



# Kroon

Locks and hardware for ships and yachts



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Lloyd's Register  
LRQA

## CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of:

**Kroon B.V.  
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9601 ME Hoogezand  
The Netherlands**

has been approved by Lloyd's Register Quality Assurance  
to the following Quality Management System Standard:

**ISO 9001 : 2008**

The Quality Management System is applicable to:

**Purchasing, storing and selling of technical products  
to building contractors, industry and shipbuilding.**

This certificate is valid only in association with the certificate schedule bearing the same number  
on which the locations applicable to this approval are listed.

Approval Certificate No: RQA652957	Original Approval	:	19 June 1998
	Current Certificate	:	1 July 2016
	Certificate Expiry	:	14 September 2018

Issued by: Lloyd's Register Nederland B.V.



K.P. van der Mandelelaan 41a, 3062 MB Rotterdam, Nederland

This approval is carried out in accordance with the LRQA assessment and certification procedures and monitored by LRQA



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Chamber of Commerce: 02323078

Kroon supplies shipyards, ships carpenters, interior designers and ships architects worldwide with a highly extensive range of items. Central to this range is a special selection of high-quality, seawater resistant locks and ships hardware.

We specialize in:

- Seawater resistant hinges and locks
- Ships hardware
- Modified hardware for luxury yachts
- Ships furniture
- Tools, machines and engine room equipment
- Complete interiors (wall panels, ceilings, profiles and fire-resistant doors)
- Adhesives and sealants
- Professional maintenance and repair products

### Explanation of abbreviations used.

In this catalogue the following abbreviations are used:

Abbreviation	Description
BSC	brass, satin chrome
BP	brass, polished
BPC	brass, polished chrome
B	brass, unpolished
BN	brass, nickel-plated
BSN	brass, satin nickel-plated
BC	brass, chrome
AA	anodized aluminum
SS	stainless steel 304 (A2) satin, unless indicated differently
ZAMAC	cast zinc alloy
ZAMNICK	cast zinc alloy, nickel-plated
NB	noble brass
KH 75	Key Hole, centres 75mm
PC 75	Profile Cylinderhole, centres 75mm
WC 75	Bathroom indicationhole, centres 75mm
RC 75	Round Cylinderhole, centres 75mm

## Delivery time

We deliver the bold mentioned article numbers in this catalogue from stock.  
 Article numbers in italic can be supplied in a short time.

## Lock types

Locks are available with:

Lever keys.  
 Also available with master key system.  
 Lock type indicated with "H".

Cylinders.  
 Available with:  
 Master - key system "ZH"  
 Grand - masterkey system "ZGH".

## Rotation direction doors

### Mortice locks:

We always use the DIN (German Industrial Standard) standard, with the exception of locks of Dutch brands such as Nemeff.



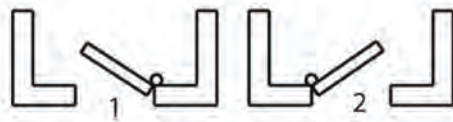
DIN left

DIN right

### Rim locks:

day latch bolt  
reversed

day latch bolt  
reversed



1

2



3

4

**Lift-off hinges:**



DIN Left

DIN Right

**SPECIAL PRODUCTS Custom made**

Although we have a wide range of products you may require something which is not standard. Kroon B.V. is your answer; in most cases we can find a solution for your specific demand.

Also, Kroon BV has an expert purchasing department with world-wide connections. This makes it possible to look for existing solutions to your problems concerning ships hardware.

**Terms and conditions**

We use VERTAZ terms and conditions. A copy of these terms and conditions can be sent to you on request.

**Misprints reserved.**

Changes in material and construction reserved.



## SHIP'S CYLINDERS

### KROON PROFILE CYLINDERS Without master key system

Seawater - resistant euro profile cylinders for ships in seawater resistant material.

Extended versions up to 240mm are also possible and the cylinders can be mounted with various kinds of knobs.

Keyed alike cylinders are available on request.

Masterkey and General masterkey system are available on request.

#### PROFILE CYLINDER SINGLE 0/30.5mm

Seawater - resistant, three keys included.

material

- brass satin chrome
- brass polished chrome
- brass polished

#### PROFILE CYLINDERS DOUBLE 30,5/30,5 61mm

Seawater - resistant, three keys included.

material

- brass satin chrome
- brass satin chrome
- brass polished
- brass polished chrome

#### PROFILE CYLINDERS DOUBLE extended

Seawater - resistant, three keys included.

Extended version of the 61mm cylinder.

- 2x size: cylinder extended on both sides

- 1x size: cylinder extended on one side

Other sizes and materials available on request.

material	extension	size
brass satin chrome	2 x 5mm	35,5/35,5
brass satin chrome	2 x 10mm	40,5/40,5
brass polished chrome	2 x 10mm	40,5/40,5
brass satin chrome	1 x 10mm	30,5/40,5
brass satin chrome	1 x 20mm	30,5/50,5
brass satin chrome	1 x 30mm	30,5/60,5
brass polished chrome	1 x 30mm	30,5/60,5
brass satin chrome	1 x 35mm	30,5/65,5
brass satin chrome	1 x 40mm	30,5/70,5
brass polished chrome	1 x 40mm	30,5/70,5

#### PROFILE CYLINDERS DOUBLE 54mm 27/27

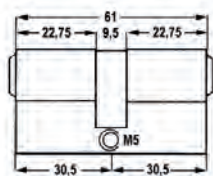
Seawater - resistant, three keys included.

To be combined specifically with locks series 4040 and 969.

material

- brass satin chrome
- brass polished
- brass polished chrome





## KNOB PROFILE CYLINDERS DOUBLE 61mm 30,5/30,5

Seawater - resistant, three keys included.

material

- brass satin chrome
- brass polished chrome
- brass polished

## KNOB PROFILE CYLINDERS DOUBLE extended

Seawater - resistant, three keys included.

Extended version of the 61mm. knobcylinder.

- 2x size: cylinder extended on both sides

- 1x size: cylinder extended on one side

Other sizes available on request.

material	extension	size
brass satin chrome	2 x 10mm	40,5/40,5
brass polished chrome	2 x 10mm	40,5/40,5
brass satin chrome	1 x 10mm	30,5/40,5
brass polished chrome	1 x 10mm	30,5/40,5
brass satin chrome	1 x 20mm	30,5/50,5
brass satin chrome	1 x 25mm	30,5/55,5
brass satin chrome	1 x 30mm	30,5/60,5
brass satin chrome	1 x 40mm	30,5/70,5
brass polished chrome	1 x 40mm	30,5/70,5
brass satin chrome	1 x 40mm	30,5/70,5

## KNOB PROFILE CYLINDERS DOUBLE 54mm 27/27

Seawater - resistant, three keys included.

To be combined specifically with GSV locks: series 4040 and 969.

material

- brass satin chrome
- brass polished
- brass polished chrome

## PROFILE CYLINDERS 46mm 22,5/22,5 for thin doors

Seawater - resistant, three keys included.

To be combined specifically with locks series 4040 and 969.

material

- brass polished
- brass satin chrome

## KROON PROFILE CYLINDERS Without master key system Not seawater - resistant

Standard cylinders.

## KNOB PROFILE CYLINDERS DOUBLE 61mm 30,5/30,5

Not seawater - resistant. Three keys included.

material	extension	size
nickel-plated brass	none	30,5/30,5
nickel-plated brass	2 x 10mm	40,5/40,5

## SHIP'S LOCKS

### MORTICE LOCKS 3211

Heavy duty mortice locks for ships.

Can also be used for B15 fire-proof doors.

-Standard size of the lockcase 158 x 82 x 19mm.

-Frontplate 210 x 25mm, backset 55mm.

-Spindle hole 9 x 9mm.

-Standard distance between centre handle hole and centre Profile Cylinder (PC) or Keyhole (KH) 75mm also applies to bathroom locks.

Standard locks are supplied in top-quality brass. Cabin door locks do not have a hole for an ajar hook. A one-piece latch-bolt can be ordered.

### MORTICE LOCKS HEAVY DUTY 3211Z

Heavy duty mortice lock with profile cylinder hole to suit cabin doors. Made from high-quality brass. Supplied with an anti-vibration 3-piece latch-bolt.

-Size of the lockcase 158 x 82 x 19mm.

-Frontplate 210 x 25mm.

-Backset 55mm.

-Centres 75mm.

Can be ordered with a one-piece latch-bolt. The locks in brass polished and brass polished chrome-plated are supplied with a striking plate. The locks in brass satin chrome-plated are supplied without a striking plate.

material	handing
735010 BSC	left
735011 BSC	right
735012 BP	left
735013 BP	right
735014 BPC	left
735015 BPC	right

### MORTICE LOCKS HEAVY DUTY 3211WC

Heavy duty mortice lock for bathroom doors. Made from high quality brass. Supplied with an anti-vibration 3-piece latch-bolt.

-Size of the lockcase 158 x 82 x 19mm.

-Frontplate 210 x 25mm.

-Backset 55mm.

-Centres 75mm.

Can be ordered with a one-piece latch-bolt. The locks in brass polished and brass polished chrome are supplied with a striking plate. The locks in brass satin chrome-plated do not include a striking plate.

material	handing
735040 BSC	left
735041 BSC	right
735042 BP	left
735043 BP	right
735044 BPC	left
735045 BPC	right



Art. nr.



**730085**  
**730086**  
**730087**  
**730088**



**735020**  
**735021**  
**735022**  
 735023  
**735024**  
**735025**



730095  
 730096



**735000**  
**735002**  
**735001**  
**735003**  
 735004  
**735005**

## STRIKING PLATES

Can be used for 3211H, 3211Z and 3211WC locks.

material	handing
BSC	left
BSC	right
BP	left
BP	right

## MORTICE LOCKS HEAVY DUTY 3211F

Heavy duty mortice lock for inside doors. Made from high quality brass. Supplied with an anti-vibration 3-piece latch-bolt.

- Size of the lockcase 158 x 82 x 19mm.
- Frontplate 210 x 25mm.
- Backset 55mm.

Can be ordered with one-piece latch-bolt. The locks in brass polished and brass polished chrome-plated are supplied with a striking plate. The locks in brass satin chrome-plated do not include a striking plate.

material	handing
BSC	left
BSC	right
BP	left
BP	right
BPC	left
BPC	right

## STRIKING PLATES 3226F

Can be used for 3211F locks.

material	handing
BSC	left
BSC	right

## MORTICE LOCKS HEAVY DUTY 3211H

Heavy duty mortice lock with lever key for cabin doors with a Master Key System. Made from high-quality brass. Supplied with an anti-vibration 3-piece latch-bolt. Can be ordered with a one-piece latch-bolt.

- Size of the lockcase 158 x 82 x 19mm.
- Frontplate 210 x 25mm.
- Backset 55mm.
- Centres 75mm.

The locks in brass polished and brass polished chrome-plated are supplied with a striking plate. The locks in brass satin chrome-plated do not include a striking plate.

material	handing
BSC	left
BSC	left (Keyed alike)
BSC	right
BSC	right (Keyed alike)
BP	left
BP	right

## DOORHANDLES 4410 9x9mm

Doorhandles for 3211 locks. The doorhandles can be supplied in various models with spindle 9 x 9mm. Made from various materials, in different finishes. The doorhandle goes all the way up to the lock, which ensures easy mounting and a stable, longlasting bearing.

## DOORHANDLES 4410

A half sabre-shaped model, 115mm, used for mortice locks. These door handles are supplied in pairs.

material

730100	BSC
730102	BP
730103	SS
730104	BSC, female part
730109	BPC



## DOORPLATES 6645 AND 3343

Doorplates for 3211 locks. With large bush for extra heavy bearing. The nylon bearing is mounted to the extension bushes near the through bolts, which prevents compression of the door plates. Very easy to mount.

## SHORT DOORPLATES 6645

Size: 165 x 45 x 6mm. Handle hole 17mm. These door plates are supplied in pairs, through-bolts included.

-KH 75 = centres 75mm.

-PC 75 = centres 75mm.

Bathroom hardware: centres 75mm, with square spindle measuring 7 x 7mm.

material                      type                      construction

730200	BSC	KH 75	-
730201	BP	KH 75	-
730203	BSC	KH 75	round hole
730204	BSC	KH 75	square hole
730210	BSC	PC 75	-
730211	BP	PC 75	-
730212	BSC	PC 75	round hole
730217	SS	PC 75	round hole
730218	SS	PC 72	-
730220	BSC	blind	-
730221	BP	blind	-
730227	SS	blind	-
730240	BSC	WC 75	-
730241	BP	WC 75	-
730247	SS	WC 75	-



## LONG DOORPLATES 3343

Size: 230 x 40 x 6mm, with round upper and bottom side.

These doorplates are supplied in pairs, without bolts.

-KH, PC and bathroom door plate centres 75mm.

-Square spindle bathroom 7 x 7mm.

Also available in brass polished or brass polished chrome finish.

material                      type

730260	BSC	PC 75
730265	BSC	blind



Art. nr.



730055

### MORTICE LOCKS 1172Z

Heavy duty mortice lock for profile cylinder. Can be used on left and right.

### MORTICE LOCKS HEAVY DUTY 1172Z

Heavy duty mortice deadlock for profile cylinder. Made from high-quality brass. Standard available without striking plate.

- Size of the lockcase 75 x 80 x 16mm.
- Frontplate 125 x 25mm.
- Backset 55mm.

material

BSC



730058  
730059

### STRIKING PLATES 3241

Matching 1172Z deadlocks.

material

BSC

BP

### MORTICE LOCKS 3800 Stainless Steel

Heavy duty stainless steel mortice locks for ships and fireproof doors.

Also to be used in B-doors.



73001400  
73001500

### HEAVY DUTY MORTICE CYLINDER LOCKS 3810Z

Heavy duty mortice cylinder lock for profile cylinder. Lock case SS, with 3-piece anti-vibration latch-bolt and.

- Size of the lockcase: 158 x 82 x 19mm.
- Frontplate 210 x 25mm.
- Backset 55mm.
- Spindle hole 9 x 9mm.
- Centres 75mm.

These locks are supplied without a striking plate.

material

handing

SS

left

SS

right



735016  
735017

### HEAVY DUTY MORTICE CYLINDER LOCKS 3801Z

Heavy duty mortice cylinder lock for profile cylinder.

SS Lock case and SS polished front- and strikingplate. With one-piece latch-bolt without hole for an ajar hook.

- Size of the lockcase: 158 x 82 x 19mm.
- Frontplate 210 x 25mm.
- Backset 55mm.
- Spindle hole 9 x 9mm.
- Centres 75mm.

These locks are supplied with a striking plate.

material

handing

SS polished

left

SS polished

right

### HEAVY DUTY MORTICE LOCK WITH ANTI-PANIC FUNCTION 3801APZ

Heavy duty mortice lock with anti-panic for profile cylinder. SS casing and SS front- and striking plate. With one-piece latchbolt without hole for ajarhook. With latch lever.

Size of lockcase: 158 x 82 x 19mm

Frontplate 210 x 25mm

Backset 55mm

Spindle hole 9x9mm

Centres PC 75mm

These locks are supplied without striking plate.

material	handing
----------	---------

SS	left
----	------

SS	right
----	-------

730033

730034

### HEAVY DUTY CYLINDER MORTICE DEADLOCK 3801ZR

Heavy duty cylinder mortice deadlock. SS lock case.

-Size of the lock case: 158 x 82 x 19mm.

-Front plate 210 x 25mm.

-Backset 55mm.

-Spindle hole 9 x 9mm.

These locks are supplied without a striking plate.

material
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SS
----

730028

### HEAVY DUTY BATHROOM MORTICE LOCKS 3896K

Heavy duty bathroom mortice lock. SS lock case with 3-piece anti-vibration latch-bolt.

-Size of the lock case 158 x 82 x 19mm.

-Front plate 210 x 25mm.

-Backset 55mm.

-Spindle hole 9 x 9mm.

-For indicating bolt 7 x 7mm.

-Centres 75mm.

These locks are supplied without a striking plate.

material	handing
----------	---------

SS	left
----	------

SS	right
----	-------

73004400

73004500

### STRIKING PLATES 5626

Matching 3811Z and 3896K locks. With long tab.

material	handing
----------	---------

SS	left
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SS	right
----	-------

730081

730082



Art. nr.



**730024**  
**730025**

### HEAVY DUTY MORTICE LATCH 3810F

Heavy duty mortice latch. SS lock case with 3-piece anti-vibration latch-bolt.

- Size of the lock case 158 x 82 x 19mm.
- Frontplate 210 x 25mm.
- Backset 55mm.
- Spindle hole 9 x 9mm.

These locks are supplied without a striking plate.

material	handing
SS	left
SS	right



**730083**  
**730084**

### STRIKING PLATES 5626F

Matching 3801F locks.

material	handing
SS	left
SS	right



**730103**

### DOORHANDLES SS 2210

Doorhandles for locks from the 3800 range. These doorhandles can be supplied in various models with a spindle measuring 9 x 9mm and made from different materials, in different finishes. The doorhandle goes all the way up to the lock, which ensures easy mounting and a stable, long-lasting bearing.

### DOORHANDLES 2210

Half sabre-shaped model, 115mm, for mortice locks. These doorhandles are supplied in pairs. Same model as the 4410.

material
SS

### DOORPLATES SS 3800

Doorplates for 3800 locks. With large bush for extra heavy bearing. The nylon bearing is mounted to the extension bushes near the through bolts, which prevents compression of the doorplates. Very easy mounting.

### SHORT DOORPLATES 6645

Size: 165 x 45 x 6mm. Handle hole 17mm. These doorplates are supplied in pairs, through-bolts included.

- Centres 75.
- For bathroom model: 75mm, with square spindle measuring 7 x 7mm.



**730217**  
**730227**  
**730247**  
**730218**

material	type	construction
SS	PC 75	round hole
SS	blind	-
SS	WC 75	-
SS	PC 72	-

### MORTICE LOCKS 3816

Mortice locks for A-type fireproof doors special 1-point locks made from galvanized steel, with a SS frontplate and an extra long one-piece latchbolt (16mm). Available in latch or cylinder lock.

### MORTICE LATCHES 3816F

Mortice latch for type-A fireproof doors.  
 -Size of the lockcase 158 x 82 x 19mm.  
 -SS frontplate 210 x 25mm.  
 -Backset 55mm.  
 -Spindle hole 9 x 9mm.  
 -Centres 75mm.

These locks are supplied without a striking plate.

material	handing
SS	left
SS	right

730026  
730027



### CYLINDER MORTICE LOCKS 3816Z

Cylinder mortice locks for A-type fireproof doors.  
 -Extra long (16mm) latch bolt.  
 -Size of the lockcase 158 x 82 x 19mm.  
 -SS frontplate 210 x 25mm.  
 -Backset 55mm.  
 -Spindle hole 9 x 9mm.  
 -Centres 75mm.

These locks are supplied without a striking plate.

material	handing
SS	left
SS	right

730016  
730017



### MORTICE LOCKS 2412

3-point mortice lock for A60 fireproof doors. The complete lock consists of: 1 mortice lock in the middle, which can be operated centrally and two latches above and below, which are operated simultaneously.

### 3-POINT MORTICE LOCKS 2412ZM

Middle mortice lock with a cylinder hole for 3-point A60 lock, made from galvanized steel.  
 -Size of the lockcase 165 x 98 x 15mm.  
 -Frontplate 235 x 24mm.  
 -Backset 65mm.  
 -Spindle hole 9 x 9mm.  
 -Centres 72mm.  
 -With an extra long 16mm latch-bolt.  
 These locks are supplied without a striking plate.

material	handing
galvanized steel	left
galvanized steel	right

730060  
730061



Art. nr.



**730062**  
**730063**

### 3-POINT MORTICE LOCKS 2412FOU

Lock for above and below. for 3 point A-60 lock, galvanized steel.

-Size of the lockcase: 100 x 98 x 15mm.

-Frontplate 170 x 24mm.

-This lock has an extra long 16mm latch-bolt.

The locks are supplied without a striking plate.

material	handing
----------	---------

galvanized steel	left
------------------	------

galvanized steel	right
------------------	-------

### DOORHANDLES 4412 / 2210A

Doorhandles for locks. The doorhandles can be supplied in various models, with a spindle measuring 9 x 9mm. Available in several finishes.



**730106**  
**73010310**

### DOORHANDLES 4412 / 2210A

Half sabre-shaped model, 115mm, for rim locks and A60 firedoors. Suitable for a doorthickness up to 60mm, with prolonging bushes 2 x 15mm. These doorhandles are supplied in pairs.

material

BSC

SS

### DOORPLATES 6645

Doorplates for locks. With large bush for extra heavy bearing.

The nylon bearing is mounted to the prolonging bushes

near the through bolts, which prevents compression of the

doorplates. Very easy to mount.



**730220**  
**730210**  
**730227**  
**730214**  
**730218**

### SHORT DOORPLATES 6645

Size: 165 x 45 x 6mm.

Hole for the handle 17mm.

These doorplates are supplied in pairs, throughbolts included.

material	type	construction
BSC	blind	-
BSC	PC 75	-
SS	PC 75	-
BSC	PC 72	-
SS	PC72	-

## MORTICE LOCKS 4040K

A range of mortice locks for doors on yachts. Available in brass polished, brass satin chrome or brass polished chrome finish. Available with a 40mm or 50mm backset. With an anti-vibration 3-piece latch-bolt. We advise you to use the original doorhandles (type 5969) matching these locks. Also available with one-piece latchbolt.

## MORTICE LOCKS WITH DEADLOCK For lever key 4040K

Brass mortice lock for lever key.

- Size of the lockcase with a 40mm. backset: 141 x 70 x 11mm.
- Size of the lockcase with a 50mm. backset: 141 x 80 x 11mm.
- Frontplate 200 x 20mm.
- Spindle hole 8 x 8mm.
- Centres 60mm.

These locks are supplied with a striking plate.

	material	handing	backset
735810	BSC	left	40mm
735811	BSC	right	40mm
735815	BP	left	40mm
735816	BP	right	40mm
735817	BPC	left	40mm
735818	BPC	right	40mm
735846	BSC	left	50mm
735847	BSC	right	50mm
735848	BP	left	50mm
735849	BP	right	50mm

## MORTICE LOCKS WITH DEADLOCK For profile cylinder 4040ZK

Brass mortice locks including deadlock for profile cylinders.

- Size of the lockcase with a 40mm. backset: 141 x 70 x 11mm.
- Size of the lockcase with a 50mm. backset: 141 x 80 x 11mm.
- Frontplate 200 x 20mm.
- Spindle hole 8 x 8mm.
- Centres 60.

These locks are supplied with a striking plate.

	material	handing	backset
735820	BSC	left	40mm
735821	BSC	right	40mm
735825	BP	left	40mm
735826	BP	right	40mm
735827	BPC	left	40mm
735828	BPC	right	40mm
735852	BSC	left	50mm
735853	BSC	right	50mm
735854	BP	left	50mm
735855	BP	right	50mm





**735830**  
**735831**  
**735835**  
**735836**  
**735837**  
**735838**  
**735858**  
**735859**  
**735860**  
**735861**



**730896**  
**730897**  
 730898  
 730892  
 730893



**735800**  
**735801**  
**735805**  
**735806**  
**735808**  
**735809**  
**735840**  
**735841**  
 735842  
 735843

## BATHROOM MORTICE LOCKS 4040WCK

Brass mortice lock for bathrooms.

-Size of the lockcase with a 40mm. backset: 141 x 70 x 11mm.

-Size of the lockcase with a 50mm. backset: 141 x 80 x 11mm.

-Frontplate 200 x 20mm.

-Spindle hole 8 x 8mm and 7 x 7 for the bathroom indicator.

-Centres 60mm.

These locks are supplied with a striking plate.

material	handing	backset
BSC	left	40mm
BSC	right	40mm
BP	left	40mm
BP	right	40mm
BPC	left	40mm
BPC	right	40mm
BSC	left	50mm
BSC	right	50mm
BP	left	50mm
BP	right	50mm

## STRIKING PLATES 4026

Matching 4040, 4040Z and 4040WC locks.

material	handing
BSC	right
BP	left
BP	right
BPC	left
BPC	right

## MORTICE LATCH 4040FK

Brass mortice latch.

-Size of the lockcase with a 40mm. backset: 141 x 70 x 11mm.

-Size of the lockcase with a 50mm. backset: 141 x 80 x 11mm.

-Frontplate 200 x 20mm.

-Spindle hole 8 x 8mm.

These locks are supplied with a striking plate.

material	handing	backset
BSC	left	40mm
BSC	right	40mm
BP	left	40mm
BP	right	40mm
BPC	left	40mm
BPC	right	40mm
BSC	left	50mm
BSC	right	50mm
BP	left	50mm
BP	right	50mm

730899  
730900  
730901  
730902  
730903  
730904

## STRIKING PLATES 4026

Matching 4040F mortice latches.

material	handing
BSC	left
BSC	right
BP	left
BP	right
BPC	left
BPC	right

## DOORHANDLES 5969

Doorhandles for locks from the 4040 series. The doorhandles can be supplied in various models and made from different materials, in different finishes.

### DOORHANDLES 5969

Complete set of doorhandles, including door plates. The doorhandles are supplied in pairs.

- Handle length 100mm, sabre-shaped model.
- Size of the short door plates 170 x 30 x 2mm.
- Centres (KH) and centres round cylinder hole (RC) 60mm.
- Also applies to the bathroom type (WC).
- Handle spindle 8 x 8mm.
- Bathroom spindle 7 x 7mm.

730875  
730876  
730877  
730880  
730881  
730882  
730870  
730871  
730872  
730885  
730886  
730887

material	type
BSC	KH 60
BP	KH 60
BPC	KH 60
BSC	PC 60
BP	PC 60
BPC	PC 60
BSC	blind
BP	blind
BPC	blind
BSC	WC 60mm
BP	WC 60mm
BPC	WC 60mm

### DOORHANDLES 4410 8x8mm.

Matching doorhandles for 4040 locks. The doorhandles can be supplied in various models with a square spindle measuring 8 x 8mm, and made from different materials in different finishes. The doorhandle goes all the way up to the lock, which ensures easy mounting and a stable, longlasting bearing.

### DOORHANDLES 4410

Half sabre-shaped model, 115mm, for mortice locks. These doorhandles are supplied in pairs, without doorplates.

730111  
730113

material
BSC
BP





**730215**  
**730216**  
**730245**  
**730246**  
**730220**  
**730221**  
**730205**  
**730206**

## DOORPLATES spindle 7x7mm.

Doorplates matching 4040 locks.

## SHORT DOORPLATES 6645

-Size: 165 x 45 x 6mm.

-Handlehole 17mm.

-With a square spindle measuring 7 x 7mm (WC).

These doorplates are supplied in pairs, throughbolts included.

material	type
BSC	PC 60
BP	PC 60
BSC	WC 60
BP	WC 60
BSC	blind
BP	blind
BSC	KH 60
BP	KH 60

## MORTICE LOCKS 968

A series of high-quality locks for small doors on yachts.

Made from brass and available in brass polished or brass

satin chrome-plated. We advise you to use the original

doorhandles (type 5968) matching these locks.



**730730**  
**730731**  
**730735**  
**730736**

## MORTICE LOCKS 968 For lever keys.

Brass mortice lock including deadlock with lever key.

Standard supply includes two lever keys.

-Size of the lockcase 95 x 54 x 12mm.

-Frontplate 135 x 18mm.

-Backset 30mm.

-Spindle hole 7 x 7mm.

-Centres 55mm.

These locks are supplied with a striking plate.

material	handing
BSC	left
BSC	right
BP	left
BP	right



**730651**  
**730652**  
**730654**  
**730655**  
**73065500**  
 73065501

## MORTICE LOCKS 968Z With cylinder.

Brass mortice lock including deadlock with cylinder. Standard

supply includes two keys and the cylinder can be operated on

both sides.

-Size of the lockcase 95 x 54 x 12mm.

-Front plate 135 x 18mm.

-Backset 30mm.

-Spindle hole 7 x 7mm.

-Centres 56mm.

-Cylinder length 54mm.

These locks are supplied with a striking plate.

material	handing
BSC	left
BSC	right
BP	left
BP	right
BPC	left
BPC	right

**MORTICE LOCKS 968ZK With knobcylinder.**

Brass mortice lock including deadlock with knobcylinder.

Standard supply includes two keys.

-Size of the lockcase 95 x 54 x 12mm.

-Frontplate 135 x 18mm.

-Backset 30mm.

-Spindle hole 7 x 7mm.

-Centres 56mm.

-Cylinder length 54mm

These locks are supplied with a striking plate.

material	handing
BSC	left
BSC	right
BP	left
BP	right

730660  
730661  
730662  
730663

**BATHROOM MORTICE LOCKS 968WC.**

Brass bathroom mortice lock.

-Size of the lockcase 95 x 54 x 12mm.

-Frontplate 135 x 18mm.

-Backset 30mm.

-Spindle hole 7 x 7mm.

-Centres 55mm.

These locks are supplied with a striking plate.

material	handing
BSC	left
BSC	right
BP	left
BP	right
BPC	left
BPC	right

730740  
730741  
730745  
730746  
730749  
73074900

**STRIKING PLATES 923.**

Matches 968, 968Z and 968WC locks.

material	handing
BSC	left
BSC	right
BP	left
BP	right

730780  
730781  
730782  
730783

**MORTICE LATCHES 968F.**

Brass mortice latch.

-Size lockcase: 95 x 54 x 12mm.

-Frontplate 135 x 18mm.

-Backset 30mm.

-Spindle hole 7 x 7mm.

These locks are supplied with a striking plate.

material	handing
BSC	left
BSC	right
BP	left
BP	right
BPC	left
BPC	right

730750  
730751  
730755  
730756  
730759  
730760



Art. nr.



**730785**  
**730786**



**730802**  
**730803**  
**730800**  
**730801**  
**730804**  
**730805**



**730733**  
**730738**  
**73073901**  
**730743**  
**730748**  
**73074901**  
**730653**  
**730656**  
**730666**  
**730753**  
**730758**  
**730761**



**730640**

### STRIKING PLATES 925.

Matching 968F locks. Can be used on right and left hand .

material	handing
BSC	left and right
BP	left and right

### STRIKING PLATES 923F

Matching 968, 968Z, 968ZK and 968WC locks.

material	handing
BSC	left
BSC	right
BP	left
BP	left
BPC	left
BPC	right

### DOORHANDLES 5968

Doorhandles for locks. They can be supplied in various models and made from different materials, in different finishes.

### DOORHANDLES 5968

Complete set of doorhandles, including doorplates. They are supplied in pairs.

- Length of the handle 80mm, sabre-shaped model.
- Centres 55mm.
- Spindle 7 x 7mm. / WC 5x5mm.

material	type	size short door plate
BSC	KH 55	130 x 25 x 2mm
BP	KH 55	130 x 25 x 2mm
BPC	KH 55	130 x 25 x 2mm
BSC	WC 55	130 x 25 x 2mm
BP	WC 55	130 x 25 x 2mm
BPC	WC 55	130 x 25 x 2mm
BSC	PC 56	130 x 30 x 2mm
BP	PC 56	130 x 30 x 2mm
BPC	PC 56	130 x 30 x 2mm
BSC	blind	130 x 25 x 2mm
BP	blind	130 x 25 x 2mm
BPC	blind	130 x 25 x 2mm

### MORTICE LOCKS 3269

A series of high quality locks for small doors on yachts. Made from brass and available in brass polished and brass satin chrome-plated finish.

### MORTICE LATCHES 3269DKS.

Brass mortice latch.

