



Lerou

ARCHITECTURAL
HARDWARE



General information

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Brass door lift-off hinges

					
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Cabinet lift-off hinges

						
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Special hinges

						
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Brass mortise hinge

					
8 + 10 mm roll-Ø			80 - 120 mm	up to 14 kg	page 47
12 mm roll-Ø			80 - 120 mm	up to 25 kg	page 49
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Stainless steel hinges

					
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Stainless steel hinges	cranking D13	16 mm roll-Ø	100 - 160 mm	bis 100 kg	page 60

KS-Hinges

				
KS-Hinges				page 6

The delivery of our products takes place over the building hardware specialized trade under consideration of our trading conditions.

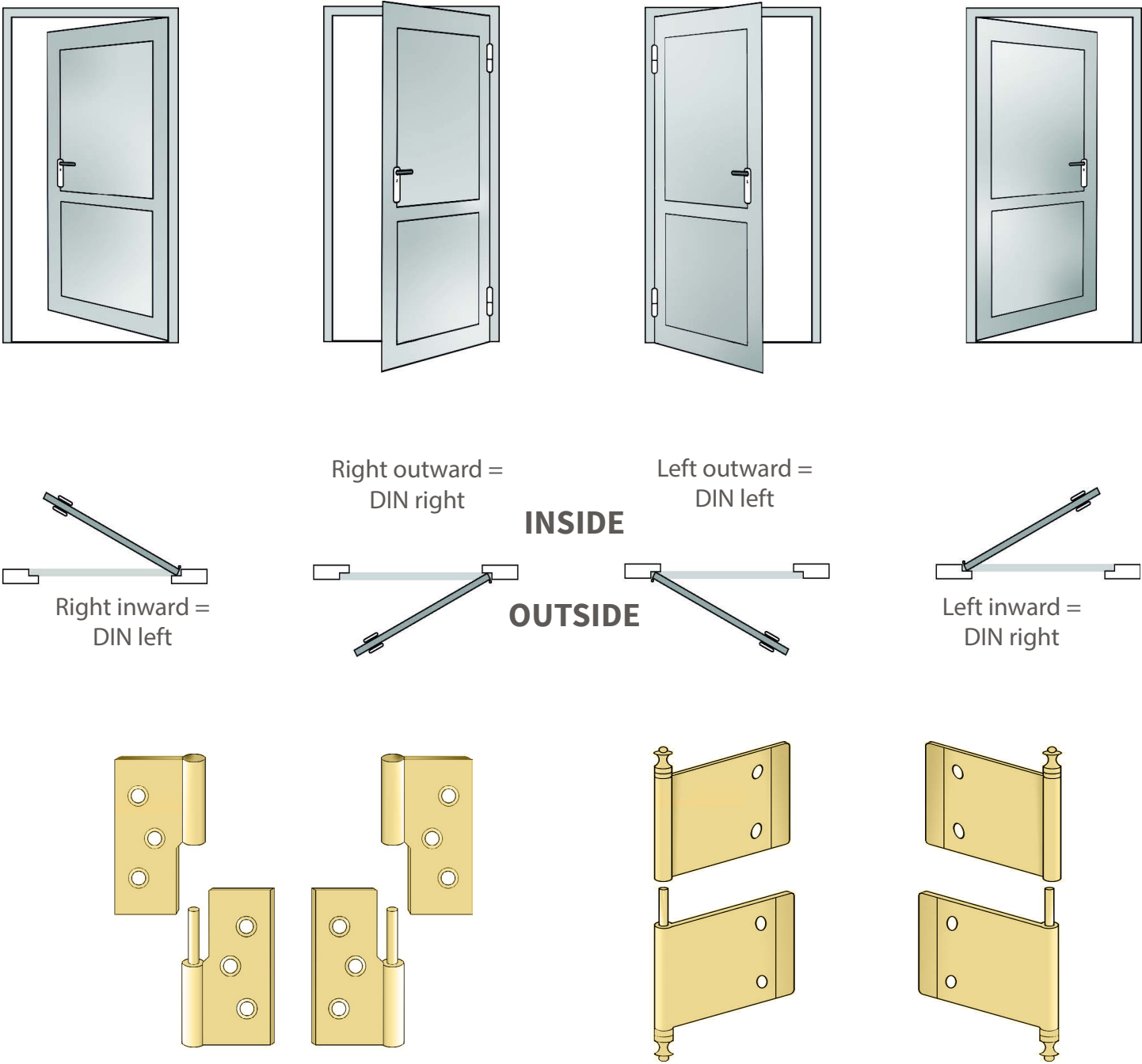
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Right- or left-hand hinge?



All hinges are available with rounded corners.			
Cabinet lift-off hinges, straight	with 4 rounded corners	→	radius 5 mm
Door lift-off hinges, straight	with 4 rounded corners	→	radius 10 mm
	also with 6 rounded corners	→	radius 10 mm
Door lift-off hinges with KD 13	with 4 rounded corners	→	radius 10 mm

Door lift-off hinges are available with aperture for oil and securing pin.

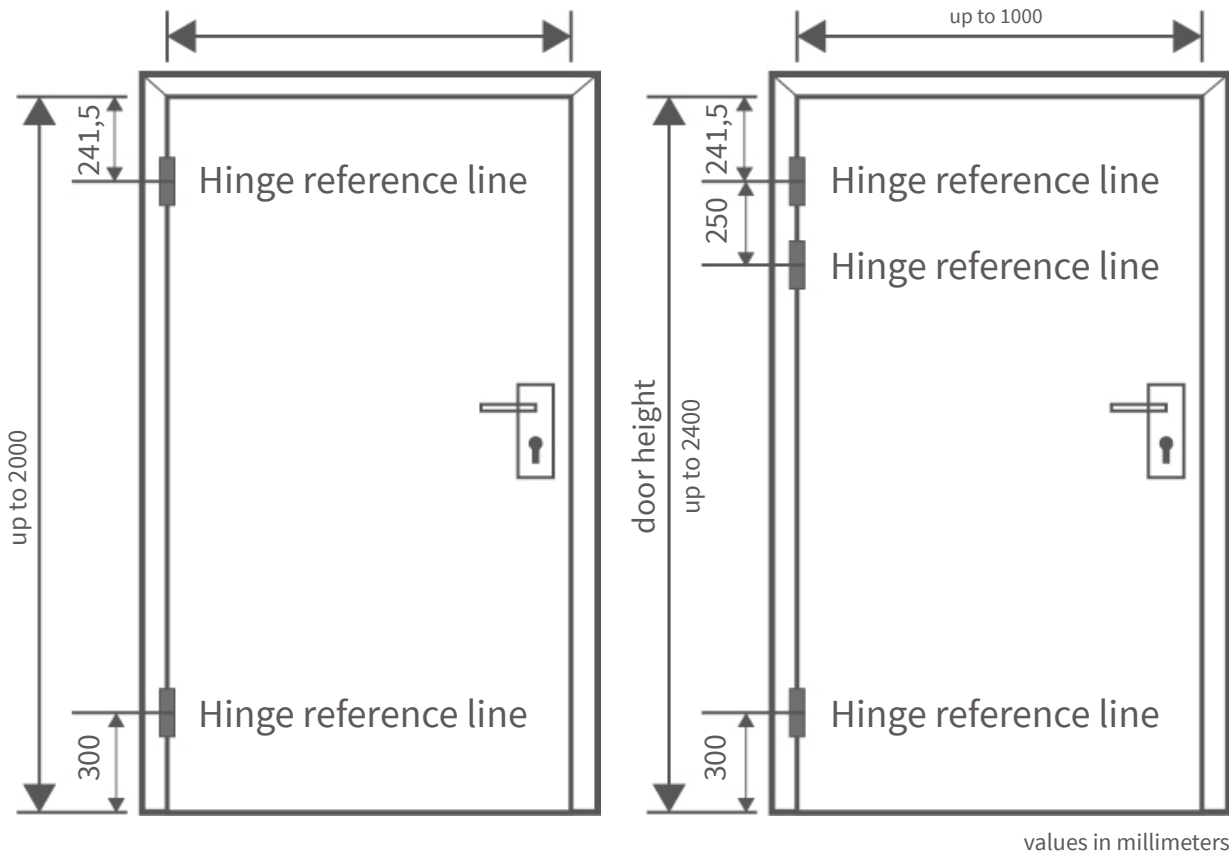
Rabbet and assembly instructions

For a door with a 3rd hinge, it is not installed in the middle, but approximately 250 mm below the upper hinge. This increases the load capacity. The door bumpers are mounted as far from the hinge pivot as possible, so leverage forces on the hinges do not damage the doors.

Recommended hinge position for wide and heavy doors

Because of the length of the hinge for wide and heavy doors, the distance between the two upper hinges must be increased accordingly.

Hinge position for doors recording to DIN 18101



Hinge reference lines

The band reference line is a theoretical line in a door hinge. It allows an accurate determination of the tape ownership in its altitude in the frame and the door leaf. The ribbon reference line guarantees precise assembly.

In DIN 18101 the band seat and in DIN 18268 the band reference line for the different types of door hinges is decided.

Maintenance

To protect against corrosion, the ball bearings and axle pin of the door fittings are slightly oiled. Before mounting, the axle pin should be sufficiently lubricated with oil or bearing grease. Depending on the load, it is necessary to relubricate, so that a long service life as well as an always lighter and noiseless belt run can be achieved.



01 | brass polished

02 | brass matt
blasted/brushed03 | nickel-plated matt
blasted/brushed04 | nickel-plated
polished

05 | antique



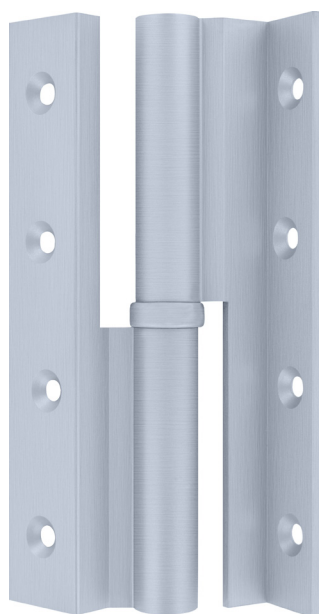
06 | burnished



07 | tin-plated



08 | gold-plated

09 | chromium-plated
polished10 | chromium-plated
matt
blasted/brushed

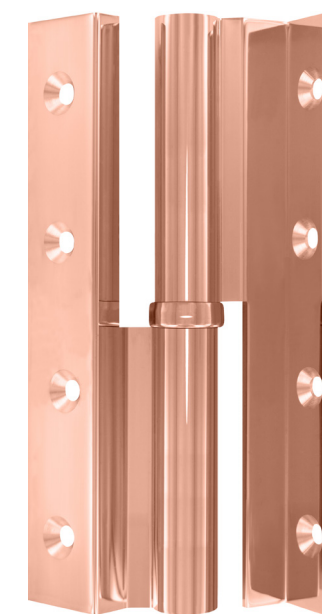
11 | black



12 | white



13 | tin 2.0

14 | nickel dark
polished15 | nickel dark
matt
blasted/brushed

16 | copper

All hinges can also be individually produced in two colours on request.
Other combinations than shown are possible.
Bi-Color can also be manufactured in the colours of your door handle set.



black - brass polished



stainless steel finish -
chromium-plated polished



tin 2.0 -
nickel-plated polished



nickel dark polished -
gold-plated



All Brass door lift-off hinges can be delivered with these final tips:



Nr.1 cylindrical



Nr.2 ZK 9a
12 Ø + 15 Ø + 16 Ø



Nr.3 ZK 19
10 Ø + 12 Ø + 15 Ø + 16 Ø



Nr.4 ZK 9
15 Ø + 16 Ø



Nr.5 ZK A
15 Ø



Nr.6 ZK B
15 Ø + 16 Ø



Nr.7 ZK 7
18 Ø



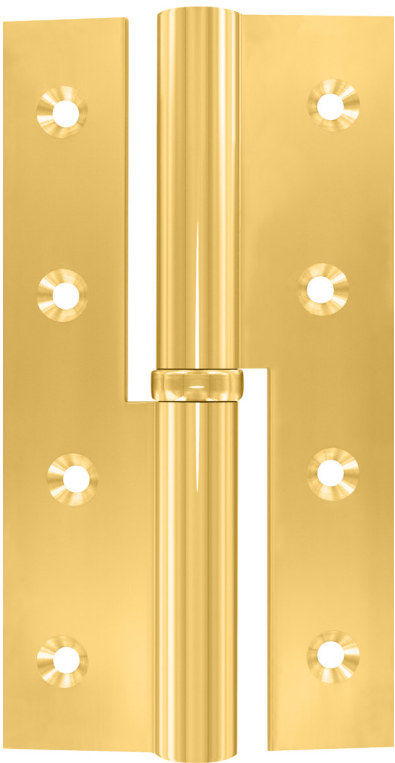
Nr.8 ZK E
15 Ø + 16 Ø



Nr.9 ZK D
12 Ø + 15 Ø

All hinges are also available with an extractor pin.
Other final tips are available on request.





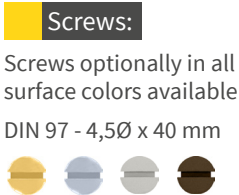
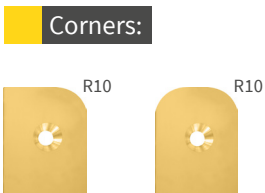
Brass door lift-off hinge
straight for blunt doors

15 mm roll-Ø
30 mm leaf width
3,0 mm leaf thickness

Consisted of brass profile material
· milled and drilled
· with steel pin and ball bearing

Available final tips
Nr. 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9

It is also available in all RAL colors and in PVD coating and with rounded corners (radius 10 mm)

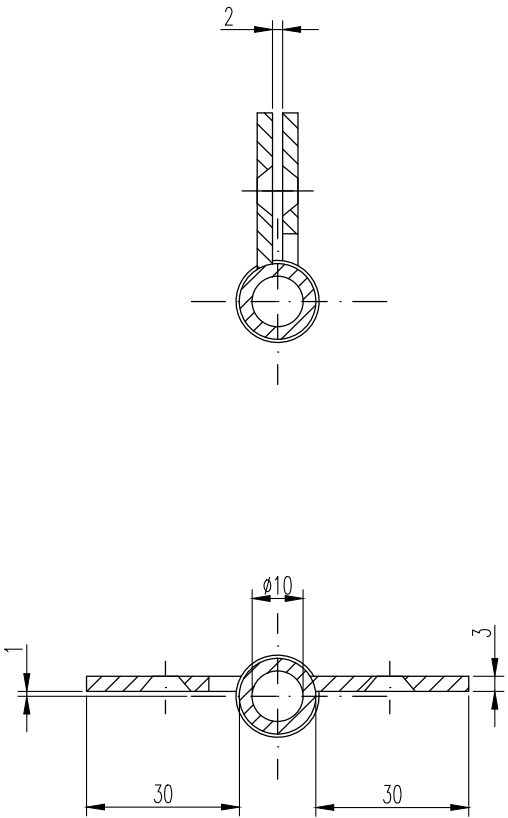
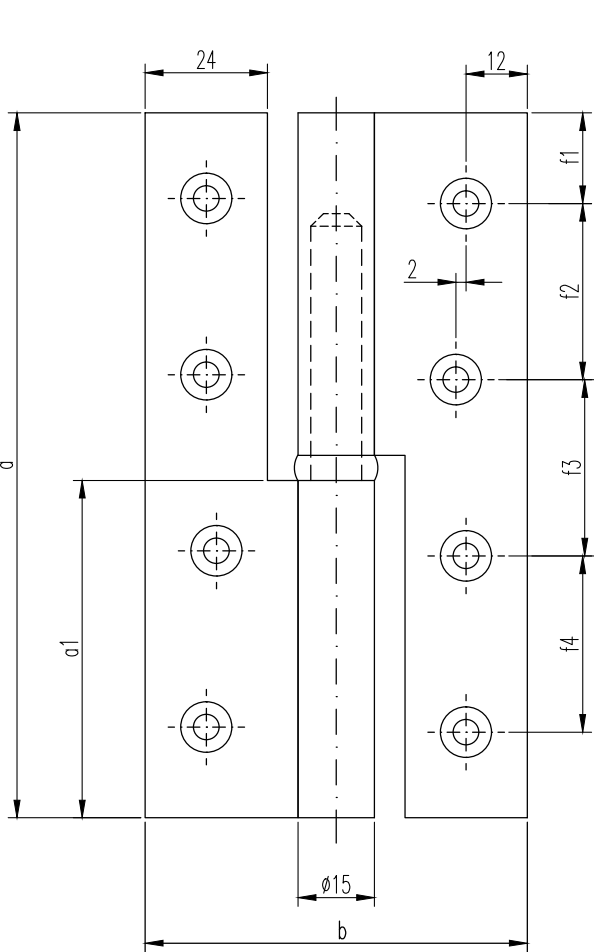


Final tip:



Article number

2					
Version:	Lengths:	Surfaces:	Final tip:	DIN Version:	Corners:
15 mm Ø 30 mm leaf width 3 mm leaf thickness	1. 80 mm 2. 90 mm 3. 100 mm 8. 120 mm 4. 140 mm 5. 160 mm	01. Brass polished 02. Brass matt blasted or brushed 03. nickel-plated matt blasted or brushed 04. nickel-plated polished 05. antique 06. burnished 07. tin-plated 08. gold-plated 09. chromium-plated polished 10. chromium-plated matt blasted or brushed 11. black 12. white 13. tin 2.0 14. nickel dark polished 15. nickel dark matt blasted or brushed 16. copper	1. cylindrical 2. ZK 9a 3. ZK 19 4. ZK 9 5. ZK A 6. ZK B 8. ZK E 9. ZK D	6. right 7. left	0. angular 4. four rounded corners 6. six rounded corners



Values in millimeters

capacity	with two hinges	30 kg	30 kg	30 kg	40 kg	50 kg	60 kg
	with three hinges	50 kg	50 kg	50 kg	60 kg	70 kg	80 kg
hinge length	a	80	90	100	120	140	160
flap	a1	37	42	47	57	67	77
opened width	b	75	75	75	75	75	75
roll-Ø		15	15	15	15	15	15
pin-Ø		10	10	10	10	10	10
leaf width from roll		30	30	30	30	30	30
ridge width		24	24	24	24	24	24
leaf thickness		3	3	3	3	3	3
number of screw holes		6	6	6	8	8	8
for countersunk wood screws by DIN 97 Ø		4,5	4,5	4,5	4,5	4,5	4,5
	f1	12	12	11,5	15	17,5	17,5
	f2	28	31	38,5	30	35	41
	f3	28	31	38,5	30	35	43
	f4	-	-	-	30	35	41



