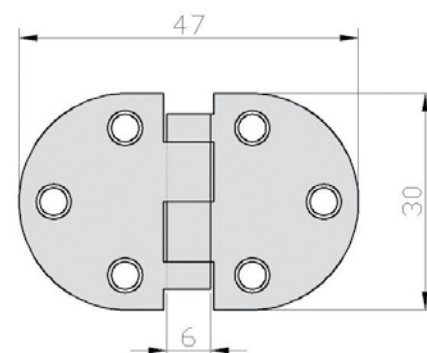


Koda	Dim.	Zašč.	Pakirano
SP-04301	37x36x60	Zn	50 kos
SP-04301B	37x36x60	Zn	2/1 zav
SP-04302	37x36x80	Zn	50 kos
SP-04302B	37x36x80	Zn	2/1 zav
SP-04303	37x36x100	Zn	50 kos
SP-04303B	37x36x100	Zn	2/1 zav
SP-04304	37x60x80	Zn	50 kos
SP-04304B	37x60x80	Zn	2/1 zav
SP-04305	37x60x100	Zn	50 kos
SP-04305B	37x60x100	Zn	2/1 zav
SP-04306	37x80x100	Zn	50 kos
SP-04306B	37x80x100	Zn	2/1 zav

Tečaj iz medenine



Koda	Dim.	Zašč.	Pakirano
SP-04201	30x47	Ms	50 kos
SP-04201B	30x47	Ms	2/1 zav



Nihajna spona



Koda	Dim.	Zašč.	Pakirano
SP-04401	29x75	Zn	1 kos
SP-04402	30x100	Zn	1 kos
SP-04403	33x125	Zn	1 kos
SP-04404	36x150	Zn	1 kos