- Size lockcase: 68 x 70 x 12mm.
- Frontplate 130 x 16mm.
- Backset 50mm.
- Spindle hole 7 x 7mm.

These locks are supplied with a striking plate, but without doorhandles and roses.

material	handing
BSC	left and right

### DOORHANDLES 3269DKB

Doorhandles for locks 3269. They can be supplied in various models and made from different materials, in different finishes.

### DOORHANDLES 3269DKB.

A full set of door handles with roses, 48mm in diameter. These doorhandles are supplied in pairs.

- Length of the doorhandle 80mm, sabre-shaped model.
- Spindle measuring 7 x 7mm.

material

730645  
730646

BSC  
BP



### RIM LOCKS 928.

A series of high-quality locks for small doors on yachts. Made from brass and available in brass polished or brass satin chrome finish.

### RIM LATCHES 928F

Brass rim lock.

-Size of the lock case: 60 x 50mm (including fixing tabs 80 x 50mm).

-Backset 30mm.

-Spindle hole 7 x 7mm.

These locks are supplied without a striking plate. You can choose between a matching striking plate and a rim striking case.

material

handing

730700  
730701  
730703

BSC	left and right
BP	left and right
BSC	left and right (Without lips)



### BATHROOM RIM LOCKS 928WC

Brass bathroom rim lock.

-Size of the lock case: 60 x 50mm (including fixing tabs 80 x 50mm).

-Backset 30mm.

-Handle hole 7 x 7mm.

These locks are supplied without a striking plate. You can choose between a matching striking plate and a rim striking case.

material

handing

730705  
730706

BSC	left and right
BP	left and right



### STRIKING PLATES 925

Matching 928F and 928WC locks. Can be used both right and left.

material

handing

730785  
730786

BSC	left and right
BP	left and right



Art. nr.



730795  
730796

### RIM STRIKING CASES 924

Matching 928F and 928WC locks.

material	handing
BSC	left and right
BP	left and right



730720  
730721  
730725  
730726

### RIM LOCKS With deadlock 928

Brass rim lock with deadlock and lever key.

-Size of the lockcase: 95 x 50mm (including fixing tabs 115 x 50mm).

-Backset 30mm.

-Centres 55mm.

-Spindle hole 7 x 7mm.

These locks are supplied without a striking plate. You can choose between a matching striking plate and a rim striking case.

material	handing
BSC	left
BSC	right
BP	left
BP	right



730711  
730712

### RIM DEADLOCKS With cylinder 928ZK

Brass rim deadlock with knob/cylinder. The knob/cylinder consists of a thumb turn on the inside and a cylinder key hole on the outside.

-Size of the lock case: 95 x 50mm (including fixing tabs 115 x 50mm).

-Backset 30mm.

-Centres 52mm.

-Spindle hole 7 x 7mm.

These locks are supplied without a striking plate. You can choose between a matching striking plate and a rim striking case.

material	handing
BSC	left
BSC	right



730780  
730781  
730782  
730783

### STRIKING PLATES 923

Matching 928 and 928ZK locks.

material	handing
BSC	left
BSC	right
BP	left
BP	right



730790  
730791

### RIM STRIKING CASES 922

Matching 928 and 928ZK locks.

material	handing
BSC	left and right
BP	left and right

### DOORHANDLES 5928 5928F.

Doorhandles for locks 928. The handles can be supplied in various models, made from different materials and in different finishes.

### DOORHANDLES 5928F

A complete set of door handles, including 1 short doorplate for rim locks. These doorhandles are supplied in pairs.

- Length of the handle 80mm, sabre-shaped model.
- Short door plate 83 x 25 x 2mm.
- Spindle 7 x 7mm.

material	type
BSC	blind and bathroom
BP	blind and bathroom

730707  
730708

### DOORHANDLES 5928

A complete set of doorhandles, including 1 short doorplate for rim locks. These doorhandles are supplied in pairs.

- Length of the handle 80mm, sabre-shaped model.
- Centres 55mm.
- Spindle measuring 7 x 7mm.

material	type	size short door plate
BSC	KH 55	130 x 25 x 2mm
BP	KH 55	130 x 25 x 2mm
BSC	RC 52	130 x 30 x 2mm
BP	RC 55	130 x 30 x 2mm

730724  
730728  
730713  
730718

### RING DOORHANDLES

Ring-shaped doorhandle.

- Including a doorplate measuring 130 x 25 x 2mm.
- Diameter of the ring 40mm.
- These ring doorhandles are supplied per piece.
- Centres 55mm.
- Matches doorknobs 730768 and 730769.

material
BSC
BP

730764  
730765

### DOORKNOBS 1968

Doorknob does not include a doorplate.

- Diameter of the knob 38mm.
- These knobs are supplied per piece, including a 7 x 7mm spindle.
- Matching ring doorhandles 730764 and 730765.

material	type
BSC	without neck, for rimlock
BP	without neck, for rimlock
BSC	with neck, for doorplate
BP	with neck, for doorplate

730768  
730769  
730766  
730767

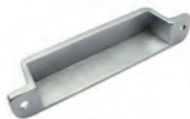




**730505**  
**730506**  
**730503**  
**730504**



**730510**  
**730511**  
**730512**  
**730513**



**730592**  
**730593**



**730058**  
**730059**

## HEAVY DUTY RIMLOCKS.

A range of high-quality rimlocks for ships. Can be supplied in different models and with a brass polished as well as brass satin chrome-plated finish.

### RIM DEADLOCKS 3239H

Heavy duty rim deadlock with lever key and master key system, made from brass.

-Size of the lock case 75 x 84mm (including tabs measuring 105 x 84).

-Backset 55mm.

These locks are supplied with 2 keys, striking plates or striking cases are not included.

material	handing
BSC	left
BSC	right
BP	left
BP	right

### RIM DEADLOCKS For profilecylinder 3239Z

Heavy duty rim deadlock for profilecylinder, made from brass.

-Size of the lock case 75 x 84mm (including tabs measuring 105 x 84).

-Backset 55mm.

These locks are supplied without striking plates or striking cases.

material	handing
BSC	left
BSC	right
BP	left
BP	right

### RIM STRIKING CASES 3230

Matching 3239H and 3239Z rim deadlocks.

Can be used both right and left.

material
BSC
BP

### STRIKING PLATES 3241

Matching 3239H and 3239Z rim deadlocks. Can be used both right and left.

material
BSC
BP

### RIMLOCKS Including deadlock 3227H

Heavy duty rimlock for watertight steel doors, with a lever key, made from brass.

- Size of the lock case 160 x 83mm (including tabs measuring 190 x 83).
- Backset 55mm.
- Centres 75mm.
- Spindle hole 9 x 9mm.

These locks are supplied without striking plates or striking cases, but including 2 keys.

material	handing
BSC	left
BSC	right
BP	left
BP	right

730520  
730521  
730525  
730526



### RIM DEADLOCKS For profilecylinder 3227Z

Heavy duty rim lock for watertight steel doors, made from brass. For profile cilinder.

- Size of the lock case 160 x 83mm (including tabs measuring 190 x 83).
- Backset 55mm.
- Centres 75mm.
- Spindle hole 9 x 9mm.

These locks are supplied without striking plates or striking cases.

material	handing
BSC	left
BSC	right
BP	right
BP	left

730530  
730531  
730536  
730535



### BATHROOM RIMLOCKS 3295

Heavy duty bathroom rimlock made from brass.

- Size of the lock case 160 x 83mm (including tabs measuring 190 x 83).
- Backset 55mm.
- Centres 75mm.
- Spindle hole 9 x 9mm, bathroom spindle hole 7 x 7mm.

These locks are supplied including a bathroom door plate GSV 6645WC but without striking plates or striking cases.

material	handing
BSC	left
BSC	right

730560  
730561



### RIM STRIKING CASES 3225

Matching cabin doorlocks 3227H, 3227Z and bathroomlocks 3295. Can be used both right and left.

material
BSC
BP

730594  
730595



Art. nr.



**730085**  
**730086**  
**730087**  
**730088**



**730540**  
**730541**



**730106**  
**73010310**  
**730110**

### STRIKING PLATES 3226

Matching rimlocks 3227H, 3227Z and 3295.

material	handing
BSC	left
BSC	right
BP	left
BP	right

### RIM LATCHES 3232

Heavy duty rim latch made from brass.

-Size of the lockcase 97 x 80mm (including tabs measuring 127 x 80).

-Backset 55mm.

-Spindle hole 9 x 9mm.

These locks are supplied without striking plates or striking cases.

material	handing
BSC	left
BSC	right

### DOORHANDLES 4412 9x9mm.

Doorhandles for locks. These doorhandles can be supplied in different models with a spindle measuring 9 x 9mm, made from different materials and in different finishes. Handle goes all the way up to the lock, which ensures very easy mounting and a stable, longlasting bearing.

### DOORHANDLES 4412

Half sable-shaped model, 115mm, for rimlocks. Can be used for door thickness up to 44mm, including extension bushes measuring 2 x 15mm. These doorhandles are supplied in pairs.

material
BSC
SS
BPC

### DOORPLATES 6645.

Doorplates for rimlocks. With large bush for extra heavy bearing. The nylon bearing is mounted to the prolonging bushes near the throughbolts, which prevents compression of the doorplates. Very easy to mount.

### SHORT DOORPLATES 6645

-Size: 165 x 45 x 6mm.

-Handle hole 17mm. With a square spindle measuring 7 x 7mm (WC).

These doorplates are supplied in pairs.

	material	type	construction
730203	BSC	KH 75	round hole
730207	BSC	KH 75	round hole with cover
730209	BSC	PC 75	round hole with folding cover
730212	BSC	PC 75	round hole
730217	SS	PC 75	round hole
730218	SS	PC 72	-
730221	BP	blind	-
730222	BSC	blind	round hole
730227	SS	blind	-
730247	SS	WC 75	-



### EXTRA HEAVY DUTY MODEL RIM LOCKS

A series of extra high-quality rim locks.

#### RIM DEADLOCKS 3240H

Extra heavy model rim deadlock with leverkey and masterkey system, made from brass.

-Size of the case 90 x 110mm.

-Backset 70mm.

These locks are supplied without striking plates or striking cases, but including 2 leverkeys.

	material	handing
730514	BSC	left
730515	BSC	right



#### RIM DEADLOCKS For profilecylinders 3240Z

Extra heavy duty rim dead lock for profilecylinder, made from brass.

-Size of the lockcase 90 x 110mm.

-Backset 70mm.

These locks are supplied without striking plates or striking cases.

	material	handing
730516	BSC	left
730517	BSC	right



#### RIM STRIKING CASES 3230

Matching 3240H and 3240Z rim deadlocks.

Can be used both right and left.

	material
730592	BSC
730593	BP



Art. nr.



730058  
730059

### STRIKING PLATES 3241

Matching 3240H and 3240Z rim dead locks. Can be used both right and left.

material

BSC  
BP



730548  
730549

### RIMLOCKS 3027H

Extra heavy duty model rimlock for watertight steel doors, with lever key and master key system.

-Size of the lockcase 190 x 95mm.

-Backset 55mm.

-Spindle hole 9 x 9mm.

-Centres 75mm.

These locks are supplied without striking plates or striking cases, but including 2 lever keys.

material

handing

BSC  
BSC

left  
right



730558  
730559

### EXTRA HEAVY DUTY MODEL SS RIMLOCKS

A range of extra heavy duty high-quality rimlocks made from stainless steel, for ships.

### RIM LOCKS For profilecylinder 3827Z

Extra heavy duty rimlock for watertight steel doors with a profilecylinder. Made from SS.

-Size of the lockcase 190 x 95mm.

-Backset 55mm.

-Centres 75mm.

-Spindle hole 9 x 9mm.

These locks are supplied without striking plates or striking cases.

material

handing

SS  
SS

left  
right



730518  
730519

### RIM DEADLOCKS For profilecylinder 3827ZR

Extra heavy duty rimlock for watertight steel doors for profilecylinder. Made from SS.

-Size of the lockcase 190 x 95mm.

-Backset 55mm.

-Spindle hole 9 x 9mm.

These locks are supplied without striking plates or striking cases.

material

handing

SS  
SS

left  
right

### RIM LATCHES 3827F

Extra heavy duty SS rim latch for watertight steel doors.

-Size of the lockcase 190 x 95mm.

-Backset 55mm.

-Spindle hole 9 x 9mm.

These locks are supplied without striking plates or striking cases.

material	handing
SS	left
SS	right

730543

730544



### DOORHANDLES 4412 2

Doorhandles for locks. These doorhandles can be supplied in different models with a spindle measuring 9 x 9mm, made from different materials and in different finishes. Handle goes all the way up to the lock, which ensures very easy mounting and a stable, longlasting bearing.

### DOORHANDLES 4412

Half sabre-shaped model, 115mm, for rim locks. Can be used for a doorthickness up to 44mm, with extension bushes measuring 2 x 15mm. These doorhandles are supplied in pairs.

material
BSC
SS

730106

73010310



### DOORPLATES 6645 2

Doorplates for rimlocks. With large bush for extra heavy bearing. The nylon bearing is mounted to the prolonging bushes near the throughbolts, which prevents compression of the doorplates.

### SHORT DOORPLATES 6645

-Size: 165 x 45 x 6mm.

-Handlehole 17mm.

These doorplates are supplied in pairs.

material	type	construction
BSC	PC 75	round hole with folding cover
BSC	PC 75	round hole
SS	PC 75	round hole
BSC	blind	round hole
SS	blind	-

730209

730212

730217

730222

730227



### MORTICE LOCKS

A range of locks for doors on yachts. Made from brass.

### MORTICE LATCHES 4019

Mortice latch made from brass.

-Size of lockcase: 95 x 58mm.

-These locks are supplied with doorhandles.

-Coverplates measuring 133 x 70mm, SS.

-Backset 37mm.

-Can be used for 15mm thick doors.

Includes a striking plate.

material	handing
BPC	left
BPC	right

731371

731372



Art. nr.



731391  
731392

### BATHROOM MORTICE LOCKS 4017

Bathroom mortice lock made from brass.  
 -Size of lockcase: 95 x 58mm.  
 -Coverplates measuring 133 x 70mm, SS.  
 -Includes a striking plate.  
 -Backset 37mm.  
 -Can be used for 15mm thick doors.  
 These locks are supplied with doorhandles.

material	handing
BPC	left
BPC	right



731355  
731356  
731357  
731358

### MORTICE LOCKS For profilecylinder 3483

Mortice lock with deadlock for profilecylinder, made from brass.

-Size of the lockcase 110 x 65mm.  
 -Backset 37mm.  
 -Spindle hole 8 x 8mm.  
 -Centres 59mm.

These locks are supplied with a 45mm cylinder and a striking plate. Without fittings.

material	handing
BPC	left
BPC	right
BP	left
BP	right

### DOORHANDLES 3485 8x8mm

Doorhandles matching locks. These doorhandles can be supplied in various models with a spindle measuring 8 x 8mm.



731475  
731476

### DOORHANDLES 3485

Length 84mm. These doorhandles are supplied in pairs, without roses.

material
BPC
BP

### DOORPLATES AND ROSES 3809 3481

Doorplates and roses for doors.



731485  
731486  
731480

### SHORT DOORPLATES 3809

-Size: 135 x 25mm.  
 -Centres 59mm PC.  
 -Centres 55mm KH.

These doorplates are supplied in pairs.

material	type
SS	PC 59
BP	PC 59
SS	KH 55

731478  
731479**ROSES 3481**

-Measurements 52 x 28mm.  
These roses are supplied in pairs.

material

SS  
BP**RIMLOCKS 4061 3452 3475 3829**

A range of locks for small doors on yachts. Made from brass and available in brass polished or brass satin chrome-plated finish.

**RIM LOCKS 4061**

Rim latch made from brass.

- Size of the lockcase 72 x 46mm, fixing tabs included.
- Backset 25mm.
- Spindle hole 8 x 8mm.

These locks are supplied in pairs and a striking plate is included. Can be used both right and left. Without fittings.

material

731303  
731304BPC  
BP**BATHROOM RIMLOCKS 3452**

Bathroom rimlock made from brass.

- Size of the lockcase 98 x 58mm, fixing tabs included.
- Backset 37mm.
- Spindle hole 8 x 8mm.

These locks are supplied with a striking plate. Can be used both right and left. Without fittings.

material

731307  
731308BPC  
BP**RIMLOCKS Including deadlock 3475**

Rimlock with deadlock, with knob/cylinder, made from brass.

- Size of the lockcase 138 x 58mm, fixing tabs included.
- Backset 37mm.
- Spindle hole 8 x 8mm.
- Centres 55mm.

These locks are supplied with a striking plate and a cylinder/rose. Without fittings.

	material	handing	cylinder length
731341	BPC	left	20mm
731342	BPC	right	20mm
731344	BP	right	20mm
731348	BP	right	30mm
731343	BP	left	20mm



Art. nr.



731351  
731350

### RIMLOCKS SLIDING DOOR LOCKS 3829

Rimlock sliding door lock made from brass.  
-Size of the lockcase 85 x 58mm, fixing tabs included.  
-Backset 37mm.  
-Spindle hole 8 x 8mm.  
These locks are supplied with a striking plate. Without fittings.  
Picture is right handing.

material	handing
BPC	right
BPC	left

### DOORHANDLES 3485 2

Doorhandles matching locks. The doorhandles are supplied in various models with a spindle measuring 8 x 8mm.



731475  
731476

### DOORHANDLES 3485

Length 84mm. These doorhandles are supplied in pairs, without roses.

material
BPC
BP

### ROSES 3481

Roses for locks.

### ROSES 3481.

-Measurements 52 x 28mm.  
These roses are supplied in pairs.

material
BPC
BP



731478  
731479

### RIMLOCKS 3656

A range of locks for small doors and hatches on yachts. Made from brass.

### ADDITIONAL RIMLOCKS 3656

Brass additional rimlock with knob/cylinder.  
-Size of the lockcase 98 x 58mm, fixing tabs included.  
-Backset 37mm.  
-Cylinderlength 20mm.  
These locks are supplied with a striking plate. Can be used both left and right.

material
BPC
BPC, keyed alike



731300  
731301

## HEAVY DUTY SLIDING DOORLOCKS

Made from brass, available in various models, in a brass satin chrome-plated as well as a brass polished finish.

### HEAVY DUTY SLIDING DOOR MORTICE LOCKS 3201SH

Brass sliding doorlock with leverkey and master key system.

- Size of the lockcase 158 x 82 x 19mm.
- Frontplate 210 x 25mm.
- Backset 55mm.
- Spindle hole 9 x 9mm.
- Centres 75mm.

These locks are supplied with a SS striking plate.

material

730929  
730930

BSC  
BP

### HEAVY DUTY SLIDING DOOR MORTICE LOCKS 3201SZ

Brass sliding doorlock for profilecylinder.

- Size of the lockcase 158 x 82 x 19mm.
- Front plate 210 x 25mm.
- Backset 55mm.
- Spindle hole 9 x 9mm.
- Centres 75mm.

These locks are supplied with a stainless steel striking plate.

material

730931  
730933  
730934

BSC  
BP  
BPC

### BATHROOM SLIDING DOOR MORTICE LOCKS HEAVY DUTY 3201WC

Brass sliding doorlock for bathrooms, heavy model.

- Size of the lockcase 158 x 82 x 19mm.
- Frontplate 210 x 25mm.
- Backset 55mm.
- Spindle hole 9 x 9mm, indicatorhole 7 x 7mm.
- Centres 75mm.

These locks are supplied with stainless steel striking plate.

material

730935  
730936

BSC  
BP




**730952**

**730100**
**730102**
**730104**

**730200**
**730201**
**730203**
**730204**
**730210**
**730211**
**730212**
**730220**
**730221**
**730240**
**730241**

## FLUSH DOORPLATES AND DOORHANDLES

### 3381BZ and 4410

Flush door plates and door handles for sliding door locks 3201H, 3201SZ and 3201WC. These door handles can be supplied in various models, made from different materials and in different finishes.

### FLUSH DOORPLATES 3381BZ

Flush doorplate for sliding doorlock 3201SZ.

-Measurements of the door plate: 240 x 70 x 5mm.

-Spindle hole 9 x 9mm.

-Flush 11mm deep.

-Centres 75mm.

These doorplates are supplied in pairs.

material

BSC

### DOORHANDLES 4410

A half sabre-shaped model, 115mm, used for mortice locks.

These door handles are supplied in pairs.

Spindle 9 x 9mm

material

BSC

BP

BSC, female part

### DOORPLATES 6645 3

With large bush for extra heavy bearing. The nylon bearing is mounted to the prolonging bushes near the throughbolts, which prevents the compression of the doorplates. Very easy to mount.

### SHORT DOORPLATES 6645

-Size: 165 x 45 x 6mm.

-Handlehole 17mm.

-With a square spindle measuring 7 x 7mm (WC).

These doorplates are supplied in pairs, throughbolts included.

material	type	construction
BSC	KH 75	-
BP	KH 75	-
BSC	KH 75	round hole
BSC	KH 75	square hole
BSC	PC 75	-
BP	PC 75	-
BSC	PC 75	round hole
BSC	blind	-
BP	blind	-
BSC	WC 75	-
BP	WC 75	-

### SLIDING DOORLOCKS 3248

A range of extra heavy duty sliding doorlocks, made from brass.

### SLIDING DOOR MORTICE LOCKS EXTRA HEAVY DUTY 3248Z

Sliding door mortice lock for profile cylinders.

- Size of the lockcase 165 x 85 x 16mm.
- Backset 55mm.
- Centres PC 90mm.
- Handlehole 9 x 9mm.
- Frontplate 230 x 25mm.

These locks are supplied with a striking plate.

material

BSC

BSC Lever key model.

730941

730940

### DOORHANDLES 4410 115mm

Doorhandles matching sliding doorlock 3248. These doorhandles can be supplied in different models, made from different materials and in different finishes. Handle goes all the way up to the lock, which ensures very easy mounting and a stable, longlasting bearing.

### DOORHANDLES 4410

A half sabre-shaped model, 115mm, used for mortice locks. These door handles are supplied in pairs.

material

BSC

730100

### DOORPLATES 3343 centre 90mm

Doorplates matching locks.

### LONG DOORPLATES 3343

- Size: 230 x 40 x 6mm.
- Handlehole 17mm.
- Centres 90mm.

These doorplates are supplied in pairs, throughbolts included.

material

BSC

730272

### SLIDING DOOR LOCKS 1069 AND 969

A series of sliding door locks for yachts, with a recessed latch-bolt. These brass locks have a stainless steel frontplate.

### SLIDING DOOR MORTICE LOCKS 1069

Brass mortice lock with lever key. Stainless steel frontplate.

- Size of the lockcase: 141 x 70 x 14mm.
- Frontplate 200 x 20mm.
- Centres 60mm.
- Backset 40mm.
- Spindle hole 8 x 8mm.

These locks have a recessed hookbolt and are supplied with a striking plate 1069SK and including 2 lever keys.

material

SS / Brass

730913



Art. nr.



**730915**  
**730916**

### SLIDING DOOR MORTICE LOCK 1069Z

Brass sliding door mortice lock for profilecylinder. Stainless steel frontplate.

- Size of the lockcase: 141 x 70 x 14mm.
- Centres 60mm.
- Backset 40mm.
- Spindle hole 8 x 8mm.

These locks have a recessed hookbolt and are supplied with a striking plate 1069SK.

material

SS / Brass  
Brass / Brass polished



**730945**

### STRIKING PLATES 1069SK

Striking plates matching sliding doorlocks 1069 and 1069Z.

material

BSC



**730910**  
**730911**

### SLIDING DOOR MORTICE LOCKS 969

Brass sliding door lock with lever key.

- Size of the lockcase: 141 x 60 x 13mm.
- Frontplate 200 x 18mm.
- Backset 32mm.
- Spindle hole 8 x 8mm.
- Centres 60mm.

These locks have a protruding hookbolt and are supplied with a striking plate and 2 lever keys.

material

BSC  
BP



**730906**  
**730907**

### SLIDING DOOR MORTICE LOCKS 969Z

Brass sliding door lock for profilecylinder.

- Size of the lockcase: 141 x 60 x 13mm.
- Frontplate 200 x 18mm.
- Backset 32mm.
- Spindle hole 8 x 8mm.
- Centres 60mm.

These locks have a protruding hookbolt and are supplied with a striking plate.

material

BSC  
BP

## SLIDING DOOR MORTICE LOCKS For bathrooms 969WC

Brass sliding door lock for bathroom doors.

-Size of the lockcase: 141 x 60 x 13mm.

-Frontplate 200 x 18mm.

-Backset 32mm.

-Centres 60mm.

-Spindle hole 8 x 8mm, indicator spindle 7 x 7mm.

These locks have a protruding hook bolt and are supplied with a striking plate.

material

730909

BSC

## STRIKING PLATES 969

Striking plates matching sliding doorlocks 969, 969Z and 969WC.

material

size

730943

BSC

100 x 20mm

## FLUSH DOORPLATES AND DOORHANDLES 4969 4969Z and 5969

Flush doorplates and doorhandles matching sliding doorlocks 1069, 1069Z, 969, 969Z and 969WC. These flush doorplates and doorhandles can be supplied in various models and made from different materials, in different finishes.

### FLUSH DOORPLATES 4969

Flush doorplate for sliding doorlock 1069/969.

-Size of the doorplates: 165 x 45 x 6mm.

-Spindle hole 8 x 8mm.

-Flush 4mm deep.

-Centres 60mm.

These doorplates are supplied in pairs.

material

730960

BSC

### FLUSH DOORPLATES 4969Z

Flush doorplate matching sliding doorlock 1069Z/969Z.

-Size of the doorplates: 165 x 45 x 6mm.

-Spindle hole 8 x 8mm.

-Flush 4mm deep.

-Centres 60mm.

These doorplates are supplied in pairs.

material

730965

BSC





**730875**  
**730876**  
**730877**  
**730880**  
**730881**  
**730882**  
**730885**  
**730886**  
**730887**

## DOORHANDLES 5969

A complete set of doorhandles, including doorplates. These doorhandles are supplied in pairs.

- Length of the handle 100mm, sabre-shaped model.
- Short doorplates measuring 170 x 30 x 2mm.
- Centres 60mm.
- Spindle 8 x 8mm.
- Indicator spindle 7 x 7mm.

material	type
BSC	KH 60
BP	KH 60
BPC	KH 60
BSC	PC 60
BP	PC 60
BPC	PC 60
BSC	WC 60mm
BP	WC 60mm
BPC	WC 60mm

## SLIDING DOOR LOCKS 3796 3838 3797 3487 3799 3792

A series of sliding door mortice locks for yachts.

### SLIDING DOOR MORTICE LATCHES 3796

Sliding door mortice latch.

- Size of the lockcase: 72 x 77 x 10mm.
  - Front plate 112 x 15mm.
  - Backset 58mm.
  - Spindle hole 8 x 8mm.
  - Can be used for a door thickness of 20mm minimum.
- These locks have a protruding hook bolt and are supplied with striking plate and flush door handles.

material

**731420** BSC, with SS flush door plates  
**731422** BP, with BP flush door plates



### SLIDING DOOR MORTICE LOCKS For bathrooms 3838

Sliding door mortice lock for bathroom doors.

- Size of the lockcase: 72 x 70 x 10mm.
  - Front plate 112 x 15mm.
  - Backset 58mm.
  - Spindle hole 8 x 8mm.
  - Can be used for a door thickness of 20mm minimum.
- These door locks have a protruding hook bolt and are supplied with a striking plate and flush door handles.

material

material	handing
<b>731430</b> BPC, with SS flush door plates	right
731431 BP, with BP flush door plates	left
731432 BP, with BP flush door plates	right



### SLIDING DOOR MORTICE LOCKS 3797

- Sliding door mortice lock with deadlock.  
 -Size of the lockcase: 101 x 57 x 12mm.  
 -Front plate 140 x 15mm.  
 -Centres KH 55mm.  
 -Backset 37mm.  
 -Spindle hole 8 x 8mm.

These locks have a protruding hook bolt and are supplied with a striking plate and 2 lever keys.

material

731450

BPC

### SLIDING DOOR MORTICE LOCKS 3487

- Sliding door mortice lock with deadlock.  
 -Size of the lockcase: 118 x 65 x 12mm.  
 -Front plate 160 x 15mm.  
 -Backset 37mm.  
 -Spindle hole 8 x 8mm.

-Centres PC 59mm, with a protruding hook bolt.

These locks are supplied with a striking plate and a 45mm long cylinder, including 3 cylinder keys.

material

731455

BPC

### SLIDING DOOR MORTICE LOCKS 3799

Stainless steel sliding door lock for profile cylinder.

- Size of the lockcase: 194 x 43 x 15mm.  
 -Front plate 250 x 25mm.  
 -Centres PC 92mm.  
 -Backset 22mm.  
 -Spindle hole 8 x 8mm.

These locks have a protruding hook bolt and are supplied with a striking plate and a 45mm cylinder.

material

731460

SS

### SLIDING DOOR MORTICE LATCHES 3792

- Sliding door mortice latch.  
 -Size of the lockcase: 50 x 42 x 12mm.  
 -Front plate 80 x 20mm.  
 -Backset 27mm.  
 -Spindle hole 8 x 8mm.

These locks have a recessed hook bolt and are supplied with a striking plate.

material

731415

BPC

### DOORHANDLES 3485 8x8mm 84mm

Door handles matching locks. These door handles can be supplied in various models, with a spindle measuring 8 x 8mm.

### DOORHANDLES 3485

Length 84mm. These handles are supplied in pairs, without roses.

material

731475

BPC

731476

BP



Art. nr.



731485  
731486  
731480



731478  
731479



730946



438999  
439000  
439001



730141  
730140

## DOORPLATES AND ROSES 3809 and 3481

Doorplates and roses matching locks.

### SHORT DOORPLATES 3809

- Size: 135 x 25mm.
- Centres 59mm PC.
- Centres 55mm KH..

These doorplates are supplied in pairs.

material	type
SS	PC 59
BP	PC 59
SS	KH 55

### ROSES 3481

- Measurements 52 x 28mm.
- These roses are supplied in pairs.

material
BPC
BP

### SWING-DOOR LOCKS 3401Z

Locks for swing-doors.

### ROLLER CATCH LOCK 3401Z

Brass mortice lock for swing-doors.

- Size of the lockcase: 158 x 82 x 16mm.
  - Front plate 210 x 25mm.
  - Backset 55mm.
- With striking plate.

material
BSC

## DOORHANDLES AND ROSES SHIP MODEL

### DOORHANDLES 104

Type 104. Solid brass handle.

- Spindle 8x8mm
- Length of handle 106mm
- Spindle neck 18mm
- Roses not included

material
BSC
BP
BPC

### SABRE-SHAPED DOORHANDLES 2093B 8x8mm

A set of doorhandles for mortice locks, made from brass.

- Spindle 8 x 8mm.
- Roses included.

material
BSC
BP

**SABRE-SHAPED DOORHANDLES 2093B****8x8mm 18mm neck**

A set of doorhandles for mortice locks, made from brass.

-Spindle 8 x 8mm.

-With a 18mm. neck.

Roses not included.

material

730149

BSC

730150

BP

730152

BPC

**DOORHANDLE ROSES**

Brass doorhandle rose, diameter 50mm, concealed fixing. For handles with 18mm neck diameter. Available in pairs.

material

730154

BSC

730155

BP

730157

BPC

**KEYHOLE ROSES**

Brass keyhole rose, diameter 50mm, concealed fixing.

Available in pairs.

material

730165

BP

**PROFILECYLINDER ROSES**

Brass cylinder rose, diameter 50mm, concealed fixing.