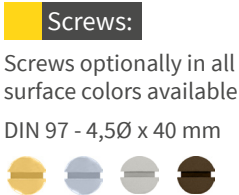
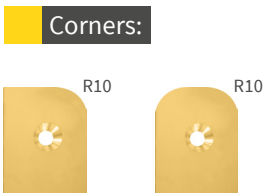
Brass door lift-off hinge
straight for blunt doors

16 mm roll-Ø
35 mm leaf width
3,5 mm leaf thickness

- Consisted of brass profile material
- milled and drilled
 - with steel pin and ball bearing
 - with extraction pin available

Available final tips
Nr. 1 | 2 | 3 | 4 | 6 | 8

It is also available in all RAL colors and in PVD coating and with rounded corners (radius 10 mm)

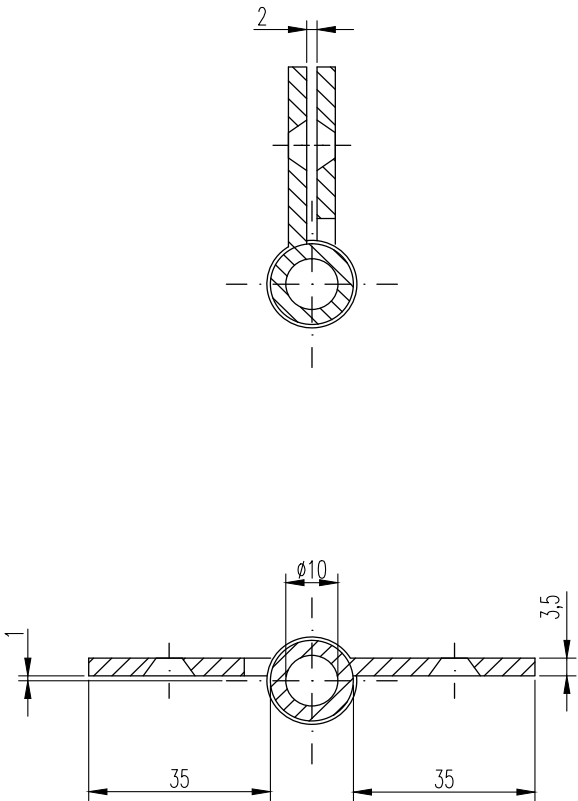
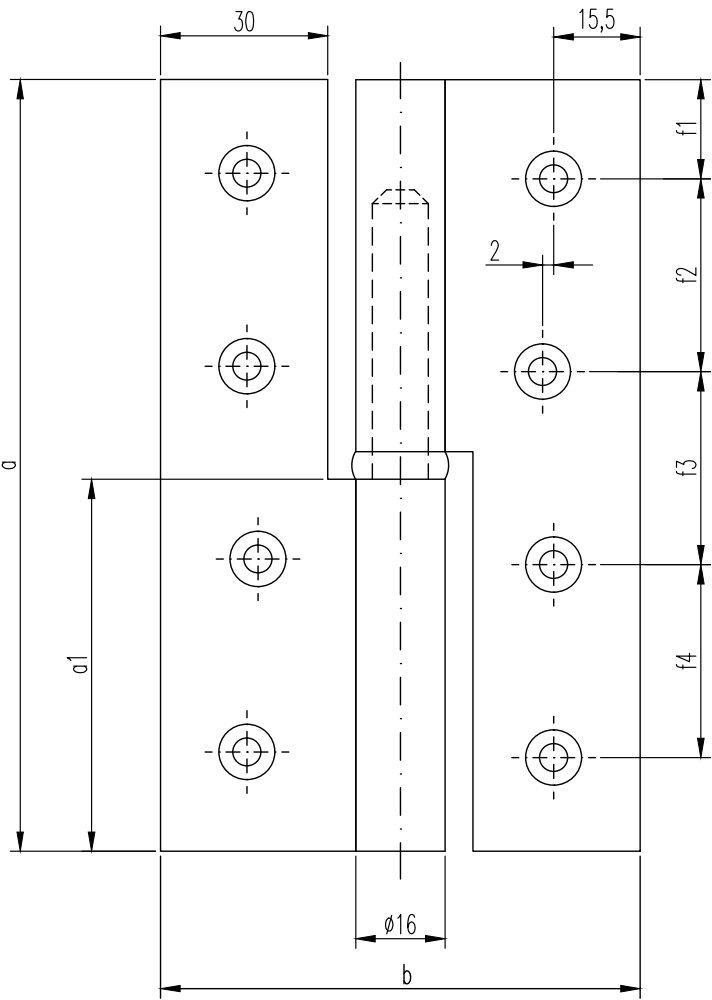


Final tip:



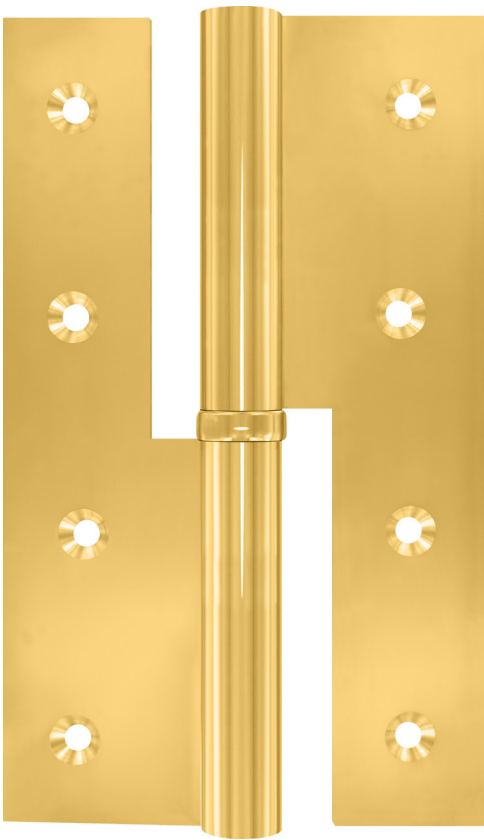
Article number

5					
Version:	Lengths:	Surfaces:	Final tip:	DIN Version:	Corners:
16 mm Ø 35 mm leaf width 3,5 mm leaf thickness	3. 100 mm 8. 120 mm 4. 140 mm 5. 160 mm 6. 180 mm 7. 200 mm	01. Brass polished 02. Brass matt blasted or brushed 03. nickel-plated matt blasted or brushed 04. nickel-plated polished 05. antique 06. burnished 07. tin-plated 08. gold-plated 09. chromium-plated polished 10. chromium-plated matt blasted or brushed 11. black 12. white 13. tin 2.0 14. nickel dark polished 15. nickel dark matt blasted or brushed 16. copper	1. cylindrical 2. ZK 9a 3. ZK 19 4. ZK 9 6. ZK B 8. ZK E	6. right 7. left	0. angular 4. four rounded corners 6. six rounded corners



Values in millimeters

capacity	with two hinges	40 kg	50 kg	60 kg	70 kg	80 kg	90 kg
	with three hinges	60 kg	70 kg	80 kg	90 kg	110kg	140kg
hinge length	a	100	120	140	160	180	200
flap	a1	47	57	67	77	87	97
opened width	b	86	86	86	86	86	86
roll-Ø		16	16	16	16	16	16
pin-Ø		10	10	10	10	10	10
leaf width from roll		35	35	35	35	35	35
ridge width		30	30	30	30	30	30
leaf thickness		3,5	3,5	3,5	3,5	3,5	3,5
number of screw holes		6	8	8	8	10	10
for countersunk wood screws by DIN 97 Ø		4,5	4,5	4,5	4,5	4,5	4,5
f1	11,5	15	17,5	17,5	19	25	
f2	38,5	30	35	41	35	40	
f3	38,5	30	35	43	36	35	
f4	-	30	35	41	36	35	
f5	-	-	-	-	35	40	



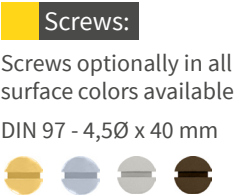
Brass door lift-off hing
straight for blunt doors

16 mm roll-Ø
40 mm leaf width
3,5 mm leaf thickness

- Consisted of brass profile material
- milled and drilled
 - with steel pin and ball bearing
 - with extraction pin available

Available final tips
Nr. 1 | 2 | 3 | 4 | 6 | 8

It is also available in all RAL colors and in PVD coating and with rounded corners (radius 10 mm)

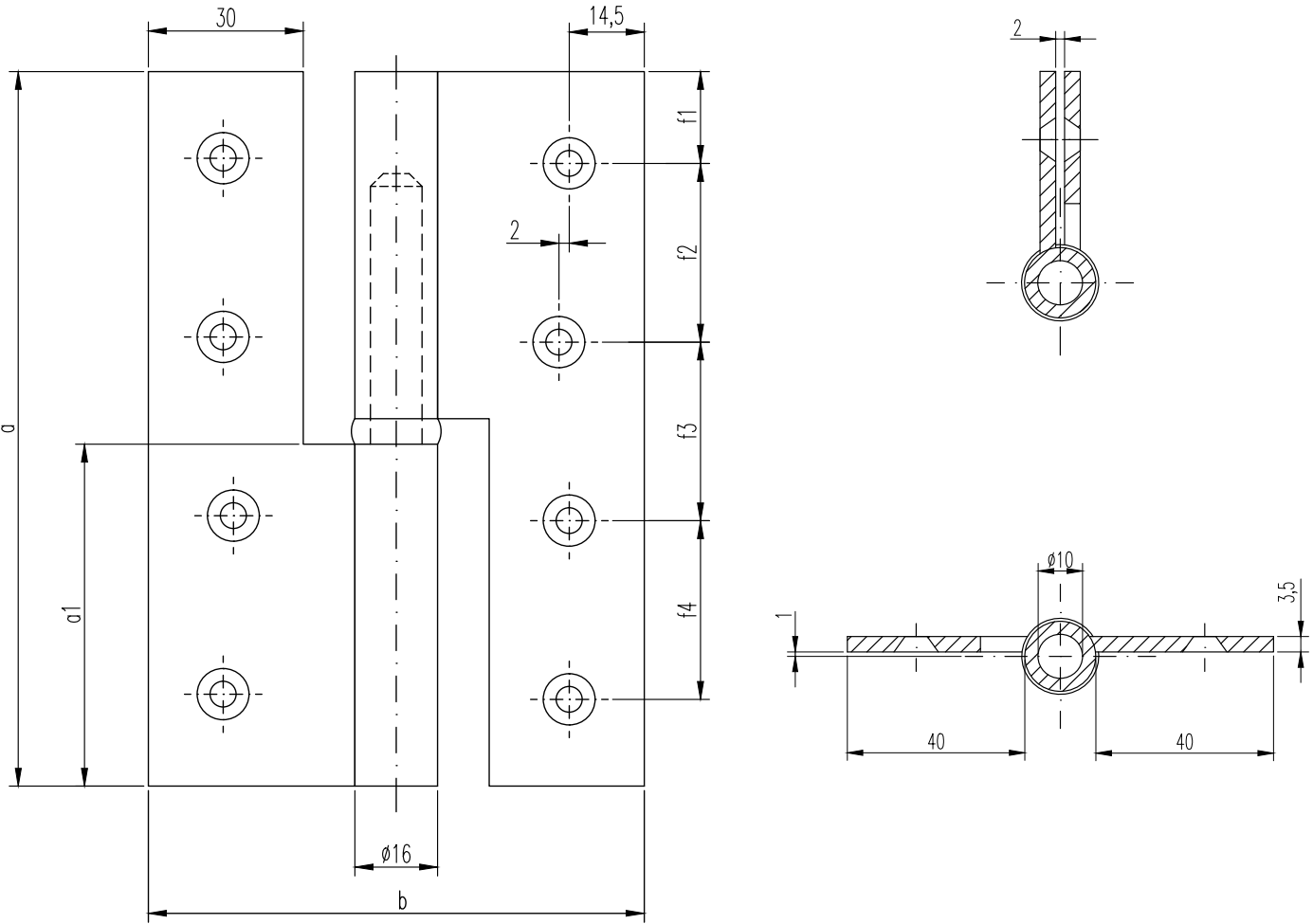


Final tip:



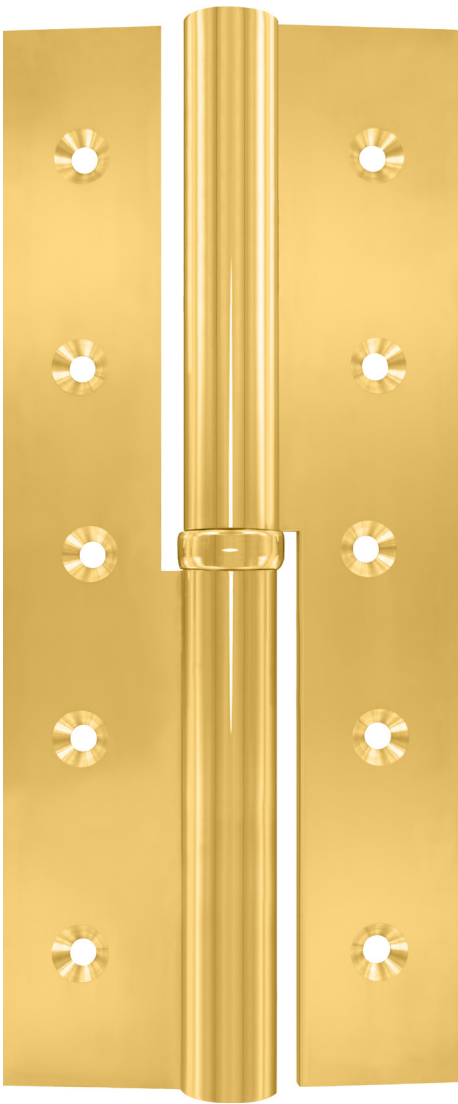
Article number

54					
Version:	Lengths:	Surfaces:	Final tip:	DIN Version:	Corners:
16 mm Ø 40 mm leaf width 3,5 mm leaf thickness	4. 140 mm 5. 160 mm 6. 180 mm 7. 200 mm	01. Brass polished 02. Brass matt blasted or brushed 03. nickel-plated matt blasted or brushed 04. nickel-plated polished 05. antique 06. burnished 07. tin-plated 08. gold-plated 09. chromium-plated polished 10. chromium-plated matt blasted or brushed 11. black 12. white 13. tin 2.0 14. nickel dark polished 15. nickel dark matt blasted or brushed 16. copper	1. cylindrical 2. ZK 9a 3. ZK 19 4. ZK 9 6. ZK B 8. ZK E	6. right 7. left	0. angular 4. four rounded corners 6. six rounded corners



Values in millimeters

capacity	with two hinges	60 kg	70 kg	80 kg	90 kg
	with three hinges	80 kg	90 kg	110 kg	140 kg
hinge length	a	140	160	180	200
flap	a1	67	77	87	97
opened width	b	96	96	96	96
roll-Ø		16	16	16	16
pin-Ø		10	10	10	10
leaf width from roll		40	40	40	40
ridge width		30	30	30	30
leaf thickness		3,5	3,5	3,5	3,5
number of screw holes		8	8	10	10
for countersunk wood screws by DIN 97 Ø		4,5	4,5	4,5	4,5
	f1	17,5	17,5	19	25
	f2	35	41	35	40
	f3	35	43	36	35
	f4	35	41	36	35
	f5	-	-	35	40



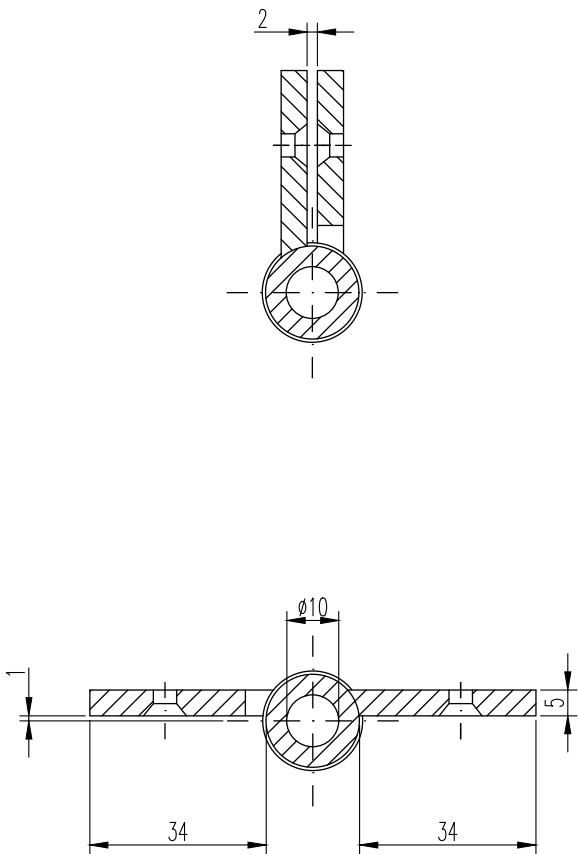
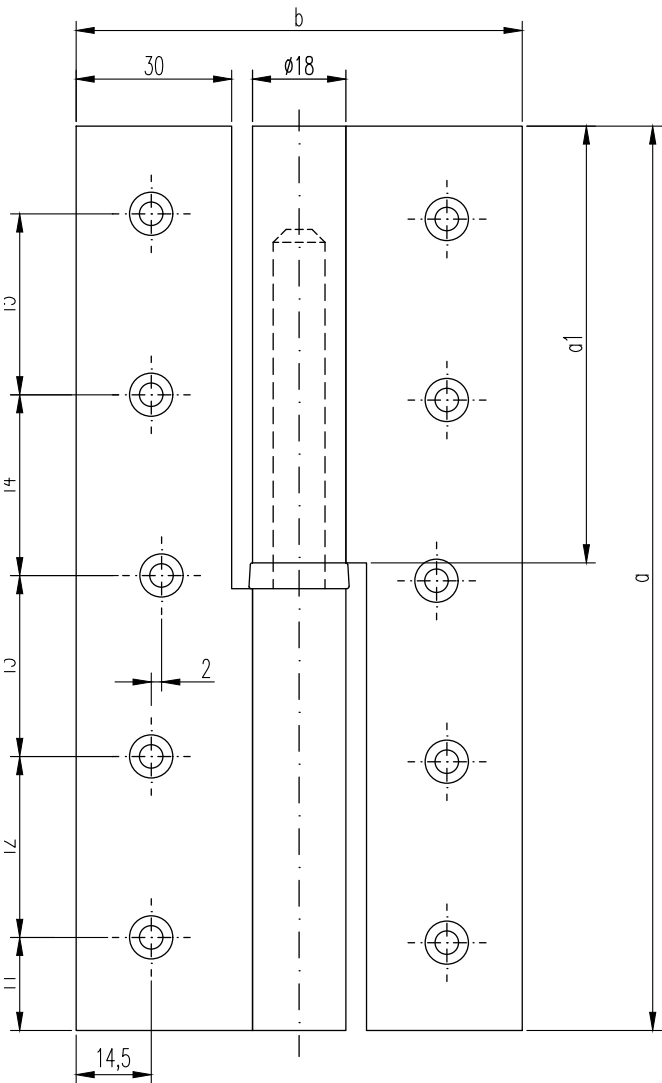
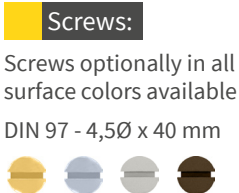
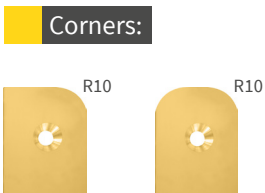
Brass door lift-off hinge
straight for blunt doors