Available in pairs.

material

730169

BSC

730170

BP

730172

BPC

**BATHROOM FITTINGS**

Bathroom fitting, can be used with roses or doorplates.

material

size spindle

730159

BSC

7 x 7mm

730162

BPC

7 x 7mm

439490

BP

8 x 8mm

730160

BP

7 x 7mm

**RINGHANDLES**

Various ringhandles, available in brass polished, brass satin chrome-plated, AA and stainless steel.

material

size

730316

AA

70 x 70, spindle 8 x 8mm

730308

AA

90 x 90, spindle 8 x 8mm

730315

BP

70 x 70, spindle 8 x 8mm

730312

BP

90 x 90, spindle 9 x 9mm

730311

SS

100 x 100, spindle 9 x 9mm

730310

AA

90 x 90, spindle 9 x 9mm





730317  
730318  
730319

## LONG DOORPLATES WITH RINGHANDLES

Various doorplates with ringhandles, available in brass polished, AA and stainless steel.

material	size
SS	200 x 100, spindle 9 x 9mm, centres PC 75mm
AA	200 x 70 spindle 8 x 8 mm
BP	200 x 100 spindle 8 x 8mm

## MISCELLANEOUS ACCESSORIES FOR DOOR HARDWARE

### EXTENSION BUSHES

For A-60 doorhandles 4410.

size
15mm

730115



### SPINDLES FOR DOORHANDLES

Length 100mm, also available per meter.  
Brass.

size
square 7 x 7mm
square 8 x 8mm
square 9 x 9mm
square, tapering 8 - 9 - 8mm length 100mm
square tapering 6 - 7 - 6mm length 75mm

730180  
730181  
730182  
730184  
730183



### REDUCING BUSHES FOR SPINDLES

Brass. To be used to adapt spindles from 8x8mm to 9x9mm and 7x7mm to 8x8mm.

size
7 - 8mm
8 - 9mm

730188  
730189



### HANDLE PINS

size	material
3mm	brass
3mm	SS

730185  
730186



### THROUGHBOLTS 5968 doorplates

Round-headed. Through-bolts matching 5968 door plates.

size	material
M4 x 50mm	BSC
M4 x 50mm	Brass

730192  
730193



### THROUGHBOLTS 6645 doorplates

Flat-headed. Through-bolts matching 6645 door plates.

size	material
M5 x 45/55mm	BSC
M5 x 45/55mm	brass
M5 x 65/75mm	BSC

730194  
730195  
730197



## THROUGHBOLTS universal

Universal. Sleeve not included.

size	material
M4 x 38mm	brass
M4 x 38mm	BN
M4 x 55mm	brass

380222  
380211  
380224

## SLEEVE NUTS

Universal. Matching above-mentioned through-bolts.

size	material
M4 x 22mm	brass
M4 x 22mm	BN

380223  
380215

## KEYS.

Heavy duty keys for ship locks.

### LEVER KEYS

Brass, satin chrome-plated finish. These keys are standard not filed, but can be supplied filed by model or by number.

profile	serie	size	used for
1531	A	7,8 x 85mm	mortice locks
1532	B	7,8 x 110mm	rim locks
730072	C	7,8 x 135mm	rim locks
730073	X	6,8 x 85mm	mortice locks
730080	N	6,3 x 75mm	mortice locks 968
740000		file-work for keys	and rim locks 3273

730070  
730071  
730072  
730073  
730080  
740000

### BATHROOM DOOR KEYS

Brass, satin chrome-plated finish, used for bathroom locks.

number	size	used for
4529	7 x 7 x 60mm	ship bathroom locks

730079

### CYLINDER HOLE ESCUTCHEONS.

Cylinder hole escutcheons for finishing cylinder holes.

#### CYLINDERHOLE ESCUTCHEONS 66x33mm

Size: 66 x 33mm.

material	type
BSC	3328Z
BP	3328Z

384090  
384091

#### CYLINDERHOLE ESCUTCHEONS 57x28mm

Size: 57 x 28mm. With stainless steel cover. Thickness: 8 + 9 = 17mm.

material	type
BSC / SS	4577ZK

730375





## CODELOCKS

### CODELOCKS 5201 marine grade

Code lock with handle for outside use  
 Easy to program  
 Free access possibility  
 Salt spray tested  
 Internal components made of stainless steel  
 ISPS approved  
 Black coated  
 Stainless steel latch  
 Backset 60mm  
 Dimensions: 177x48x26mm  
 Spindle 8mm. Use an additional bushing 730189 for an adjustment to 9mm

**363390**

type	finish
5201	black coated

## PADLOCKS

### PADLOCKS Abus 65

Brass padlocks with steel nickel plated bracket.  
 Including 2 keys.

width

<b>366012</b>	20mm
<b>366011</b>	25mm
<b>366013</b>	30mm
<b>366014</b>	40mm
<b>366015</b>	50mm
<b>366016</b>	60mm



### PADLOCKS Abus 65 keyed alike

Brass padlocks with steel nickel plated bracket.  
 Including 2 keys. Keyed alike.

width	key number
-------	------------

<b>366071</b>	30mm	K301
<b>366074</b>	30mm	K304
<b>366075</b>	30mm	K305
<b>366076</b>	30mm	K306
<b>366077</b>	30mm	K307
<b>366081</b>	40mm	K401
<b>366082</b>	40mm	K402
<b>366084</b>	40mm	K404
<b>366085</b>	40mm	K405
<b>366086</b>	40mm	K406
<b>366087</b>	40mm	K407
<b>366088</b>	40mm	K408
<b>366089</b>	40mm	K409
<b>366092</b>	50mm	K502
<b>366094</b>	50mm	K504
<b>366095</b>	50mm	K505
<b>366096</b>	50mm	K506



366025

**PADLOCKS Abus 85**

Brass Padlocks with steel nickel plated bracket.  
Including 2 keys.

width  
60mm

366020

366021

366022

**PADLOCKS Abus 85 keyed alike**

Brass Padlocks with steel nickel plated bracket.  
Including 2 keys. Keyed alike.

width	key number
50mm	2726
50mm	2745
50mm	2747

366053

366054

366055

366056

**PADLOCKS Abus 85IB**

Brass padlock with SS bracket.  
Including 2 keys.

width  
30mm  
40mm  
50mm  
60mm

366063

366064

36606401

36606402

36606403

366065

**PADLOCKS Abus 85IB keyed alike**

Brass padlock with SS bracket.  
Including 2 keys. Keyed alike.

width	key number
30mm	GK0402
40mm	FK0709
40mm	552
40mm	702
40mm	706
50mm	BM2747

366113

366114

366115

**PADLOCKS Abus 85HB**

Brass padlock with steel nickel plated bracket.  
Including 2 keys.

width	bracket height
30mm	65mm
40mm	63mm
50mm	80mm

36611300

**PADLOCKS Abus 85HB keyed alike**

Brass padlock with steel nickel plated bracket.  
Including 2 keys. Keyed alike.

width	bracket height	key number
30mm	65mm	K0402



Art. nr.



365940  
365941  
365942

### PADLOCKS marine 8500

Brass chrome case and SS 316 (A4) bracket.  
Including 2 keys.

width	bracket height
30mm	17mm
40mm	23,8mm
50mm	27,9mm

### CABINET LOCKS

#### CABINET RIMLOCKS.

These locks are highly suitable for the interior of yachts and ships..



365162  
365166  
730080

#### CABINET RIMLOCKS 3273 lever

Case size 80 x 40mm, backset 20mm. Suitable for left hand and right hand.

Including 2 keys.

material	model
BSC	keyed differently
BP	keyed differently
key BSC 6,3 x 75mm	-

### CYLINDER CABINET RIMLOCKS

#### CABINET RIMLOCKS 3273Z cylinder

Case size 80 x 40mm, backset 20mm. Applicable for left and right hand. The cylinder can be rotated by a quarter, for drawers. Length of cylinder 20mm, diameter 23mm. Each with 2 nickel silver keys.

material	model
BSC	keyed differently
BSC	keyed alike
BP	keyed differently
BP	keyed alike



365405  
365406  
365409  
365410

#### CABINET RIMLOCKS 3711Z cylinder

Case size 78 x 50mm, backset 30mm. For door thickness of 20mm. Cylinder diameter 24mm. With lockable knob of 26mm height, also available in polished brass.

material	handing
BSC	left
BSC	right



365459  
365460

### STRIKING PLATES

Angular striking plates / bumper plates for cabinet rim locks.  
Satin brass chrome without hole with lip.

material	size
BSC	15 x 5 x 50mm



365920

### CABINET RIMLOCKS 2828 cylinder

Cabinet rimlocks with cylinder. For drawers and cabinet doors. Case: Zamnick with polished brass or nickel-plated cylinder. Cylinder is rotatable, the backset is adjustable from 15mm. to 40mm. Cylinder diameter 22mm, cylinder length 23mm. Applicable for left hand and right hand. Excluding striking plate. Including two keys.

	material	case size	construction
365430	nickel-plated	45 x 59 x 10,5mm	keyed differently
365431	nickel-plated	45 x 59 x 10,5mm	keyed alike

### HATCH CYLINDERS with lip

Zamac chromed cylinders. The key can be removed in open and closed situation.

Cylinder diameter 20mm.

	cylinder length	working length	type
365550	22mm	16,5mm	-
365551	32mm	26,5mm	-
365552	22mm	16,5mm	keyed alike
365553	32mm	26,5mm	keyed alike

### CABINET SLIDING DOOR LOCKS

#### CABINET SLIDING DOOR CYLINDER LOCK 6900

Cabinet rim sliding door lock with cylinder. Case: Zamnick. Including 2 keys. Cylinder size: diameter 19mm, length 21mm.

	backset	case size
365840	25mm	40 x 40mm

#### FASTENER 435

Type 435. Casted. 52 x 22mm.

	material
372420	nickel
372421	brass

#### WARDROBE FASTENERS 6285

Size 46 x 23mm. With eye for padlock.

	material	handing
372207	AA	left
372208	AA	right

#### CUPBOARD TURNS 223

With rotatable grip. Diameter 50mm.

	handing	material
372429	left	BSC
372430	right	BSC



Art. nr.



372240  
372241

### COVER FASTENERS 3148

Flange 45 x 18mm, working length 40mm, height 10mm.

material

BSC

BP

### CABINET CATCHES

#### DRILL-IN BALL CATCHES 2574

Front plate 40 x 16mm.

material

372080  
372081

BSC

BP



372084  
372085

#### DRILL-IN BALL CATCHES 4089

Front plate 60 x 18mm. This type has an adjustable ball pressure.

material

BSC

BP



372095  
372096

#### ROLLER CATCHES 2577

Front plate 100 x 20mm. This type has an adjustable roller pressure.

material

BSC

BP



372010

#### BALL CATCHES stainless steel 316 (A4)

With stainless balls and springs. SS 316 (A4).

size

material

50mm

SS



372004  
372005  
372006

#### BALL CATCHES partly stainless steel

With stainless steel balls and springs.

size

material

43mm

brass nickel-plated

50mm

brass nickel-plated

60mm

brass nickel-plated

### BALL CATCHES steel

Steel balls and springs.

	size	material
<b>372014</b>	43mm	brass nickel-plated
<b>372015</b>	50mm	brass nickel-plated
<b>372016</b>	60mm	brass nickel-plated
<b>372017</b>	70mm	brass nickel-plated
<b>372024</b>	43mm	brass
<b>372025</b>	50mm	brass
<b>372026</b>	60mm	brass
<b>372027</b>	70mm	brass

### MAGNETIC CATCHES white plastic

White plastic.

	type	tensile force	dimension
<b>372043</b>	LS 3L	3kg	30mm
<b>372044</b>	LS 4L	4kg	40mm
<b>372046</b>	LS 6L	6kg	60mm

### MAGNETIC CATCHES 88 white

	type	colour	tensile force	dimension
<b>372055</b>	80	white	4kg	50mm
<b>372056</b>	88	white	6kg	60mm

### MAGNETIC CATCHES polair/super polair

Zamnick.

	type	tensile force	dimension
<b>372050</b>	Polair	4kg	50mm
<b>372052</b>	Super Polair	8kg	60mm

### MAGNETIC CATCHES D7/GP9

D7/GP9. Pressure magnetic catchers, colour black. Counter plate chrome-plated steel.

	item	number	material	tensile force
<b>372035</b>	catch	20873	black plastic	0,7 - 1,1kg

### MAGNETIC CATCHES drill in

M73/GP9. Plastic, colour white. Counter plate chrome-plated steel.

	tensile force	number
<b>372040</b>	4kg	13157

### FINGER CATCH

Brass.

	material
<b>372408</b>	brass
<b>37240900</b>	BSC




**374966**

## PUSH BUTTON CABINET LATCHES

### PUSH BUTTON LATCHES PLASTIC not as espagnolette latch

Case size 54 x 45 x 19mm. Not usable as an espagnolette latch.

material

plastic nickel-plated satin


**374968**  
**374969**

### PUSH BUTTON LATCHES PLASTIC also as espagnolette latch

Case size 54 x 45 x 19mm. Can also be used as an espagnolette latch.

material

plastic nickel-plated, satin

plastic nickel-plated, polished


**37496600**  
**37496602**

### PUSH BUTTON LATCHES ALUMINUM NICKEL PLATED

Zamac/Zinc pushlock. Easy to mount.

Open and close by pushing the button.

espagnolette lock

finish

dimensions

lock

no

Zamac/Zinc satin nickel plated

54 x 45 x 19mm

yes

Zamac/Zinc satin nickel plated

54 x 45 x 19mm


**37496700**

### PUSH BUTTON LATCH EXTENSION PLATE

thickness

1mm


**385000**  
**385001**  
**385002**  
**385003**

### PUSH BUTTONS BRASS

Suitable for 16mm. to 19mm. door thickness.

material

BSC

BP

BPC

precious brass


**374987**  
**374988**  
**374985**

### PUSH BUTTONS PLASTIC

Suitable for 16mm. to 19mm. door thickness.

material

nickel-plated, satin

brass-plated, polished

nickel-plated, polished

### DRILL-IN RINGS BRASS for 19mm

Suitable for 19mm. door thickness. Drill-in size 26mm. With different surface treatments.

material

385010	BSC
385011	BP
385012	BPC
385013	precious brass

### DRILL-IN RINGS BRASS for 16mm

Suitable for 16mm. door thickness. Drill-in size 26mm. With different surface treatments.

material

385020	BSC
385021	BP
385022	BPC
385023	precious brass

### DRILL-IN RINGS PLASTIC for 19mm

Suitable for 19mm. door thickness. Drill-in size 26mm.

material

384690	nickel-plated, satin
384691	brass-plated, polished
384692	nickel-plated, polished

### DRILL-IN RINGS PLASTIC for 16mm

Suitable for 16mm. door thickness. Drill-in size 26mm.

material

384685	nickel-plated, satin
384686	brass-plated, polished
384687	nickel-plated, polished

### ACCESSORIES FOR PUSH BUTTON LATCHES

Accessories to turn a push button latch into an espagnolette lock.

type

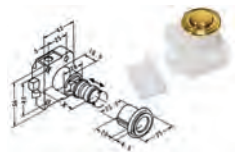
374960	espagnolette bar 6x1000mm
374961	espagnolette bar 6x1500mm
374980	set of hooks
374962	set of hooks
374989	extension nipple 10mm

### PUSH BUTTON LATCHES

White plastic case with snapper. Including push button and ring. Suitable for espagnolette bar sets.

material knob / ring

372260	BP
372261	BPC



Art. nr.



374990  
365915

### STRIKING PLATES push button

For push button latches.

type  
flat  
curved



374971  
374976

### PUSH BUTTON LATCHES PLASTIC MINI

Suitable for 16mm. doorthickness. Smaller model, not applicable as an espagnolette lock. Can be opened and closed by pushing movement.

material	dimensions
nickel-plated, satin	48 x 35 x 22mm
nickel-plated, polished	48 x 35 x 22mm



374991

### STRIKING PLATE MINI

For mini push button latch.

material  
steel nickel-plated, satin



374992  
374993  
374994

### PUSH BUTTONS MINI BRASS

For mini push button latch. Suitable for 16mm. doorthickness.

material  
BSC  
BP  
BPC



374972  
374974

### PUSH BUTTONS MINI

For mini push button latch. Suitable for 16mm. doorthickness.

material  
plastic, satin nickel-plated  
plastic, polished brass-plated



374996  
374998  
374999

### DRILL-IN RINGS MINI BRASS

For mini push button latch. Suitable for 16mm. doorthickness. Drill-in size 20mm.

material  
BSC  
BP  
BPC



374973  
374975

### DRILL-IN RINGS MINI

For mini push button latch. Suitable for 16mm. doorthickness. Drill-in size 20mm.

material  
plastic, satin nickel-plated  
plastic, polished brass-plated

372283  
372284

**PUSH BUTTONS Brass 25 x 25**

Suitable for doorthickness 16mm  
Square plate 25 x 25mm  
Round knob 18mm

material

BPC  
BSC

372280  
372281  
372282

**PUSH BUTTONS Brass 30 x 30**

Suitable for doorthickness 16mm  
Square plate 30 x 30mm.  
Round knob 18mm

material

BPC  
BSC  
gold plated

372286  
372287

**PUSH BUTTONS Brass 30 x 40**

Suitable for doorthickness 16mm.  
Rectangle plate 40 x 30mm.  
Rectangle knob.

material

BPC  
BSC

372375  
372376

**PUSH GRIP LATCHES 5605W**

Including lock 4340 and striking plate.  
Lockcase 50 x 45 x 9mm.  
Grip 99 x 15 x 24mm.

material

BSC  
BP

372330  
372331  
372334  
372370  
372372  
372371

**PUSH BUTTON LATCHES 4340**

Knob plate size 50 x 25mm, case size 50 x 45mm. For 18 - 23mm. door thickness.  
Incl. striking plate.

material

BSC  
BP  
BPC  
BSC  
BPC  
BP

type

with knob  
with knob  
with knob  
without knob  
without knob  
without knob

372369

**PUSH BUTTON LATCHES 800400**

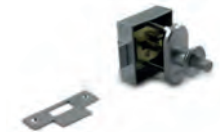
Polished ss 304 (A2) with oval knob. Incl. striking plate.

material

ss

working length

32mm



Art. nr.



372309  
372310  
372378  
372311  
372379

### PUSH BUTTON LATCHES 3518

Knob plate size 50 x 25mm, case size 25 x 32mm. For 18 - 23mm. door thickness.  
Incl. striking plate.

material  
BSC  
BP  
angular plate BSC  
BPC  
angular plate BP



372106  
372105  
372108

### SNAP FASTENERS

Snap fastener which is not visible in closed condition. By pushing the door inwards the door can be opened.

type	material
tip latch 180	zincd steel / PVC
mini latch 188	zincd steel / PVC
mini latch 188	SS 304 / PVC



372110  
372111  
372112

### SNAP FASTENERS TOUCH LATCH

Snap fastener model scorpion. Plastic casing and 14mm plastic grips.  
Requiers 3mm spacing.

type	finish	force
MC28	black	3 kg
MC37	brown	4 kg
MC37	black	4 kg



372315

### PUSH BUTTON LATCHES 5155

Entirely brass, with pad lock eye. For 22 - 25mm. door thickness.  
Door thickness 7mm. to 32mm, available on request.

material  
BSC



372395  
372396  
372399  
372400

### CABINET LOCKS WITH TURN KNOB

#### CABINET RIMLOCKS with turn knob 4309

Case size 47 x 46mm. + lips. Backset 25mm, lever hole 5 x 5mm. This lock is usable left hand and right hand. For 18 - 23mm. door thickness.

material  
BSC  
BP  
BP  
BPC

### MISCELLANEOUS CABINET LOCKS

#### STRIKING PLATES for cabinet locks Satin brass chrome

Angular striking plates / bumper plates for cabinet rim locks. Satin brass chrome without hole with lip.

material	size
BSC	15 x 5 x 50mm



365920

### STRIKING PLATES for cabinet locks brass

Striking plates for cabinet locks. Brass with straight angles.

	size	hole size
<b>365910</b>	60 x 12 x 1mm	31 x 7mm

### ANGULAR STRIKING PLATES for cabinet locks

Angular striking plates for brass cabinet locks. With straight angles.

	size	hole size
<b>365913</b>	55 x 14 x 14 x 1,3mm	26 x 6mm

### EYE FIXTURES 509

Type 509. Satin brass chrome eye fixtures for sealing cabinets.

	construction	size	hole size
<b>366398</b>	BSC	34 x 34mm	4mm

### EYE FIXTURES 3170

Type 3170. Brass padlock eye fixtures. Also usable for mounting paintings.

	size
<b>366395</b>	20 x 38mm

### FINGER RINGS wood

Wooden finger rings for operating finger catches and for opening doors and covers.

	kind of wood	size
<b>384710</b>	teak	diameter 32mm / length 17mm
<b>384713</b>	teak	diameter 40mm / length 18mm

### REFRIGERATOR HARDWARE

#### REFRIGERATOR FASTENERS 510

Type 510. Very suitable for small galley doors. Usable left hand and right hand. Zamac chrome-plated.

	type
<b>372470</b>	lock
<b>372485</b>	nose

#### REFRIGERATOR FASTENERS 6770

Type 6770. With locking cam. For 20mm. overlay doors. Usable left hand and right hand.

	material	length
<b>372488</b>	Zamac chrome-plated	127mm



Art. nr.



372473  
372475

### REFRIGERATOR FASTENERS 9210 / 9211

Type 9210 / 9211. Including 3 different nose cams for plain and overlay doors.

material	plate size
Zamac chrome-plated	38 x 38 mm
Zamac chrome-plated	47,5 x 47,6mm



372501  
372502

### REFRIGERATOR FASTENERS toggle model

Toggle model. Brass, mat chrome-plated. Heavy duty. Without locking cam.

handing	size
left	Ø 90mm x length 222mm
right	Ø 90mm x length 222mm



372503  
372504

### LOCKING CAMS for refrigerator fasteners

Mat chrome-plated. For toggle model.

handing	size
left	100 x 32 x 56mm
right	100 x 32 x 56mm



372490

### REFRIGERATOR HINGES 420 / 421

Type 420 / 421. Narrow model for doors with 20mm overlay. Plate with two screw holes.

material	size (A x B x C x D)
Zamac chrome-plated	60 x 21 x 53 x 14mm



372493

### REFRIGERATOR HINGES for 20mm rim

Wide model for 20mm overlay doors. Plate with four screw holes.

material	size (A x B x C x D)
Zamac chrome-plated	104 x 44 x 76 x 30mm



372495

### REFRIGERATOR HINGES wide model horizontal doors

Wide model for plain horizontal doors. Plate with four screw holes.

material	size (A x B x C x D)
Zamac chrome-plated	80 x 42 x 78 x 28mm



305250

### SEALING PROFILES grey

Grey, per meter. Usable for refrigerators, cold rooms and bar furniture.

size
20 x 14mm

## HATCH FASTENERS AND PULLS

### HATCH FASTENERS 4627

With plain rose. For small hatches and service panels in walls, ceilings, etc.

type	part	material
4627	locker	BSC
3153	bushing	BSC
4625	square key 7mm	BSC

372440  
372445  
372449

### HATCH FASTENERS 4630

Heavy duty, type 4630. Watertight by means of O-ring. Different length of socket-head bolt gives different working length.

size	maximum working length	diameter of flange	material
M12 x 80	55mm	55mm	SS 316
M16 x 120	115mm	65mm	SS 316
sockethead screw wrench 10mm for M12	-	-	-
sockethead screw wrench 14mm for M16	-	-	-

372448  
372447  
177761

177763

### HATCH FASTENERS

Lockable by means of cylinder and supplied with a cover. Cover diameter 84mm, thickness 6mm. Case diameter 68mm. Excl. cylinder.

material

372235

BPC

### HATCH FASTENERS seawater-resistant, watertight model

Seawater-resistant, watertight model. Lockcase 50mm, hatch min. 38mm. and max. 60mm. thickness. With triangular pin.

material toggle size

372452  
372435  
372436  
372438  
372439  
372431  
372457

stainless steel 316, without key and lip  
loose lip 12mm offset 38mm  
loose lip plain 50mm  
loose lip 6mm offset 56mm  
loose lip 10mm offset 60mm  
emergency grip red  
key triangular galvanized

### HATCH FASTENERS seawater-resistant and watertight by O-ring

Stainless steel 304. Square pin 8 x 8mm. Without lip. Seawater-resistant and watertight by means of O-ring. Clamping range: working length + offset in mm.

working length max hatch thickness

372432  
372433  
372436  
372438  
372439  
372450

18mm 8mm  
30mm 20mm  
loose lip plain -  
loose lip 6mm offset -  
loose lip 10mm offset -  
key square 8mm nickel-plated steel -



Art. nr.



372239  
372238

### FLUSH LIFTING RINGS adjustable latch

With adjustable latch. For hatch thickness from 10 till 20mm.  
Size 53 x 60mm.

material  
BC  
BC, with lock



372115  
372116

### RING CATCHES 58x40mm

Including angular striking plate. Size 58 x 40mm.  
Faceplate 17 x 40mm

material	overall depth
brass, chrome-plated	16mm
brass, polished	16mm



372117

### RING CATCHES 57x40mm

Including angular striking plate. Size 57 x 40mm, frontplate  
16 x 40mm.

material	overall depth
BC	13mm



372236

### HATCH FASTENERS incl. angular striking plate

Including angular striking plate. Operable from both sides.  
Size 82x100mm, striking plate 24x45mm.

material	overall depth
BC	23mm



372373  
372374

### PUSH GRIP LATCHES 3820

Including angular striking plate. Size 48x42mm.

material	door thickness
BC	20mm
BP	20mm



384830  
384831

### HATCH PULLS 168

With grey plastic flush.

length x width	material	overall depth
85 x 50mm	BSC	11mm
85 x 50mm	BP	11mm



384782

### HATCH PULLS SS 316 (A4)

Completely flush.

material	dimensions	overall depth
SS 316 (A4)	75 x 56mm	12mm

### HATCH PULLS SS

SS hatch pulls heavy duty. 2mm. plate.

	length x width	material
384850	130 x 90mm	SS
384851	170 x 105mm	SS

### HATCH PULLS BC brass

Brass, entirely flat.

	material	size	overall depth
384832	BC	54 x 75mm	11mm

### HATCH RINGS BC

Entirely flat. Size 53mm. By its round shape easy to mount. Screw-on.

	material	overall depth
384798	BC	14mm
38479900	BP	14mm
38479901	BSC	14mm

### HATCH RINGS BC flat model

Entirely flat. Size 53mm. By its round shape easy to mount. Blind mounting M4.

	material	overall depth
384799	BC	14mm

### HATCH RINGS BP / BC / BPC

Inlet ring grips for floor hatches. Also suitable for cabinets and drawers.

	material	size
384802	BP	40 x 30mm
384803	BP	51 x 38mm
384804	BP	60 x 47mm
384812	BPNP	40 x 30mm
384813	BPNP	51 x 38mm
384814	BPNP	60 x 47mm
384801	BPC	39 x 45mm
384806	BPC	48 x 63mm

### HATCH RINGS SS pressed model

Pressed model.

	material	size
384820	SS	55 x 65mm

### HATCH RINGS SS flush

Hatch rings SS 316 (A4). Completely flush.

	type	dimensions	overall depth
384780	8241	47 x 38mm	13mm



Art. nr.



384781

### HATCH RINGS SS flush 8242

Hatch rings SS 316 (A4). Completely flush.

type	dimensions	overall depth
8242	63 x 44mm	13mm



372466

### COMPARTMENT LOCKS

With striking plate and padlock eye. For deck benches on board of yachts, motor yachts, etc.

material
stainless steel



384785

### HATCH FASTENERS SS 316 (A4)

Push grip lock. SS 316 (A4).

type	dimensions
8834	60mm



384790

### HATCH FASTENERS SS 304 (A2) lockable

SS 304 (A2). Including 2 keys

type	dimensions
8589	50x55mm



384791

### HATCH FASTENERS SS 316 (A4) lockable

SS 316 (A4). Including 1 key.

type	diameter
814060	61mm

## CHAIR LASHINGS AND ACCESSORIES

### CHAIR LASHINGS 540

Chair lashings with tightening screw. For mounting chairs firmly on board. Complete with chair eye and bottom plate M10.

384955

material	length
BPC	+/- 540mm

### CHAIR LASHINGS 541

Chair lashings with spring. For mounting chairs firmly on board. Complete with chair hook and bottom plate.

384950

material	length
BSC	+/- 430mm



## CHAIR PLATES for chair lashings

Chair plates for mounting chair fasteners to the chair.

material

384959

BPC

## LASHING PLATES 490

Lashing plates on a diamond shaped plate. Heavy cast model with four screw holes.

material

size

384904

SS

80 x 50mm

## SLIDING DOOR HARDWARE

### SLIDING DOOR HARDWARE

Complete sliding door hardware sets.

### SLIDING DOOR HARDWARE SET Marathon

Complete, ball-bearing sliding door hardware set made of stainless materials. Vertically and horizontally adjustable door. Suitable for 1 door

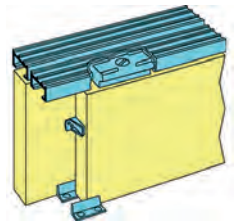
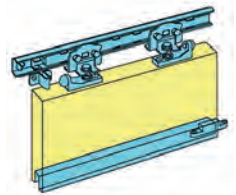
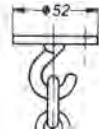
	type	door size	max. door weight
390650	Marathon J2	400 - 750mm	55kg
390651	Marathon J3	750 - 900mm	55kg
390652	Marathon J4	900 - 1050mm	55kg
390653	Marathon J5	1050 - 1200mm	55kg
390654	Marathon J6	1200 - 1500mm	55kg
390655	Marathon S3	750 - 900mm	90kg
390656	Marathon S4	900 - 1050mm	90kg
390657	Marathon S5	1050 - 1200mm	90kg
390658	Marathon S6	1200 - 1500mm	90kg

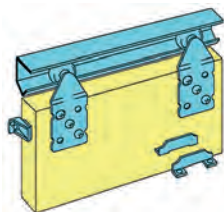
### SLIDING DOOR HARDWARE SET Slipper

Maximum allowed door weight: 9kg. Complete set for cabinet doors. Easy assembly, easily detachable. Noisefree due to nylon guides. Top space required: merely 13mm. No supporting rails necessary.

- Maximum door height: 1800mm.
- Maximum door width: 900mm.
- Door thickness: 16 - 30mm.
- Set for 2 doors.

	type	door size
390664	Slipper SS4	up to 1200mm for 2 doors
390665	Slipper SS5	up to 1500mm for 2 doors
390666	Slipper SS6	up to 1800mm for 2 doors



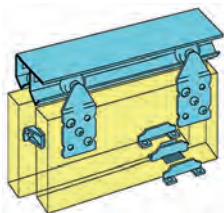

**390674**
**390675**
**390676**

### SLIDING DOOR HARDWARE SET Single top

Maximum allowed door weight: 45kg. Complete sets with aluminium top rail. Suitable for mounting on ceilings as well as walls. The suspension rollers cannot fall out of the rail: they are supplied with nylon wheels with ball bearings and adjustable mounting plate. All parts are non-corrosive.

- Maximum door height: 2400mm.
- Maximum door width: 900mm.
- Door thickness: 16 - 40mm.

type	door size
Single top ST12	up to 600mm for 1 door
Single top ST15	up to 750mm for 1 door
Single top ST18	up to 900mm for 1 door


**390684**
**390685**
**390686**
**390688**
**390689**

### SLIDING DOOR HARDWARE SET Double top

Maximum allowed door weight: 45kg. Complete sets with aluminium top rail. As Single top, but suitable for several doors. Double rail.