18 mm roll-Ø
34 mm leaf width
5,0 mm leaf thickness

Consisted of brass profile material
· milled and drilled
· with steel pin and ball bearing

Available final tips
Nr. 1 | 7

It is also available in all RAL colors and in PVD coating and with rounded corners (radius 10 mm)



Article number

18

Version:

18 mm Ø
34 mm leaf width
5 mm leaf thickness

Lengths:

4. 140 mm
5. 160 mm
6. 180 mm
7. 200 mm

Surfaces:

01. Brass polished
02. Brass matt
 blasted or brushed
03. nickel-plated matt
 blasted or brushed
04. nickel-plated polished
05. antique
06. burnished
07. tin-plated
08. gold-plated
09. chromium-plated polished
10. chromium-plated matt
 blasted or brushed
11. black
12. white
13. tin 2.0
14. nickel dark polished
15. nickel dark matt
 blasted or brushed
16. copper

Final tip:

1. cylindrical
7. ZK 7

different final tips upon
request available

DIN Version:

6. right
7. left

Corners:

0. angular
4. four rounded corners
6. six rounded corners

Values in millimeters

capacity	with two hinges	80 kg	100 kg	130 kg	150 kg
	with three hinges	110 kg	130 kg	160 kg	200 kg
hinge length	a	140	160	180	200
flap	a1	67	77	87	97
opened width	b	86	86	86	86
roll-Ø		18	18	18	18
pin-Ø		11	11	11	11
leaf width from roll		34	34	34	34
ridge width		30	30	30	30
leaf thickness		5	5	5	5
number of screw holes		8	8	10	10
for countersunk wood screws by DIN 97 Ø		4,5	4,5	4,5	4,5
f1	17,5	17,5	19	25	
f2	35	41	35	40	
f3	35	43	36	35	
f4	35	41	36	35	
f5	-	-	35	40	



Door butt hinge 400-91
15 Ø 30,0 mm leaf width



15 mm roll-Ø
30,0 mm leaf width
3,0 mm leaf thickness

16 mm roll-Ø
35,0 mm bis 40,0 mm leaf width
3,5 mm leaf thickness

Consisted of brass profile material
· milled and drilled
· with ball bearing

Available final tips
Nr. 2 | 3 | 4 | 5 | 6 | 8 | 9

Available with PVD-coating and rounded corners
(radius 10 mm)

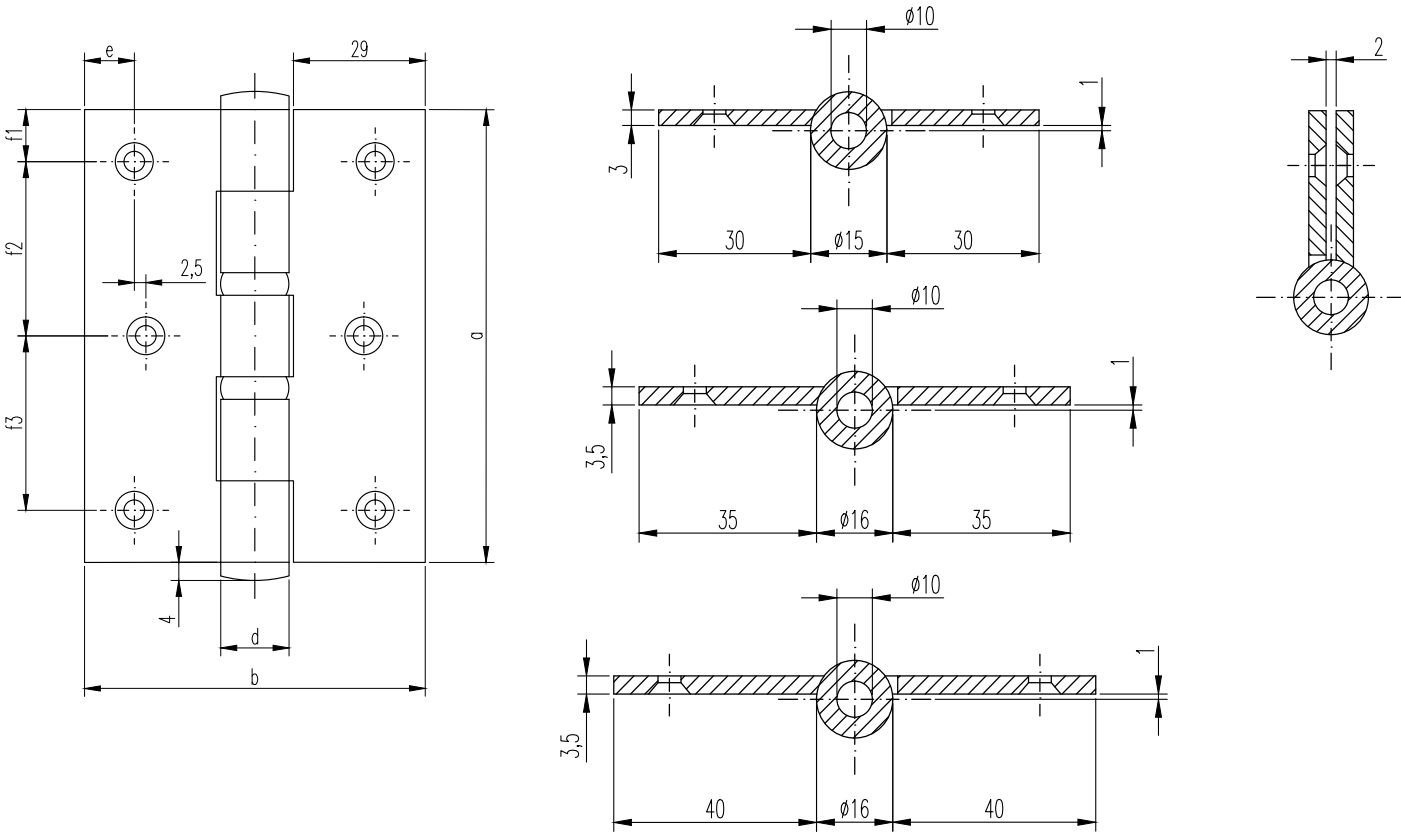
Corners:



Screws:

Screws optionally in all
surface colors available

DIN 97 - 4,5Ø x 40 mm



Final tip:



Article number

Version:	Surfaces:	Final tip:	Corners:
23. 100 mm, 30 mm leaf width, 3,0 mm leaf thickness ,15 Ø 28. 120 mm, 30 mm leaf width, 3,0 mm leaf thickness, 15 Ø 13. 100 mm, 35 mm leaf width, 3,5 mm leaf thickness, 16 Ø 18. 120 mm, 35 mm leaf width, 3,5 mm leaf thickness, 16 Ø 93. 100 mm, 40 mm leaf width, 3,5 mm leaf thickness, 16 Ø 98. 120 mm, 40 mm leaf width, 3,5 mm leaf thickness, 16 Ø	01. Brass polished 02. Brass matt blasted or brushed 03. nickel-plated matt blasted or brushed 04. nickel-plated polished 05. antique 06. burnished 07. tin-plated 08. gold-plated 09. chromium-plated polished 10. chromium-plated matt blasted or brushed 13. tin 2.0 14. nickel dark polished 15. nickel dark matt blasted or brushed 16. copper	2. ZK 9a 3. ZK 19 4. ZK 9 6. ZK B 8. ZK E Zusätzlich bei 15 Ø 5. ZK A 9. ZK D	0. angular 4. four rounded corners

Values in millimeters

capacity	40 kg	50 kg	55 kg	60 kg	65 kg	70 kg
size a x b	100 x 75	120 x 75	100 x 86	120 x 86	100 x 96	120 x 96
d	15	15	16	16	16	16
e	11	11	15,5	15,5	15,5	15,5
number of holes	6	8	8	8	8	8
for countersunk wood screws						
by DIN 97	4,5	4,5	4,5	4,5	4,5	4,5
f1	11,5	14,5	11,5	14,5	11,5	14,5
f2	38,5	30	38,5	30	38,5	30
f3	38,5	30	38,5	30	38,5	30
f4	-	30	-	30	-	30



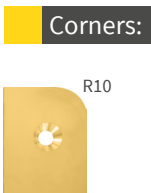
Brass door lift-off hinge
cranking D13
for rebated doors

15 mm roll-Ø
3,0 mm leaf thickness

Consisted of brass profile material
· milled and drilled
· with steel pin and ball bearing

Available final tips
Nr. 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9

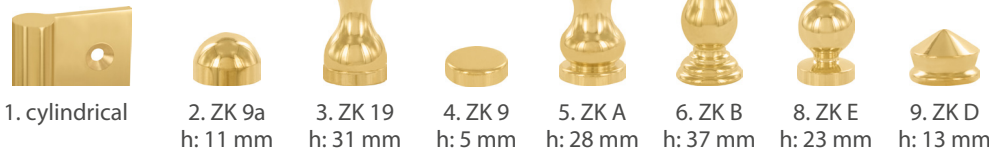
It is also available in all RAL colors and in PVD coating and with rounded corners (radius 10 mm)



Screws:
Screws optionally in all surface colors available
DIN 97 - 4,5Ø x 40 mm

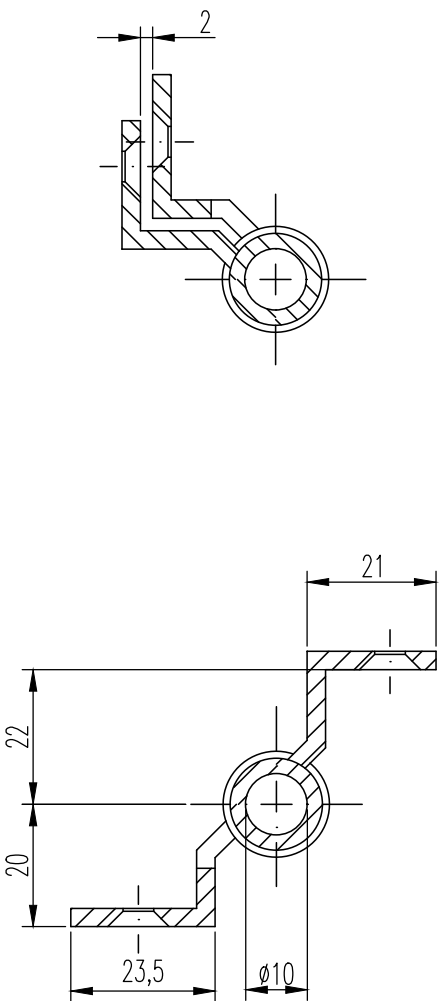
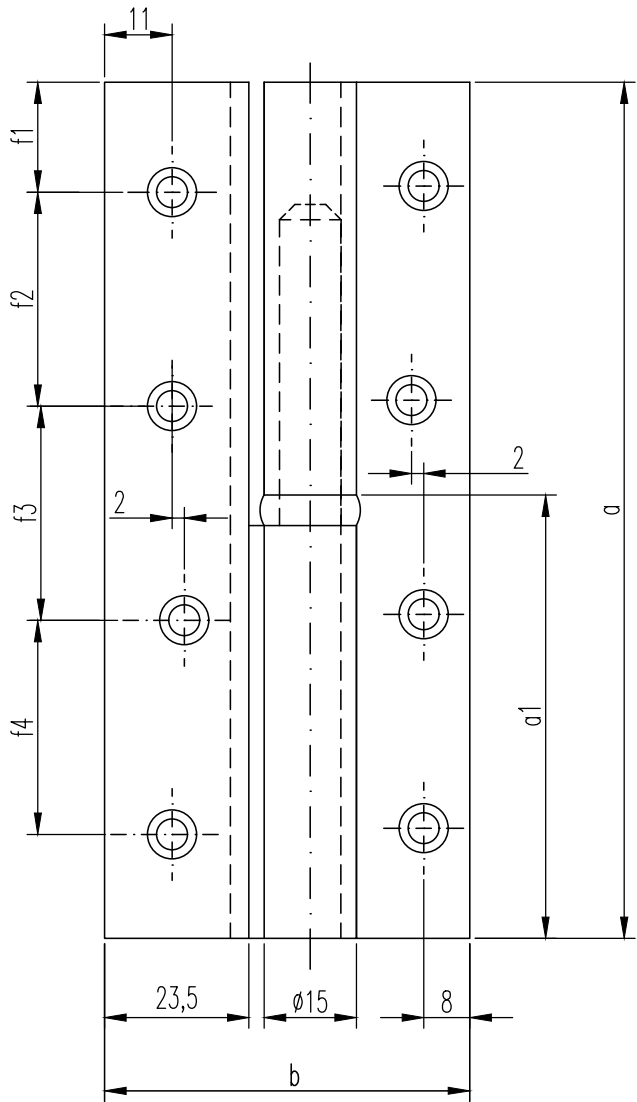


Final tip:



Article number

3					
Version:	Lengths:	Surfaces:	Final tip:	DIN Version:	Corners:
15 mm Ø 3 mm leaf thickness	3. 100 mm 8. 120 mm 4. 140 mm 5. 160 mm	01. Brass polished 02. Brass matt blasted or brushed 03. nickel-plated matt blasted or brushed 04. nickel-plated polished 05. antique 06. burnished 07. tin-plated 08. gold-plated 09. chromium-plated polished 10. chromium-plated matt blasted or brushed 11. black 12. white 13. tin 2.0 14. nickel dark polished 15. nickel dark matt blasted or brushed 16. copper	1. cylindrical 2. ZK 9a 3. ZK 19 4. ZK 9 5. ZK A 6. ZK B 8. ZK E 9. ZK D	6. right 7. left	0. angular 4. four rounded corners



Values in millimeters

capacity	with two hinges	30 kg	40 kg	50 kg	60 kg
	with three hinges	50 kg	60 kg	70 kg	80 kg
hinge length	a	100	120	140	160
flap	a1	47	57	67	77
opened width	b	60,5	60,5	60,5	60,5
roll-Ø		15	15	15	15
pin-Ø		10	10	10	10
leaf width / flap		23,5	23,5	23,5	23,5
outer post for door leaf width		21	21	21	21
leaf thickness		3	3	3	3
number of screw holes		6	8	8	8
for countersunk wood screws by DIN 97 Ø		4,5	4,5	4,5	4,5
f1	11,5	15	17,5	17,5	
f2	38,5	30	35	41	
f3	38,5	30	35	43	
f4	-	30	35	41	



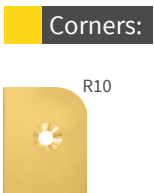
Brass door lift-off hinge
cranking D13
for rebated doors

16 mm roll-Ø
3,5 mm leaf thickness

- Consisted of brass profile material
- milled and drilled
 - with steel pin and ball bearing
 - with extraction pin available

Available final tips
Nr. 1 | 2 | 3 | 4 | 6 | 8

It is also available in all RAL colors and in PVD coating and with rounded corners (radius 10 mm)



Screws:

Screws optionally in all surface colors available

DIN 97 - 4,5Ø x 40 mm

Final tip:

1. cylindrical

2. ZK 9a
h: 11 mm

3. ZK 19
h: 31 mm

4. ZK 9
h: 5 mm

6. ZK B
h: 37 mm

8. ZK E
h: 23 mm

Article number

6

Version:

16 mm Ø
3,5 mm leaf thickness

Lengths:

3. 100 mm
8. 120 mm
4. 140 mm
5. 160 mm
6. 180 mm
7. 200 mm

Surfaces:

01. Brass polished
02. Brass matt
 blasted or brushed
03. nickel-plated matt
 blasted or brushed
04. nickel-plated polished
05. antique
06. burnished
07. tin-plated
08. gold-plated
09. chromium-plated polished
10. chromium-plated matt
 blasted or brushed
11. black
12. white
13. tin 2.0
14. nickel dark polished
15. nickel dark matt
 blasted or brushed
16. copper

Final tip:

1. cylindrical
2. ZK 9a
3. ZK 19
4. ZK 9
6. ZK B
8. ZK E

DIN Version:

6. right
7. left

Corners:

0. angular
4. four rounded corners

Values in millimeters

capacity	with two hinges	40 kg	50 kg	60 kg	70 kg	80 kg	90 kg
	with three hinges	60 kg	70 kg	80 kg	90 kg	110 kg	140 kg
hinge length	a	100	120	140	160	180	200
flap	a1	47	57	67	77	87	87
opened width	b	61	61	61	61	61	61
roll-Ø		16	16	16	16	16	16
pin-Ø		10	10	10	10	10	10
leaf width / flap		23,5	23,5	23,5	23,5	23,5	23,5
outer post for door leaf width		21	21	21	21	21	21
leaf thickness		3,5	3,5	3,5	3,5	3,5	3,5
number of screw holes		6	8	8	8	10	10
for countersunk wood screws by DIN 97 Ø		4,5	4,5	4,5	4,5	4,5	4,5
f1	11,5	15	17,5	17,5	19	25	
f2	38,5	30	35	41	35	40	
f3	38,5	30	35	43	36	35	
f4	-	30	35	41	36	35	
f5	-	-	-	-	35	40	