- Maximum door height: 2400mm.
- Maximum door width: 900mm.
- Door thickness: 16 - 40mm.

type	door size
Double top W12	1200mm for 2 doors
Double top W15	1500mm for 2 doors
Double top W18	1800mm for 2 doors
Double top W24	2400mm for 3 doors
Double top W30	3000mm for 4 doors


**390690**

### SUSPENSION ROLLERS

Suspension rollers for Single top and Double top sets. Per piece.

type
222

### SLIDING DOOR HARDWARE Kroon 80K

This sliding door hardware is perfectly suitable for:

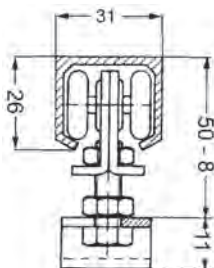
- front cabinet panels
- curved shower doors
- folding wall panels and harmonica door
- coupled doors

Rails can be bent to fit for e.g. round shower doors.

### SLIDING DOOR RAILS Kroon 80K

Heavy extruded aluminium rail. Maximum load capacity: 80kg. Length: 6m, order per metre.

measure
21 x 21 x 2.5mm

**390250**


### MOUNTING BRACKETS Kroon 80K

For mounting the sliding door rail to the wall.

material	measure
SS	50 x 18 x 3mm
galvanized	40 x 30 x 3mm

**390252**
**390253**


## SUSPENSION ROLLERS Kroon 80K

Suspension roller with 4 borne nylon wheels.

material

390255  
390240

SS  
galvanized



## DOOR FLANGES Kroon 80K

For attaching a wooden door to the suspension roller.

material

390256  
390241

SS  
galvanized

measure

101 x 25mm  
101 x 25mm



## DOOR STOPS Kroon 80K

material

390257

nylon



## END STOPS Kroon 80K

To mount on sliding door rail ends to prevent the suspension roller from rolling out of the rail. Or to adjust a maximum opening angle for the sliding door.

material

390259  
390245

SS  
galvanized



## SUPPORTING GUIDES Kroon 80K

To guide a sliding door from the bottom in case of receded plinths.

material

390269  
390261  
390263  
390264

nylon  
SS/nylon  
galvanized  
galvanized

measure

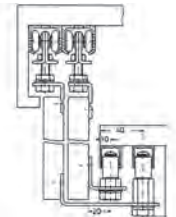
35 x 50mm  
35 x 50mm  
35 x 50mm  
90 x 65mm

roll diameter

not applicable  
15mm  
15mm  
15mm

height

32mm  
32mm  
32mm  
46mm



## SUPPORTING RAILS Kroon 80K

Aluminium. Length: 5 metre, order per metre.

material

306269

AA

measure

20 x 20 x 2mm



## SLIDING DOOR HARDWARE Fibre

In this hardware system, the door slides along the guide rail, instead of rolling along the rail as in most systems.

## SLIDING DOOR PROFILES fibre red

Fibre. To be milled into cabinet threshold. Colour: red.

type

390050  
390051

1  
2

size

13 x 3mm  
15 x 5mm

length

2 metre  
2 metre



Art. nr.



**390054**  
**390055**

### SLIDING DOOR PROFILES aluminium fibre

Aluminium / fibre. To be screwed onto cabinet threshold.

type	length
single	2 metre
double	2 metre



**390058**  
**390059**

### SLIDING DOOR SLIDERS fibre red door bottom

Fibre. To be screwed onto door bottom. Colour: red.

type	size
1	46 x 11 x 8mm
2	53 x 13 x 10mm



**390060**  
**390061**

### RAIL PROFILE bottom

Screw-on bottom rail profile. Measure: 18 x 8mm. With a 3mm. curl. In 2-metre lengths.

type	colour	material
1425	light brown	galvanized steel
1425	white	galvanized steel



**390062**  
**390063**

### RAIL PROFILE top

Mill-in top rail profile. Size: 9.5 x 7.5mm. In 2-metre lengths.

type	colour	material
1440	brown	PVC
1440	white	PVC



**390065**

### BOTTOM ROLLERS

Insert in door bottom. Ensures that sliding door system opens perfectly. Material: PVC casing, nylon ball-bearing wheels. Drilling diameter: 30mm.

type	colour	load capacity	construction
1450	brown	25kg	with screwplate



**390067**  
**390066**

### TOP SLIDERS top

Insert in door top. Ensures that sliding door systems opens perfectly. Material: PVC. Drilling diameter: 30mm.

type	colour	construction
1454	brown	with screwplate
1453	brown	without screwplate

## SLIDING DOOR HARDWARE Miscellaneous

### SLIDING HATCH PROFILES

Anodized aluminium. Bottom and top profile are similar. This profile slides smooth and noiseless thanks to a nylon sliding block. To turn a hatch into a sliding hatch, profile length needed equals 6 x hatch length. Installation size: 25 x 28mm.

description	length
profile aluminium	6 metre
sliding block nylon per piece	30mm
sliding block profile nylon	per metre

**390070**  
**390072**  
**390073**

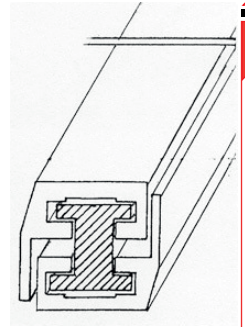
### SLIDING DOOR PULLS

Size 100 x 16mm.

material

**384884**  
**384885**

BC  
 BP





343200  
343202



343260  
343262  
343263  
343265  
343267



342900



342910



342917

## HANDRAIL

### HANDRAIL HARDWARE ALUMINIUM

#### DISTANCE GUARDS

Anodized aluminium. For handrails.

type	adjustable from
3580	44 x 56mm
3581	55 x 76mm

### HANDRAIL SYSTEM TUBE 38MM

#### HANDRAIL SYSTEM 38mm 5mtr

Anodized aluminium. Suitable for 38mm. tube. Tube profile delivered per metre. Length: 5 metre.

description

343260	tube profile
343262	end support flat model
343263	centre support flat model
343265	middle support round model
343267	end support round model

#### HANDRAIL SYSTEM 2300

High-quality handrail system for construction and shipbuilding. Rectangular. Made of anodized aluminium. Rectangular tube profile delivered per metre. Total length: 6 metre.

#### TUBE PROFILE 2300

2309. Tube profile 45 x 35mm.

type	2309
------	------

#### WALL SUPPORTS 2300

Universal wall support, 92mm. Tube is mounted in slothole by means of a sliding bolt, thus assembly is very simple.

type	2398A
------	-------

#### BACKPLATES 2300

Backplates for soft walls.

type	wall thickness
2390	21mm to 25mm

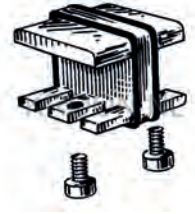
**CONNECTORS 2300**

For connecting two lengths.

type

342932

2316

**CORNER CONNECTORS 2300**

For creating right angles.

type

342920

2317

**END PIECES 2300**

For creating right angles at the end of a handrail to suggest an outlet in the wall.

type

342922

2317A

construction

342924

2317B

right

left

**END CAPS 2300**

For closing off handrail ends.

type

342928

2312

construction

342929

2316A

flat

rounded

mounting

visible

concealed

**HINGED CONNECTION PIECES 2300**

For creating vertical bends with any angle. Maximum adjustment: 120 degrees.

type

342935

2325

**HANDRAIL SYSTEM 2800**

High-quality handrail system for construction and shipbuilding. Round model. Made of anodized aluminium with plastic linking and end pieces. The round tube profile is delivered per metre. Total length: 6 mtr.

**TUBE PROFILE 2800**

Round aluminium handrail profile.

type

342960

2809



Art. nr.



342961

### COVER STRIPS 2800

For concealing the mounting slot on the bottom of the tube profile. Black plastic.

type

2328



342963

### HANDRAIL SUPPORTS 2800

For mounting the handrail to the wall.

type

2898

description

handrail support



342966

### END PIECES 2800 for handrail

To be used on handrail ends for a neat finish. Black plastic.

type

2812



342969

### LINKING PIECES 2800

To link two handrail tubes. Black plastic.

type

2816



342974

342975

### END PIECES 2800 with black rings and caps

For finishing handrail tube ends. With black plastic rings and end caps.

type

2817B

2817A

construction

left

right



342976

### CORNER PIECES 2800

For creating 90-degree angles. With black plastic rings.

type

2817



342977

### END PIECES 2800 vertical mounting

Aluminium. Vertical mounting. With black plastic ring.

type

2824

**HINGED CONNECTION PIECES 2800**

Aluminium. With black plastic rings.

type	2825
------	------

342979

**STAIR CORNER CONNECTORS 2800**

Aluminium. With black plastic rings.

type		in between size
342980	2827	60mm
342981	2828	90mm
342982	2829	115mm

**HANDRAIL SUPPORTS 2800 aluminium vertical model**

Aluminium, vertical model.

type	length	construction
342950	2842	995mm mounted to floor

**HANDRAIL SUPPORTS FOR STANDING TUBES 2800**

Aluminium.

type		construction
342957	2850	adjustable

**BOTTOM FLANGES 2800**

Bottom flange with M12 mounting for standing tubes. Aluminium.

type	2846
------	------

342959

**MOUNTING SCREWS 2800**

Stainless steel screws for linking various parts from the 2800 handrail system.

type		size
342996	2874	15mm
342997	2874	17mm

**HANDRAIL SUPPORTS BRASS****HANDRAIL SUPPORTS 1410 1411**

Cast model. Brass polished.

type		suitable for	construction
343244	1410	woodscrews	flat



Art. nr.



343247

### HANDRAIL SUPPORTS BN922FV

Cast model. Brass polished.

type	suitable for
BN922FV	woodscrews



343325  
343326

### HANDRAIL SUPPORTS END 2545G

2545G. Heavy duty model. Brass. Centre to centre distance: 56mm, oval foot plate 80 x 40mm. For 42mm. diameter tube.

construction	material
left	BSC
right	BSC



343327

### HANDRAIL SUPPORTS CENTRE 2549G

2549G. Heavy duty model. Brass. Centre to centre distance: 56mm, oval foot plate 80 x 40mm. For 42mm. diameter tube.

construction	material
centre support	BSC

## RAIL HARDWARE

### RAIL HARDWARE Brass

3556 - 3558. Hinge part and closing set.



343355

material	wood measure	inside measure
BPC	74 x 39mm	67 x 32mm

## WARDROBES

### WARDROBE SYSTEM GARDELUX 1

Extensive documentation available on request. Gardelux tube and supports can also very well be applied to handrail systems. Consists among other things of the following:

### WARDROBE TUBE GARDELUX 1 oval

Oval model. Material: aluminium.



343001

type	measure
1010	30 x 14 x 2mm

### WARDROBE SUPPORTS GARDELUX in the clear

Material: aluminium.



343003  
343005  
343008

type	construction	size
1170	open	51 x 22mm
1175	closed	71 x 22mm
1180	closed, triangle	76 x 54mm

## CEILING SUPPORTS GARDELUX

Material: aluminium.

type	construction	size
1190	end	95 x 39mm
1192	centre	95 x 54mm

343010  
343012

## WALL SUPPORTS GARDELUX 1030 1032

Material: aluminium.

type	construction	size
1030	end	55 x 33mm
1032	centre	55 x 50mm

343033  
343035

## WALL SUPPORTS GARDELUX 1070 1071 1072

Material: aluminium.

type	construction	size
1070	left	103 x 192mm
1072	centre	103 x 192mm
1071	right	103 x 192mm

343040  
343041  
343042

## WALL SUPPORTS GARDELUX 1110 1111 1112 1130 1131 1132

Material: aluminium. Fitted with 3 holes.

type	construction	size	hole
1132	centre	103 x 278mm	horizontal
1110	left	103 x 310mm	vertical
1112	centre	103 x 310mm	vertical
1111	right	103 x 310mm	vertical

343056  
343060  
343061  
343062

## WALL SUPPORTS GARDELUX 1140 1141 1142

Material: aluminium.

type	construction	size
1140	left	157 x 278mm
1142	centre	157 x 278mm
1141	right	157 x 278mm

343050  
343051  
343052

## END STOPS GARDELUX 1290

Material: aluminium.

type	size
1290	32 x 16mm

343115



Art. nr.



**343100**

### CAP NUTS for Gardelux wardrobe system

Material: aluminium. For mounting brackets.

type	size
5865	M8



**343145**

### COAT HANGERS GARDELUX 1262

Material: aluminium. With black hook.

type	size
1262	440 x 195mm



**343015**

**343020**

**343025**

**343030**

### HAT AND COAT RACKS GARDELUX for tube 1010

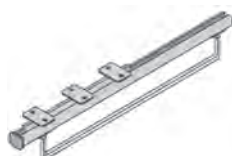
These can be mounted on Gardelux tube 1010. With small fitting screw.

type	construction	height x depth
1230	3 hooks	77 x 130mm
1201	1 hook	33 x 73mm
1221	1 hook	65 x 40mm
1231	2 hooks	63 x 40mm

### MISCELLANEOUS WARDROBE PRODUCTS

#### WARDROBE GUIDES QUADRO

Extendable. High load capacity and optimal sliding quality are combined with an attractive design. Four-track guide, plastic-coated. Brackets: nickel-plated steel.



**343187**

**343188**

number	length
28714	400mm
28715	500mm

#### COAT HANGER RAILS 40279

Extendable. Nickel-plated steel.



**343195**

number	length
40279	310mm



**343409**

#### WARDROBE TUBE 47616

Oval wardrobe tube 30 x 15mm.

type	length	material
47616	5000mm	chromed

**WARDROBE TUBE SUPPORTS 70664**

To be mounted with 2 screws. Hole distance: 32mm.

	number	inside measure	material
<b>343411</b>	70664	30 x 15mm	Nickelplated

**WARDROBE TUBES nickel-plated steel**

	diameter	material	length
<b>343404</b>	19mm	nickel-plated steel	3 mtr
<b>343405</b>	25mm	nickel-plated steel	3 mtr

**WARDROBE TUBE SUPPORTS nickel-plated steel**

Nickel-plated. Per pair.

	diameter
<b>343412</b>	13mm
<b>343414</b>	19mm
<b>343415</b>	25mm

**CUP HOOKS 301-25**

Type 301-25. With wood screw.

	material
<b>386203</b>	BC
<b>386204</b>	BP

**CUP HOOKS 238**

With wood screw.

	material
<b>386206</b>	BSC
<b>386207</b>	BP

**CURTAIN RETAINERS**

	material	length
<b>386211</b>	BP	55mm
<b>386213</b>	AA	55mm

**WARDROBE HOOKS AND RACKS****COAT HOOKS 139**

Aluminium profile.

	type	size
<b>386060</b>	139	41 x 47mm



Art. nr.



**386063**

**COAT HOOKS 11**

Cast aluminium.

type	size
11	48 x 45mm



**386065**

**COAT HOOKS 29**

Cast aluminium.

type	size
29	60 x 44mm



**386066**

**COAT HOOKS 31**

Cast aluminium.

type	size
31	52 x 43mm



**386069**

**COAT HOOKS 33**

Cast aluminium.

type	size
33	55 x 43mm



**386072**  
386074

**COAT HOOKS 4240A**

Size: 40 x 45mm.

material

BP  
BPC



**386103**

**HAT AND COAT HOOKS 880**

Aluminium profile, anodized.

type	size
880	80 x 106mm



**386105**

**HAT AND COAT HOOKS 138**

Aluminium profile, anodized.

type	size
138	76 x 105mm

**HAT AND COAT HOOKS 10**

Cast aluminium, anodized.

	type	size
<b>386108</b>	10	85 x 128mm

**HAT AND COAT HOOKS 28**

Cast aluminium, anodized.

	type	size
<b>386109</b>	28	90 x 100mm

**HAT AND COAT HOOKS 30**

Cast aluminium, anodized.

	type	size
<b>386110</b>	30	87 x 128mm

**HAT AND COAT HOOKS 32**

Cast aluminium, anodized.

	type	size
<b>386112</b>	32	89 x 127mm

**HAT AND COAT RACK 882 883**

Anodized aluminium profile hooks, mounted on wardrobe frame.

	type	construction	size
386152	882	2 hooks	250 x 102mm
386153	883	3 hooks	410 x 102mm

**HAT AND COAT RACK 822 823 824**

Cast anodized aluminium hooks, mounted on wardrobe frame.

	type	construction	size
<b>386160</b>	822	2 hooks	250 x 102mm
<b>386161</b>	823	3 hooks	410 x 102mm
<b>386162</b>	824	4 hooks	570 x 102mm

**HAT AND COAT RACK 862**

Cast anodized aluminium hooks, mounted on wardrobe frame 45mm.

	type	construction	size
<b>386165</b>	862	2 hooks	250 x 129mm





**393450**  
**393451**  
**393452**  
**393453**  
**393460**  
**393461**  
**393462**  
**393463**



**393448**



**393116**  
**393117**  
**393136**  
**393137**



**393145**  
**393148**



**393410**

## VENTILATIONGRILLS

### SHIPS VENTILATIONGRILLS

#### SHIPS VENTS 2534 round can be closed

Type 2534. Round, can be closed.

diameter	inlet	material
100mm	13cm <sup>2</sup>	BSC
125mm	20cm <sup>2</sup>	BSC
150mm	37cm <sup>2</sup>	BSC
180mm	50cm <sup>2</sup>	BSC
100mm	13cm <sup>2</sup>	BP
125mm	20cm <sup>2</sup>	BP
150mm	37cm <sup>2</sup>	BP
180mm	50cm <sup>2</sup>	BP

#### SHIPS VENTS round stainless steel

Stainless steel.

diameter
125mm

### LOUVERED VENTS

#### LOUVERED VENTS 2537 brass

Type 2537. Brass plate material. Thickness: 1.25mm.

width x height	inlet	material
160 x 80mm	35cm <sup>2</sup>	BSC
160 x 80mm	35cm <sup>2</sup>	BP
360 x 95mm	70cm <sup>2</sup>	BSC
360 x 95mm	70cm <sup>2</sup>	BP

#### LOUVERED VENTS polished stainless steel

Polished stainless steel. Quality 316. Cannot be closed.

width x height	number of louvres
125 x 114mm	1 row
230 x 115mm	2 rows next to each other

### CUPBOARDVENTS

#### CUPBOARDVENTS round

Round.

diameter	material
52mm	SS

## TUBEVENTS

### TUBEVENTS white plastic

White plastic.

	diameter	inlet
<b>393420</b>	100mm	78cm <sup>2</sup>
<b>393421</b>	120mm	86cm <sup>2</sup>
<b>393423</b>	150mm	176cm <sup>2</sup>

### TUBEVENTS white plastic adjustable

Can be closed. Adjustable from 100 to 150mm.

	material
<b>393425</b>	white plastic

### LOUVERED VENTS light grey plastic

With drain rim and universal connection. Connection possibilities: from 100 to 125mm. diameters. Surface / channel: 110 x 55mm. With 4 louvres.

	outside measure	material
<b>393428</b>	165 x 165mm	light grey plastic

## DECKVENTS

### DECKVENTS stainless steel

Stainless steel. Can be closed by a turning knob. With wire gauze. Splashproof, with drain holes. Especially for yachts.

	outside measure	connection diameter
<b>393480</b>	185mm	80mm
<b>393481</b>	240mm	120mm

### DECKVENTS stainless steel mushroom-shape

Stainless steel. Can be closed by turning knob. With wire gauze. Splashproof. Mushroom-shaped model especially for yachts.

	outside measure	inlet diameter
<b>393485</b>	115mm	80mm
<b>393486</b>	150mm	120mm
<b>393487</b>	175mm	140mm

### DECKVENTS cast aluminium mushroom shape

Cast aluminium. Mushroom-shaped model especially for shipbuilding. Heavy duty, robust construction. Splashproof.

	outside measure flange	installation measure	height adjustable
<b>393491</b>	240mm	6" diameter = 150mm	100 - 170mm



Art. nr.



393493

### TORPEDOVENTS

Cast aluminium. Inlet: 140mm, outlet: 75mm. Next to waterproof. Extra ventilation due to special torpede shape.

inside diameter	flange size	height
90mm	150mm	220mm

### BATHROOM CABINETS AND BATHROOM ACCESSORIES

#### MISCELLANEOUS PRODUCTS

#### BATHROOM CABINETS with 1 mirror door

With self-closing hinges and magnetic door closing device. Size: 590 x 335 x 110mm. Including 2 shelves and tumbler support. Fit for 11 Watt PL-armatures, these are not included.

type	door rotation	material
KK30-901	left	white enamelled
KK30-901	right	white enamelled

389050  
389051



#### LIGHTING ARMATURES

With shaver socket. Matching with bathroom cabinets type 030 and 131. These armatures are supplied without lamps. 115/230 Volt, 60Hz.

type	length
580/2	318mm
580/1	318mm

389052  
38905210

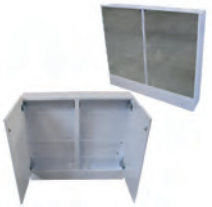


#### BATHROOM CABINETS with 2 mirror doors

With self-closing hinges and magnetic door closing device. Size: 600 x 640 x 113,5mm. Including 2 shelves and tumbler support. Fit for 18 Watt PL-armatures, these are not included.

type	material
KK30-902	white enamelled

389055



#### LIGHTING ARMATURES double

With shaver socket. Matching with bathroom cabinets type 30-902. These armatures are supplied without lamps. 115/230 Volt, 60Hz.

length	type	model
633mm	580/2	without switch
633mm	580/2	with switch

389056  
38905600



### BATHROOM ACCESSORIES

#### TOWEL HOOKS 555

AA. Profile model.

type	H x W x D
555	36 x 13 x 26mm

386010



**TOWEL HOOKS 551 553**

AA. Cast model.

	type	H x W x D
<b>386012</b>	553	37 x 22 x 33mm
<b>386015</b>	551	45 x 35 x 36mm

**TOWEL HOOKS 312-20 312-30 312-40**

Cast model. Single.

	type	material	H x W x D
<b>386025</b>	312-20	BP	25 x 15 x 22mm
<b>386020</b>	312-20	BN	25 x 15 x 22mm
<b>386026</b>	312-30	BP	35 x 15 x 29mm
386021	312-30	BN	35 x 15 x 29mm
<b>386027</b>	312-40	BP	40 x 16 x 32mm

**TOWEL HOOKS 559-93**

Aluminium, nickel-plated.

	type	H x W x D
<b>386005</b>	559-93	36 x 18 x 27mm

**TOWEL RACKS 653 654**

AA.

	type	model	H x W x D
<b>386043</b>	653	with 3 hooks	35 x 210 x 30mm
<b>386044</b>	654	with 4 hooks	35 x 280 x 30mm

**SHIP'S FURNITURE AND SUPPLIES****BUNK LADDERS****HOOKS for ladder icw 342435**

Chromed brass.

	size	in combination with:
<b>342436</b>	105 x 20 x 20mm	art. 342435

**SUPPORTING PLATE for ladder icw 342433**

Chromed brass.

	size	in combination with:
342434	65 x 35mm	art. 342433

**SUPPORTING PLATE for ladder icw 342436**

Chromed brass.

	size	in combination with:
<b>342435</b>	85 x 28 x 14mm	art. 342436



**TABLE HARDWARE**
**ANGULAR ANTI-ROLLING LEDGE 4169E-4**

Type 4169E-4. Brass satin chrome-plated.

size

100 x 100 x 40mm

**342124**

**ANTI-ROLLING LEDGE SUPPORTS 11x20mm**

For bookshelves. Inside measurements 11 x 20mm, external measurements 15 x 35mm.

type

material

**342127**

2024

BPC

**342128**

2024

BSC


**ANTI-ROLLING LEDGE SUPPORTS 8x25mm**

For bookshelves. Inside measurements 8 x 25mm.

type

material

**342130**

4730

BP

**342131**

4730

BSC

**342132**

4730

BPC


**TABLE-TOP PROFILES**

material

length

**306305**

aluminium table-top profile

660mm

**306306**

brown plastic lay-in profile

580mm


**FOLDING SEATS AND HARDWARE**
**FOLDING SEAT FITTING support 300mm**

With spring, hinging upwards

Length support 300mm, assembling plate 125 x 56mm.

material

galvanized

**342398**

**FOLDING SEAT FITTING support 305mm**

With spring, hinging upwards.

Length support 305mm, assembling plate 95 x 47mm.

type

material arms

material support

**342400**

4037

AA

BSC


**FOLDING SEATS 5556**

With spring. Colour: beige.

type

material seats

material plate and support

**342405**

5556

beige polyester

lacquered aluminium



## MISCELLANEOUS PRODUCTS

### TABLE ASHTRAYS

Round 160mm.

material

389030

SS



### WALL ASHTRAYS

With cover, completely open. Size 110 x 75 x 63mm. Without cigarette rest. Can be tumbled.

material

389038

AA



### SPEAKING-TUBE MOUTHPIECES

Consisting of:

mouthpiece R1" brass polished, with whistle

coupling R1", brass

769612

395132

hose with spiral, interior diameter 32mm



### STAIR EDGINGS ANTI SLIP PROFILE

#### STAIR EDGINGS ANTI SLIP PROFILES MINI 9x6mm

Stair edgings anti slip profile mini 9 x 6 mm. T-profile. For indoor use.

1 rol of approx 50 meter.

The profile is made of soft plastic, which can be mounted in a milled indentation in the stair nosing.

30626230

beige

length

50mtr

width

9mm

height

6mm

30626210

blue

50mtr

9mm

6mm

30626240

brown

50 mtr

9mm

6mm

30626200

yellow

50mtr

9mm

6mm

30626290

glow in the dark

50mtr

9mm

6mm

30626270

grey

50mtr

9mm

6mm

30626220

red

50mtr

9mm

6mm

30626250

white

50mtr

9mm

6mm

30626280

silver metallic

50mtr

9mm

6mm

30626260

black

50mtr

9mm

6mm





Art. nr.

## STAIR EDGINGS ANTI SLIP PROFILES

### 12x9mm

Stair edgings anti slip profile mini 12 x 9 mm. T-profile. For indoor use.

1 rol of approx 25 meter.

The profile is made of soft plastic, which can be mounted in a milled indentation in the stair nosing.

	color	length	width	height
<b>30626530</b>	beige	25mtr	12mm	9mm
<b>30626510</b>	blue	25mtr	12mm	9mm
<b>306264</b>	brown	25mtr	12mm	9mm
<b>30626500</b>	yellow	25mtr	12mm	9mm
<b>30626590</b>	glow in the dark	25mtr	12mm	9mm
<b>30626570</b>	grey	25mtr	12mm	9mm
<b>30626520</b>	red	25mtr	12mm	9mm
<b>30626550</b>	white	25mtr	12mm	9mm
<b>30626580</b>	silver metallic	25mtr	12mm	9mm
<b>306263</b>	black	25mtr	12mm	9mm

## DOORCLOSERS, -HOLDERS AND STOPS

### DOORCLOSERS.

#### DOORCLOSERS TS 59

A compact doorcloser with multiple possibilities. By reversing the spring the door closer can be used on the left as well as the right. The closer can be used for inside as well as outside-opening doors and can open at a 150 degree angle, by means of a special arm. Standard with 90 degree opening. Model: cast iron, silver. With closing arm.

size	max. width of door
3	1050mm
4	1250mm
separate arm	TS 59 3&4

379003

379004

379010



#### DOORCLOSERS TS 73V

Silver-coloured aluminium body. Can be used on the left and the right. Adjustable closing force, by means of an easy-to-operate thermostatic valve. Constant closing speed, even at variable temperatures. Can be used for regular and top jamb installation. Available in every RAL colour, SS finish, brass polished or chrome-plated finish. Without closing arm, this must be ordered separately.

size	max. width of door	fireproof door
2-4	1000mm	-
regular arm	for Dorma 73 and 83	-
regular arm extra long	for Dorma 73 and 83	-
opening arm	maximum angle up to about 150 degrees	-

379033

379125

379127

379128



#### DOORCLOSERS TS 73 EMF

A combination of a doorcloser TS 73 and an electro-magnetic hold-open device for 75 - 180 degree angle. Working voltage 24. 2.8 Watt. Door closes automatically in case of power interruption or breakdown. The Dorma EMF can also be connected to fire emergency rooms and/or smoke detectors. Can also be combined with the Dorma EMR. The EMF is silver-coloured and can be used both on the left and the right. With closing arm.

size	max. width of fireproof door
5	1125mm

379090





**379083**  
**379125**  
**379127**  
**379020**  
**379128**

### DOORCLOSERS TS 83

Silver-coloured, can be used both on the left and the right, slim model. Adjustable closing speed, closing force and latching speed. Provided with a hydraulic back check device that can be switched on and off, so the speed of the door is reduced when opened with great force. This back check device prevents damage to the walls behind the door. The use of thermostatic valves make it insensible to variable temperatures. Available in every RAL colour, SS finish, brass polished or chrome-plated finish. Without closing arm, this must be ordered separately.

size	max. width of door	fireproof door
3-6	1400mm	1250mm
regular arm	for Dorma 73 and 83	-
regular arm extra long	for Dorma 73 and 83	-
angular bracket	for Dorma 73 and 83	-
hold-open arm	maximum angle up to about 150 degrees	-



**379086**

### DOORCLOSERS TS 83 SV

Silver-coloured, with a delayed closing function that can be adjusted within 70 and 105 degrees. Technical data are the same as Dorma TS 83. Door closers fitted with an integrated, adjustable closing delay function make sure that the door does not close right away. This type of door gives disabled persons, people with prams and persons carrying big objects enough time to pass the door without a problem. Back check functions as mentioned above. These functions can also be adjusted in speed. This model can also be used for fireproof doors. Available in every RAL colour, SS finish, brass polished and chrome-plated finish. Without closing arm, this must be ordered separately.

size	max. width of door
3-6	1400mm



**379091**  
**379132**  
**379094**

### DOORCLOSERS TS 92

Silver-coloured, sliding arm door closer, without back check or delayed door closing function. Door closer can be mounted on the door itself. Top jamb mounted on the upper beam with a maximum opening angle of 170 degrees. Alternatively, mounted on the non-hinging side of the door itself. Top jamb mounted on the upper beam with a maximum recess of 50mm. Available in every RAL colour, SS finish, brass polished or chrome-plated finish. Without closing arm, this must be ordered separately.

type	size	max. width of door	fireproof door
-	2-4	1250mm	930mm
-	sliding arm	AA For TS92 and 93	-
-	hold-open device	75 and 150 for TS92 and 93	-

### DOORCLOSERS TS 93

Silver-coloured, both left and right. A fine multi-functional doorclosing system. The door is closed by means of a lever sliding arm. Provided with a hydraulic back check device, so the speed of the door is reduced when opened with great force. This back check device prevents damage to the walls behind the door. The use of thermostatic valves make it insensible to variable temperatures. Can be used for inside and outside doors and fireproof doors. Available in every RAL colour, SS finish, brass polished or chrome-plated finish. Without closing arm.

B model: mounted on the door at hinging side, opening angle 180-degree maximum.

B model: mounted on the top beam at the non-hinging side, opening angle maximum 120 - 145 degrees.

G model: mounted on the door at the non-hinging side, opening angle 120 - 145 degrees.