Brass door lift-off hinge
cranking D14
for rebated doors

15 mm roll-Ø
4,0 mm leaf thickness

Consisted of brass profile material
· milled and drilled
· with steel pin and ball bearing

Available final tips
Nr. 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9

It is also available in all RAL colors and in PVD coating and with rounded corners (radius 10 mm)

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Corners:

R10

Screws:

Screws optionally in all surface colors available

DIN 97 - 4,5Ø x 40 mm

Final tip:

1. cylindrical

2. ZK 9a
h: 11 mm

3. ZK 19
h: 31 mm

4. ZK 9
h: 5 mm

5. ZK A
h: 28 mm

6. ZK B
h: 37 mm

8. ZK E
h: 23 mm

9. ZK D
h: 13 mm

Article number

7

Version:

15 mm Ø
4 mm leaf thickness

Lengths:

4. 140 mm
5. 160 mm
6. 180 mm
7. 200 mm

Surfaces:

01. Brass polished
02. Brass matt
 blasted or brushed
03. nickel-plated matt
 blasted or brushed
04. nickel-plated polished
05. antique
06. burnished
07. tin-plated
08. gold-plated
09. chromium-plated polished
10. chromium-plated matt
 blasted or brushed
11. black
12. white
13. tin 2.0
14. nickel dark polished
15. nickel dark matt
 blasted or brushed
16. copper

Final tip:

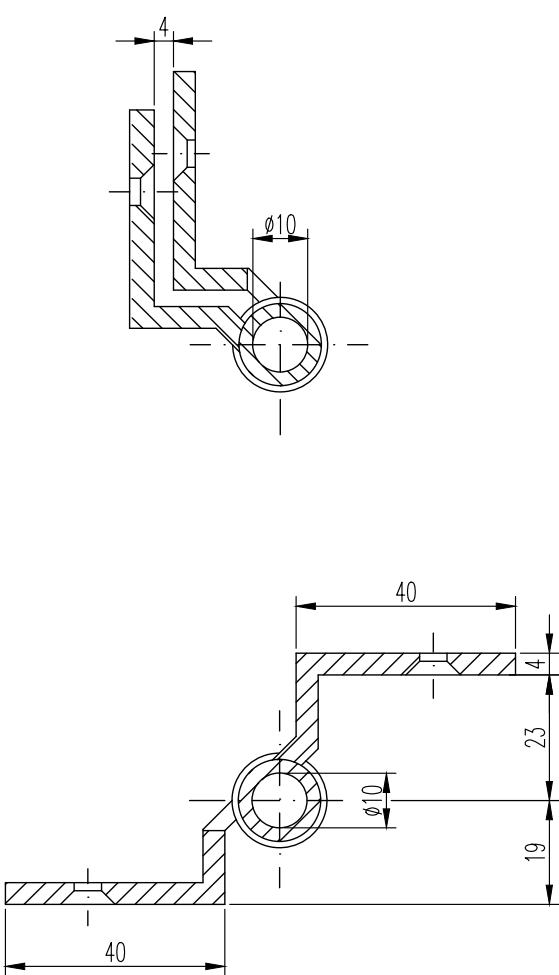
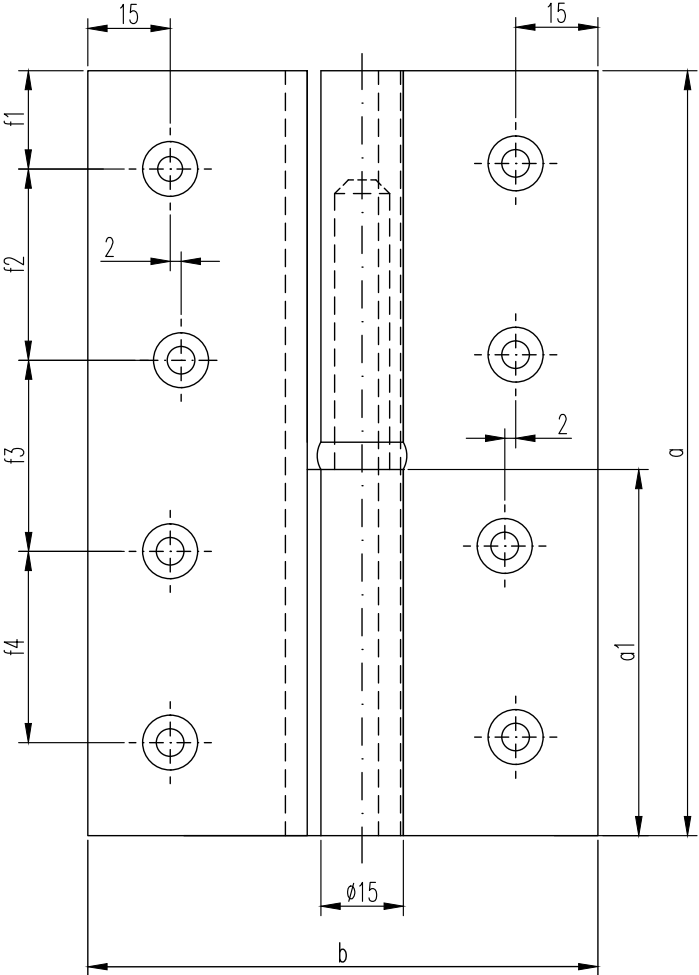
1. cylindrical
2. ZK 9a
3. ZK 19
4. ZK 9
5. ZK A
6. ZK B
8. ZK E
9. ZK D

DIN Version:

6. right
7. left

Corners:

0. angular
4. four rounded corners



Values in millimeters					
capacity	with two hinges	80 kg	100 kg	130 kg	150 kg
	with three hinges	100 kg	130 kg	160 kg	200 kg
hinge length	a	140	160	180	200
flap	a1	67	77	87	97
opened width	b	93	93	93	93
roll-Ø		15	15	15	15
pin-Ø		10	10	10	10
leaf width / flap		40	40	40	40
outer post for door leaf width		40	40	40	40
leaf thickness		4	4	4	4
number of screw holes		8	8	10	10
for countersunk wood screws by DIN 97 Ø		4,5	4,5	4,5	4,5
f1		17,5	17,5	19	25
f2		35	41	35	40
f3		35	43	36	35
f4		35	41	36	35
f5		-	-	35	40



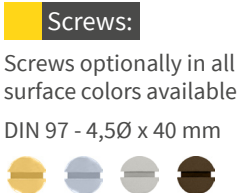
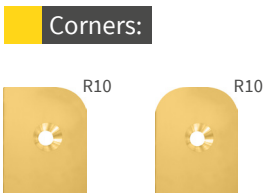
Brass door lift-off hinge
cranking B/C
for recessed doors

16 mm roll-Ø
35 mm leaf width,
auch with 25 mm leaf width available
3,5 mm leaf thickness

Consisted of brass profile material
· milled and drilled
· with steel pin and ball bearing
· with extraction pin available

Available final tips
Nr. 1 | 2 | 3 | 4 | 6 | 8

It is also available in all RAL colors and in PVD coa-
ting and with rounded corners (radius 10 mm)



Final tip:



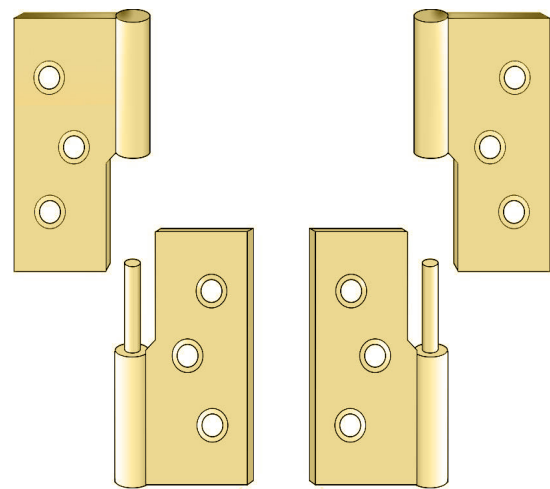
Article number

4					
Version:	Lengths:	Surfaces:	Final tip:	DIN Version:	Corners:
16 mm Ø 35 mm leaf width 3,5 mm leaf thickness	3. 100 mm 8. 120 mm 4. 140 mm 5. 160 mm 6. 180 mm 7. 200 mm	01. Brass polished 02. Brass matt blasted or brushed 03. nickel-plated matt blasted or brushed 04. nickel-plated polished 05. antique 06. burnished 07. tin-plated 08. gold-plated 09. chromium-plated polished 10. chromium-plated matt blasted or brushed 11. black 12. white 13. tin 2.0 14. nickel dark polished 15. nickel dark matt blasted or brushed 16. copper	1. cylindrical 2. ZK 9a 3. ZK 19 4. ZK 9 6. ZK B 8. ZK E	6. right 7. left	0. angular 4. four rounded corners 6. six rounded corners

Values in millimeters

capacity	with two hinges	40 kg	50 kg	60 kg	70 kg	80 kg	90 kg
	with three hinges	60 kg	70 kg	80 kg	90 kg	110 kg	140 kg
hinge length	a	100	120	140	160	180	200
flap	a1	47	57	67	77	87	97
opened width	b	86	86	86	86	86	86
roll-Ø		16	16	16	16	16	16
pin-Ø		10	10	10	10	10	10
leaf width from roll		35	35	35	35	35	35
ridge width		30	30	30	30	30	30
leaf thickness		3,5	3,5	3,5	3,5	3,5	3,5
number of screw holes		6	8	8	8	10	10
for countersunk wood screws by DIN 97 Ø		4,5	4,5	4,5	4,5	4,5	4,5
f1	11,5	15	17,5	17,5	19	25	
f2	38,5	30	35	41	35	40	
f3	38,5	30	35	43	36	35	
f4	-	30	35	41	36	35	
f5	-	-	-	-	35	40	

Right- or left-hand hinge?



Crankings

In order to see a difference in the hinges with screw-on flaps, the tapes must be looked at from the front against the side of the screw hole countersink when opened.

On a left hinge, the perforated flap (door flap) is on the left. With a right hinge, the perforated flap (door flap) is on the right.

Number of the cabinet lift-off hinge per door

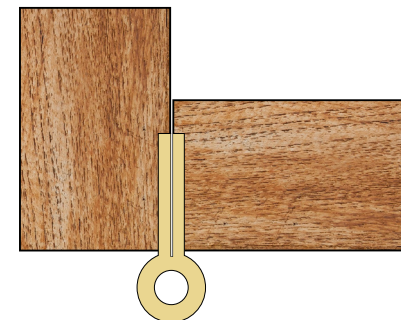
The number of hinges on a door depends on:

- door weight
- door size (height and width)
- door material



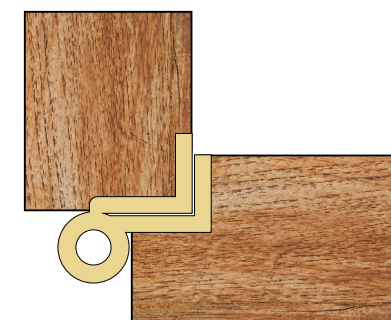
Crankings

We distinguish between four different crankings:



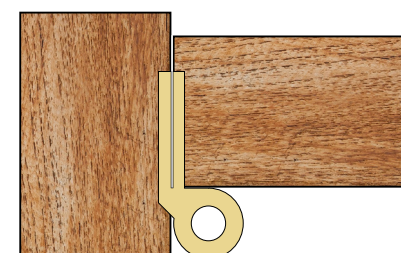
cranking A, straight hinge

- rabbet blunt-inset doors



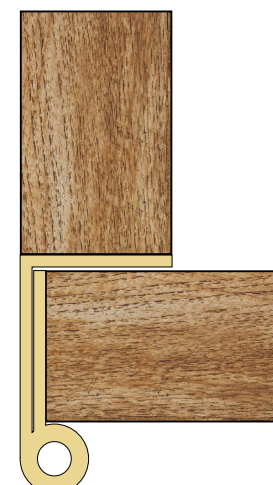
cranking D

- rabbet for rebated doors



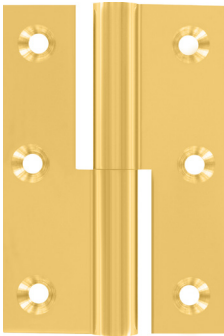
cranking B/C

- rabbet for recessed doors



cranking L

- rabbet for blunt overlay doors



Brass cabinet lift-off hinge
straight for butt-inset (unrebated) doors

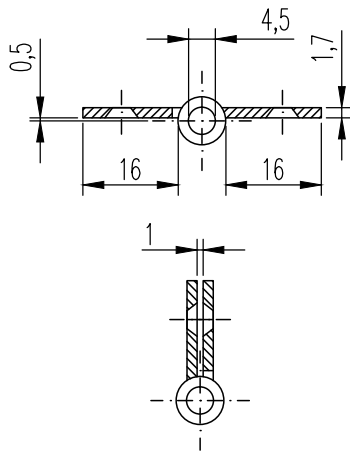
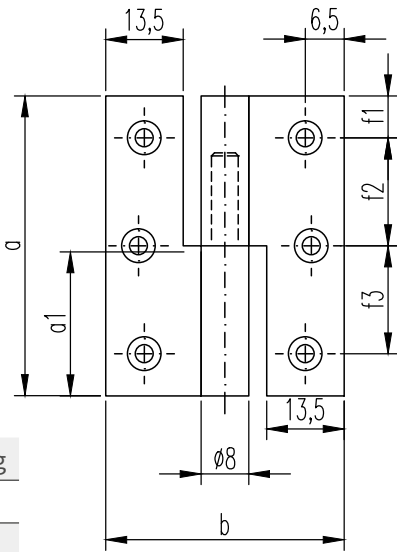
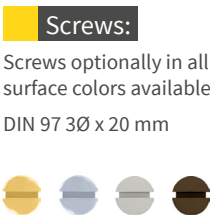
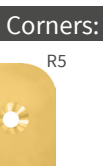


8 mm roll-Ø
1,7 mm leaf thickness

- Consisted of brass profile material
- milled and drilled
 - with steel pin
 - without intermediate ring
 - screws optional in all surfaces available

It is also available in all RAL colors and in PVD coating
and with rounded corners (radius 5 mm), 40 mm and
from 80 mm with intermediate ring

Packaging unit: 10 piece
Low volume deliveries are possible



Values in millimeters

capacity with two hinges	10 kg	12 kg	14 kg	16 kg	18 kg	20 kg
hinge length a	40	50	60	80	100	120
flap a1	19	25	30	39	49	59
opened width b	40	40	40	40	40	40
roll-Ø	8	8	8	8	8	8
pin-Ø	4,5	4,5	4,5	4,5	4,5	4,5
leaf width from roll	16	16	16	16	16	16
ridge width	13,5	13,5	13,5	13,5	13,5	13,5
leaf thickness s	1,7	1,7	1,7	1,7	1,7	1,7
number of screw holes	4	6	6	6	6	8
for countersunk wood screws by DIN 97 Ø	3	3	3	3	3	3
	f1	8	7	7	8	10
	f2	24	18	23	32	40
	f3	-	18	23	32	40

Article number

861

Version:

8 mm Ø
straight

Lengths:

4. 40 mm
5. 50 mm
6. 60 mm
8. 80 mm
10. 100 mm
12. 120 mm

Surfaces:

01. Brass polished
02. Brass matt blasted/brushed
03. nickel-plated matt blasted/brushed
04. nickel-plated polished
05. antique
06. burnished
07. tin-plated
08. gold-plated
09. chromium-plated polished
10. chromium-plated matt blasted/brushed
11. black
12. white
13. tin 2.0
14. nickel dark polished
15. nickel dark matt blasted/brushed
16. copper

DIN Version:

6. right
7. left

Corners:

0. angular
4. four rounded corners



Brass decorative cabinet lift-off hinge
straight for butt-inset (unrebated) doors

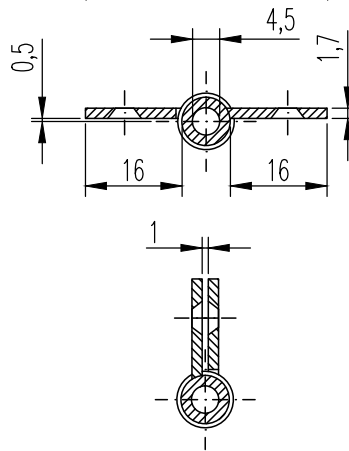
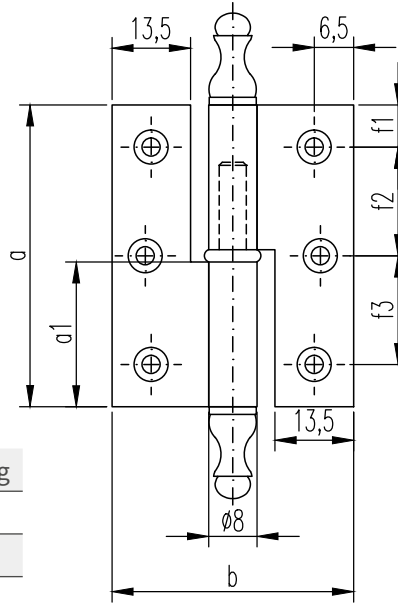
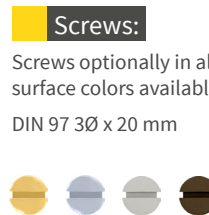
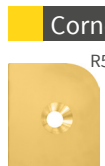


8 mm roll-Ø
1,7 mm leaf thickness

- Consisted of brass profile material
- milled and drilled
 - with steel pin
 - intermediate ring
 - final tip ZK 19 Height: 15 mm
 - screws optional in all surfaces available

It is also available in all RAL colors and in PVD coating
and with rounded corners (radius 5 mm)

Packaging unit: 10 piece
Low volume deliveries are possible



Values in millimeters

capacity with two hinges	10 kg	12 kg	14 kg	16 kg	18 kg	20 kg
hinge length a	40	50	60	80	100	120
flap a1	19	24	29	39	49	59
opened width b	40	40	40	40	40	40
roll-Ø	8	8	8	8	8	8
pin-Ø	4,5	4,5	4,5	4,5	4,5	4,5
leaf width from roll	16	16	16	16	16	16
ridge width	13,5	13,5	13,5	13,5	13,5	13,5
leaf thickness s	1,7	1,7	1,7	1,7	1,7	1,7
number of screw holes	4	6	6	6	6	8
for countersunk wood screws by DIN 97 Ø	3	3	3	3	3	3
	f1	8	7	7	8	10
	f2	24	18	23	32	40
	f3	-	-	23	32	40