G model: mounted on the top beam at the hinging side, opening angle 180-degree maximum.

	type	size	max. width of door	fireproof door
<b>379081</b>	TS93B	2-5	1250mm	-
<b>379080</b>	TS93G	2-5	1250mm	-
<b>379132</b>	-	sliding arm	AA For TS92 and 93	-

### DOORCLOSERS OFFSHORE MODEL

Hot clip galvanized and afterwards 3 times enamelled. Spring and closing cover made from stainless steel. These door closers are available with a hold-open arm and various mounting brackets. With closing arm.

size	max. width of door	
<b>379009</b>	6	1400mm

### DOORCLOSERS TS 3000 V

Silver-coloured, fine slim model, with lever sliding arm. Can be used both left and right. Adjustable closing force, with optical indication. Insensible to variable temperatures, adjustable closing speed and latching speed. Adjusting screws are situated at the front. Without closing arm, must be ordered separately.

size	max. width of door	firedoor	
<b>379063</b>	1-4	1100mm	-
<b>379147</b>	sliding arm	for TS3000 and 5000	-

### DOORCLOSERS TS 5000

Silver-coloured, fine slim model. Can be used both left and right. Adjustable closing force, with optical indication. Insensible to variable temperatures. Adjustable latching speed and provided with back check function, which means that the door reduces its speed when it is opened by force, so it does not hit the wall. Adjustable screws are situated at the front. Includes therm-stable valves. Closing arm not included, must be ordered separately.

size	max. width of door	firedoor	
<b>379069</b>	1-6	1400mm	1280mm
<b>379147</b>	sliding arm	for TS3000 and 5000	-
<b>379187</b>	mounting plate	for TS4000 and 5000	-
<b>379185</b>	angular bracket	for TS4000 and 5000	-
<b>379183</b>	hold-open device	75 and 150 degrees	-



Art. nr.



**379071**

## DOORCLOSERS TS 5000 S

Technical data are the same as the TS 5000. Provided with delayed doorclosing function. This is an extra valve, by which the amount of time the door is held open can be adjusted up to 30 seconds. Available in every RAL colour. Closing arm not included, must be ordered separately.

size	max. width of door	firedoor
1-6	1400mm	1280mm



**379149**

## SLIDING ARMS

colour  
aluminium anodized F1



379470  
379471

## DOORSPRING HINGES 1111R/L

Hinges with a spring and damping device inside the pin. Can be used for light wooden doors in wooden door frames but door and frame have to be made out of solid material. Maximum door sizes: height x width, 2000 x 850mm. Maximum door-opening angle 180 degrees. Single action, without hold-open device. Available in pairs or by the piece, left or right.

type	material	handing door	weight door
1111R	aluminium	left	10 - 35kg
1111L	aluminium	right	10 - 35kg



**379462**  
**379463**

## DOORSPRING HINGES 4241

Double action, large model. For inside as well as outside opening doors. Steel, nickel-plated, available in pairs.

type	model	door thickness
4241	with 1 spring	40mm without door stop
4241	with 2 springs	40mm with stop at 90 degrees



**379450**  
**379451**  
**379455**  
**379456**

## DOORSPRING HINGES 4000 / 4500

Double action, small model, for small doors, for example: shower doors, counter doors, bar doors, cash-desks etc. Door stops at 90 degrees. Material: steel, nickel-plated, available in pairs.

type	model	thickness door
4000	with 1 spring	20 - 25mm
4000	with 2 springs	20 - 25mm
4500	with 1 spring	25 - 30mm
4500	with 2 springs	25 - 30mm

## SWING DOORHINGES

Double action, for swing doors. Adjustable. Order per piece.

	material	height	maximum width door	thickness door
<b>379403</b>	grey lacquered	75mm	610mm	18 - 25mm
<b>379404</b>	grey lacquered	100mm	735mm	25 - 30mm
<b>379405</b>	grey lacquered	125mm	735mm	30 - 35mm
<b>379406</b>	grey lacquered	150mm	735mm	35 - 40mm
<b>379413</b>	SS	75mm	610mm	18 - 25mm
<b>379414</b>	SS	100mm	735mm	25 - 30mm
<b>379415</b>	SS	125mm	735mm	30 - 35mm
<b>379416</b>	SS	150mm	735mm	35 - 40mm
<b>379423</b>	BP	75mm	610mm	18 - 25mm
<b>379425</b>	BP	125mm	735mm	30 - 35mm



## DOORCLOSING DEVICES 1009

Model with rectangular closed case. Suitable for 8mm max. rebated doors. Including hook type 1009 (flat).

**379280**

## DOORCLOSING DEVICES 1600

Model with rectangular closed case. Suitable for mounting outdoor and moistering spaces. Including hook type 1009 (flat).

**379290**

material  
stainless steel

## MORTICE DOORSPRINGS 2500

Adjunct 2500. Build-in model with chain. This door spring is invisible and can be taken out and is to be used for inside doors.

**379245**

material  
galvanized steel

size of the casing  
175 x 16mm

## PNEUMATIC DOORSPRINGS

To be used for inside doors. Can be used both left and right. Includes adjustable closing speed and hold-open mechanism.

**379225**

colour  
silver-coloured

## DOORSPRINGS

Steel nickel-plated model, adjustable. Can be turned off by mounting the arm vertically. With a nylon guide. To be used for inside doors.

**379201**  
**379202**  
**379203**  
**379204**

size number  
15-1  
15-2  
15-3  
15-4

casing height  
65mm  
90mm  
110mm  
140mm





375426  
375431

## DOORHOLDERS

### DOORHOLDERS 1024

Rounded model. Vertically operated, by pushing in the pin. Can be released again with foot. Maximum sizes of the door: height x width 2000 x 900mm. Maximum weight of the door: 25kg.

material	height	stroke
SS satin	130mm	25mm
steel, lacquered	130mm	25mm



375427

### DOORHOLDERS 1026

Rounded model. Vertically operated by pushing in the pin. Can be released again with foot. Maximum sizes of the door: height x width 2000 x 900mm. Maximum weight of the door: 40kg.

material	height	stroke
SS satin	210mm	30mm



375421

### DOORHOLDERS 1027

Angular model. Vertically operated by pushing in the pin. Can be released again with foot. Maximum sizes of the door: height x width 2000 x 900mm. Maximum weight of the door: 40kg.

material	height	stroke
aluminium	210mm	30mm



375423  
375430

### DOORHOLDERS ZE 9 / 14

Very straight design. Can be used for doors made of wood, steel or aluminium.

type	material	height	stroke
ZE 14	aluminium satin	195mm	60mm
ZE 9	aluminium satin	295mm	90mm



375420

### DOORHOLDERS 350B

Vertically operated by pushing in the pin. Can be released again with foot.

material	size x width x stroke
cast iron, lacquered grey	105x29x35mm



375355  
375356  
375357

### DOORCATCHES 1078

Spring catches with two rollers and a rubber plate which prevents rattling. Rectangular plate included. Light model.

type	material	size length incl. door plate
1078	BSC	25mm
1078	BP	25mm
1078	BPC	25mm

### DOORCATCHES 5432

Spring catches with two rollers and a rubber plate which prevents rattling. Rectangular plate included. Light model.

type	material	size length incl. door plate	
375360	5432	BSC	53mm
375361	5432	BP	53mm
375362	5432	BPC	53mm

### DOORCATCHES 5078

Spring catches with two rollers and a rubber plate which prevents rattling. Oval plate included. Heavy duty.

type	material	size length incl. door plate	
375370	5078	BSC	40mm
375371	5078	BP	40mm
375372	5078	BPC	40mm

### DOORCATCHES 5078A

Spring catches with two rollers and a rubber plate which prevents rattling. Oval plate included. Heavy model.

type	material	size length incl. door plate	
375376	5078A	BSC	75mm
375377	5078A	BP	75mm
375378	5078A	BPC	75mm

### DOORCATCHES 7122

Spring catches with two rollers. Pin with shoulder, oval plate included.

type	material	size length incl. door plate	
375385	7122	BSC	110mm
375386	7122	BP	110mm

### DOORCATCHES 7125

Includes plate with pin which falls into a rubber ring which prevents rattling. Can be used for small doors, hatches and drawers. Light model.

type	material	size length incl. door plate	
375350	7125 / 1076	BC	20mm
375351	7125 / 1076	BP	20mm

### DOORSTOPS WITH CATCH 7235

Small, compact model especially made for doors on yachts.

type	material	size length incl. door plate	
375305	7235	BSC	50mm
375306	7235	BP	50mm
375307	7235	BPC	50mm
375329	separate rubber cushions, colour: white	-	-



Art. nr.



**375309**  
**375308**

### DOORSTOPS WITH CATCH 2039

Small model, especially made for doors on yachts.

type	material	size length incl. door plate
2039	SS	63mm
2039	BPC	63mm



**375310**  
**375311**  
**375312**  
**375313**

### DOORSTOPS WITH CATCH 236

Robust model made for big doors on yachts and ships.

type	material	size length incl. door plate
236	BSC	74mm
236	BP	74mm
236	BPC	74mm
236	AA	74mm



**375330**

### RUBBERCUSHIONS FOR DOORSTOPS WITH CATCH

colour  
grey



**375325**  
**375327**

### DOORSTOPS WITH CATCH 2406

Heavy duty model, adjustable. To be used for heavy doors.

type	material	size length incl. door plate
2406	BSC	80mm
2406	BPC	80mm



**375318**

### DOORSTOPS WITH CATCH 1346

Extra heavy duty model, adjustable. To be used for heavy steel doors on ships.

type	material	size length incl. door plate
1346	BSC	103mm



**375290**

### DOORSTOPS 4581

Mounted on the wall with a plate that has three threaded holes.

type	material	size diameter x length
4581	BSC	28 x 75mm



**375280**

### DOORSTOPS 2075.82

Mounted on the wall, screw and plug included.

type	material	size diameter x length
2075.82	SS brushed	30 x 80mm

### DOORSTOPS 2092/82/83

Floor stop made from stainless steel. Flat model, with black synthetic rubber stop and SS cover plate. Including a SS screw measuring 8 x 60mm/8x65mm and a nylon plug.

type	height x length x width	model
2092/82	23 x 90 x 60mm	SS brushed
2092/83	23 x 90 x 60mm	SS polished
levelling plate, aluminium	-	-
black plastic, thickness 15mm		

375270  
375271  
375269

### DOORSTOPS 775-13

Floor stop made from stainless steel. Flat, round model.

type	height x length x width	material
775-13	25 x 85 x 85mm	SS

375272

### DOORCATCHES Magnetic spherix 1278

type	material	colour	size
spherix	PVC	beige	95mm
spherix	PVC	brown	95mm

375400  
375401

### DOORCATCHES Magnetic

Doorcatch magnetic. Rubber. Incl. counter plate.

type	material	colour	size
1278	magnet, rubber	grey	38mm
1278	magnet, rubber	grey	50mm
1278	magnet, rubber	grey	80mm

375402  
375403  
375405

### DOORCATCHES Magnetic with toggle joint

With toggle joint. Height 40mm.

material
BP
BPC

375390  
375392

### DOORCATCHES Magnetic

Width x depth x height: 46 x 30mm x 40mm.

material
BP
BPC

375395  
375397



Art. nr.



**375469**  
**375473**  
**375470**

### **STORMCHAIN light/heavy duty**

Prevents door from opening too far, with spring.

type

light  
heavy duty  
heavy duty

material

galvanized  
galvanized  
SS

## LOCKS & HARDWARE SHIP DOORS AND HATCHES

### WELDING LOOSE JOINT HINGES

#### WELDING LOOSE JOINT HINGES 7628 steel with brass pin

Steel construction with fixed brass pin and brass intermediate ring.

A = overall height in mm

B = diameter in mm

C = pin diameter in mm

D = overall width including welding point in mm

Different types can be supplied ex-works.

	A	B	C	D	head
<b>762804</b>	40	8	5	10	round
<b>762806</b>	60	10	6	12	round
<b>762808</b>	80	13	8	16	round
<b>762810</b>	100	16	10	20	round
<b>762812</b>	120	16	10	20	round
<b>762815</b>	150	20	13	25,5	round
<b>762820</b>	200	23	16	29	round

#### WELDING LOOSE JOINT HINGES 7628 stainless steel with SS pin

Stainless steel construction with fixed SS pin and SS intermediate ring.

SS Quality 304.

A = overall height in mm

B = diameter in mm

C = diameter pin in mm

D = overall width including welding point in mm

SS quality 316 can also be supplied, ex-works.

	A	B	C	D	head
<b>762850</b>	60	10	6	12	flat
<b>762852</b>	80	13	7	16	flat
<b>762854</b>	100	16	9	20	flat
<b>762856</b>	120	16	9	20	flat
<b>762858</b>	150	20	13	25,5	flat

#### WELDING LOOSE JOINT HINGES 7628 with lubricating nipple and brass pin

Steel construction with fixed brass pin and brass intermediate ring.

A = overall height in mm

B = diameter in mm

C = diameter pin in mm

D = overall width including welding point in mm

Different types can be supplied ex-works.

	A	B	C	D	head
<b>762887</b>	60	10	6	12	round
<b>762888</b>	80	13	8	16	round
<b>762889</b>	100	16	10	20	round
<b>762890</b>	120	16	10	20	round
<b>762891</b>	150	20	13	25,5	round
<b>762892</b>	200	23	16	29	round



Art. nr.



### WELDING LOOSE JOINT HINGES 7628 with lubricating nipple and SS pin

Stainless steel construction with fixed SS pin and SS intermediate ring.

SS Quality 304.

A = overall height in mm

B = diameter in mm

C = pin diameter in mm

D = overall width including welding point in mm

SS quality 316 can also be supplied, ex-works.

	A	B	C	D	head
<b>762895</b>	80	13	7	15	flat
<b>762896</b>	100	16	9	20	flat
<b>762897</b>	120	16	9	20	flat
<b>762898</b>	150	20	13	25	flat



### LOOSE JOINT HINGE RINGS

Intermediate rings for welding loose joint hinges. Stainless steel.

for

762861 100mm

### WELDING DOOR HINGES

Welding hinges used for doors and hatches. Inclining hatch/doorplate for extra strength. Can also be reversed, which lowers the hinge point (size rubber).



### WELDING DOOR HINGES 7624 WITH A ROUND HOLE, STEEL / STEEL

Welding door hinge with round hole. Rectangular welding lips for steel doors, hatches and steel frames.. Grease nipple hole 1/8".

part 1 = hatch plate steel

part 2 = welding lip steel

A = length in mm

B = width in mm

C = minimum thickness in mm

E = length in mm

F = width in mm

G = thickness in mm

Different combinations are possible, as well as fully or partly stainless steel 316 construction.

	A	B	C	E	F	G
<b>762410</b>	105	40	8	70	30	6
<b>762416</b>	150	51	10	90	35	8

### WELDING DOOR HINGES 7624 WITH A ROUND HOLE, ALUMINIUM / STEEL

Welding door hinge with round hole. Rectangular welding lips for aluminum door, hatches and aluminum frames. Grease nipple hole 1/8".

part 1 = hatch plate aluminium

part 2 = welding lip steel

A = length in mm

B = width in mm

C = minimum thickness in mm

E = length in mm

F = width in mm

G = thickness in mm

762411  
762417

A	B	C	E	F	G
105	40	8	70	30	6
150	51	10	90	35	8

### WELDING DOOR HINGES 7624 WITH A ROUND HOLE, ALUMINIUM / ALUMINIUM

Welding door hinge with round hole. Rectangular welding lips for aluminum doors, hatches and aluminum frames. Grease nipple hole 1/8".

part 1 = hatch plate aluminium

part 2 = welding lip aluminium

A = length in mm

B = width in mm

C = minimum thickness in mm

E = length in mm

F = width in mm

G = thickness in mm

762412  
762418

A	B	C	E	F	G
105	40	8	70	30	6
150	51	10	90	35	8

### WELDING DOOR HINGES 7624 WITH A ROUND HOLE, STAINLESS STEEL / STAINLESS STEEL

Welding door hinge with a round hole and rectangular welding lips for SS doors, hatches and SS frames. Grease nipple hole 1/8".

part 1 = hatch plate SS

part 2 = welding lip SS

A = length in mm

B = width in mm

C = minimum thickness in mm

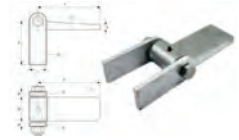
E = length in mm

F = width in mm

G = thickness in mm

762422

A	B	C	E	F	G
90	40	8	70	30	6





### WELDING DOOR HINGES 7625 WITH A SLOTTED HOLE, STEEL / STEEL

Welding door hinge with slotted hole and rectangular welding lips for steel doors, hatches and steel frames. Grease nipple hole 1/8".

part 1 = hatch plate steel

part 2 = welding lip steel

A = length in mm

B = width in mm

C = minimum thickness in mm

E = length in mm

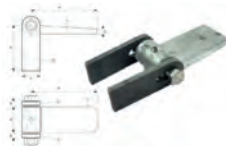
F = width in mm

G = thickness in mm

Different combinations are possible, as well as fully or partly stainless steel 316 constructions.

**762510**
**762516**

A	B	C	E	F	G
105	40	8	70	30	6
150	51	10	90	35	8



### WELDING DOOR HINGES 7625 WITH A SLOTTED HOLE, ALUMINIUM / STEEL

Welding door hinge with slotted hole and rectangular welding lips for aluminium doors, hatches and steel frames. Grease nipple hole 1/8".

part 1 = hatch plate aluminium

part 2 = welding lip steel

A = length in mm

B = width in mm

C = minimum thickness in mm

E = length in mm

F = width in mm

G = thickness in mm

**762511**
**762517**

A	B	C	E	F	G
105	40	8	70	30	6
150	51	10	90	35	8



### WELDING DOOR HINGES 7625 WITH A SLOTTED HOLE, ALUMINIUM / ALUMINIUM

Welding door hinge with slotted hole and rectangular welding lips for aluminium doors, hatches and aluminium frames. Grease nipple hole 1/8".

part 1 = hatch plate aluminium

part 2 = welding lip aluminium

A = length in mm

B = width in mm

C = minimum thickness in mm

E = length in mm

F = width in mm

G = thickness in mm

**762518**

A	B	C	E	F	G
150	51	10	90	35	8

### WELDING DOOR HINGES 7634 WITH A ROUND HOLE, STEEL / STEEL

Welding door hinges with round hole and curved welding lips for steel doors, hatches and steel frames. Grease nipple hole 1/8".

part 1 = hatch plate steel  
 part 2 = curved welding lip steel  
 A = length in mm  
 B = width in mm  
 C = minimum thickness in mm  
 E = length in mm  
 F = width in mm  
 G = thickness in mm  
 H = overall width in mm

Different combinations are possible, as well as fully or partly stainless steel 316 constructions.

A	B	C	E	F	G	H
105	40	8	95	30	6	65
150	51	10	95	30	8	65

763410  
763416



### WELDING DOOR HINGES 7635 WITH A SLOTTED HOLE, STEEL / STEEL

Welding door hinges with slotted hole and curved welding lip for steel doors, hatches and steel frames. Grease nipple hole 1/8".

part 1 = hatch plate steel  
 part 2 = curved welding lip steel  
 A = length in mm  
 B = width in mm  
 C = minimum thickness in mm  
 E = length in mm  
 F = width in mm  
 G = thickness in mm  
 H = total width in mm

Different combinations are possible as well as fully or partly stainless steel 316 constructions.

A	B	C	E	F	G	H
105	40	8	95	30	6	65
150	51	10	95	30	8	65

763510  
763516



### WELDING DOOR HINGES 7626 ADJUSTABLE BY MEANS OF EYEBOLT, STEEL / STEEL

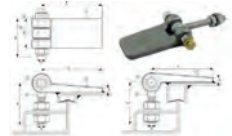
Welding door hinge with steel eyebolt for steel doors and hatches.

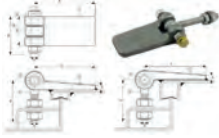
Lubricating by means of nipple at the top of the stainless steel lubricating bolt.

part 1 = hatch plate steel  
 part 2 = eyebolt steel  
 part 3 = lubricating bolt SS  
 A = length in mm  
 B = width in mm  
 C = minimum thickness in mm  
 D = diameter in mm  
 E = length in mm  
 F = diameter in mm  
 G = length in mm

A	B	C	D	E	F	G
115	51	9	12	100	12	65
130	65	10	16	120	18	85
150	65	11	20	130	18	85

762612  
762616  
762620





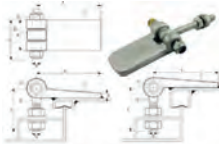
### WELDING DOOR HINGES 7626 ADJUSTABLE BY MEANS OF EYEBOLT, STEEL / SS

Welding door hinge with SS eyebolt for steel doors and hatches. Lubricating by means of nipple at the top of the SS lubricating bolt.

part 1 = hatch plate steel  
part 2 = eyebolt SS 316  
part 3 = lubricating bolt SS

A = length in mm  
B = width in mm  
C = minimum thickness in mm  
D = diameter in mm  
E = length in mm  
F = diameter in mm  
G = length in mm

	A	B	C	D	E	F	G
<b>762613</b>	115	51	9	12	100	12	65
<b>762617</b>	130	65	10	16	120	18	85
<b>762621</b>	150	65	11	20	130	18	85



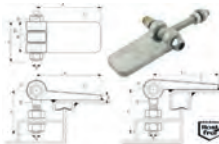
### WELDING DOOR HINGES 7626 ADJUSTABLE BY MEANS OF EYEBOLT, ALUMINIUM / SS

Welding door hinge with SS eyebolt for aluminium doors and hatches. Lubricating by means of nipple at the top of the SS lubricating bolt.

part 1 = hatch plate aluminium  
part 2 = eyebolt SS 316  
part 3 = lubricating bolt SS

A = length in mm  
B = width in mm  
C = minimum thickness in mm  
D = diameter in mm  
E = length in mm  
F = diameter in mm  
G = length in mm

	A	B	C	D	E	F	G
<b>762614</b>	115	51	9	12	100	12	65
<b>762618</b>	130	65	10	16	120	18	85
<b>762622</b>	150	65	11	20	130	18	85



### WELDING DOOR HINGES 7626 ADJUSTABLE BY MEANS OF EYEBOLT, SS / SS

Welding door hinge all stainless steel construction, quality 316. Lubricating by means of nipple at the top of the SS lubricating bolt.

part 1 = hatch plate SS 316  
part 2 = eyebolt SS 316  
part 3 = lubricating bolt SS

A = length in mm  
B = width in mm  
C = minimum thickness in mm  
D = diameter in mm  
E = length in mm  
F = diameter in mm  
G = length in mm

	A	B	C	D	E	F	G
<b>762630</b>	115	51	9	12	100	12	65
<b>762631</b>	130	65	10	16	120	18	85
<b>762632</b>	150	65	11	20	130	18	85

## WELDING HATCH HINGES

### WELDING HATCH HINGES 7630 WITH A ROUND HOLE, STEEL / STEEL

Welding hatch hinge with round hole for steel hatches and steel frames.

part 1 = hatchplate steel

part 2 = curved side tab steel

A = length in mm

B = width in mm

C = thickness in mm

D = diameter in mm

E = length in mm

F = width in mm

G = thickness in mm

H = total width in mm

Different combinations are possible, as well as fully and partly stainless steel 316 constructions.

763020

A	B	C	E	F	G	H
175	95	30	110	50	10	100

### WELDING HATCH HINGES 7630 WITH A ROUND HOLE, ALUMINIUM / STEEL

Welding hatch hinge with round hole for aluminium hatches and steel frames.

part 1 = hatchplate aluminium

part 2 = curved side tab steel

A = length in mm

B = width in mm

C = thickness in mm

E = length in mm

F = width in mm

G = thickness in mm

H = total width in mm

763021

A	B	C	E	F	G	H
175	95	30	110	50	10	100

### WELDING HATCH HINGES 7630 WITH A ROUND HOLE, ALUMINIUM / ALUMINIUM

Welding hatch hinge with round hole for aluminium hatches and aluminium frames.

part 1 = hatchplate aluminium

part 2 = curved side tab aluminium

A = length in mm

B = width in mm

C = thickness in mm

E = length in mm

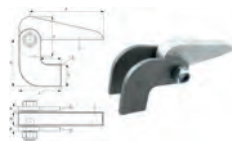
F = width in mm

G = thickness in mm

H = total width in mm

763022

A	B	C	E	F	G	H
175	95	30	110	50	10	100



Art. nr.



### WELDING HATCH HINGES 7631 WITH A SLOTTED HOLE, STEEL / STEEL

Welding hatch hinge with slotted hole for steel hatches and steel frames.

part 1 = hatchplate steel  
part 2 = curved side tab steel

A = length in mm  
B = width in mm  
C = thickness in mm  
E = length in mm  
F = width in mm  
G = thickness in mm  
H = total width in mm

Different combinations are possible, as well as fully and partly stainless steel 316 constructions.

763120

A	B	C	E	F	G	H
170	95	30	110	50	10	100



### WELDING HATCH HINGES 7631 WITH A SLOTTED HOLE, ALUMINIUM / ALUMINIUM

Welding hatch hinge with slotted hole for aluminium hatches and aluminium frames.

part 1 = hatchplate aluminium  
part 2 = curved side tab aluminium

A = length in mm  
B = width in mm  
C = thickness in mm  
E = length in mm  
F = width in mm  
G = thickness in mm  
H = total width in mm

763122

A	B	C	E	F	G	H
175	95	30	110	50	10	100



### WELDING HATCH HINGES DIN 83406

Welding hatch hinge with SS hexagon-head bolt and self-locking nut.

Thickness of H = 8mm.

762951

A	B	C	D	E	F	G
92	45	20	58	45	25	32

### WELDING HINGES

#### WELDING HINGES STEEL

Welding hinge, steel, made from profile material with separate brass pin and brass intermediate rings. Measurements in open position.

762730

A	B	C
60	30	5

762740

120	40	5
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762750

160	50	6
-----	----	---

762760

160	60	6
-----	----	---

762780

200	80	6
-----	----	---



**WELDING HINGES ALUMINIUM**

Welding hinge made from aluminium with SS fixed pin.  
Measurements in open position.

C = thickness

	A	B	C
<b>762788</b>	80	80	3

**DOOR TOGGLES**

Toggles used for locking watertight hatches and doors. These toggles can be used e.g. in ship-building, constructional engineering, engine building and tank building.

**DOOR TOGGLES 7618 SINGLE**

Door toggles, light model. Handle slightly rounded measuring 25 x 8mm. Total length 250mm. With mounting flange, can be used left and right hand.

steel zinc-plated

**761855** SS polished

**DOOR TOGGLES 7618 SINGLE MODEL E**

Door toggles, light model. Handle slightly rounded measuring 25 x 8mm. Total length 250mm. With welding bush, diameter 40mm, length 50mm.

SS polished with steel bush

**761865** SS polished with aluminium bush

**DOOR TOGGLES 7618 DOUBLE with mounting flange**

Door toggles, light model. Handle slightly rounded measuring 25 x 8mm. Total length 250mm. With mounting flange. Toggles for different door thicknesses are available ex-works.

steel zinc-plated for door thickness 60 - 65mm

**761881** SS polished for door thickness 40 - 45mm

**MOUNTING FLANGES**

Matching door toggle 7618. Supplied in pairs.

steel zinc-plated

**761899** SS

**DOOR TOGGLES 7618 DOUBLE with welding bush**

Door toggle, light model. Handle slightly rounded measuring 25 x 8mm. Total length 250mm. With welding bush, diameter 45mm, length 60mm.

steel zinc-plated, with steel bush

**761885** SS polished, with aluminium bush



Art. nr.



761891

### ANGULAR LOCKING CAMS

Angular locking cams matching door toggles 7618.

steel zinc-plated

SS polished



761902

761904

### DOOR TOGGLES 7619A with steel bush

Door toggles 7619A with steel bush. To be used for steel watertight doors and hatches. These toggles are primed, measurements are in accordance with DIN 83104.

With hole R1/8" for lubricating nipple.

A = overall length in mm

B = overall width in mm

C = slope of toggle side in mm

D = diameter of the bush in mm

E = length of the bush in mm

A	B	C	D	E
240	180	16	45	80
240	193	16	45	93



761912

761914

### DOOR TOGGLES 7619A with aluminium bush

Door toggles 7619A with aluminium bush. To be used for aluminium watertight doors and hatches. These toggles are supplied primed, measurements are in accordance with DIN 83104. With hole R1/8" for lubricating nipple.

A = overall length in mm

B = overall width in mm

C = slope of toggle side in mm

D = diameter of the bush in mm

E = length of the bush in mm

A	B	C	D	E
240	180	16	45	80
240	193	16	45	93



761943

761944

### DOOR TOGGLES SINGLE MODEL B

Single door toggles with inner handle and bush measuring 80mm, diameter 45mm. Provided with a R1/8" hole for lubricating nipple. Can be operated on the outside by means of a square.

A = overall length in mm

C = slope of toggle side in mm

D = diameter of the bush in mm

E = length of the bush in mm

bush	A	C	D	E
steel	240	16	45	80
aluminium	240	16	45	80

### DOOR TOGGLES SINGLE MODEL C

Single door toggles with inner handle and bush measuring 80mm, diameter 45mm. Outside round headed.

A = overall length in mm

C = slope of toggle side in mm

D = diameter of the bush in mm

E = length of the bush in mm

	bush	A	C	D	E
<b>761945</b>	steel	240	16	45	80
<b>761946</b>	aluminum	240	16	45	80

### DOOR TOGGLES SINGLE MODEL E

Single door toggles with inner handle and blind bush measuring 50mm, diameter 45mm.

A = overall length in mm

C = slope of toggle side in mm

D = diameter of the bush in mm

E = length of the bush in mm

	bush	A	C	D	E
<b>761954</b>	steel	240	16	40	50
<b>761955</b>	aluminum	240	16	40	50

### DOOR TOGGLES SINGLE MODEL E SS

Single door toggles with SS inner handle and blind bush measuring 50mm, diameter 45mm. Provided with a R1/8" hole for lubricating nipple.

A = overall length in mm

C = slope of toggle side in mm

D = diameter of the bush in mm

E = length of the bush in mm

	handle	bush	A	C	D	E
<b>761956</b>	SS	SS	240	16	40	50

### TOGGLE BUSHES

Toggle bushes measuring 80mm, matching toggles 7619.

With a R1/8" hole for lubricating nipple.

D = diameter of the bush in mm

E = length of the bush in mm

	D	E	material
<b>761960</b>	45	80	steel
<b>761962</b>	45	93	steel
<b>761967</b>	45	80	SS
<b>761970</b>	45	80	AA
<b>761972</b>	45	93	AA

### DOOR TOGGLES 7619A STAINLESS STEEL

Door toggle 7619A stainless steel 316 polished and unpolished. To be used for watertight doors. Without bush.

A = overall length in mm

B = overall width in mm

C = slope of toggle side in mm

E = required length of the bush in mm

	A	B	C	E	finish
<b>761940</b>	240	180	16	80	polished
<b>761938</b>	240	180	16	80	unpolished




**762000**
**DOOR TOGGLES 7620 DOUBLE width 173 diameter 48**

Door toggles 7620 with steel welding bush, aluminium handles and a spring mechanism. For watertight doors and hatches with a lubricating nipple R1/8".

A = total length in mm

B = total width in mm

D = diameter of the bush in mm

E = length of the bush in mm

A	B	D	E
275	173	48	100


**762005**
**DOOR TOGGLES 7620 DOUBLE width 173 diameter 60**

Door toggles 7620 with aluminium welding bush, aluminium handles and a spring mechanism. For watertight doors and hatches with a lubricating nipple R1/8"

A = overall length in mm

B = overall width in mm

D = diameter of the bush in mm

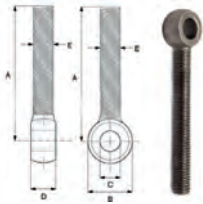
E = length of the bush in mm

A	B	D	E
275	173	60	100


**761990**
**761991**
**761992**
**INCLINING WEDGE WITH CAM**

Wedge with cam for door toggles. Increasing from 5 -13 / 14mm.

A	B	C	D
80	20	5	13
85	20	5	13
80	20	6	14


**768001**
**768002**
**768007**
**768009**
**EYEBOLTS, WING NUTS, TAIL NUTS AND BOW NUTS**
**EYEBOLTS 7680 STEEL**

These steel 4.6 eyebolts are standard supplied with full thread. All sizes are in millimetres.

A = length

B = maximum size of the eye

C = hole within the eye

D = thickness of the eye

E = thread thickness

A	B	C	D	E
100	20	10	12	M10
100	25	12	14	M12
120	32	18	17	M16
130	40	18	22	M20

### EYEBOLTS 7680 ZINC-PLATED

These steel zinc-plated 4.6 eyebolts are standard supplied with full thread.

A = length in mm

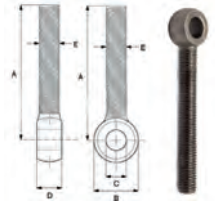
B = maximum size of the eye in mm

C = hole within the eye in mm

D = thickness of the eye in mm

E = thread thickness in mm

	A	B	C	D	E
<b>768012</b>	100	25	12	14	M12



### EYEBOLTS 7680 BRASS

These brass eyebolts are standard supplied with full thread.

All measurements are in millimetres.

A = length

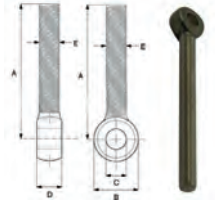
B = maximum size of the eye

C = hole within the eye

D = thickness of the eye

E = thread thickness

	A	B	C	D	E
<b>768030</b>	100	18	8	10	M8
<b>768031</b>	100	20	10	13	M10
<b>768032</b>	100	25	12	14	M12
<b>768036</b>	120	32	16	17	M16
<b>768039</b>	130	40	18	22	M20



### EYEBOLTS 7680 SS 316

These SS 316 eyebolts are standard supplied with full thread.

All measurements are in millimetres.

A = length

B = maximum size of the eye

C = hole within the eye

D = thickness of the eye

E = thread thickness

	A	B	C	D	E
<b>768060</b>	100	18	8	9	M8
<b>768061</b>	100	20	10	12	M10
<b>768062</b>	100	25	12	14	M12
<b>768066</b>	120	32	16	17	M16
<b>768067</b>	120	32	18	17	M16
<b>768069</b>	130	40	18	22	M20



### SS EYEBOLTS MODEL URK

Are used with clamps, can swing down to any side. Bow nut not included.

A = length in mm

C = hole within the eye in mm

D = maximum size of the eye in mm

E = thread thickness in mm

	A	C	D	E
<b>768076</b>	150	25	56	M16
<b>768079</b>	150	25	56	M20



Art. nr.



**384918**  
**384920**  
**384923**  
**384926**

## EYEBOLTS WITH FLANGE

Eye bolt with flange, washer and nut.

material	size
SS	M 6 x 60mm
SS	M 8 x 100mm
SS	M10 x 100mm
SS	M12 x 120mm



**768330**  
**768331**  
**768332**  
**768336**  
**768339**

## WING NUTS 7683 BRASS

Brass wing nut, heavy model, with a 120 degrees cone-shaped bottom.

A = length tail in mm  
 B = overall height in mm  
 C = diameter tail in mm  
 D = exterior diameter pinion in mm  
 E = size thread of the pinion in mm  
 F = height pinion in mm

A	B	C	D	E	F
45	40	11	25	M8	20
48	40	11	25	M10	21
56	42	13	28	M12	21
61	45	15	32	M16	23
80	50	17	34	M20	24



**768362**  
**768366**  
**768369**

## WING NUTS 7683 STAINLESS STEEL

SS 316 wing nuts, heavy model, with a 120 degrees cone-shaped bottom.

A = length tail in mm  
 B = overall height in mm  
 C = diameter tail in mm  
 D = exterior diameter pinion in mm  
 E = size thread of the pinion in mm  
 F = height pinion in mm

A	B	C	D	E	F
56	40	12	27	M12	22
64	47	14	32	M16	24
70	47	15	33	M20	24



**768230**  
**768231**  
**768232**  
**768236**  
**768239**

## BOW NUTS 7682 BRASS

Brass bow nut, heavy model, with a 120 degrees cone-shaped bottom.

A = overall width in mm  
 B = overall height in mm  
 C = thickness in mm  
 D = exterior diameter in mm  
 E = size of the thread in mm  
 F = height pinion in mm  
 G = interior height of the bow in mm

A	B	C	D	E	F	G
50	43	8	20	M8	12	24
50	43	8	20	M10	12	24
62	53	10	25	M12	18	27
75	60	12	31	M16	21	28
82	70	14	35	M20	24	32

### BOW NUTS 7682 STAINLESS STEEL

SS 316 bow nut, heavy model, with a 120 degrees cone-shaped bottom.

- A = overall width in mm  
 B = overall height in mm  
 C = thickness in mm  
 D = exterior diameter in mm  
 E = size of the thread in mm  
 F = height pinion in mm  
 G = interior height of the bow in mm

	A	B	C	D	E	F	G
<b>768262</b>	62	53	10	24	M12	17	26
<b>768266</b>	74	61	12	29	M16	21	28
<b>768269</b>	81	68	13	35	M20	24	31



### TAIL NUTS 7681 BRASS

Brass tail nut, heavy model, with a 120 degrees cone-shaped bottom.

- A = length tail in mm  
 C = diameter tail in mm  
 D = exterior diameter pinion in mm  
 E = size thread pinion in mm  
 F = height pinion in mm

	A	C	D	E	F
768130	65	12	22	M8	20
<b>768131</b>	65	12	22	M10	20
<b>768132</b>	78	14	26	M12	20
<b>768136</b>	88	18	28	M16	22
<b>768139</b>	82	18	36	M20	25



### TAIL NUTS 7681 STAINLESS STEEL

SS 316 tail nut, heavy model, with a 120 degrees cone-shaped bottom.

- A = length tail in mm  
 C = diameter tail in mm  
 D = exterior diameter pinion in mm  
 E = size thread pinion in mm  
 F = height pinion in mm

	A	C	D	E	F
768162	88	12	40	M12	21
768166	88	12	40	M16	20



### EYENUTS / RING NUTS BRASS

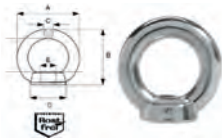
Brass eyenut with flat bottom. In accordance with DIN 582, inside thread.

- A = width in mm  
 B = height in mm  
 C = thickness in mm  
 D = exterior diameter pinion in mm  
 E = size thread in mm

	A	B	C	D	E
768203	44	43	10	24	M10
768204	53	53	12	28	M12
768205	60	58	14	34	M16



Art. nr.



### EYENUTS / RING NUTS STAINLESS STEEL

SS 316 eyenut with flat bottom. In accordance with DIN 582, inside thread.

A = width in mm

B = height in mm

C = thickness in mm

D = exterior diameter pinion in mm

E = size thread in mm

	A	B	C	D	E
<b>768206</b>	37	37	8	20	M6
<b>768208</b>	35	36	8	20	M8
<b>768210</b>	44	44	10	24	M10
<b>768212</b>	53	53	12	30	M12
<b>768216</b>	63	63	14	35	M16
<b>768220</b>	71	71	16	40	M20



### EYENUTS / RING NUTS STEEL

Steel zinc-plated eyenut with flat bottom. In accordance with DIN 582, inside thread.

A = width in mm

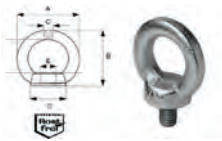
B = height in mm

C = thickness in mm

D = exterior diameter pinion in mm

E = size thread in mm

	A	B	C	D	E
<b>328836</b>	36	36	8	20	M6
<b>328838</b>	37	36	8	20	M8
<b>328840</b>	45	45	10	25	M10
<b>328842</b>	53	54	12	30	M12
<b>328846</b>	63	63	16	35	M16
<b>328850</b>	73	73	16	41	M20



### EYEBOLT / RING BOLT STEEL

Steel zinc-plated eyebolt, with flat bottom. In accordance with DIN 580, outside thread.

A = width in mm

B = height in mm

C = thickness in mm

D = exterior diameter pinion in mm

E = size thread in mm

F = length thread in mm

	A	B	C	D	E	F
<b>328806</b>	28	32	6	18	M6	12
<b>328808</b>	37	38	8	20	M8	14
<b>328810</b>	45	46	10	25	M10	16
<b>328812</b>	55	55	12	30	M12	20
<b>328816</b>	63	63	14	35	M16	26
<b>328820</b>	72	72	17	40	M20	30

## WING SCREWS

	material	size
<b>328756</b>	brass	M 6 x 25
<b>328758</b>	brass	M 8 x 30
<b>328760</b>	brass	M10 x 50
<b>328762</b>	brass	M12 x 50
<b>328766</b>	brass	M16 x 50
<b>328776</b>	SS A2	M 6 x 25
<b>328778</b>	SS A2	M 8 x 30
<b>328780</b>	SS A2	M10 x 40

## T-SCREWS

	material	size
<b>768908</b>	brass	M 8 x 35
<b>768910</b>	brass	M10 x 48
<b>768912</b>	brass	M12 x 52
<b>768916</b>	brass	M16 x 58

## HATCH TOGGLES

### WELDING SETS 7685 STAINLESS STEEL

Welding set with rectangular side tabs, made from steel, with a brass eyebolt. Hatch plate and bow nut are not included, they can be ordered separately.

A = diameter eyebolt in mm  
 B = length eyebolt in mm  
 C = height welding lip in mm  
 D = width welding lip in mm  
 G = thickness welding lip in mm  
 E = width U-bracket in mm

	A	B	C	D	G	E
<b>768500</b>	M12	100	35	30	6	30
<b>768502</b>	M16	120	38	35	8	37
<b>768503</b>	M20	130	40	40	10	46

### WELDING SETS 7685 WITH RECTANGULAR SIDE TABS brass eyebolt

Welding set with rectangular side tabs, made from steel, with a brass eyebolt. Hatch plate and bow nut are not included, they can be ordered separately.

A = diameter eyebolt in mm  
 B = length eyebolt in mm  
 C = height welding lip in mm  
 D = width welding lip in mm  
 G = thickness welding lip in mm

	A	B	C	D	G
<b>768514</b>	M12	100	70	30	6
<b>768518</b>	M16	120	90	35	8
<b>768522</b>	M20	130	90	35	8



Art. nr.



**768515**  
**768519**  
**768523**

### WELDING SETS 7685 WITH RECTANGULAR SIDE TABS stainless steel eyebolt

Welding set with rectangular tabs, made from steel, with a stainless steel eyebolt. Hatch plate and bow nut are not included, they can be ordered separately.

A = diameter eyebolt in mm  
 B = length eyebolt in mm  
 C = height welding lip in mm  
 D = width welding lip in mm  
 G = thickness welding lip in mm

A	B	C	D	G
M12	100	70	30	6
M16	120	90	35	8
M20	130	90	35	8



**768504**  
**768505**  
 768506

### WELDING SETS 7685 WITH RECTANGULAR SIDE TABS ALL SS

Welding set with rectangular side tabs, made from stainless steel, with a stainless steel eyebolt. Hatch plate and bow nut are not included, they can be ordered separately.

A = diameter eyebolt in mm  
 B = length eyebolt in mm  
 C = height welding lip in mm  
 D = width welding lip in mm  
 G = thickness welding lip in mm

A	B	C	D	G
M12	100	68	30	6
M16	120	90	35	8
M20	130	90	35	8



**768512**  
**768516**  
**768520**

### WELDING SETS 7685 WITH CURVED SIDE TABS brass eyebolt

Welding set with curved side tabs, made from steel, with a brass eyebolt. Hatch plate and bow nut are not included, they can be ordered separately.

A = diameter eyebolt in mm  
 B = length eyebolt in mm  
 C = height welding lip in mm  
 D = length welding lip in mm  
 E = width welding lip in mm  
 G = thickness welding lip in mm

A	B	C	D	E	G
M12	100	60	60	30	6
M16	120	60	60	30	10
M20	130	60	60	30	10

## WELDING SETS 7685 WITH CURVED SIDE TABS stainless steel eyebolt

Welding set with curved side tabs, made from steel, with a stainless steel eyebolt. Hatch plate and bow nut are not included, they can be ordered separately.

A = diameter eyebolt in mm  
B = length eyebolt in mm  
C = height welding lip in mm  
D = length welding lip in mm  
E = width welding lip in mm  
G = thickness welding lip in mm

	A	B	C	D	E	G
<b>768513</b>	M12	100	60	60	30	6
<b>768517</b>	M16	120	60	60	30	10
<b>768521</b>	M20	130	60	60	30	10

## WELDING SETS 7685 WITH CURVED SIDE TABS ALL STAINLESS STEEL

Welding set with curved side tabs, made from stainless steel, with a stainless steel eyebolt. Hatch plate and bow nut are not included, they can be ordered separately.

A = diameter eyebolt in mm  
B = length eyebolt in mm  
C = height welding lip in mm  
D = length welding lip in mm  
E = width welding lip in mm  
G = thickness welding lip in mm

	A	B	C	D	E	G
<b>768507</b>	M12	100	60	60	30	6
<b>768508</b>	M16	120	60	60	30	8
<b>768509</b>	M20	130	60	60	30	8

## HATCH PLATES MATCHING WELDING SETS 7685 STEEL

Steel hatch plate with slot and cone-shaped part for bow nut, tail nut or wing nut.

A = designed for  
B = overall length in mm  
C = width in mm  
D = thickness in mm

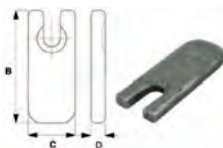
	A	B	C	D
<b>768542</b>	M12	100	40	10
<b>768546</b>	M16	120	50	15
<b>76855000</b>	M20	150	60	15

## HATCH PLATES MATCHING WELDING SETS 7685 ALUMINIUM

Aluminium hatch plate with groove and cone-shaped part for bow nut, tail nut or wing nut.

A = designed for  
B = overall length in mm  
C = width in mm  
D = thickness in mm

	A	B	C	D
<b>768562</b>	M12	100	40	10
<b>768566</b>	M16	120	50	15
<b>768570</b>	M20	150	60	15





**768594**  
**768596**  
**768598**

## HATCH PLATES MATCHING WELDING SETS

### 7685 STAINLESS STEEL 1

Stainless steel hatch plate with groove and cone-shaped part for bow nut, tail nut or wing nut.

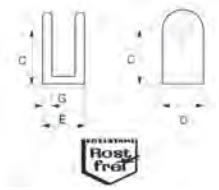
A = designed for

B = overall length in mm

C = width in mm

D = thickness in mm

A	B	C	D
M12	100	40	10
M16	120	50	15
M20	150	60	15



**76850000**  
**76850001**  
**76850002**

## HATCH PLATES MATCHING WELDING SETS

### 7685 STAINLESS STEEL 2

Stainless steel hatch plate with groove and cone-shaped part for bow nut, tail nut or wing nut.

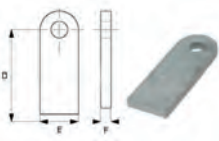
A = designed for

B = overall length in mm

C = center height

D = width in mm

A	B	C	D
M12	50	35	30
M16	55	32	35
M20	58	38	40



**762460**  
**762465**

## SEPERATE SIDE TABS STEEL MATCHING WELDING TABS 7685

Steel side tabs. Straight model.

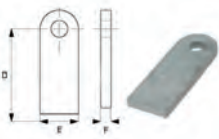
A = designed for

D = lengte welding tab in mm

E = width welding tab in mm

F = thickness welding tab in mm

A	D	E	F
M12	70	30	6
M16/20	90	35	8



**762463**  
**762464**

## SEPERATE SIDE TABS STAINLESS STEEL MATCHING WELDING TABS 7685

Stainless steel side tabs. Straight model.

A = designed for

D = lengte welding tab in mm

E = width welding tab in mm

F = thickness welding tab in mm

A	D	E	F
M12	70	30	6
M16/20	90	35	8

### SEPARATE SIDE TABS MATCHING WELDING TABS 7685 STEEL

Steel side tabs. Curved model.

A = designed for

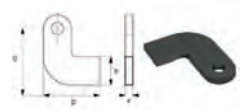
C = height welding lip in mm

D = length welding lip in mm

E = width welding lip in mm

F = thickness welding lip in mm

	A	C	D	E	F
<b>768532</b>	M12	60	60	30	6
<b>768536</b>	M16/20	60	60	30	10



### SEPARATE SIDE TABS MATCHING WELDING TABS 7685 STAINLESS STEEL

SS side tabs. Curved model.

A = designed for

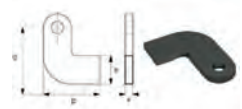
C = height welding lip in mm

D = length welding lip in mm

E = width welding lip in mm

F = thickness welding lip in mm

	A	C	D	E	F
<b>768538</b>	M12	66	60	30	6
<b>768539</b>	M16/20	60	60	30	8



### SWIVEL BOLTS BRASS

Brass swivel bolts, among other things used for locking hatches.

A = diameter in mm

B = length in mm

Different sizes can be supplied ex-works, with a minimum of 50.

	A	B
768945	10	80
<b>768950</b>	12	90
768955	16	100



### SWIVEL BOLTS STAINLESS STEEL

SS 304 swivel bolts, among other things used for locking hatches.

A = diameter in mm

B = length in mm

Different sizes can be supplied ex factory, with a minimum of 50.

	A	B
<b>768975</b>	10	85
<b>768980</b>	12	95



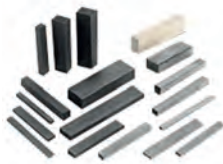
### CABIN HOOKS HEAVY MODEL

Heavy model. Galvanized steel. Thickness: 10mm. with eyeplate 72 x 42mm.

length

374220	100mm
<b>374221</b>	160mm
<b>374222</b>	250mm
<b>374223</b>	320mm





**778020**  
**778021**  
**778022**  
**778024**  
**778025**  
**778026**  
**778027**  
**778031**  
**778032**  
**778033**  
**778034**  
**778035**  
**778038**  
**778040**  
**778043**  
**778050**



**778120**



**778122**



**778135**  
**778140**

## RUBBER PROFILES

### BLACK SPONGE RUBBERS WITH SKIN 15 Shore

Rectangular sponge rubber, to be used for making doors and hatches watertight. EPDM rubber, which is highly sea-water and UV resistant. Available on 25 metre long rolls, small differences in size may occur.

A = width in mm

B = thickness in mm

A	B
20	5
20	10
20	15
25	10
25	15
25	20
25	25
30	10
30	15
30	20
35	25
35	30
40	10
40	20
40	30
50	30

### BLACK SPONGE RUBBERS WITH SKIN

Sponge rubber with an oblique side and a round side, in accordance with DIN 83106C, to be used for making doors and hatches watertight. EPDM rubber, which is highly sea-water and UV resistant. Available on 10 metre long rolls, small differences in size may occur.

A = width in mm

B = thickness in mm

A	B
45	20

### BLACK SPONGE RUBBERS WITH SKIN FIRE-REDUCING

Sponge rubber with an oblique side and a round side, in accordance with DIN 83106C, to be used for making doors and hatches watertight. This rubber is sea-water and UV resistant. Available on 10 metre long rolls, small differences in size may occur.

A = width in mm

B = thickness in mm

A	B
45	20

### SOLID RUBBER PACKINGS

Solid black rubber packing, hollow inside, and available on 25 metre long rolls, small differences in size may occur.

A = width in mm

B = thickness in mm

A	B
35	20
40	30

## HEAVY DUTY RUBBER PACKINGS

Heavy duty rubber packing. A special quality of rubber, used for heavy hatches, 3 sides are provided with a thick skin. Available on 10 metre long rolls, small differences in size may occur.

A = width in mm

B = thickness in mm

	type	A	B
<b>778057</b>	HPA57	75	32
<b>778068</b>	HPA68	68	40
<b>778071</b>	HPA71	71	32
<b>778094</b>	HPA94	94	50

## SELF ADHESIVE RUBBER PACKINGS

Self adhesive rubber strips. A flexible quality of rubber used for impeding vibrations or sounds. Available on 20 metre long rolls.

A = width in mm

B = thickness in mm

	A	B
<b>778255</b>	40	6
<b>778240</b>	60	2
<b>778247</b>	12	3
<b>778250</b>	20	3
<b>778252</b>	25	3
<b>778254</b>	50	3
<b>778256</b>	70	3
<b>778258</b>	100	3
<b>778260</b>	50	5
<b>778262</b>	50	10

## ROUND RUBBER PACKINGS Neoprene

A = diameter in mm

A

<b>778308</b>	8
<b>778310</b>	10
<b>301732</b>	glue

## CLOSING PLUGS AND CAPS

### BOTTOM PLUGS quadrangular inside

A bottom plug, quadrangular inside, with a R 1 1/4" thread.

Can be used for water tanks and dry tanks.

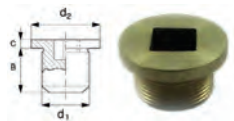
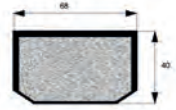
d1 = external size thread

d2 = external size flange in mm

B = length thread in mm

C = thickness flange in mm

	material	d1	d2	B	C
<b>769000</b>	bronze	1 1/4"	55	24	7
<b>769008</b>	SS 316	1 1/4"	55	24	5,5

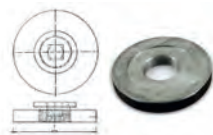


Art. nr.



**769006**

**769014**



**769020**

**769021**

**769026**

**769028**



**769013**

**769015**



**769017**

**769018**



**769405**

**769406**

**769407**

**769408**

**769409**

**769410**

**769412**

## BOTTOM PLUGS hexagonal inside

A bottom plug, hexagonal inside, with a R 1 1/2" thread. Can be used for fuel tanks.

d1 = external size thread

d2 = external size flange in mm

B = length thread in mm

C = thickness flange in mm

material	d1	d2	B	C
bronze	1 1/2"	62	29	7
SS 316	1 1/2"	62	35	7

## BOTTOM FLANGES

Black bottom flange, made from steel.

A = exterior size in mm

B = thickness in mm

C = thread

A	B	C
110	15	1 1/4"
110	15	1 1/2"
150	35	1 1/4"
150	35	1 1/2"

## SEALING RINGS

Red copper, matching bottom plugs.

A = external size in mm

B = thickness in mm

C = internal size in mm

size plug	A	B	C
1 1/4"	55	2	42
1 1/2"	62	2	48

## SPANNERS

Can be used for mounting bottom plugs. Length 400mm.

designed for

quadrangular inside 22mm

hexagonal inside 24mm

## PIPE HULLS

Brass hexagonal hull with wings and chain in stainless steel, inside threading. Complete with rubber packings.

A = internal size gas thread

B = external hexagonal size in mm

A	B	chain
1"	35	brass
1 1/4"	45	brass
1 1/2"	52	brass
2"	65	brass
2 1/2"	78	brass
3"	94	brass
4"	120	brass

## DECK FILLS

Made from brass, with inside threading.

A = external size hull

B = external size flange in mm

	A	B
<b>769450</b>	1"	83
<b>769452</b>	1 1/2"	95
<b>769453</b>	2"	109

## FLAME STOPPING GRATINGS

Brass. With inside threading and a nickel-silver grating.

A = inside diameter in mm

B = size thread

C = external size in mm

E = height in mm

	A	B	C	E
<b>76947900</b>	38	1 1/2"	53	23
<b>76948000</b>	50	2"	64	28
<b>76948100</b>	63	2 1/2"	81	35
<b>76948200</b>	75	3"	92	40
<b>76948300</b>	99	4"	118	40

## SUCTION BOXES

Zinc-plated steel.

A = external diameter in mm

B = height in mm

	A	B
<b>769485</b>	160	150

## PORTHOLES AND PORTLIGHTS

### PORTLIGHTS heavily cast brass

Made from heavily cast brass, with 8mm. safety glass.

d1 = size glass in mm

d2 = hole in plate in mm

d3 = external size in mm

	d1	d2	d3
<b>769520</b>	200	225	266
<b>769525</b>	250	275	316
<b>769530</b>	300	330	372

### PORTLIGHTS Extruded stainless steel 304

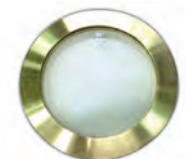
Light model. Extruded stainless steel 304. With a counter-ring for 4 to 20mm. thick walls.

d1 = size glass in mm

d2 = hole in plate in mm

d3 = external size in mm

	d1	d2	d3
<b>769541</b>	125	140	190
<b>769542</b>	150	160	215





769551  
769552

## PORTHOLES Extruded stainless steel 304

Light model. Extruded stainless steel 304. With a counter-ring for 4 to 15mm. thick walls.

d1 = size glass in mm

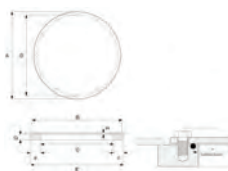
d2 = hole in plate in mm

d3 = external size in mm

d1	d2	d3
125	140	190
150	166	215

## ROUND MAN HOLE COVERS AND RINGS

Manhole covers consisting of a rolled ring, surfaced and with a 8mm groove for a rubber ring and a blasted steel cover. Primed and 10mm thick.



769491  
769495

## MAN HOLE COVERS AND RINGS TYPE A 12 hexagonal bolts

Type A is to be used for a level floor and 12 hexagonal bolts M16 x 30.

A = external diameter cover in mm

B = size hole to be sawn out in mm

C = internal diameter ring in mm

D = distance between centre of opposite bolts in mm

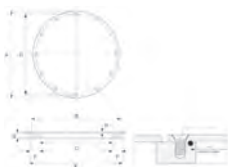
E = external diameter ring in mm

F = width ring in mm

G = thickness ring in mm

H = thickness cover in mm

A	B	C	D	E	F	G	H
560	-	-	520	-	-	-	10
-	580	470	520	600	65	32	-



769492  
769486  
769488  
769495

## MAN HOLE COVERS AND RINGS TYPE B 12 countersunk bolts

Type B is to be used for a level floor and 12 countersunk bolts M16 x 30.

A = external diameter cover in mm

B = size hole to be sawn out in mm

C = internal diameter ring in mm

D = distance between centre of opposite bolts in mm

E = external diameter ring in mm

F = width ring in mm

G = thickness ring in mm

H = thickness cover in mm

A	B	C	D	E	F	G	H
560	-	-	520	-	-	-	10
560	-	-	520	-	-	-	8
560	-	-	520	-	-	-	15
-	580	470	520	600	65	32	-

## MAN HOLE COVERS AND RINGS TYPE C 8 hexagonal bolts

Type C, lying on the floor with 8 hexagonal bolts M16 x 30.

- A = external diameter cover in mm  
 B = size hole to be sawn out in mm  
 C = internal diameter ring in mm  
 D = distance between centre of opposite bolts in mm  
 E = external diameter ring in mm  
 F = width ring in mm  
 G = thickness ring in mm  
 H = thickness cover in mm

769490	560	-	-	520	-	-	-	10
769496	-	450	470	520	560	45	25	-

## MAN HOLE COVERS AND RINGS TYPE C 12 hexagonal bolts

Type C, lying on the floor with 12 hexagonal bolts M16 x 30.

- A = external diameter cover in mm  
 B = size hole to be sawn out in mm  
 C = internal diameter ring in mm  
 D = distance between centre of opposite bolts in mm  
 E = external diameter ring in mm  
 F = width ring in mm  
 G = thickness ring in mm  
 H = thickness cover in mm

769491	560	-	-	520	-	-	-	10
769497	-	450	470	520	560	45	25	-
769498	-	450	470	520	560	45	28	-

## HANDHOLE COVERS 6 hexagonal bolts

Cover, lying on the floor, for 6 hexagonal bolts M16 x 30.

- A = external diameter cover in mm  
 B = size hole to be sawn out in mm  
 C = internal diameter ring in mm  
 D = distance between centre of opposite bolts in mm  
 E = external diameter ring in mm  
 F = width ring in mm  
 G = thickness ring in mm  
 H = thickness cover in mm

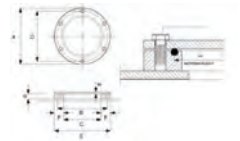
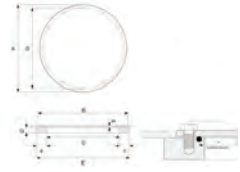
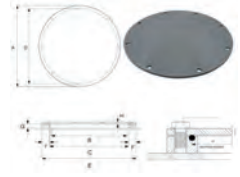
769499	270	-	-	231	-	-	-	1
769509	-	250	180	231	270	45	25	-

## RUBBER PACKINGS FOR MANHOLES

Made from neoprene, matching manhole covers type A, B and C.

- D = length of the rubber packing  
 C = thickness ring in mm

778316	628	8
778318	1530	8





**333434**  
**335622**  
**334550**  
**334600**

## PARTS FOR ROUND MANHOLE COVERS AND RINGS

### VARIOUS BOLTS

Tap bolts and hexagonal bolts with inside thread, for round manhole covers.

type	size	material
tap bolt	M16x30mm	galvanized
tap bolt	M16x30mm	SS 304
hexagonal bolt, inside th.	M16x30mm	galvanized
hexagonal bolt, inside th.	M16x30mm	SS 304

### OVAL MANHOLE COVERS AND RINGS

Oval manhole cover, consisting of a cover and a ring in accordance with DIN 83402 and a rubber packing in accordance with DIN 83402.



**769504**

#### OVAL MANHOLE COVERS TYPE A

Type A, lying on the floor.

A+B = outside dimensions ring in mm

Thickness = 12mm

A	B
520	720



#### OVAL MANHOLE RINGS TYPE A

Type A, lying on the floor.

A+B = outside dimensions ring in mm

C+D = size clear hole in mm

**769506**

A	B	C	D
520	720	400	600



**769504**

#### OVAL MANHOLE COVERS TYPE B

Type B, with coaming.

A+B = outside dimensions ring in mm

Thickness = 12mm

A	B
520	720



**769505**

#### OVAL MANHOLE COVERS TYPE C

Type C, for a level floor. Heavy model.

A+B = outside dimensions ring in mm

Thickness = 15mm

A	B
520	720



**769508**

#### OVAL MANHOLE RINGS TYPE C

Type C, for a level floor, Heavy model

A+B = outside dimensions ring in mm

C+D = size clear hole in mm

A	B	C	D
580	780	420	620

### OVAL MANHOLE COVERS TYPE D

Type D, for a level floor. Light model.  
A+B = outside dimensions ring in mm

	A	B
<b>769504</b>	520	720

### OVAL MANHOLE RINGS TYPE D

Type D, for a level floor. Light model  
A+B = outside dimensions ring in mm  
C+D = size clear hole in mm

	A	B	C	D
<b>769508</b>	580	780	420	620

### RUBBER PACKINGS

In accordance with DIN 83403. Oil and sea-water resistant.

	material
<b>769510</b>	neoprene

### PARTS FOR OVAL MANHOLE COVERS AND RINGS

#### VARIOUS NUTS

Nuts matching oval manhole covers type A, B and D.

	type	size	material
<b>328220</b>	hexagonal nut	M20	brass
<b>328020</b>	hexagonal nut	M20	galvanized
<b>328250</b>	hexagonal nut	M20	stainless steel 304

#### VARIOUS CAPNUTS

Capnuts matching oval manhole covers type C.

	type	size	material
<b>328754</b>	capnut	M20	galvanized
<b>328750</b>	capnut	M20	SS 304

#### MANHOLE GRIPS

A = length of the grip in mm  
B = thickness of the grip in mm

	A	B
<b>769511</b>	300	16





252280  
252281  
252282

## PIPE PLUGS

Pipe plugs used for temporarily cutting off and squeezing off all sorts of pipes.