Article number

851

Version:

8 mm Ø
straight

Lengths:

4. 40 mm
5. 50 mm
6. 60 mm
8. 80 mm
10. 100 mm
12. 120 mm

Surfaces:

01. Brass polished
02. Brass matt blasted/brushed
03. nickel-plated matt blasted/brushed
04. nickel-plated polished
05. antique
06. burnished
07. tin-plated
08. gold-plated
09. chromium-plated polished
10. chromium-plated matt blasted/brushed
11. black
12. white
13. tin 2.0
14. nickel dark polished
15. nickel dark matt blasted/brushed
16. copper

DIN Version:

6. right
7. left

Corners:

0. angular
4. four rounded corners



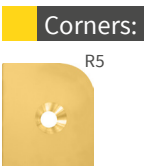
Brass cabinet lift-off hinge
cranking D 7,5
for rebated doors

8 mm roll-Ø
1,7 mm leaf thickness

- Consisted of brass profile material
- milled and drilled
 - with steel pin
 - without intermediate ring
 - screws optional in all surfaces available

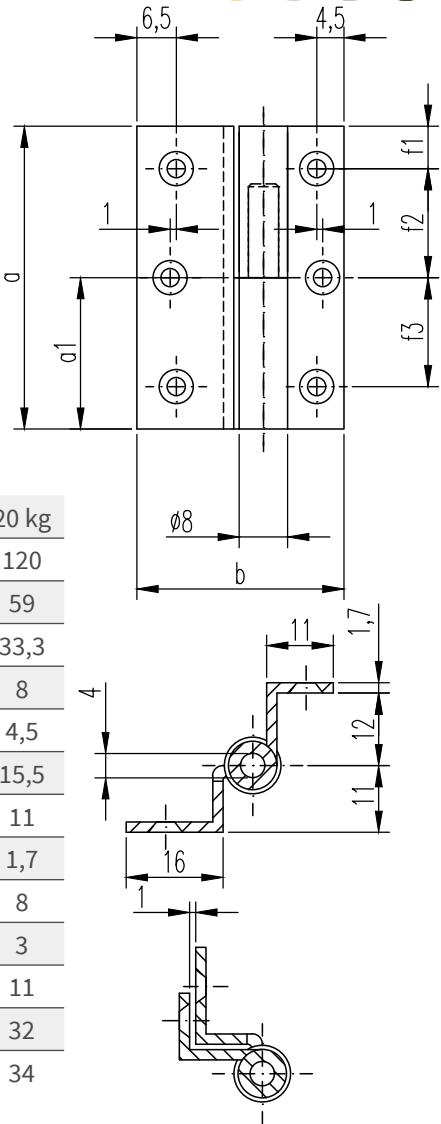
It is also available in all RAL colors and in PVD coating
and with rounded corners (radius 5 mm), 40 mm and
from 80 mm with intermediate ring

Packaging unit: 10 piece (Low volume deliveries are possible)



Corners:

Screws:
Screws optionally in all
surface colors available
DIN 97 3Ø x 20 mm



Values in millimeters

capacity with two hinges	10 kg	12 kg	14 kg	16 kg	18 kg	20 kg
hinge length a	40	50	60	80	100	120
flap a1	19	25	30	39	49	59
opened width b	33,3	33,3	33,3	33,3	33,3	33,3
roll-Ø	8	8	8	8	8	8
pin-Ø	4,5	4,5	4,5	4,5	4,5	4,5
leaf width / flap	15,5	15,5	15,5	15,5	15,5	15,5
outer post for door leaf width	11	11	11	11	11	11
leaf thickness s	1,7	1,7	1,7	1,7	1,7	1,7
number of screw holes	4	6	6	6	6	8
for countersunk wood screws by DIN 97 Ø	3	3	3	3	3	3
	f1	8	7	7	8	10
	f2	24	18	23	32	40
	f3	-	18	23	40	34

Article number

862

Version:

8 mm Ø,
cranking D7,5

Lengths:

4. 40 mm
5. 50 mm
6. 60 mm
8. 80 mm
10. 100 mm
12. 120 mm

Surfaces:

01. Brass polished
02. Brass matt blasted/brushed
03. nickel-plated matt blasted/brushed
04. nickel-plated polished
05. antique
06. burnished
07. tin-plated
08. gold-plated
09. chromium-plated polished
10. chromium-plated matt blasted brushed
11. black
12. white
13. tin 2.0
14. nickel dark polished
15. nickel dark matt blasted/brushed
16. copper

DIN Version:

6. right
7. left

Corners:

0. angular
4. four rounded corners



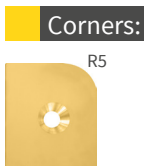
Brass decorative cabinet lift-off hinge
cranking D 7,5
for rebated doors

8 mm roll-Ø
1,7 mm leaf thickness

- Consisted of brass profile material
- milled and drilled
 - with steel pin
 - intermediate ring
 - final tip ZK 19 Height: 15 mm
 - screws optional in all surfaces available

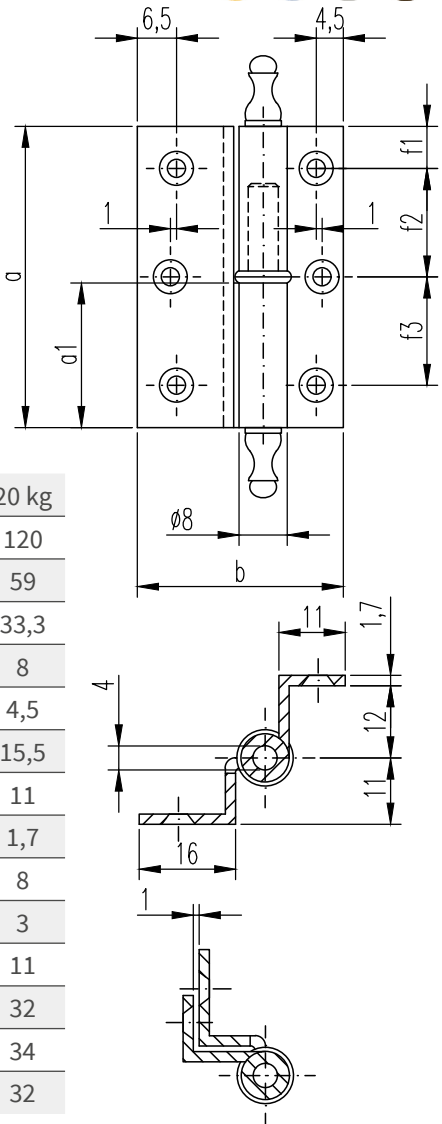
It is also available in all RAL colors and in PVD coating
and with rounded corners (radius 5 mm)

Packaging unit: 10 piece (Low volume deliveries are possible)



Corners:

Screws:
Screws optionally in all
surface colors available
DIN 97 3Ø x 20 mm



Values in millimeters

capacity with two hinges	10 kg	12 kg	14 kg	16 kg	18 kg	20 kg
hinge length a	40	50	60	80	100	120
flap a1	19	24	29	39	49	59
opened width b	33,3	33,3	33,3	33,3	33,3	33,3
roll-Ø	8	8	8	8	8	8
pin-Ø	4,5	4,5	4,5	4,5	4,5	4,5
leaf width / flap	15,5	15,5	15,5	15,5	15,5	15,5
outer post for door leaf width	11	11	11	11	11	11
leaf thickness s	1,7	1,7	1,7	1,7	1,7	1,7
number of screw holes	4	6	6	6	6	8
for countersunk wood screws by DIN 97 Ø	3	3	3	3	3	3
	f1	8	7	7	8	10
	f2	24	18	23	32	40
	f3	-	18	23	40	34
	f4	-	-	-	-	32

Article number

852

Version:

8 mm Ø,
cranking D7,5

Lengths:

4. 40 mm
5. 50 mm
6. 60 mm
8. 80 mm
10. 100 mm
12. 120 mm

Surfaces:

01. Brass polished
02. Brass matt blasted/brushed
03. nickel-plated matt blasted/brushed
04. nickel-plated polished
05. antique
06. burnished
07. tin-plated
08. gold-plated
09. chromium-plated polished
10. chromium-plated matt blasted brushed
11. black
12. white
13. tin 2.0
14. nickel dark polished
15. nickel dark matt blasted/brushed
16. copper

DIN Version:

6. right
7. left

Corners:

0. angular
4. four rounded corners



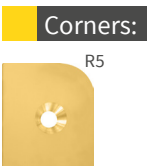
Brass cabinet lift-off hinge
cranking D 7,5
for rebated doors

11 mm roll-Ø
2 mm leaf thickness

- Consisted of brass profile material
- milled and drilled
 - with steel pin
 - intermediate ring
 - screws optional in all surfaces available

It is also available in all RAL colors and in PVD coating
and with rounded corners (radius 5 mm), 40 mm and
from 80 mm with intermediate ring

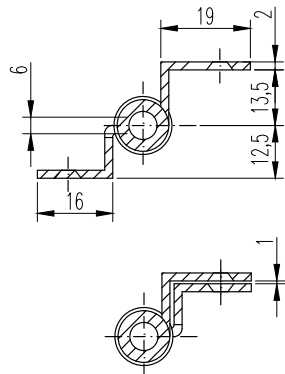
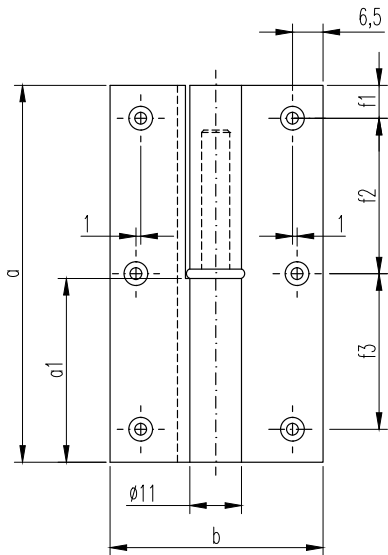
Packaging unit: 10 piece (Low volume deliveries are possible)



Corners:

R5

Screws:
Screws optionally in all
surface colors available
DIN 97 3Ø x 20 mm



Values in millimeters

capacity with two hinges	15 kg	17 kg	19 kg	22 kg	25 kg	
hinge length a	50	60	80	100	120	
flap a1	24	29	39	49	59	
opened width b	45	45	45	45	45	
roll-Ø	11	11	11	11	11	
pin-Ø	6	6	6	6	6	
leaf width / flap	16	16	16	16	16	
outer post for door leaf width	19	19	19	19	19	
leaf thickness s	2	2	2	2	2	
number of screw holes	6	6	6	6	8	
for countersunk wood screws by DIN 97 Ø	3	3	3	3	3	
	f1	7	7	8	10	11
	f2	18	23	32	40	32
	f3	18	23	32	40	34
	f4	32	32	32	32	32

Article number

1162

Version:

11 mm Ø,
cranking D7,5

Lengths:

5. 50 mm
6. 60 mm
8. 80 mm
10. 100 mm
12. 120 mm

Surfaces:

01. Brass polished
02. Brass matt blasted/brushed
03. nickel-plated matt blasted/brushed
04. nickel-plated polished
05. antique
06. burnished
07. tin-plated
08. gold-plated
09. chromium-plated polished
10. chromium-plated matt blasted/brushed
11. black
12. white
13. tin 2.0
14. nickel dark polished
15. nickel dark matt blasted/brushed
16. copper

DIN Version:

6. right
7. left

Corners:

0. angular
4. four rounded corners



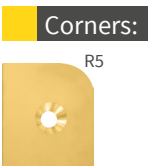
Brass decorative cabinet lift-off hinge
cranking D 7,5
for rebated doors

11 mm roll-Ø
2 mm leaf thickness

- Consisted of brass profile material
- milled and drilled
 - with steel pin
 - intermediate ring
 - final tip ZK 19 Height: 20 mm
 - screws optional in all surfaces available

It is also available in all RAL colors and in PVD coating
and with rounded corners (radius 5 mm)

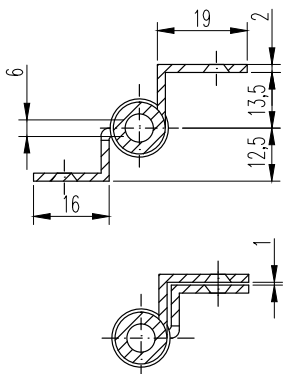
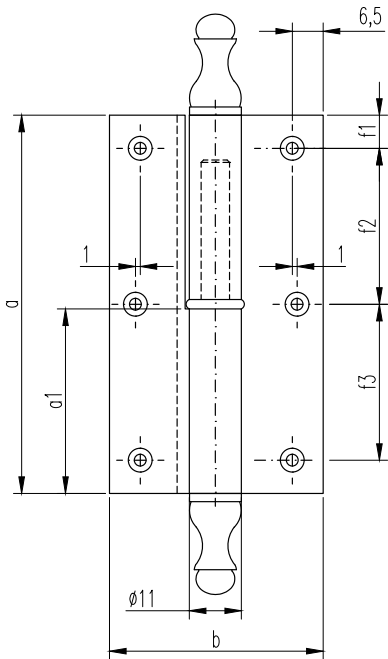
Packaging unit: 10 piece (Low volume deliveries are possible)



Corners:

R5

Screws:
Screws optionally in all
surface colors available
DIN 97 3Ø x 20 mm



Values in millimeters

capacity with two hinges	15 kg	17 kg	19 kg	22 kg	25 kg	
hinge length a	50	60	80	100	120	
flap a1	24	29	39	49	59	
opened width b	45	45	45	45	45	
roll-Ø	11	11	11	11	11	
pin-Ø	6	6	6	6	6	
leaf width / flap	16	16	16	16	16	
outer post for door leaf width	19	19	19	19	19	
leaf thickness s	2	2	2	2	2	
number of screw holes	6	6	6	6	8	
for countersunk wood screws by DIN 97 Ø	3	3	3	3	3	
	f1	7	7	8	10	11
	f2	18	23	32	40	32
	f3	18	23	32	40	34
	f4	32	32	32	32	32

Article number

1152

Version:

11 mm Ø,
cranking D7,5

Lengths:

5. 50 mm
6. 60 mm
8. 80 mm
10. 100 mm
12. 120 mm

Surfaces:

01. Brass polished
02. Brass matt blasted/brushed
03. nickel-plated matt blasted/brushed
04. nickel-plated polished
05. antique
06. burnished
07. tin-plated
08. gold-plated
09. chromium-plated polished
10. chromium-plated matt blasted/brushed
11. black
12. white
13. tin 2.0
14. nickel dark polished
15. nickel dark matt blasted/brushed
16. copper

DIN Version:

6. right
7. left

Corners:

0. angular
4. four rounded corners



Brass angled belt
cranking L
for blunt overlay doors

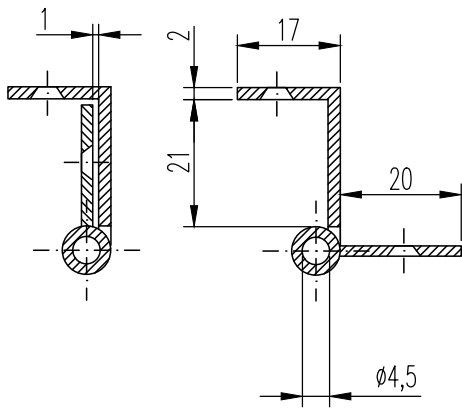
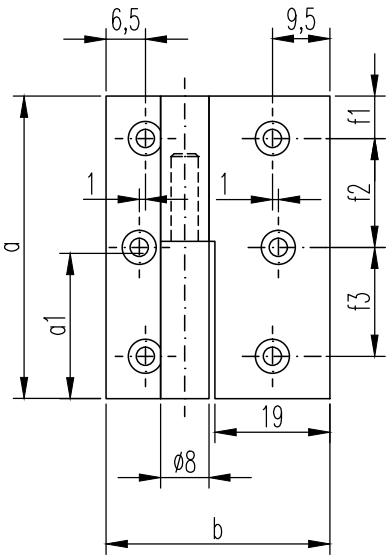
8 mm roll-Ø
2 mm leaf thickness

- Consisted of brass profile material
- milled and drilled
 - with steel pin
 - cylindrical
 - screws optional in all surfaces available

Packaging unit: 10 piece
Low volume deliveries are possible



Screws:
Screws optionally in all
surface colors available
DIN 97 3Ø x 20 mm



Values in millimeters

capacity with two hinges	12 kg	14 kg	16 kg	18 kg
hinge length a	50	60	80	100
flap a1	25	30	40	50
opened width b	37	37	37	37
roll-Ø	8	8	8	8
pin-Ø	4,5	4,5	4,5	4,5
leaf width from Rolle	17	17	17	17
ridge width	20	20	20	20
leaf thickness s	2	2	2	2
number of screw holes	6	6	6	6
for countersunk wood screws by DIN 97 Ø	3	3	3	3
f1	7	7	8	10
f2	18	23	32	40
f3	18	23	32	40

Article number

87

Version:

8 mm Ø,
cranking L

Lengths:

- 5. 50 mm
- 6. 60 mm
- 8. 80 mm
- 10. 100 mm

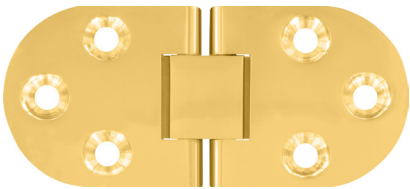
Surfaces:

- 01. Brass polished
- 02. Brass matt blasted/brushed
- 03. nickel-plated matt blasted/brushed
- 04. nickel-plated polished
- 06. burnished
- 11. black
- 13. tin 2.0

different surfaces
upon request

DIN Version:

- 6. right
- 7. left



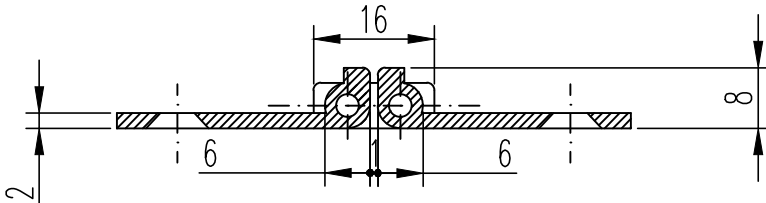
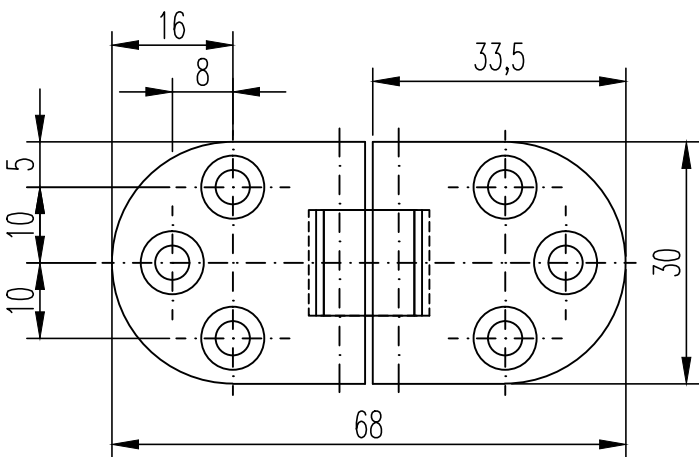
Sewing table hinge

- Consisted of brass profile material
- milled and drilled
 - including two solid steel pins and a double joint
 - with rounded semicircular leafs
 - for mechanical insertion
 - screws optional in all surfaces available

Packaging unit: 10 piece
Low volume deliveries are possible



Screws:
Screws optionally in all
surface colors available
DIN 97 3Ø x 20 mm



Article number

68

Version:

Sewing table hinge

Surfaces:

- 01. Brass polished
- 04. nickel-plated polished
- 09. chromium-plated polished

different surfaces
upon request



Messing-Lappenband
cranking DI for unscrewing
to attach rebated furniture doors

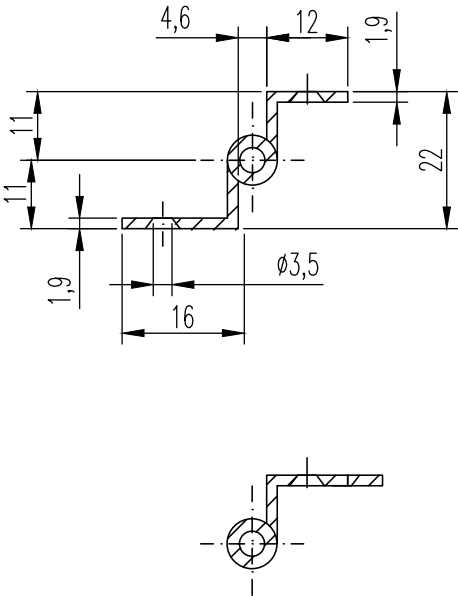
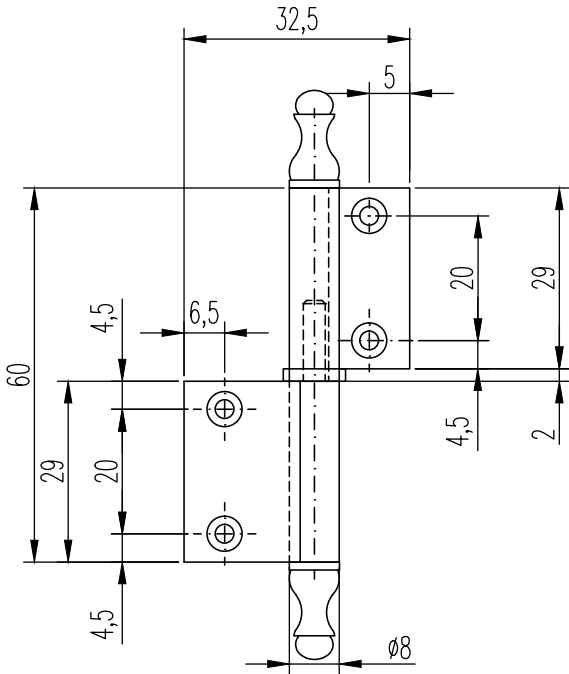
8 mm roll-Ø

- Consisted of brass profile material
- milled and drilled
 - with steel pin
 - intermediate ring
 - final tip ZK 19 Height: 15 mm
 - screws optional in all surfaces available

Packaging unit: 10 piece
Low volume deliveries are possible



Screws:
Screws optionally in all
surface colors available
DIN 97 3Ø x 20 mm



Article number

540

Version:
8 mm Ø

Lengths:
6. 60 mm, 12 kg capacity
8. 80 mm, 14 kg capacity

Surfaces:
01. Brass polished
02. Brass matt brushed
05. antique

different surfaces
upon request

DIN Version:
6. right
7. left



Door and flap hinges
to screw on recessed and cranked
doors or flaps

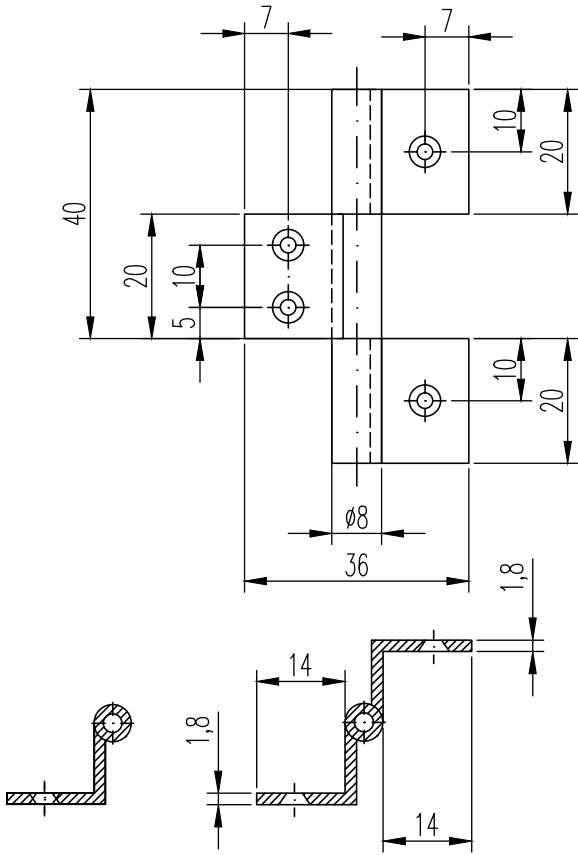
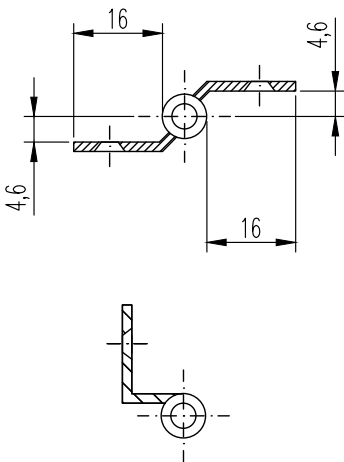
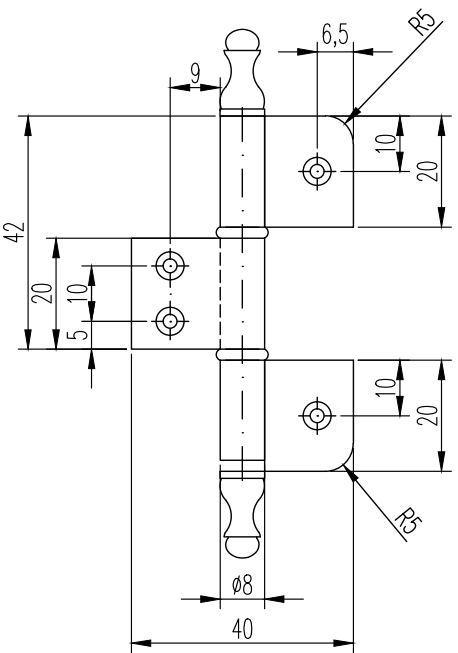
8 mm roll-Ø

- Consisted of brass profile material
- milled and drilled
 - intermediate rings available
 - screws optional in all surfaces available

Packaging unit: 10 piece
Low volume deliveries are possible



Screws:
Screws optionally in all
surface colors available
DIN 97 3Ø x 20 mm



Article number

Version:
7. 8 mm Ø, cranking B
8. 8 mm Ø, cranked

Lengths:
6. 60 mm, 12 kg capacity

Surfaces:
01. Brass polished
02. Brass matt blasted/brushed
03. nickel-plated matt blasted/brushed
04. nickel-plated polished

different surfaces
upon request



Messing-Fitschenband
for rebated doors



8 mm and 10 mm roll-Ø
shifted leaves

- Consisted of brass profile material
- milled and drilled
 - with steel pin
 - perforated or unperforated
 - intermediate ring and final tip ZK 19 or cylindrical
 - screws optional in all surfaces available

Available final tip
Nr. 1 | 3

Packaging unit: 10 piece
Low volume deliveries are possible

Final tip:



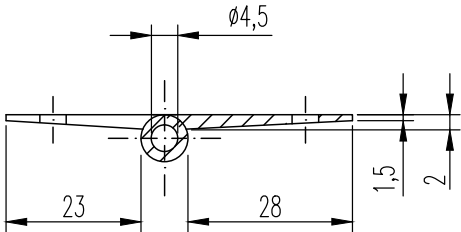
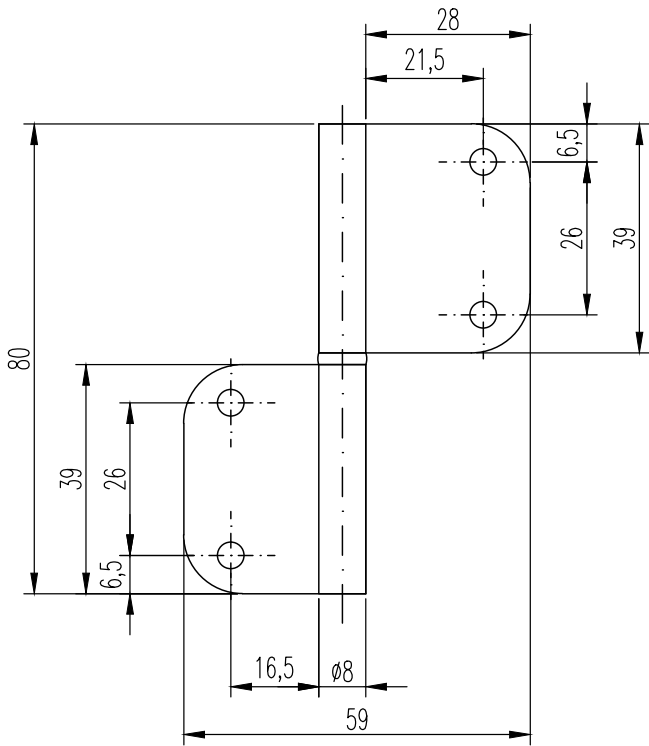
Article number

30				
Version:	Lengths:	Surfaces:	Final tip:	DIN Version:
8 mm Ø	80. 80 mm, 8 kg capacity 10. 100 mm, 10 kg capacity 12. 120 mm, 12 kg capacity	00. raw 01. Brass polished 02. Brass matt blasted/brushed 03. nickel-plated matt blasted/brushed 04. nickel-plated polished 05. antique 06. burnished 07. tin-plated 08. gold-plated 09. chromium-plated polished 10. chromium-plated matt blasted/brushed	1. cylindrical 3. ZK 19	6. right 7. left

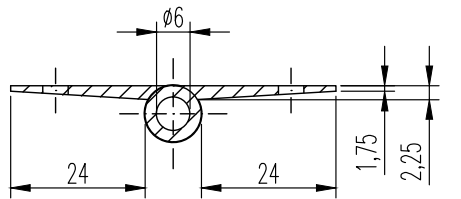
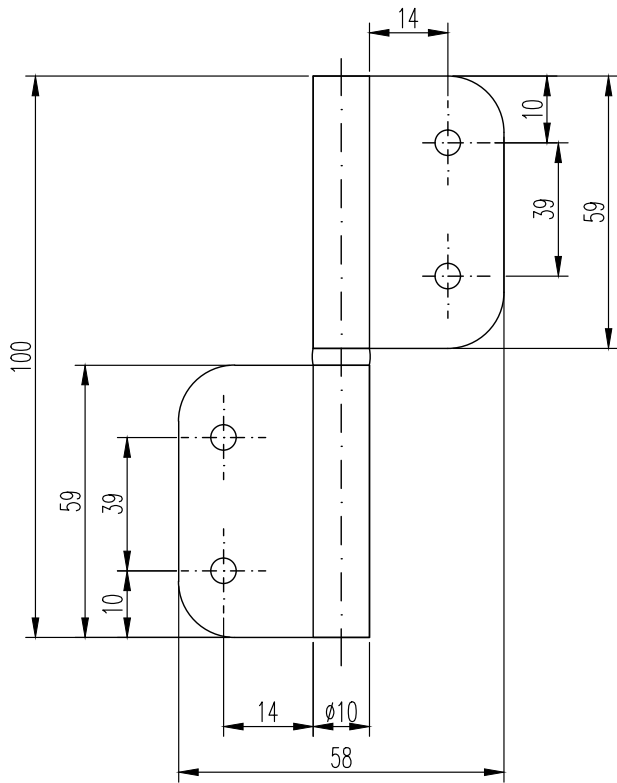
Article number

60				
Version:	Lengths:	Surfaces:	Final tip:	DIN Version:
10 mm Ø	80. 80 mm, 10 kg capacity 10. 100 mm, 12 kg capacity 12. 120 mm, 14 kg capacity	00. raw 01. Brass polished 02. Brass matt blasted/brushed 03. nickel-plated matt blasted/brushed 04. nickel-plated polished 05. antique 06. burnished 07. tin-plated 08. gold-plated 09. chromium-plated polished 10. chromium-plated matt blasted/brushed	1. cylindrical 3. ZK 19	6. right 7. left

Drilling pattern for easier assembly not necessarily specific .



Drilling pattern for easier assembly not necessarily specific .





Messing-Fensterbänder Nr. 040
for rebated doors



leaf width from roll:
flap 24 mm
door leaf width 29 mm

- Consisted of brass profile material
- milled and drilled
 - with steel pin
 - with shifted leaves
 - with brass intermediate ring
 - perforated or unperforated
- screws optional in all surfaces available

Available final tips
Nr. 1 | 2 | 6 | 9

Packaging unit: 10 piece
Low volume deliveries are possible

Final tip:



1. cylindrical



2. ZK 9a
h: 8 mm



6. ZK W
h: 36 mm



9. ZK D
h: 12 mm

Article number

40

Version:

12 mm Ø

Lengths:

- 8. 80 mm, 15 kg capacity
- 1. 100 mm, 18 kg capacity
- 12. 120 mm, 22 kg capacity
- 14. 140 mm, 25 kg capacity

Surfaces:

- 00. raw
- 01. Brass polished
- 02. Brass matt blasted/brushed
- 03. nickel-plated matt blasted/brushed
- 04. nickel-plated polished
- 05. antique
- 06. burnished
- 07. tin-plated
- 08. gold-plated
- 09. chromium-plated polished
- 10. chromium-plated matt blasted/brushed

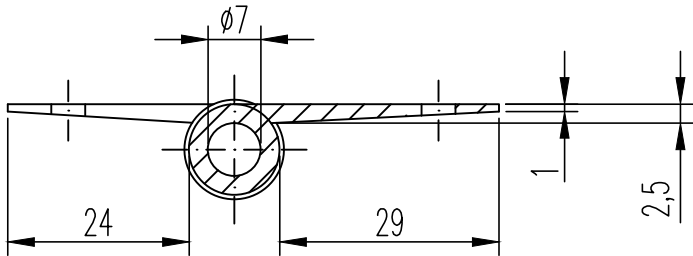
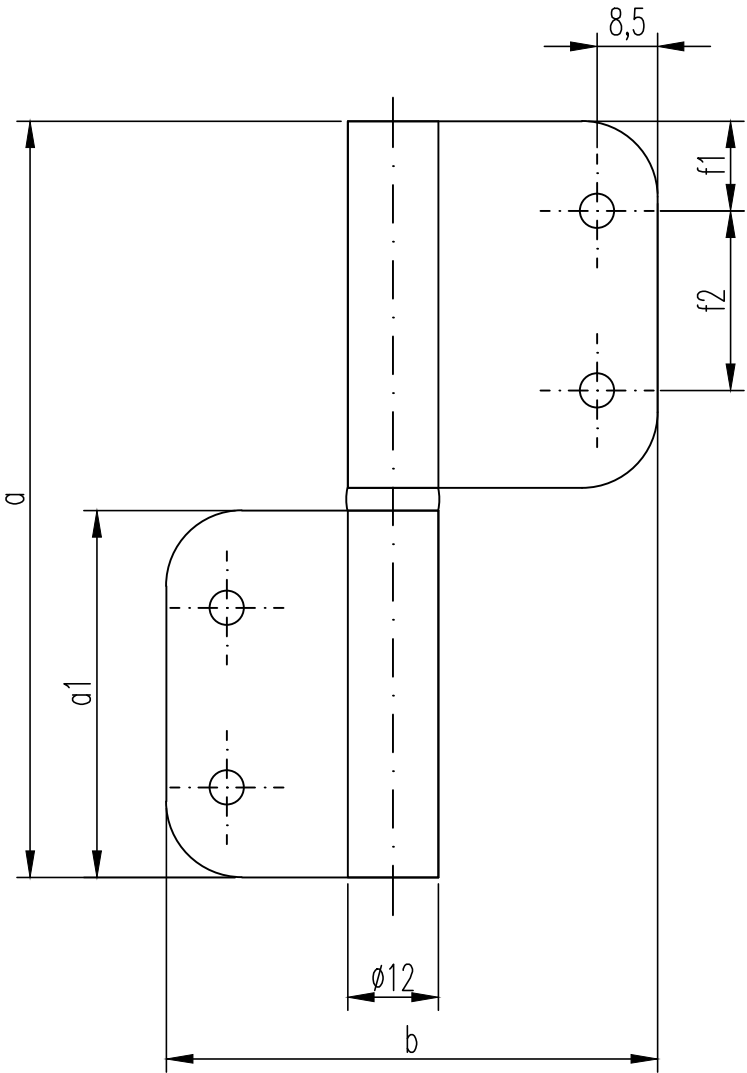
Final tip:

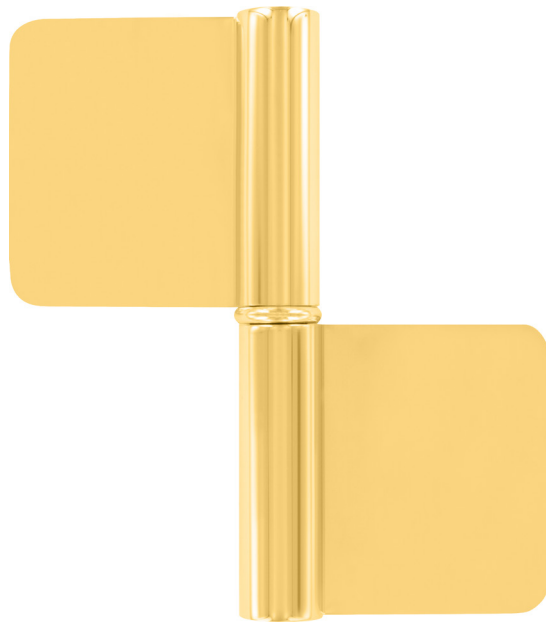
- 1. cylindrical
- 2. ZK 9a
- 6. ZK B
- 9. ZK D

DIN Version:

- 6. right
- 7. left

Drilling pattern for easier assembly not necessarily specified.





Brass mortise hinge for rebated doors
Nr. 050



14 mm roll-Ø
with 2 shifted leaves

leaf width from roll:
flap 38 mm
door leaf width 38 mm

- Consisted of brass profile material
- milled and drilled
 - with steel pin
 - with intermediate ring
- screws optional in all surfaces available

Available final tips
Nr. 1 | 3 | 4

Packaging unit: 10 piece
Low volume deliveries are possible

Final tip:



1. cylindrical



3. ZK 19
h: 31 mm



4. ZK 9
h: 5 mm

Article number

50

Version:

14 mm Ø

Lengths:

- 10. 100 mm, 20 kg capacity
- 12. 120 mm, 30 kg capacity
- 14. 140 mm, 40 kg capacity
- 16. 160 mm, 50 kg capacity

Surfaces:

- 00. raw
- 01. Brass polished
- 02. Brass matt blasted/brushed
- 03. nickel-plated matt blasted/brushed
- 04. nickel-plated polished
- 05. antique
- 06. burnished
- 07. tin-plated
- 08. gold-plated
- 09. chromium-plated polished
- 10. chromium-plated matt blasted/brushed

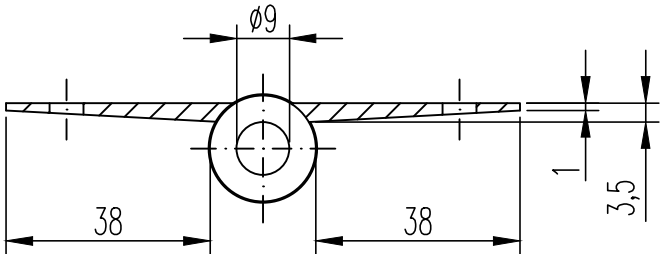
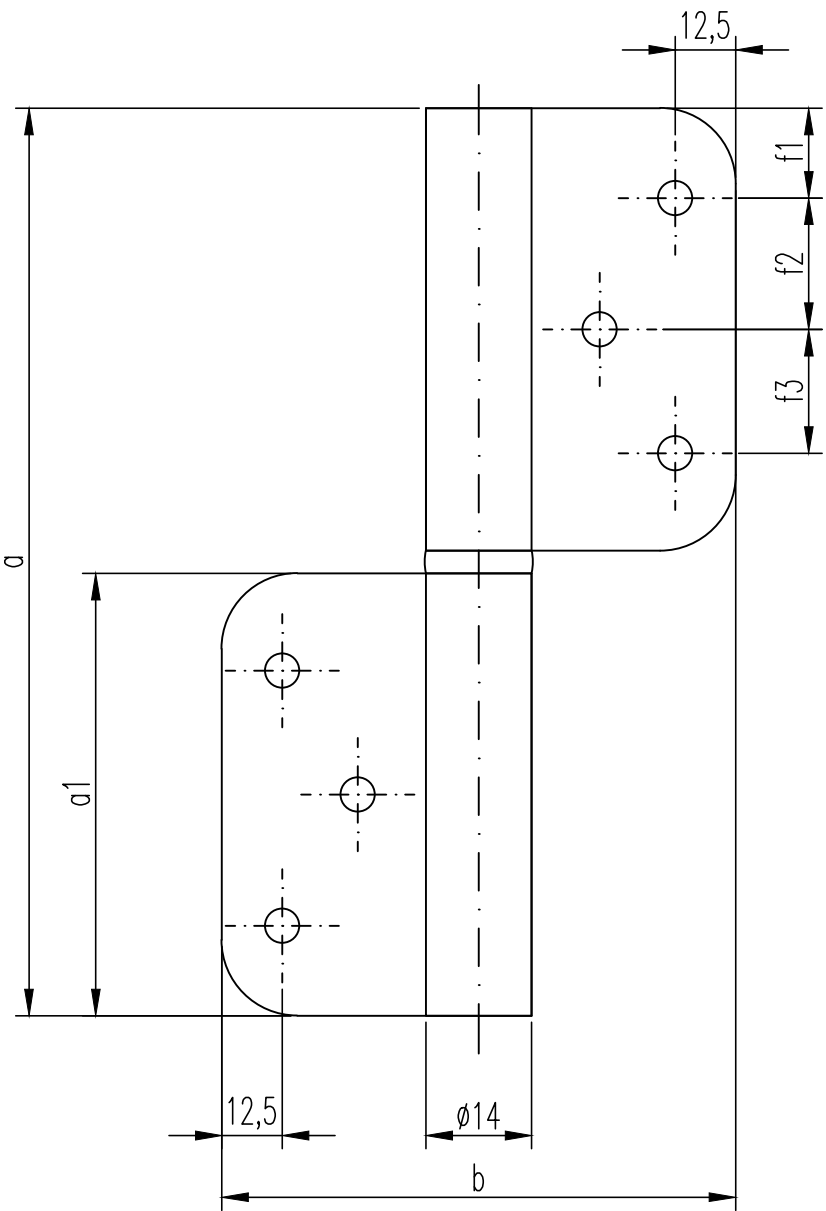
Final tip:

- 1. cylindrical
- 2. ZK 9a
- 3. ZK 19
- 4. ZK 9
- 6. ZK B
- 8. ZK E

DIN Version:

- 6. right
- 7. left

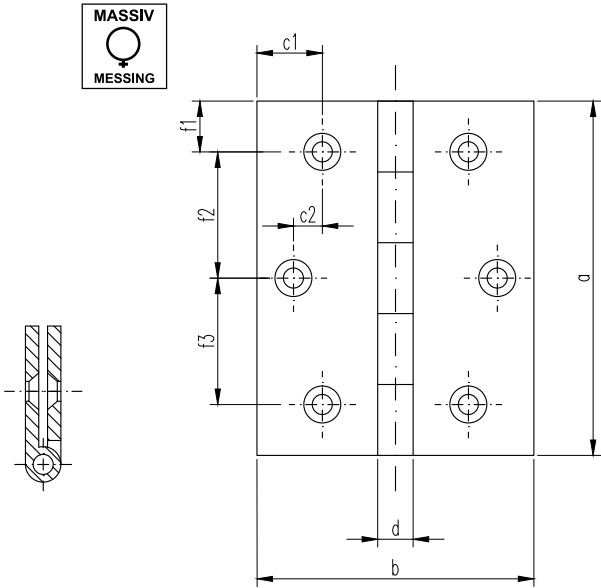
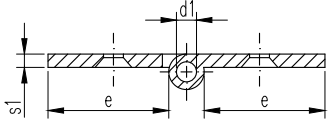
Drilling pattern for easier assembly not necessarily specified.





Solid brass hinges Nr. 507-100

- Consisted of brass profile material
- milled and drilled
 - with fixed brass pin or stainless steel pin



Article number

3

Lengths:

- 0. 20 x 16 mm
- 1. 20 x 20 mm
- 3. 30 x 20 mm
- 4. 40 x 20 mm

- 5. 30 x 30 mm
- 6. 40 x 30 mm
- 7. 50 x 30 mm

- 24. 40 x 35 mm
- 26. 60 x 35 mm

- 8. 40 x 40 mm
- 9. 50 x 40 mm
- 10. 60 x 40 mm
- 35. 70 x 40 mm

- 11. 50 x 50 mm
- 12. 60 x 50 mm
- 22. 70 x 50 mm
- 13. 80 x 50 mm

- 21. 50 x 60 mm
- 27. 60 x 60 mm
- 28. 70 x 60 mm
- 14. 80 x 60 mm
- 37. 100 x 60 mm

- 30. 60 x 80 mm
- 16. 80 x 80 mm
- 41. 90 x 80 mm
- 18. 100 x 80 mm

- 52. 90 x 90 mm

- 20. 40 x 100 mm
- 32. 50 x 100 mm
- 33. 80 x 100 mm
- 15. 100 x 100 mm

Surfaces:

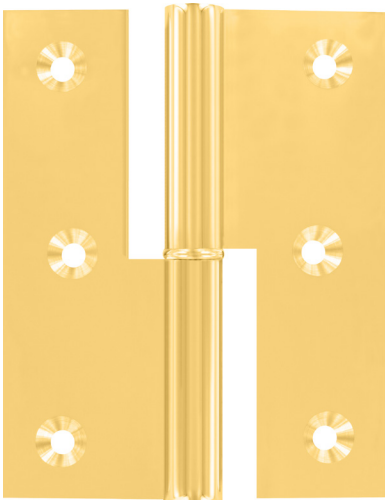
- 1. Brass finished
- 3. Brass polished
- 5. nickel-plated polished
- 6. nickel-plated matt
- 7. chromium-plated polished
- 8. chromium-plated matt
- 9. burnished

different surfaces upon request

Values in millimeters

a x b	d	d1	c1	c2	e	f1	f2	f3	f4	s1	Number of screw holes	for countersunk wood screws
20x16	4	2	3,5	-	6	4	12	-	-	1,5	4	2,5
20x20	4	2	3,5	-	8	4	12	-	-	1,5	4	2,5
30x20	4	2	3,5	-	8	7	16	-	-	1,5	4	2,5
40x20	5	2	3,5	-	8	8	24	-	-	2	4	2,5
30x30	5	3	6	-	12,5	7	16	-	-	2	4	2,5
40x30	5	3	6	-	12,5	8	24	-	-	2	4	2,5
50x30	5	3	6	2	12,5	9	16	16	-	2	6	2,5
40x35	5	3	8,5	-	15	8	24	-	-	2	4	3
60x35	5	3	8,5	2,5	15	6	24	24	-	2	6	3
40x40	5,5	3	8,5	-	17,25	8	24	-	-	2	4	3
50x40	5,5	3	8,5	2,5	17,25	9	16	16	-	2	6	3
60x40	5,5	3	8,5	2,5	17,25	6	24	24	-	2	6	3
70x40	5,5	3	8,5	-	-	-	-	-	-	2	6	3
50x50	6,5	3,5	13	-	22,5	9	16	16	-	2,5	6	3
60x50	6,5	3,5	13	7,5	22,5	6	24	24	-	2,5	6	3
70x50	6,5	3,5	13	7,5	22,5	10	25	25	-	2,5	6	3
80x50	6,5	3,5	13	7,5	22,5	8	32	32	-	2,5	6	3
50x60	7	4	16	-	27	9	16	16	-	3	6	3
60x60	7	4	16	10	27	6	24	24	-	3	6	3
70x60	7	4	13,5	10	27	10	25	25	-	3	6	3
80x60	7	4	16	10	27	8	32	32	-	3	6	3
100x60	7	4	16	10	27	-	-	-	-	3	8	3
60x80	8	4	26,5	17,5	36	10	20	20	-	3	6	4,5
80x80	8	4	26,5	17,5	36	14,5	17	17	17	3	8	4,5
90x80	8	4	-	-	-	-	-	-	-	3	8	4,5
100x80	8	4	26,5	17,5	36	14	24	24	24	3	8	4,5
90x90	7	4	-	-	41,5	-	-	-	-	3	8	4,5
40x100	7	4	31	17,5	46	10	20	10	-	3	6	4,5
50x100	7	4	-	-	-	-	-	-	-	3	6	4,5
80x100	7	4	31	17,5	46	14,5	17	17	17	3	8	4,5
100x100	7	4	31	17,5	46	14	14	24	24	3	8	4,5

With different screw hole sizes upon request.



Brass door lift-off hinge

33,0 mm leaf width
3,0 mm leaf thickness

Consisted of brass profile material
· with fixed pin
· with intermediate ring

Available final tips
Nr. 1 | 2 | 6 | 9

Brass window hinge

12 mm roll-Ø
3,0 mm leaf thickness

Consisted of brass profile material
· milled and drilled
· with brass pin
· with intermediate ring

Available final tips
Nr. 1 | 2 | 6 | 9

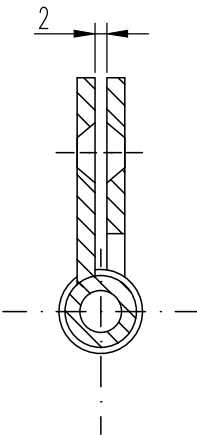
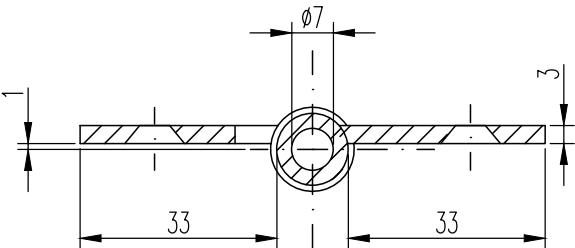
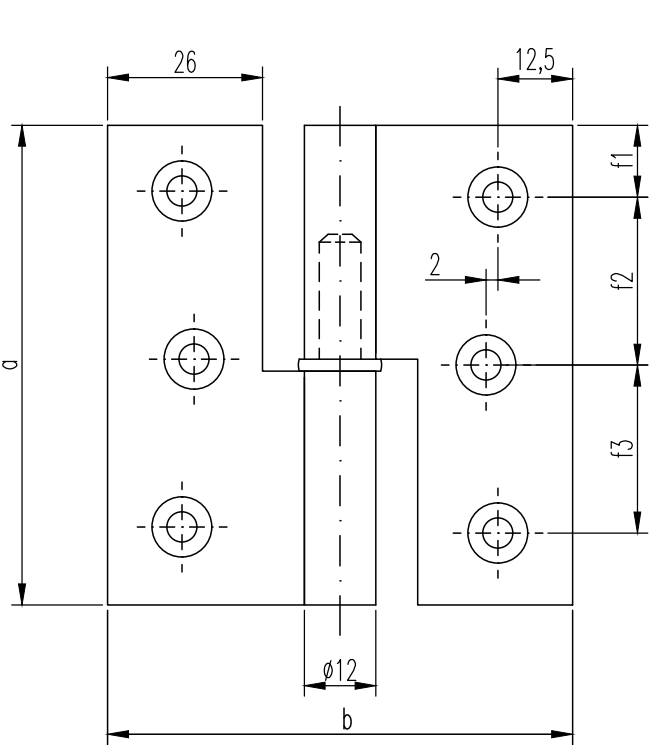


Corners:



Screws:

Screws optionally in all surface colors available



Final tip:



1. cylindrical



2. ZK 9a
h: 8 mm



6. ZK W
h: 36 mm



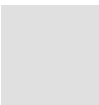
9. ZK D
h: 12 mm

Article number



Lengths:

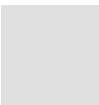
011. 80 mm
031. 100 mm
081. 120 mm



Surfaces:

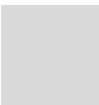
01. Brass polished
02. Brass matt
 blasted or brushed

different surfaces
upon request



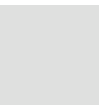
Final tip:

1. cylindrical
2. ZK 9a
6. ZK W
9. ZK D



DIN Version:

6. right
7. left

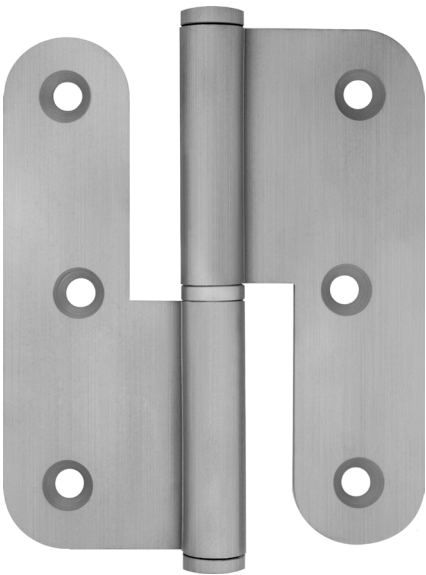


Corners:

0. angular
4. four rounded corners
6. six rounded corners

Values in millimeters

capacity	with two hinges	15 kg	20 kg	25 kg
hinge length	a	80	100	120
flap	a1	39	49	59
opened width	b	78	78	78
roll-Ø		12	12	12
pin-Ø		7	7	7
leaf width from roll		33	33	33
ridge width		26	26	26
leaf thickness		3	3	3
number of screw holes		6	6	8
for countersunk wood screws by DIN 97 Ø		4,5	4,5	4,5
	f1	12	11,5	15
	f2	28	38,5	30
	f3	28	38,5	30
	f4	-	-	30



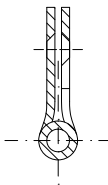
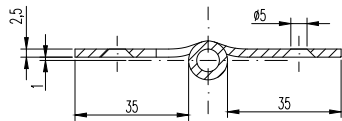
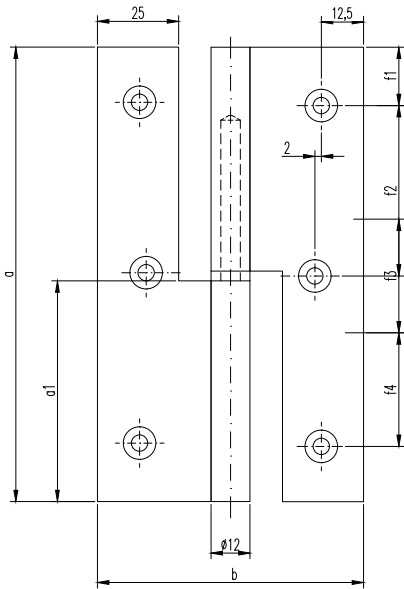
Stainless steel
for blunt doors