## PRESSURE PLUGS

Cone-shaped pressure plug with a blind cap, used for closing of pipes.

can be used for pipe size

1/2"  
3/4"  
1"



252290  
252291  
252293  
252294  
252295  
252297

## DOG STARS

Cylinder-shaped plugs with a 1/2" connector by which the pipe can be pressurized.

can be used for pipe size

1 1/2"  
2"  
2 1/2"  
3"  
4"  
5"

## GAS SPRINGS

Can be used for casements, doors, hatches, cupboards and bunks.

Models available at short notice:

- Cylinder, sprayed black, with a heavy chrome-plated piston rod.
- Cylinder, sprayed black, with a SS 303 piston rod.
- SS 303 cylinder, with a SS 303 piston rod.

## SCREW EYES FOR GAS SPRINGS

Screw eyes used for mounting gas springs.

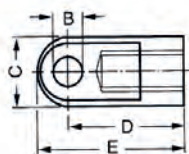
A = thread

B = diameter of the eye in mm

C = width in mm

D = distance to the centre of the eye in mm

E = overall height in mm



372710  
372711  
372712  
372713  
372715  
372716  
372717

material	A	B	C	D	E
galvanized	M 5	8,1	15	16	25
galvanized	M 8	8,1	15	19	25
galvanized	M10	8,1	18	30	39
galvanized	M14	14,1	20	42	55
SS	M 5	6,1	14	16	21
SS	M 8	8,1	14	19	27
SS	M10	8,1	18	27,5	39

## MOUNTING PLATES AND PINS FOR GAS SPRINGS

Mounting plates, pins included, for mounting a gas spring sideways.

material thickness of the pin in mm

372725  
372726

galvanized 6mm  
galvanized 8mm



## MOUNTING BRACKETS FOR GAS SPRINGS

Mounting brackets for mounting a gas spring to hatches, doors etc.

material	thickness of the pin in mm
galvanized	8mm
SS	8mm

372720  
372722

## BALL AND SOCKET JOINTS FOR GAS SPRINGS for mounting a gas spring

Ball and socket joints, with a mounting plate, for mounting a gas spring sideways.

material	size
galvanized	M8
SS	M8

372730  
372731

## BALL AND SOCKET JOINTS FOR GAS SPRINGS

Ball and socket joints for mounting gas springs to parts of among other things a coach-work. With inside thread for mounting it to the gas spring and threaded end on the other side.

material	size
galvanized	M5
galvanized	M8
galvanized	M10
SS	M5
SS	M8
SS	M10

372735  
372736  
372737  
372740  
372741  
372742

## ACCOMMODATION SYSTEMS SHIP-BUILDING

### BULKHEAD PROFILES

For the construction of cabins and other types of accommodation on ships and offshore structures we supply a complete range of products for conventional hard core bulkheads:

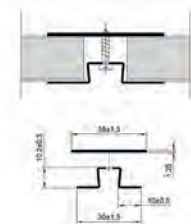
- \* steel clamp profiles
- \* steel bottom profiles
- \* steel ceiling profiles
- \* PVC cover profiles
- \* PVC skirting-board profiles

### CLAMP PROFILES 310

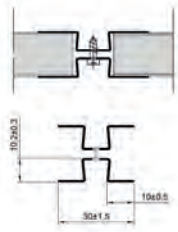
Galvanized steel. Single pre-drilled, length 5 metres.

weight  
0,290kg/m

306700



Art. nr.

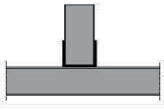


306710

### CLAMP PROFILES 610

Galvanized steel. Double pre-mounted, for partition-walls. Length 2,2 metres.

weight  
0,580kg/m



306718

### BOTTOM PROFILES

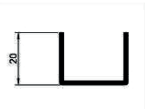
Galvanized steel. Used for mounting on the deck. Length 5 metres.

type inside measurements

U120 20mm

306720

U123 23mm



306735

### COVER PROFILES 1496

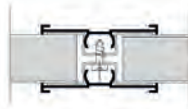
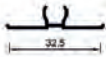
PVC. Fits into the steel clamp profiles as a finishing. Length 5 metres.

colour

beige

306736

white



306740

### COVER PROFILES 6476

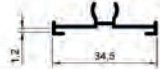
PVC. Fits into the steel clamp profiles as a finishing, with a possibility to push in strips of laminate. Length 5 metres.

colour

beige

306741

white



306742

### SKIRTING-BOARD PROFILES 3219/20

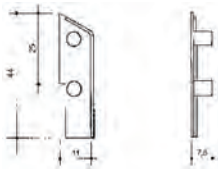
PVC. This profile consists of skirting-board profile 3219 and inlay profile 3220. Length 5 metres.

colour

anthracite

306743

brown



306753

### END CAPS for skirting-board profiles

Matching type 3219/20. Anthracite.

model

left

306752

right

### CONNECTING CLAMPS cross joint

Cross joint, galvanized steel. Can be used for connecting ceiling profiles without welding or screwing, simply by bending the tabs.

model

306745

A



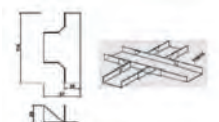
### CONNECTING CLAMPS T-joint

T-joint, galvanized steel. Can be used for coupling ceiling profiles without welding or screwing, simply by bending the tabs.

model

306746

B



### FINISHING CORNER PROFILES

Anodized aluminium, bright, with round angles. Length 5 metres.

size

model

306105

30 x 30 x 2mm

with round inside angle

306110

40 x 40 x 2mm

with round inside angle



## FASTENERS AND HOOKS

### PULL FASTENERS

#### PULL FASTENERS Protex 35x10mm

Stainless steel. Size without fastening hook  $l \times w = 35 \times 10$ mm.

description

item

375550

pull fastener

1

375581

matching hook

2

375596

matching hook

3



#### PULL FASTENERS Protex 46x38mm

Stainless steel. Size without fastening hook  $l \times w = 46 \times 38$ mm.

description

item

375552

pull fastener

1

375589

matching hook

2

375598

matching hook

3



#### PULL FASTENERS Protex 50x22mm

Stainless steel. Size without fastening hook  $l \times w = 50 \times 22$ mm.

description

item

375556

pull fastener

1

375580

matching hook

2

375587

matching hook

3

375595

matching hook

4





**375558**  
**375590**  
**375597**

### PULL FASTENERS Protex 71x22mm

Stainless steel. Size without fastening hook l x w = 71 x 22mm.

description	item
pull fastener	1
matching hook	2
matching hook	3



**375560**  
**375582**  
**375591**

### PULL FASTENERS Protex 87x22mm

Stainless steel. Size without fastening hook l x w = 87 x 22mm.

description	item
pull fastener	1
matching hook	2
matching hook	3



**375564**  
**375586**  
**375594**

### PULL FASTENERS Protex 106x38mm

Stainless steel. Size without fastening hook l x w = 106 x 38mm.

description	item
pull fastener	1
matching hook	2
matching hook	3



**375562**

### PULL FASTENERS Protex 117x24.4mm

Stainless steel. Size without fastening hook l x w = 117 x 24.4mm.

description
pull fastener



**375566**  
**375599**

### PULL FASTENERS Protex 134x76mm

Stainless steel. Size without fastening hook l x w = 134 x 76mm.

description
pull fastener
matching hook



**375750**  
**375752**  
**375754**  
**375770**  
**375772**  
**375773**

### PULL FASTENERS Ojop

Moulded construction in stainless or galvanized steel. Adjustable length. Without hookplates. With padlock eye.

type	material	max. load	length
7010	SS 316	75kg	70 - 80mm
7020	SS 316	300kg	100 - 120mm
7030	SS 316	250kg	140 - 160mm
7010	galvanized steel	75kg	70 - 80mm
7020	galvanized steel	300kg	100 - 120mm
7030	galvanized steel	250kg	140 - 160mm

## HOOKPLATES FOR PULL FASTENERS Ojop flat assmby

Hookplates in stainless or galvanized steel. For flat assembly.

	type	material	item
<b>375760</b>	30 - 701	SS 316	1
<b>375762</b>	31 - 702	SS 316	2
<b>375764</b>	41 - 703	SS 316	3
<b>375780</b>	30 - 701	galvanized steel	1
<b>375782</b>	31 - 702	galvanized steel	2
<b>375784</b>	41 - 703	galvanized steel	3
<b>375788</b>	22 - 703	galvanized steel	4

## HOOKPLATES FOR PULL FASTENERS Ojop angle assembly

Hookplates in stainless or galvanized steel. For angle assembly.

	type	material	item
<b>375767</b>	50 - 701	SS 316	3
<b>375786</b>	10 - 702	galvanized steel	1
<b>375787</b>	20 - 703	galvanized steel	2
<b>375789</b>	50 - 701	galvanized steel	3

## PULL FASTENERS 2157

Stainless steel 304 A/2. Barrel polished. Flat plate included.

	type	length
<b>366430</b>	2157	125mm

## PULL FASTENERS 3038K

Type 3038K. Short model with padlock eye, without plate. Material brass.

	material	baseplate
<b>375650</b>	brass satin chrome	30 x 36mm
<b>375651</b>	brass polished	30 x 36mm
<b>375652</b>	brass polished chrome	30 x 36mm

## PLATES FOR PULL FASTENERS 3038K Brass

Type 3038. To be combined with 3038K fasteners. Material brass.

	material	construction
<b>375670</b>	BSC	flat
<b>375671</b>	BP	flat
<b>375672</b>	BPC	flat
<b>375673</b>	BSC	inner angle B
<b>375674</b>	BP	inner angle B
<b>375675</b>	BPC	inner angle B
<b>375676</b>	BSC	exterior angle A
<b>375677</b>	BP	exterior angle A
<b>375678</b>	BPC	exterior angle A

## PULL FASTENERS 3581

Type 3581. Brass, plate included.

	material	dimensions
<b>375720</b>	SS A4	80 x 30mm



Art. nr.



375726  
375727

### PULL FASTENERS 3948

Type 3948. Brass, for flat as well as angle use. With padlock eye.

material	dimensions
BP	110 x 50mm
SS 316	110 x 50mm



375540

### PULL FASTENERS brass

Brass. Including toggle plate.

material	size
BC	72 x 35mm



375545

### PULL FASTENERS brass with concealed keyholes

Brass. Including toggle plate. With concealed keyholes.

material	size
BC	82 x 30mm



366288

### HASP FASTENERS Chromium plated brass flatted screwholes

Chromium plated brass with flatted screwholes. With padlock eye.

size
71 x 24mm



366289

### HASP FASTENERS chrome plated brass

Chrome plated brass. With padlock eye.

size
66 x 50mm



366376  
366378

### HASP FASTENERS brass hasp fastener

Brass hasp fastener with brass eye plate.

material	length	screw plate
BP	120mm	40 x 40mm
brass unpolished	120mm	40 x 20mm



366382

### HASP FASTENERS brass hasp fastener broad overlap sloping finger handle

Brass hasp fastener with brass eye plate. Broad overlap with sloping finger handle.

material	length	screw plate
BP	125mm	45 x 40mm

## HASP FASTENERS stainless steel hasp fastener

Stainless steel hasp fastener, 316 quality. Polished. Cannot be unscrewed when closed.

	material	length	width	mat. thickness
366390	SS	80mm	35mm	2mm

## CABIN HOOKS

### CABIN HOOKS HEAVY MODEL

Heavy model. Galvanized steel. Thickness: 10mm. with eyeplate 72 x 42mm.

length
374220 100mm
374221 160mm
374222 250mm
374223 320mm

### EYEPLATES FOR CABIN HOOKS galvanized steel

Separate eyeplate for heavy model cabin hook. Galvanized steel.

measure
374224 72 x 42mm

### CABIN HOOKS brass nickel-plated

Brass nickel-plated. With 1 eyeplate.

	hook length	total length
374135	50mm	65mm
374137	75mm	90mm
374140	100mm	115mm
374142	125mm	140mm
374145	150mm	165mm
374147	200mm	230mm

### CABIN HOOKS brass

Brass. With 1 eyeplate.

	hook length	total length
374105	50mm	65mm
374107	75mm	90mm
374110	100mm	115mm
374112	125mm	140mm
374115	150mm	165mm
374120	200mm	230mm

### EYEPLATES FOR CABIN HOOKS nickel-plated brass

Separate eyeplate for cabin hook. Nickel-plated brass.

measure
374203 22 x 22mm



Art. nr.



374185  
374187  
374190  
374192  
374195  
374196  
374197  
374165  
374167  
374172  
374178

### CABIN HOOK Ship model

Type 229. Ship model, double-hinged, entirely made of brass. Anti-vibration. Eyeplate with cone-shaped hole.

material	hook length	total length
BSC	50mm	80mm
BSC	75mm	105mm
BSC	100mm	130mm
BSC	125mm	160mm
BSC	150mm	185mm
BSC	175mm	210mm
BSC	200mm	235mm
BP	50mm	80mm
BP	75mm	105mm
BP	125mm	160mm
BP	200mm	235mm



374206  
374207  
374213  
374214

### EYEPLATES FOR CABIN HOOKS type 229 solid brass

Eyeplates for double-hinged cabin hooks type 229. Cone-shaped drilling, oval backplate and made entirely of solid brass.

material	measure	for cabin hook
BSC	40 x 22mm	50 to 100mm
BSC	45 x 25mm	125 to 200mm
BP	40 x 22mm	50 to 100mm
BP	45 x 25mm	125 to 200mm



375602  
375603

### WHEELHOUSE HARDWARE

#### HATCH FASTENERS 7210

Type 7210. Cast brass with M8 ringnut and plate. Used for fastening hatches, windows, etc.

material	length
BP	72mm
BPC	72mm



375610  
375611

#### WHEELHOUSE ROOF PULLS 7229

Type 7229. Cast brass with M8 round adjusting nut and plate. Used for fastening hatches, windows and wheelhouse roofs, etc.

material	length
BSC	154mm
BP	154mm



375620

#### WHEELHOUSE ROOF PULLS 7502

Type 7502. Cast brass long model with finger handle and interior angle plate, a so-called bayonet catch. Used for fastening wheelhouse roofs.

material	length
BSC	+/- 150mm

**WHEELHOUSE CORNER JOINTS**

Wheelhouse corner joints, brass with M10 wingnut.

material

**375625**

BPC

**COVER PULLS**

Simple model. Galvanized steel with rubber pull.

length

**375635**

125mm

**WINDOW PINS with chain**

To lock above sliding windows and pigeon holes. With chain.

material

**372126**

AA

**PORTLIGHT HOLDERS****PORTLIGHT HOLDERS Stainless steel**

Stainless steel portlight holders with stainless steel patent chain. Heavy duty model.

material

length

**375813**

SS

500mm

**PORTLIGHT HOLDERS adjustable length**

Portlight holders to be used with patent chain, so the length is adjustable. Fixing plate and small "beam" included. Chain not included.

type

material

fixing plate measure

**375810**

3119

BSC

45 x 25mm

**375811**

3119

BP

45 x 25mm

**PORTLIGHT CHAIN**

Heavy duty model patent chain for 3119 portlight holders.

type

material

**345013**

1033

brass

**345021**

1033

BN

**PORTLIGHT HOOKS 4703 / 4713**

Type 4703 / 4713. Portlight holders with fixing plate and hook.

plate type

hook type

material

hook length

**375815**

4703

4713

BSC

140mm

**375816**

4703

4713

BSC

190mm

**375817**

4703

4713

BSC

240mm



Art. nr.



375820

**CATCHES FOR PORTLIGHT HOOKS 3820**  
Type 3820. Springed catches to fix portlight hooks, preventing rattling and vibrating.

type	material
3820	BSC



375832

**EYEPLATES FOR PORTLIGHT HOOKS**  
Eyeplates to be used with portlight hooks.

type	material	measure
2553	BSC	45 x 25mm



730488  
730490

**AJAR HOOKS**

**AJAR HOOKS 3573G / 3575G**

Ajar hooks to set cabin doors ajar. When used with locks with ajar hook hole, doors can also be locked when ajar.

type	material	length
3575G	BSC	50mm
3573G	BSC	135mm



730495

**AJAR HOOK CATCHES 4066**

GSV 4066. Spring catches to fix ajar hooks when not used. Preventing rattling and vibrating.

type	material	measure
4066	BSC	45 x 25mm

## CABINET BOLTS AND BARREL BOLTS

### CABINET BOLTS AND BARREL BOLTS

For closing doors, fences, etc. easily and efficiently. Bolts have a flat striking plate, with the exception of the mortice bolts and the flush bolts.

#### PROFILE BOLTS flat model stainless steel

Stainless steel. Flat model. With surface strike, no roller bearing.

37300800

material	size
SS	120x52mm

#### PROFILE BOLTS light-weight model flat brass / brass nickel

Light-weight model, flat.

373104  
373106  
373107  
373108  
373109  
373110  
373112

material	size
BN	40 x 25mm
BN	60 x 25mm
BN	80 x 25mm
BN	80 x 35mm
brass	40 x 25mm
brass	60 x 25mm
brass	80 x 35mm

#### PROFILE BOLTS Light-weight model, angular brass / brass nickel

Light-weight model, angular.

373114  
373116  
373120  
373122

material	size
BN	40 x 25mm
BN	60 x 25mm
brass	60 x 25mm
brass	80 x 35mm

#### MORTICE BOLTS

A bolt which is placed above and / or below the top side of the door.

373255  
373256  
37325700  
37325701  
37325800  
37325801

material	size
aluminium	150 x 25mm
aluminium	225 x 25mm
ALU brass chromed	150 x 25mm
ALU brass chromed	225 x 25mm
ALU brass plated	150 x 25mm
ALU brass plated	225 x 25mm

#### FLUSH BOLTS

Brass flush bolts. Including striking plate. Pin 8mm.

373250  
373251

material	dimensions
BP	102 x 15mm
BPC	102 x 15mm




**372231**

## BARREL BOLTS

For closing a space in a simple way. Barrel bolts always have a round bolt.

### BARREL BOLTS SS 8892

Stainless steel A4 316 barrel bolt.

With spring.

material	dimensions bolt	dimensions bracket
SS A4 316	72 x 19mm	27 x 30mm



### BARREL BOLTS FOR SHIPS 2512

Anti-vibration barrel bolts for ships are seawater-resistant because they are made of brass. Complete with surface strike. Type 2512.

**373206**
**373208**
**373212**
**373213**
**373216**
**373218**
**373222**
**373223**
**373225**
**373226**
**373228**
**373229**

material	size	pin
BSC	50 x 28mm	8mm
BSC	75 x 35mm	8mm
BSC	100 x 45mm	10mm
BSC	125 x 45mm	10mm
BP	50 x 28mm	8mm
BP	75 x 35mm	8mm
BP	100 x 45mm	10mm
BP	125 x 45mm	10mm
BPC	50 x 28mm	8mm
BPC	75 x 35mm	8mm
BPC	100 x 45mm	10mm
BPC	125 x 45mm	10mm


**373460**
**373461**
**373464**
**373465**

### STRIKING PLATES for barrel bolts, flat

Flat. To be used with mounting in the clear.

material	hole size	size
BSC	8.5mm	40 x 15mm
BP	8.5mm	40 x 15mm
BSC	11.0mm	50 x 20mm
BP	11.0mm	50 x 20mm


**373470**

### STRIKING PLATES for barrel bolts, angular

Angular. To be used with mounting in the clear.

material	hole size	size
BSC	8mm	35 x 12 x 12mm


**373204**
**373165**
**373209**
**373214**
**373170**
**373219**

### PROFILE BARREL BOLTS moulded model

Light-weight model. Moulded model. Pin 8mm.

material	size
BSC	50 x 25mm
BSC	60 x 25mm
BSC	80 x 25mm
BP	50 x 25mm
BP	60 x 25mm
BP	80 x 25mm

373039  
373045  
373040  
373038

## DOOR BARREL BOLTS 2526

Type 2526. Extra heavy duty.

material	plate size	pin
BP	60 x 50mm	10mm
BP	90 x 70mm	16mm
galvanized steel	90 x 70mm	16mm
BSC	60 x 50mm	10mm

## CABINET FURNITURE

### HINGES AND CABINET/CASEMENT STAYS

Various hinges and stays for a great variety of applications.

#### TOP BOX HINGES Lift exact

The spring force is adjustable up to 220N. to balance the flap weight. 75 degree opening angle. Max. flap weight: 4.6kg. Material: nickel-plated steel.

number

372535

40721

#### TOP BOX HINGES Lift junior

Spring force: 140N. 75 degree opening angle. Max. flap weight: 2.5kg. Material: nickel-plated steel.

number

372536

40722

### VERTICAL LIFT-UP FLAP FITTINGS (DUAL PNEUMATIC ACTION)

Lift-up flap fitting featuring adjustable width, to swivel up doors in parallel. Ideal for microwave ovens, grills and electrical appliances. The pneumatic action supports the self-acting parallel upward motion of the door and ensures that it is held open safely and closes securely.

-adjustable width from 411 - 570mm.

-dual pneumatic action

-optimal cabinet access

-efficient assembly, the door / front is simply clipped on and screwed tight

-three-dimensional front adjustment:

height +/- 3mm.

side +/- 1.5mm.

angle -0.5 / +1 degrees

-max. flap/door weight 4kg.

-min. inside cabinet dimensions:

width: 411 - 570mm.

height: min. 320mm.

depth: min 220mm.

-finish: white plastic-coated steel

number

372589

79715



Art. nr.



372513  
372514  
372511  
372512

### CABINET STAYS 2658 300mm

Length: 300mm.

material	construction
BSC	left
BSC	right
BP	left
BP	right



372539  
372540  
372541  
372542

### CABINET STAYS 4145 100mm

Curved. Length: 100mm.

material	construction
BSC	left
BSC	right
BP	left
BP	right



372546  
372547

### CABINET STAYS 4896 105mm

Length: 105mm.

material
BSC
BP



372550  
372551  
372552  
372510

### CABINET STAYS 2654

With spring action. Length: 195mm or 300mm.

material	length
BSC	195mm
BP	195mm
BPC	195mm
BPC	300mm



372590

### CABINET STAYS 210mm

Stainless steel A2. Spring-operated.

length
235mm



372507  
372508

### FLAP STAYS 13233 / 13235

Applicable to left and right. Nickel-plated steel.

number	length
13233	200mm
13235	250mm



372525  
372528

### FLAP STAYS 16173 / 16176

With guide bar and braking system. Nickel-plated steel.

number	for flap	hoh
16173	300 - 350	182mm
16176	450 - 500	290mm

**FLAP STAYS 13223 / 13224**

Tie bar and base: nickel-plated steel. Nylon guide bar. Plastic supports.

	number	length	support colour
<b>372530</b>	13223	250mm	white
<b>372531</b>	13224	250mm	brown

**TOP BOX STAYS 13239**

The flap is held open by a catch. Lifting the flap slightly releases the catch. An indent in the tie bar keeps the flap shut. Bars and supports: nickel-plated steel.

	number	length	colour
<b>372533</b>	13239	200mm	white

**TOP BOX STAYS 16179**

With screw-on support and base. The flap weight is balanced by a spring and the flap is held securely closed. Adjustable spring force.

	number	length	colour
372506	16179	250mm	nickel-plated steel

**TOP BOX STAYS 25086**

KLS 40. With support head. Nickel-plated steel.

	number	length	construction
<b>372593</b>	25086	200mm	right

**DOOR STAYS 2866**

Length: 235mm.

	material
372570	BSC
372571	BP

**WHEEL-HOUSE CASEMENT STAYS 350mm****brass satin chrome**

Heavy construction with notches and plastic adjustment knob. Brass satin chrome.

	length
<b>374650</b>	350mm

**WHEEL-HOUSE CASEMENT STAYS 350mm****brass polished chrome**

Heavy construction with notches and plastic adjustment knob. Brass polished chrome.

	length
<b>374651</b>	350mm



Art. nr.



374655

**SHIP'S CASEMENT STAYS 300mm**

Suitable for left and right. Polished brass.

length  
300mm



374612  
374618  
374611  
374619

**SHIP'S CASEMENT STAYS Telescopic 280 - 500mm**

Easy adjustable in length by locking clamp.

material	direction	length
BSC	left	280 - 500mm
BP	left	280 - 500mm
BSC	right	280 - 500mm
BP	right	280 - 500mm



374616

**SHIP'S CASEMENT STAYS Telescopic 220 - 380mm**

Easy adjustable in length by wing nut.

material	length
BSC	220 - 380mm



374605

**CASEMENT STAYS 510 length 300-500mm**

Telescopic model. With plastic adjustment knob. Length 300-500mm.

material  
BSC



374626

**CASEMENT STAYS 530A/B**

For desks. With hexagon adjustment knob. Brass polished.

type	length
530A	220-350mm

**TV SWIVELS AND LIFTS**

Various possibilities to take your television out of view in a cabinet, cupboard, blanket chest or even in the floor when turned off. When using the television, it can be placed in any position for easy watching.



390845

**EXTENDABLE TV SWIVELS 45762**

Partly extendable tv swivel with Quadro runners. 360 degree rotation. Maximum load capacity: 500N. Material: galvanized steel.

number	extension length	height
45762	150mm	34mm

**BED HOOKS**



342017

**BED HOOKS 4525**

Bed hooks, brass polished. Eye/button fixture. Per set.

eye plate size	button plate size
18 x 60mm	20 x 50mm

### BED HOOKS support assembly

Moulded steel bed hooks. Support assembly. In sets of 8 pieces (4 pairs). Sets consists of:

- 2 hook plates left
- 2 hook plates right
- 2 closing plates left
- 2 closing plates right

size

**342006**

130 x 30mm

### CABINET HANDLES

Cabinet handles for assembly in kitchens, cupboards, dressers, etc.

When assembling cabinet handles from the BACKSIDE of drawers, cabinet doors f.e, the centre-to-centre distance is a multiple of 32mm. IN ALL CASES.

This, however, is NOT the case in handles which are assembled from the FRONT.

As a rule, cabinet handles are mounted from the backside with an M4 bolt (unless stated differently).

A CD-ROM featuring a complete survey of the Prodecor handle range is available on request.

#### CABINET HANDLES Prodecor diameter: 10mm. height: 25mm.

For backside assembly. Diameter: 10mm. Height: 25mm.

**430246**  
430248  
430270  
430268

number	centre to centre	material
40882	96mm	satın nickel
75090	96mm	satın chrome
40887	128mm	satın nickel
75097	128mm	satın chrome

#### CABINET HANDLES Prodecor diameter: 10mm. height: 31mm.

For backside assembly. Diameter: 10mm. Height: 31mm.

**430286**  
430287  
430288

number	centre to centre	material
75212	128mm	satın nickel
75213	128mm	polished chrome
75214	128mm	satın chrome

#### CABINET HANDLES Prodecor Diameter: 8mm. Height: 30mm.

For backside assembly. Diameter: 8mm. Height: 30mm.

430732  
**430738**  
**430737**  
**430735**  
**430743**  
430742  
430751

number	centre to centre	material
23034	64mm	chrome-plated steel
23033	96mm	satın nickel-plated steel
23032	96mm	chrome-plated steel
30773	96mm	brass polished steel
30774	128mm	satın nickel-plated steel
30777	128mm	chrome-plated steel
23031	160mm	satın nickel-plated steel



Art. nr.



430790  
430791  
430792  
430793  
430794

**CABINET HANDLES Stainless steel diameter: 8mm.**

Brushed stainless steel cabinet handles. Backside assembly. M4 screw-thread. Diameter: 8mm.

centre to centre

64mm  
96mm  
128mm  
160mm  
192mm



434007

**CABINET HANDLES Stainless steel diameter 10mm.**

Brushed stainless steel cabinet handles. The so called T-model. Danish design. M4 screw thread. Diameter 10mm.

centre to centre

512mm



384400  
384401  
384402

**CABINET HANDLES colour: aluminium anodized**

Backside assembly. Colour: aluminium anodized.

type	length	c.t.c.	screw-thread
4190	70mm	60mm	M4
4191	85mm	73mm	M4
4192	108mm	88mm	M5



384470  
384471

**CABINET HANDLES drawer handle**

Drawer handle. To be mounted on frontside. Colour: aluminium anodized.

type	length
4087	70mm
4089	90mm



384415  
384416

**CABINET HANDLES 6674 thread model 10mm. diameter**

Backside assembly. However, centre-to-centre distance deviates. Thread model 10mm. diameter.

type	c.t.c.	material
6674	40mm	satin brass chrome
6674	40mm	polished brass



384492  
384493

**CABINET HANDLES 2581 frontside assembly**

Frontside assembly. Classic model in moulded brass.

type	c.t.c.	material
2581	90mm	satin brass chrome
2581	90mm	polished brass

## CABINET HANDLES frontside assembly

Frontside assembly. Polished brass, lacquered.

	type	length	c.t.c.	material
<b>384601</b>	731/ 70	115mm	103mm	brass polished
<b>384602</b>	731/ 80	130mm	117mm	brass polished
<b>384603</b>	731/100	155mm	141mm	brass polished
<b>384604</b>	731/120	180mm	164mm	brass polished



## FLUSH PULLS

Flush pulls which have to be knocked in. After assembly, there are no protruding parts. Nearly flush finish on frontside.

### FLUSH PULLS BN 41 120x40mm

Rectangular.

	type	size	material
<b>384750</b>	BN 41	120 x 40mm	brass polished



### FLUSH PULLS 369 PE / 947 PE 100x40mm 150x42mm

Rectangular.

	type	size	material
<b>384740</b>	369 PE	100 x 40mm	aluminium anodized
<b>384742</b>	947 PE	150 x 42mm	aluminium anodized



### FLUSH PULLS FSB 4211 120x40mm

Rectangular.

	type	size	material
<b>384745</b>	FSB 4211	120 x 40mm	aluminium anodized



### FLUSH PULLS 4560 103x40mm

Rounded angles. Inlet depth 15mm.

	type	size	material
<b>384735</b>	4560	103 x 40mm	AA



## CABINET KNOBS

Cabinet knobs are mounted from the backside with an M4 bolt, unless stated differently.

A CD-ROM featuring a complete survey of the Prodecor handle range is available on request.

### CABINET KNOBS Prodecor

Diameter 30mm

Height 27mm

	number	finish
<b>430133</b>	9070586	satin nickel
<b>430132</b>	9070585	chrome



Art. nr.



384222  
384223  
384224

**CABINET KNOBS brass polished, round model**

Round model. Brass polished.

diameter

25mm

30mm

40mm



470415

**CABINET KNOBS wooden cabinet knob ball-shaped model**

Wooden cabinet knob with M4 female thread. Ball-shaped model. Ash.

type

diameter

11007

32mm



470425

**CABINET KNOBS wooden cabinet knob mushroom-shaped, pointed model**

Wooden cabinet knob with M4 female thread. Mushroom-shaped, pointed model. Ash.

type

diameter

11017

31mm



470426

**CABINET KNOBS wooden cabinet knob mushroom-shaped**

Wooden cabinet knob with M4 female thread. Mushroom-shaped model. Ash.

type

diameter

11023

38mm



470430

**CABINET KNOBS wooden cabinet knob straight model**

Wooden cabinet knob with M4 female thread. Straight model. Ash.

type

diameter

11005

37mm



384251

**BOLTS For cabinet handles and knobs**

Specially for fixing cabinet handles and knobs. Fitted with a very flat head, to prevent protrusion on the inside. Can be screwed on with crosshead screwdriver as well as slotted screwdriver. Diameter: M4.