12 mm roll-Ø
2,5 mm leaf thickness



- rolled version
- with fixed pin
- with intermediate ring
- intermediate ring and cylinder head also in V 4 A available
- screws optional in all surfaces available

Corners:



Values in millimeters

capacity with two hinges	30 kg	40 kg
hinge length a	80	100
flap a1	38,5	48,5
opened width b	82	82
roll-Ø	12	12
pin-Ø	7	7
leaf width from roll	35	35
ridge width	25	25
leaf thickness	2,5	2,5
number of screw holes	6	6
for countersunk wood screws by DIN 97 Ø	4,5	4,5
f1	10	12,5
f2	30	38
f3	30	38

Article number

12

Version:

12 mm Ø
straight

Lengths:

08. 80 mm
10. 100 mm

Surfaces:

01. grinded and brushed
02. blasted

DIN Version:

6. right
7. left

Corners:

0. angular
6. six rounded corners



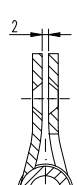
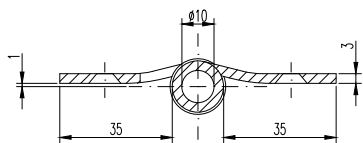
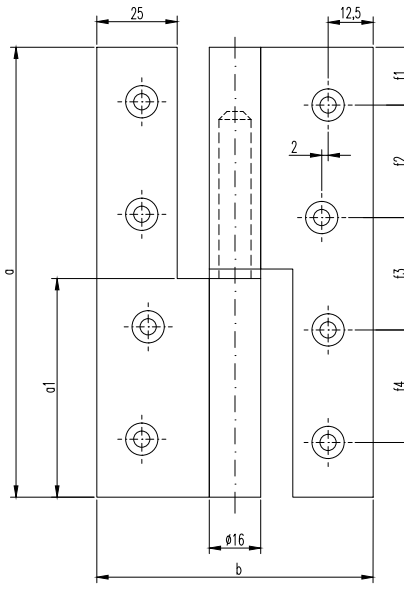
Stainless steel
for blunt doors

16 mm roll-Ø
from 3,0 mm leaf thickness



- rolled Version
- with fixed pin
- with intermediate ring and cylinder head also in V 4 A available
- screws optional in all surfaces available

Corners:



Values in millimeters

capacity with two hinges	50 kg	60 kg	80 kg	100 kg
hinge length a	100	120	140	160
flap a1	48,5	58,5	68,5	78,5
opened width b	86	86	86	86
roll-Ø	16	16	16	16
pin-Ø	10	10	10	10
leaf width from roll	35	35	35	35
ridge width	25	25	25	25
leaf thickness	3,0	3,0	3,0	3,0
number of screw holes	6	8	8	8
for countersunk wood screws by DIN 97 Ø	4,5	4,5	4,5	4,5
f1	11,5	14,5	17,5	17,5
f2	38,5	30	35	41
f3	38,5	30	35	43

Article number

100

Version:

16 mm Ø
straight

Lengths:

1. 100 mm
2. 120 mm
3. 140 mm
4. 160 mm

Surfaces:

01. grinded and brushed
02. blasted

DIN Version:

6. right
7. left

Corners:

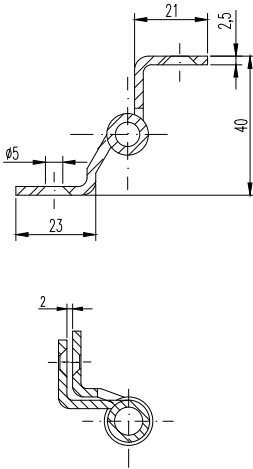
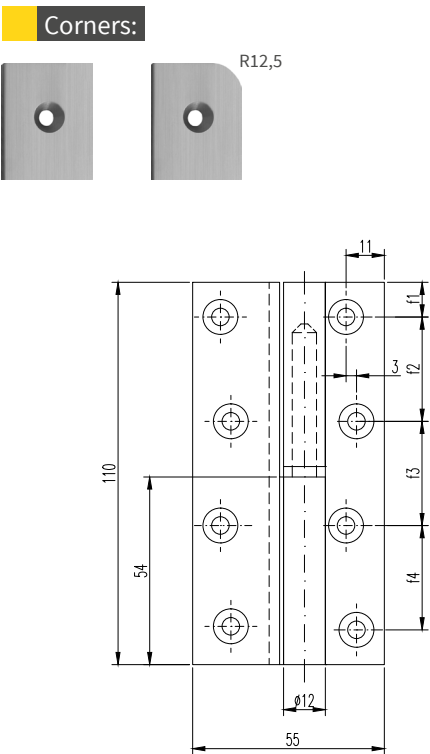
0. angular
6. six rounded corners



Stainless steel
for rebated doors

12 mm roll-Ø
2,5 mm leaf thickness

- rolled version
- with fixed pin
- with intermediate ring
- intermediate ring and cylinder head also in V 4 A available
- screws optional in all surfaces available



Values in millimeters

capacity with two hinges	40 kg
hinge length a	100
flap a1	68,5
opened width b	55
roll-Ø	12
pin-Ø	7
leaf width/ flap	23
outer post for door leaf width	21
leaf thickness	2,5
number of screw holes	8
for countersunk wood screws by DIN 97 Ø	5
f1	10
f2	30
f3	30
f4	30

Article number

12

Version:

12 mm Ø cranking D 13

Lengths:

1. 100 mm

Surfaces:

01. grinded and brushed
02. blasted

DIN Version:

6. right
7. left

Corners:

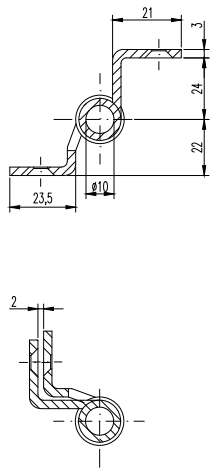
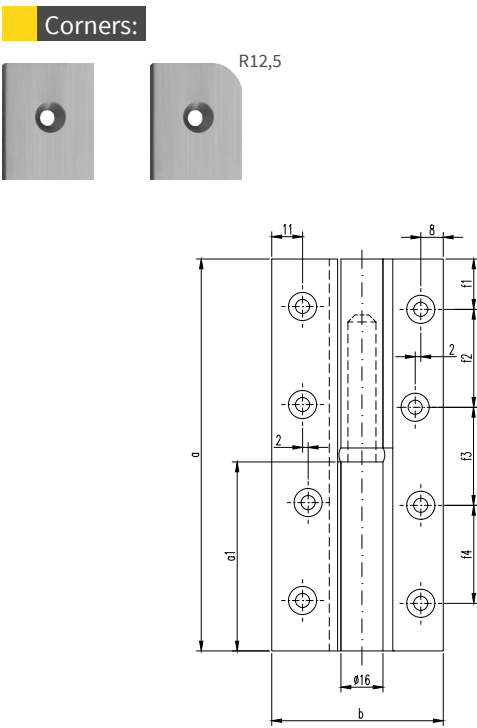
0. angular
4. four rounded corners



Stainless steel
for blunt doors

16 mm roll-Ø
from 3,0 mm leaf thickness

- rolled version
- with fixed pin
- with intermediate ring and cylinder head
- intermediate ring and cylinder head also in V 4 A available
- screws optional in all surfaces available



Values in millimeters

capacity with two hinges	50 kg	60 kg	80 kg	100 kg
hinge length a	100	120	140	160
flap a1	48,5	58,5	68,5	78,5
opened width b	59,5	59,5	59,5	59,5
roll-Ø	16	16	16	16
pin-Ø	10	10	10	10
leaf width / flap	23,5	23,5	23,5	23,5
outer post for door leaf width	21	21	21	21
leaf thickness	3	3	3	3
number of screw holes	6	8	8	8
for countersunk wood screws by DIN 97 Ø	4,5	4,5	4,5	4,5
f1	11,5	14,5	17,5	17,5
f2	38,5	30	35	41
f3	38,5	30	35	43
f4	-	30	35	41

Article number

101

Version:

16 mm Ø straight

Lengths:

1. 100 mm
2. 120 mm
3. 140 mm
4. 160 mm

Surfaces:

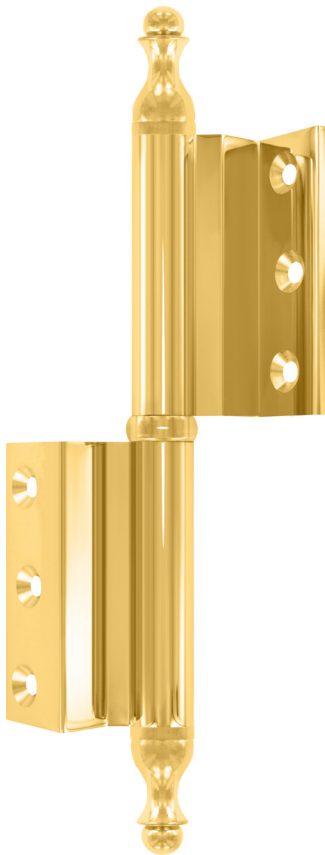
01. grinded and brushed
02. blasted

DIN Version:

6. right
7. left

Corners:

0. angular
4. four rounded corners

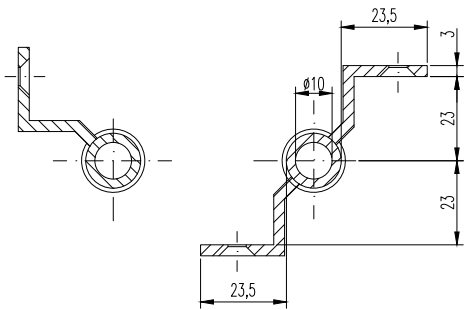
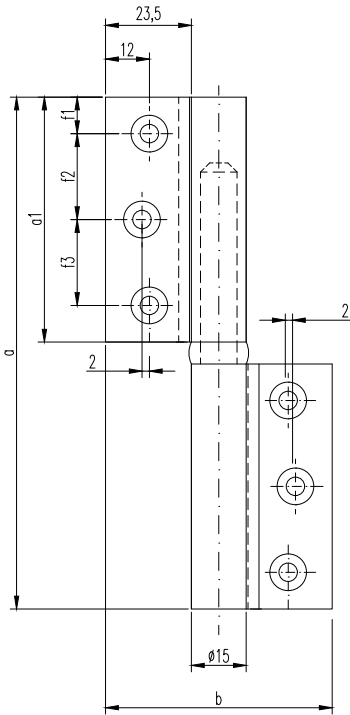


KS-Hinge
Brass door lift-off hinge
cranking D13
for rebated doors

15 mm roll-Ø
3 mm leaf thickness

Consisted of brass profile material
· milled and drilled
· with steel pin and ball bearing

Available final tips
Nr. 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9



Final tip:



1. cylindrical



2. ZK 9a



3. ZK 19



4. ZK 9



5. ZK A



6. ZK B



8. ZK E



9. ZK D

Article number

1

Version:

15 mm Ø
23,5 mm leaf width
3 mm leaf thickness

4

Lengths:

4. 140 mm

Surfaces:

- 01. Brass polished
- 02. Brass matt
blasted or brushed
- 03. nickel-plated matt
blasted or brushed
- 04. nickel-plated polished
- 05. antique
- 06. burnished
- 07. tin-plated
- 08. gold-plated
- 09. chromium-plated polished
- 10. chromium-plated matt
blasted or brushed
- 11. black
- 12. white
- 13. tin 2.0
- 14. nickel dark polished
- 15. nickel dark matt
blasted or brushed
- 16. copper

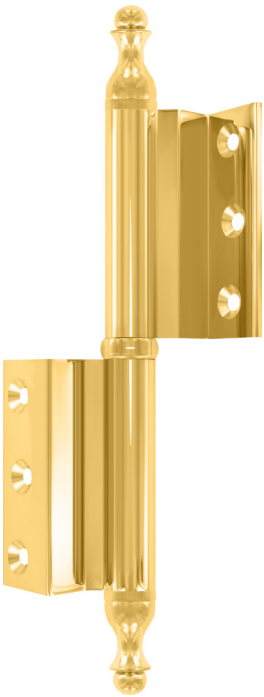
Final tip:

- 1. cylindrical
- 2. ZK 9a
- 3. ZK 19
- 4. ZK 9
- 5. ZK A
- 6. ZK B
- 8. ZK E
- 9. ZK D

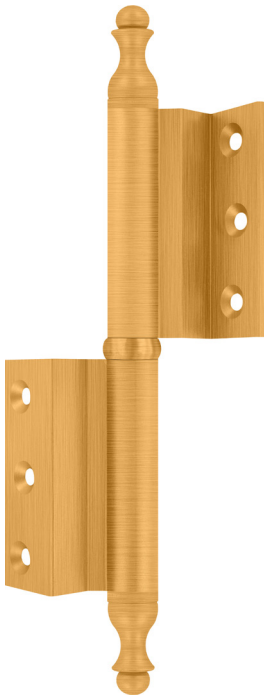
DIN Version:

- 6. right
- 7. left

Surfaces



01 | Brass polished



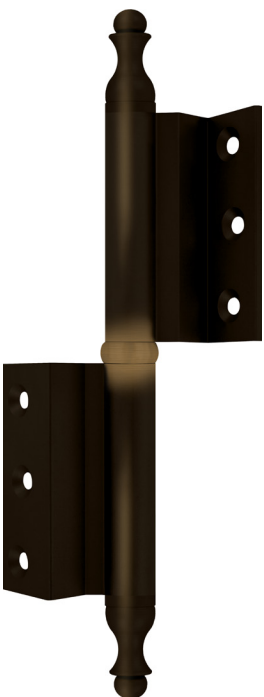
02 | Brass matt
blasted/brushed



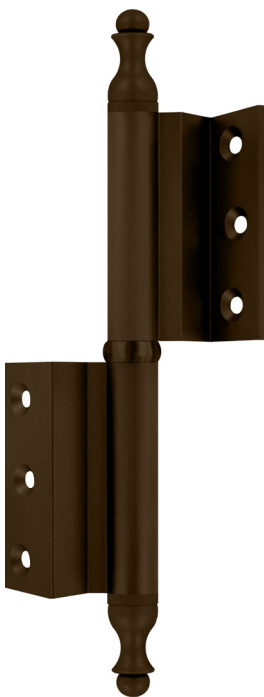
03 | nickel-plated matt
blasted/brushed



04 | nickel-plated polished



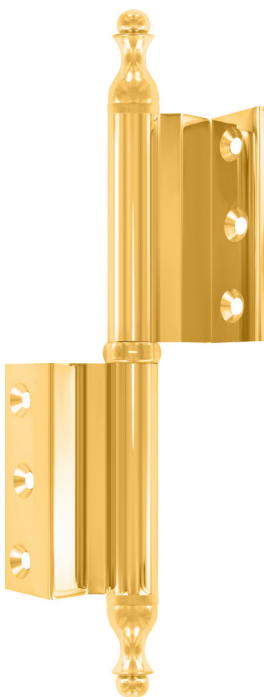
05 | antique



06 | burnished



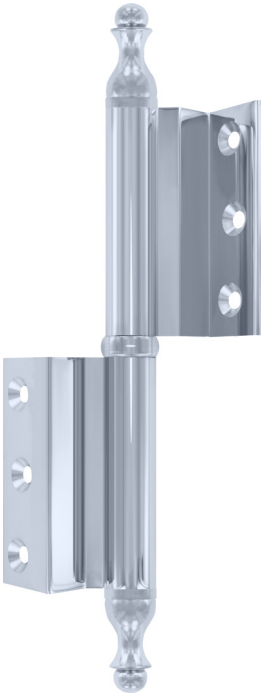
07 | tin-plated



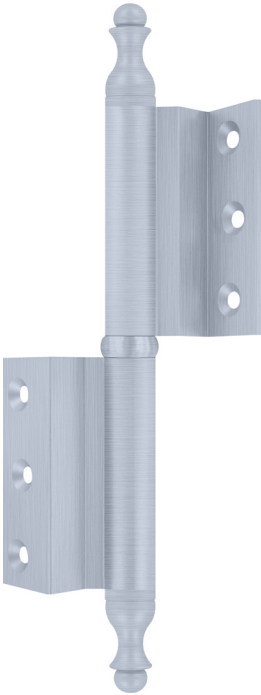
08 | gold-plated

More surfaces >

Surfaces



09 | chromium-plated polished



10 | chromium-plated matt
blasted/brushed



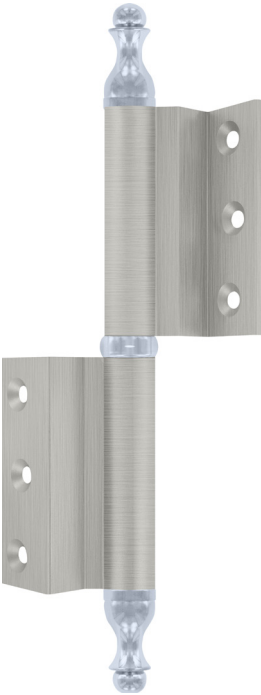
11 | black



12 | white



nickel dark polished
chromium-plated polished



Stainless steel finish
chromium-plated polished



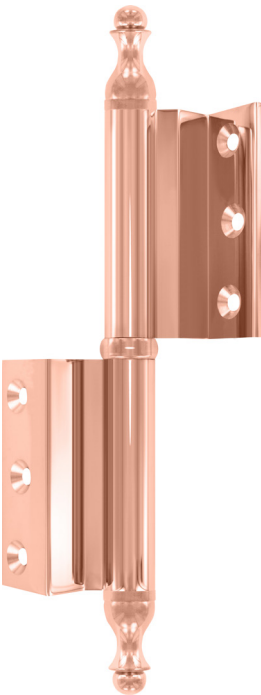
13 | tin 2.0



14 | nickel dark polished



15 | nickel dark matt
blasted/brushed



16 | copper



tin 2.0
nickel-plated polished



nickel dark brushed
Brass polished

Bi-Color can also be manufactured in the colours of your door handle set.

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