**BREAK-OFF BOLTS**

A bolt which can be shortened to any length desired by simply cutting it off. Thus, bolts can be used with variable material thicknesses.

length

20 / 25 / 30 / 35 / 40 / 45mm

## DOORGRIPS

To be used on front doors, fence doors, sliding doors, etc.

### DOORGRIPS aluminium profile model

Colour: aluminium anodized. Aluminium profile model.

	type	length
<b>384550</b>	4200	90mm
<b>384551</b>	4201	110mm
<b>384552</b>	4203	150mm
<b>384553</b>	4204	170mm
<b>384554</b>	4205	200mm

### DOORGRIPS cast aluminium

Colour: aluminium anodized. Cast aluminium.

	type	length
<b>384560</b>	4255	110mm
<b>384561</b>	4256	140mm
<b>384562</b>	4257	160mm
<b>384563</b>	4258	180mm

### DOORGRIPS screw-on heavy duty model

Finish: anodized aluminium. Screw-on heavy duty model.

	type	centre to centre
<b>384567</b>	3602	160mm
<b>384568</b>	3601	200mm

### DOORGRIPS stainless steel, polished. Including roses

Finish: stainless steel, polished. Including roses.

	size grip	diameter roses
<b>384580</b>	200 x 25mm	50mm
<b>384581</b>	300 x 25mm	50mm

### DOORGRIPS electro-zincd, trip model

Electro-zincd. Strip model.

	type	length
<b>384572</b>	73415	150mm
<b>384573</b>	73417	170mm
<b>384574</b>	73421	210mm
<b>384575</b>	73423	250mm

## HINGES

### TABLE HINGES

#### TABLE HINGES 137 TOP

137. Made of drawn brass, drilled and milled, with brass pin.

	size	button	material
<b>353350</b>	30 x 50mm	top	nickel-plated brass polished
<b>353352</b>	30 x 50mm	top	BP



Art. nr.



**353345**  
**353346**



**353806**



**353103**  
**353105**  
**353107**  
**353109**  
**353110**  
**353112**  
**353113**  
**353114**  
**353115**  
**353117**  
**353119**  
**353135**  
**353136**  
**353137**  
**353138**  
**353141**  
**353143**  
**353145**  
**353147**  
**353148**  
**353149**  
**353151**  
**353152**  
**353153**



**353285**  
**353286**  
**353287**  
**353290**  
**353291**  
**353292**

## TABLE HINGES 135 BOTTOM

135. Made of drawn brass, drilled and milled, with brass pin.

size	button	material
30 x 50mm	bottom	nickel-plated brass polished
30 x 50mm	bottom	BP

## TABLE HINGES Markant 11 FLAP

Markant 6. Drilling size 35mm. Drilling depth 12mm. Flap can be taken off by simply unscrewing a single screw.

material
zamac nickel-plated

## SHIPS HINGES

### SHIPS HINGES with fixed pin

Made of drawn brass.

size	pin housing	material	type
30 x 20 x 1.50mm	4.0mm	BP	100
40 x 30 x 1.75mm	5.0mm	BP	145
50 x 30 x 1.80mm	4.5mm	BP	100
50 x 40 x 2.00mm	5.0mm	BP	145
50 x 40 x 1.50mm	4.5mm	BP	100
60 x 40 x 2.00mm	5.5mm	BP	100
60 x 50 x 2.00mm	6.0mm	BP	145
60 x 50 x 2.00mm	5.0mm	BP	100
80 x 60 x 2.00mm	6.0mm	BP	100
80 x 65 x 3.00mm	9.0mm	BP	145
90 x 70 x 3.00mm	10.0mm	BP	145
40 x 30 x 1.75mm	5.0mm	BSC	145
50 x 30 x 1.80mm	4.5mm	BSC	100
50 x 40 x 2.00mm	5.0mm	BSC	145
60 x 40 x 2.00mm	5.5mm	BSC	100
60 x 50 x 2.00mm	6.0mm	BSC	145
80 x 65 x 3.00mm	9.0mm	BSC	145
90 x 70 x 3.00mm	10.0mm	BSC	145
40 x 30 x 1.75mm	5.0mm	BPC	145
50 x 30 x 2.00mm	5.0mm	BPC	145
50 x 40 x 2.00mm	5.0mm	BPC	145
60 x 50 x 2.00mm	6.0mm	BPC	145
80 x 65 x 3.00mm	9.0mm	BPC	145
90 x 70 x 3.00mm	10.0mm	BPC	145

### SHIPS HINGES with fixed pin, Light-weight model

Light-weight model.

size	pin housing	material
40 x 35 x 1.5mm	4.0mm	BS
50 x 40 x 1.5mm	4.0mm	BS
60 x 50 x 1.5mm	4.5mm	BS
40 x 35 x 1.5mm	4.0mm	BSC
50 x 40 x 1.5mm	4.0mm	BSC
60 x 50 x 1.5mm	4.5mm	BSC

### SHIPS HINGES with loose pin, Type 145 A

Type 145 A. Made of drawn brass. Flat top button. Other sizes are available from the manufacturer when ordering at least a 100.

	size	pin housing	material
<b>353207</b>	50 x 40 x 2.00mm	5.0mm	BP
<b>353213</b>	60 x 50 x 2.00mm	6.0mm	BP
<b>353217</b>	80 x 65 x 3.00mm	9.0mm	BP
<b>353220</b>	90 x 70 x 3.00mm	10.0mm	BP
<b>353235</b>	40 x 30 x 1.75mm	5.0mm	BSC
<b>353237</b>	50 x 40 x 2.00mm	5.0mm	BSC
<b>353241</b>	60 x 50 x 2.00mm	6.0mm	BSC
<b>353243</b>	80 x 65 x 3.00mm	9.0mm	BSC
<b>353245</b>	90 x 70 x 3.00mm	10.0mm	BSC

### SHIPS HINGES with loose pin, drawn brass, Type 193 AVL

Type 193 AVL. Made of drawn brass. Flat button top and bottom. Other sizes are available from the manufacturer when ordering at least a 100.

	size	pin housing	material
<b>353260</b>	80 x 60 x 2.5mm	8.0mm	BP
<b>353261</b>	80 x 60 x 2.5mm	8.0mm	BSC
<b>353262</b>	80 x 60 x 2.5mm	8.0mm	BPC

### SHIPS HINGES with loose pin, drawn brass, Type 3420 LP

Type 3420 LP. Made of drawn brass. Flat top button.

	size	pin housing	material
<b>353225</b>	100 x 86 x 3.5mm	13.0mm	BP
<b>353255</b>	100 x 86 x 3.5mm	13.0mm	BSC

### SHIPS HINGES with loose pin, drawn brass, Type 194 AS

Type 194 AS. Made of drawn brass. Flat top button.

	size	pin housing	material
<b>353264</b>	80 x 80 x 2.5mm	8.0mm	BP
<b>353267</b>	80 x 80 x 2.5mm	8.0mm	BPC

### BALL BEARING HINGES

#### BALL BEARING HINGES with straight angles

Type BB802. With detachable flat pin.

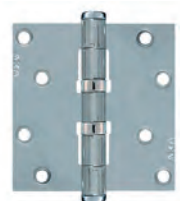
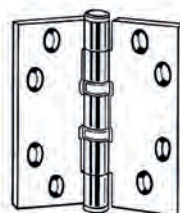
	height x width when open	material	pin
<b>350310</b>	75 x 75mm	BP	SS
<b>350311</b>	90 x 90mm	BP	SS

### BUTTON HINGES

#### BUTTON HINGES with straight angles

Straight design with bronze bearing.

	height x width when open	material	pin
<b>350330</b>	75 x 75mm	BP	bronze





**354530**  
**354531**  
**354540**  
**354541**



**354310**  
**354311**  
**354315**  
**354316**



**354335**  
**354336**



**354552**  
**351025**  
**354555**  
**354561**  
**354019**



**353950**

## BUTT HINGES

### BUTT HINGES stainless steel

Stainless steel. Rolled button, brushed. Plate thickness 2.5mm.

height x width when open	rotation direction	pin housing
70 x 50mm	left	9.0mm
70 x 50mm	right	9.0mm
76 x 76mm	left	12.0mm
76 x 76mm	right	12.0mm

### CURVE BUTT HINGES drawn brass

300. Made of drawn brass. 7.5mm curve. Plate thickness 1.7mm. Height 60mm. 40mm and 50mm are available from manufacturer by order. Brass pin.

rotation direction	material	pin housing
left	BP	8.0mm
right	BP	8.0mm
left	BSC	8.0mm
right	BSC	8.0mm

### CRANKED BUTT HINGES drawn brass

700. Made of drawn brass. For overlay doors 18 - 20mm. Plate thickness 2mm. Height 50mm. For other door thicknesses: available by order from manufacturer.

rotation direction	material	pin housing
left	BSN	7.0mm
right	BSN	7.0mm

### RINGS for butt hinges

Separate rings for butt hinges.

material	for hinge
SS	type 580 70 x 50mm
nylon	pinned butt hinges
SS	type 801
BNP	type 807 76 x 76, 90 x 90 and 100 x 100mm
BP	type 182

### PINNED BUTT HINGES

#### PINNED BUTT HINGES Type 707

Type 707. Brass pinned butt hinges of solid material. Straight design. Height: 40mm.

material	pin housing
bn	8.0mm

## BALL BUTT HINGES

### BALL BUTT HINGES with right angles

Type BB807.

	height x width when open	material	rotation direction
<b>354502</b>	75 x 75mm	SS	left
<b>354503</b>	75 x 75mm	SS	right
<b>354508</b>	90 x 90mm	SS	left
<b>354509</b>	90 x 90mm	SS	right
<b>354517</b>	90 x 125mm	SS	right
<b>354518</b>	90 x 152mm	SS	left
<b>354519</b>	90 x 152mm	SS	right
<b>354581</b>	90 x 90mm	BS	left
<b>354582</b>	90 x 90mm	BS	right

### BALL BUTT HINGES with rounded angles

Type RD BB807.

	height x width when open	material	rotation direction
<b>354504</b>	75 x 75mm	SS	left
<b>354505</b>	75 x 75mm	SS	right
<b>354506</b>	90 x 90mm	SS	left
<b>354507</b>	90 x 90mm	SS	right

## SHIPS BUTT HINGES

### SHIPS BUTT HINGES cast brass

Cast brass.

	height x width when open	rotation direction	material	pin housing
<b>354060</b>	80 x 50mm	left	BP	13.0mm
<b>354061</b>	80 x 50mm	right	BP	13.0mm
<b>354067</b>	120 x 60mm	right	BP	14.0mm
<b>354080</b>	140 x 75mm	left	BP	15.0mm
<b>354081</b>	140 x 75mm	right	BP	15.0mm
<b>354260</b>	80 x 50mm	left	BSC	13.0mm
<b>354261</b>	80 x 50mm	right	BSC	13.0mm

### SHIPS BUTT HINGES drawn brass Type 182

Type 182. Made of drawn brass. Plate thickness: 3mm. With stainless steel pin.

	height x width when open	rotation direction	material	pin housing
<b>354021</b>	70 x 50mm	left	BSC	11.0mm
<b>354022</b>	70 x 50mm	right	BSC	11.0mm
<b>354023</b>	70 x 50mm	left	BP	11.0mm
<b>354024</b>	70 x 50mm	right	BP	11.0mm
<b>354025</b>	70 x 50mm	left	BPC	11.0mm
<b>354026</b>	70 x 50mm	right	BPC	11.0mm





**354290**  
**354291**  
**354292**  
**354293**

## BUTT HINGES heavy duty drawn brass Type 3416

Type 3416. Made of drawn brass. Plate thickness: 3mm.

height x width when open	rotation direction	material	pin housing
90 x 63mm	left	BSC	11.0mm
90 x 63mm	right	BSC	11.0mm
90 x 63mm	left	BP	11.0mm
90 x 63mm	right	BP	11.0mm



**354002**  
**354003**  
**354006**  
**354007**  
**354202**  
**354203**  
**354206**  
**354207**

## BUTT HINGES for cupboard and yacht doors Type 180

Type 180. Made of drawn brass. Plate thickness: 1.75mm. Stainless steel pin.

height x width when open	rotation direction	material	pin housing
40 x 40mm	left	BP	8.0mm
40 x 40mm	right	BP	8.0mm
60 x 40mm	left	BP	8.0mm
60 x 40mm	right	BP	8.0mm
40 x 40mm	left	BSC	8.0mm
40 x 40mm	right	BSC	8.0mm
60 x 40mm	left	BSC	8.0mm
60 x 40mm	right	BSC	8.0mm

## HINGES MISCELLANEOUS

### REFRIGERATOR CABINET HINGES ET 582

Nickel-plated steel. Special hinge for refrigerator cabinets.

- opening angle: 95 degrees.

- cup diameter: 35mm.

- cup depth: 12.8mm.

3mm. mounting plate included.

number

**356550**

72134

### FASCIA HINGES DSB 91

Zinc die-cast. Suitable for mounting hinged fascias or for connecting two door sections on folding/sliding doors. With spring system.

number

**390218**

60832

### FOLDING DOOR HINGES

Single pivot cup hinge, to be clicked in. Zinc die-cast.

- opening angle: 180 degrees.

- stepped adjustment of point-of-rotation shift: 0 - 3 - 6mm.

assembly

number

**356978**

screw-on

46787

## DRILL-IN HINGES

### DRILL-IN HINGES Intermat Soft 9943

Fast-assembly hinge. Nickel-plated steel. Self-closing hinge with Power Control (adjustable spring force), snap-on assembly, clearance and integrated overlay adjustment.

- For door thickness 15mm. and over.
- Opening angle: 110 degrees.
- Cup diameter: 35mm.
- Depth adjustment: +/- 1.5mm.
- Height adjustment: +/- 2mm. via mounting plate.

construction	number	assembly
overlay	72938	screw-on
half overlay	72941	screw-on
inset	72944	screw-on
overlay	72939	press-in
half overlay	72942	press-in
inset	72945	press-in

356850  
356853  
356856  
356851  
356854  
356857

### DRILL-IN HINGES Intermat Soft 9943 Flash

Fast-assembly hinge. Nickel-plated steel. Self-closing hinge with Power Control (adjustable spring force), snap-on assembly, clearance and integrated overlay adjustment.

- Construction: with expansion taps.
- For door thickness 15mm. and over.
- Opening angle: 110 degrees.
- Cup diameter: 35mm.
- Depth adjustment: +/- 1.5mm.
- Height adjustment: +/- 2mm. via mounting plate.

construction	number	assembly
overlay	72121	press-in Flash
half overlay	72122	press-in Flash
inset	72123	press-in Flash

356859  
356860  
356861

### DRILL-IN HINGES Intermat Soft 9943 FIX

Toolless assembly. Nickel-plated steel. Self-closing hinge with Power Control (adjustable spring force), snap-on assembly, clearance and integrated overlay adjustment.

- Construction: toolless cup assembly.
- For door thickness 15mm. and over.
- Opening angle: 110 degrees.
- Cup diameter: 35mm.
- Depth adjustment: +/- 1.5mm.
- Height adjustment: +/- 2 mm. via mounting plate.

construction	number	assembly
overlay	75982	toolless with taps
half overlay	75983	toolless with taps
inset	75984	toolless with taps

356910  
356912  
356914





### DRILL-IN HINGES Intermat Soft 9943 For Blum serial drilling machines

Fast-assembly hinge for Blum drilling template. Nickel-plated steel. Self-closing hinge with Power Control (adjustable spring force), snap-on assembly, clearance and integrated overlay adjustment.

- Construction: screw-on.
- For door thickness 15mm. and over.
- Opening angle: 110 degrees.
- Cup diameter: 35mm.
- Depth adjustment: +/- 1.5mm.
- Height adjustment: +/- 2mm. via mounting plate.
- For Blum serial drilling machines.

**356852**
**356855**
**356858**

construction	number	assembly
overlay	72940	screw-on
half overlay	72943	screw-on
inset	72946	screw-on



### DRILL-IN HINGES Lamp Stainless steel

Easily adjustable drill-in hinges, entirely made of stainless steel 304. For 14mm. overlay doors.

item

**356790**
**356795**

drill-in hinge  
mounting plate



### DRILL-IN HINGES Intermat 9956

Wide-angled fast-assembly hinge. Nickel-plated steel. Self-closing hinge with Power Control (adjustable spring force), snap-on assembly, clearance and integrated overlay adjustment.

- For door thickness 15mm. and over.
- Opening angle: 165 degrees.
- Cup diameter: 35mm.
- Depth adjustment: +/- 1.5mm.
- Height adjustment: +/- 2mm. via mounting plate.

**356864**
**356867**

construction	number	assembly
overlay	72948	press-in
half overlay	72962	press-in



### DRILL-IN HINGES Intermat 9956 FIX

Wide-angled fast-assembly hinge. Nickel-plated steel. Self-closing hinge with Power Control (adjustable spring force), snap-on assembly, clearance and integrated overlay adjustment.

- Construction: toolless cup assembly.
- For door thickness 15mm. and over.
- Opening angle: 165 degrees.
- Cup diameter: 35mm.
- Depth adjustment: +/- 1.5mm.
- Height adjustment: +/- 2mm. via mounting plate.

**356915**
**356916**

construction	number	assembly
overlay	77660	toolless with taps
half overlay	77666	toolless with taps

### DRILL-IN HINGES Intermat 9956 Flash

Wide-angled fast-assembly hinge. Nickel-plated steel. Self-closing hinge with Power Control (adjustable spring force), snap-on assembly, clearance and integrated overlay adjustment.

- Construction: toolless cup assembly.
- For door thickness 15mm. and over.
- Opening angle: 165 degrees.
- Cup diameter: 35mm.
- Depth adjustment: +/- 1.5mm.
- Height adjustment: +/- 2mm. via mounting plate.

construction	number	assembly
overlay	72124	press-in Flash

356842

### ADJUSTMENT SCREWS For Intermat 9956

Intermat 9956 drill-in hinges have a standard opening angle of 165 degrees. This adjustment screw allows opening angle to be reduced to 120 degrees. Measure: M5 x 14mm.

number

356868

79791

### DRILL-IN HINGES Intermat 9936

Fast-assembly hinge. Nickel-plated steel. Self-closing hinge with Power Control (adjustable spring force), snap-on assembly, clearance and integrated overlay adjustment.

- For profile doors to 32mm.
- Opening angle: 95 degrees.
- Cup diameter: 35mm.
- Depth adjustment: +/- 1.5mm.
- Height adjustment: +/- 2mm. via mounting plate.

construction	number	assembly
overlay	73913	screw-on
half overlay	73917	screw-on
inset	73921	screw-on

356871

356872

356874

### DRILL-IN HINGES Intermat 9935

Fast-assembly hinge. Nickel-plated steel. Self-closing hinge with Power Control (adjustable spring force), snap-on assembly, clearance and integrated overlay adjustment.

- For profile doors to 43mm.
- Opening angle: 95 degrees.
- Cup diameter: 40mm.
- Depth adjustment: +/- 1.5mm.
- Height adjustment: +/- 2mm. via mounting plate.

construction	number	assembly
overlay	73925	screw-on
half overlay	73926	screw-on
inset	73927	screw-on

356876

356878

356881





**357020**  
**357021**  
**357022**  
**357023**  
**357024**  
**357025**

### **MOUNTING PLATES For Intermat / Ecomat hinges 5.4mm slotted holes for height adjustment**

Screw-on model, nickel-plated steel.

- 32mm serial drilling.
- 5.4mm slotted holes for height adjustment.

height	number
0mm	72983
1.5mm	72984
3mm	72985
5mm	72986
8mm	72987
11mm	77946



**357027**  
**357028**  
**357030**

### **MOUNTING PLATES For Intermat / Ecomat hinges for 5 x 7.5mm drilling diameter**

Screw-on model, nickel-plated steel.

- 32mm serial drilling.
- pre-mounted locating pegs.
- asymmetrically positioned screws.
- for 5 x 7.5mm drilling diameter.
- slotted holes for height adjustment.

height	number
1.5mm	79277
3mm	78926
8mm	79279



**357031**  
**357032**  
**357033**  
**357034**  
**357035**

### **MOUNTING PLATES For Intermat / Ecomat hinges for 5 x 12mm drilling.**

Screw-on model, nickel-plated steel.

- 32mm serial drilling.
- pre-mounted locating pegs.
- for 5 x 12mm drilling.
- slotted holes for height adjustment.

height	number
0mm	79374
1.5mm	79375
3mm	79376
5mm	79377
8mm	79378



**357040**  
**357041**  
**357042**  
**357043**  
**357044**

### **MOUNTING PLATES For Intermat / Ecomat hinges eccentric height adjustment.**

Screw-on model, nickel-plated steel.

- 32mm serial drilling.
- 3.5mm chipboard screws for mounting directly.
- eccentric height adjustment.

height	number
0mm	79331
1.5mm	79332
3mm	79333
5mm	79334
8mm	79335

## MOUNTING PLATES For Intermat / Ecomat hinges 5mm. drilling.

Screw-on model, nickel-plated steel.

- 32mm serial drilling.
- direct fixing with countersunk euro screws.
- eccentric height adjustment.
- 5mm. drilling.

height	number
0mm	79336
1.5mm	79337
3mm	79338
5mm	79339
8mm	79340

357045  
357046  
357047  
357048  
357049

## DRILL-IN HINGE ACCESSORIES

### DIRECT FIXING SCREWS

Euro screws for direct fixing of Quadro (among others) and drill-in hinges in serial drilling.

measure	head type	material
6.3 x 11.5mm	countersunk crosshead	np steel
6.3 x 13.0mm	countersunk crosshead	np steel
6.3 x 14.0mm	countersunk crosshead	np steel

356280  
356278  
356282

### ANGLE SPACER PLATES for Intermat hinges

Plastic. To be fastened with 4mm. or 4.5mm. chipboard screws.

To be used exclusively in combination with the following mounting plates: 357020 / 357021 / 357022 / 357023 / 357024 / 357025

angle	number
5 degrees	79349
10 degrees	79350

357014  
357015

### DISTANCE SPACER PLATES for Intermat hinges

Plastic. To be fastened with 4mm. or 4.5mm. chipboard screws.

To be used exclusively in combination with the following mounting plates: 357020 / 357021 / 357022 / 357023 / 357024 / 357025

thickness	number
3mm	79323
5mm	79324
10mm	79325

357011  
357012  
357013

### COVER CAPS for Intermat hinges

Nickel-plated steel. Also available in black plastic, e.g. with company name printed on it. When ordered with name, minimum order quantity is a 1000.

number
72937

356920



Art. nr.



356922  
356923

### COVER CAPS

For 35mm. drilling diameter. Plastic.

colour	number
white	25204
black	71832



### GLASS DOOR HINGES

#### GLASS DOOR HINGES Intermat 9904

Glass door hinge. Black plastic. Self-closing hinge for glass doors, snap-on assembly and integrated overlay adjustment.

- for glass thickness from 4 - 6.5mm
- opening angle: 95 degrees.
- 26mm diameter drilling in glass door.
- cup diameter: 35mm.
- depth adjustment: +/- 1.5mm.
- height adjustment: +/- 2mm. via mounting plate.

356892  
356894  
356896

construction	number	assembly
overlay	72960	screw-on
half overlay	72967	screw-on
inset	72968	screw-on



353850

### MOUNTING SCREWS

Use for glass thickness from 5,5mm.

number
69611



356493  
356495

### DECORATIVE CAPS for Intermat 9904 glass door hinges Type A

Type A.

material	number
brass polished chrome	40341
brass satin nickel-plated	70712



356494  
356496

### DECORATIVE CAPS for Intermat 9904 glass door hinges Type B

Type B.

material	number
brass polished chrome	40495
brass satin nickel-plated	70713

### GLASS DOOR HINGES ET 150

Glass door hinge. For inset glass doors. Requires 3mm. gap top and bottom and 2.8mm. gap at the side.

- maximum glass thickness: 6mm.
- opening angle: 105 degrees.
- maximum door height: 1000mm.
- maximum door width: 500mm.
- mounted to glass plate with a clamping screw.
- no drilling in glass plate required.

item	number	material	tensile force
hinge	20870	satin nickel-plated	-
catch	20873	black plastic	0,7 - 1,1kg
handle left	-	-	-
handle right	-	-	-

353820  
372035  
384321  
384322

### GLASS DOOR HINGES ET 5150

Glass door hinge with spring. For inset glass doors. Requires 2.2mm. gap top and bottom, 2mm. gap at the side.

- maximum glass plate thickness: 6.3mm.
- opening angle: 170 degrees.
- maximum door height: 1000mm.
- maximum door width: 600mm.
- mounted to glass plate with a clamping screw.
- no drilling in glass plate required.

item	number	material
hinge	24908	satin nickel-plated

353825

### GLASS DOOR HINGES ET 5150Z

Glass door hinge with spring. For inset glass doors. Requires 2mm. gap at the side.

- maximum glass plate thickness: 6.3mm.
- opening angle: 180 degrees.
- mounting by drilling 11mm to the glass plate
- use in combination with ET5150 due to higher doors dan 1000mm.

item	number	material
hinge	69934	satin nickel-plated

353845

### GLASS DOOR HINGES ET 5160

Glass door hinge with spring. For overlay glass doors. Requires 3.3mm. gap top and bottom, 11.5mm. gap at the side.

- maximum glass plate thickness: 6.3mm.
- opening angle: 170 degrees.
- maximum door height: 1000mm.
- maximum door width: 600mm.
- mounted to glass plate with a clamping screw.
- no drilling in glass plate required.

item	number	material
hinge	30866	satin nickel-plated

353829





**353733**  
**353734**  
**353735**

## CONCEALED HINGES

### CONCEALED HINGES Sepa

For doors, windows and flaps. Brass.

- opening angle: 180 degrees.

- with rounded flaps for machine countersinking, router cutter diameter: 18mm.

size	number
18 x 41mm	31174
18 x 52mm	31175
18 x 88mm	31176



**353706**  
**353707**  
**353708**  
 353709  
 353710  
 353711

### CONCEALED HINGES Excellent

Type: Excellent. Brass.

diameter	drill-in depth	number
10.0mm	11.0mm	31168
12.0mm	13.5mm	31169
14.0mm	15.5mm	31170
16.0mm	16.5mm	31171
18.0mm	17.5mm	31172
24.0mm	25.0mm	31173



**353740**

### CONCEALED HINGES Stabilo 72

Type: Stabilo 72. Length: 50mm. Width: 14mm. Depth: 19mm. Material: zamac.

material	number
nickel-plated	31177



353730

### CONCEALED HINGES Stabilo 75

Type: Stabilo 75. Length: 33mm. Width: 11mm. Depth: 14mm. Material: plastic, and brass nickel-plated hinge arm

colour	number
white	42339



**353760**

### CONCEALED HINGES Niro 66

Type: Niro 66. Length: 85mm. Width: 25mm. Depth: 28mm.

material

plastic with stainless steel front plate and hinge arms.



**353780**

### CONCEALED HINGES Vici

Vici. Very stable. Nickel-plated steel.

length x width x depth	type
82 x 15 x 20mm	Vici 1207

### CONCEALED HINGES Lamp

Lamp. Zamac chrome-plated casing with stainless steel hinge parts.

	length	width	depth
<b>353790</b>	43mm	11mm	13mm
<b>353792</b>	70mm	16mm	23mm
<b>353794</b>	100mm	20mm	28mm

### CONCEALED CABINET HINGES Easy on

To be screwed on the back. Galvanized steel. Spring-operated, "easy on".

material

<b>356110</b>	nylon spring casing
<b>356111</b>	heavy duty construction with nylon spring casing

### FLAP HINGES

#### FLAP HINGES brass polished, heavy duty, cast.

Brass polished. Heavy duty. Cast.

size open

<b>358320</b>	100 x 25 x 3mm
<b>358322</b>	150 x 35 x 4mm
<b>358323</b>	200 x 35 x 4mm

#### FLAP HINGES brass, light-weight construction, cast.

Brass. Light-weight construction. Cast.

size open

<b>358317</b>	150 x 30 x 4mm
---------------	----------------

#### FLAP HINGES stainless steel, moulded with bent rim

Stainless steel. Moulded with bent rim.

size

<b>358340</b>	150mm (75 x 75 x 30 x 1)
<b>358342</b>	105mm (75 x 30 x 30 x 1.1 short plate)

#### FLAP HINGES stainless steel polished, cast

Stainless steel polished. Cast.

size open

<b>358335</b>	105 x 28 x 4,5mm
<b>358336</b>	150 x 28 x 5mm

#### FLAP HINGES chromium plated brass

Chromium plated brass.

size

<b>353371</b>	98 x 26 x 4mm
<b>353372</b>	151 x 30 x 4mm



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353365

**FLAP HINGES moulded flat, with rounded endings**

Moulded flat. With rounded endings.

size open	pin housing	material
30 x 90 x 2.0mm	8mm	SS



358348  
358349

**FLAP HINGES broad design, cast stainless steel, polished**

Broad design. Cast stainless steel. Polished.

size
75 x 38 x 5mm
100 x 38 x 5mm



353373

**FLAP HINGES chromium plated brass 60 x 32mm**

Chromium plated brass.

size
60 x 32mm



358350  
358352

**FLAP HINGES stainless steel, rolled construction**

Stainless steel, rolled construction.

type	size open
10046	80 x 80 x 37 x 1.5mm
10043	80 x 30 x 37 x 1.5mm



358025  
358026  
358029

**T-HINGES**

**T-HINGES brass polished**

Brass polished. These T-hinges are available from the manufacturer in brass polished chrome as well.

door plate	window frame plate
150 x 35mm	100 x 35mm
200 x 40mm	120 x 45mm
350 x 45mm	120 x 45mm



358020  
358021

**T-HINGES stainless steel 304**

Stainless steel 304.

size	door plate
8	200 x 35 x 3mm
12	300 x 35 x 3mm



358370  
358372

**HATCH HINGES**

**HATCH HINGES 32x100x1.25mm / 60x90x1.25mm**

Stainless steel. Top button. No screw holes.

size	pin housing
32 x 100 x 1.25mm	7.0mm
60 x 90 x 1.25mm	7.0mm

**HATCH HINGES 135x58mm**

Chromium plated brass. With a support of 40mm.

size

**353370**

135 x 58mm

**HATCH HINGES 34x28x6mm**

Chromium plated brass. One-sided M4. 180 degree turning.

size

353376

34 x 28 x 6mm

**HATCH HINGES 70x65x3mm**

Chromium plated brass. Opening 180 degree. Two-sided M4. Bottom button.

size

**353378**

70 x 65 x 3mm

**HATCH HINGES 39x65x3mm**

Chromium plated brass. One-sided M4. 180 degree turning. Top button. Mounting 90 degree-angle.

size

**353379**

39 x 65 x 3mm

**HATCH HINGES 70x160x3.00mm**

Stainless steel. Top button. No screw holes. With nylon bushes and rounded corners.

size

pin housing

**350058**

70 x 160 x 3.00mm

13.0mm

**HATCH HINGES 60x160x3mm**

Entirely flat, yet 180 degree rotation. Cone-shaped design.

size

material

353359

60 x 160 x 3mm

SS 316

**HATCH HINGES 100x36mm**

Entirely flat, yet 180 degree rotation.

size

material

**353367**

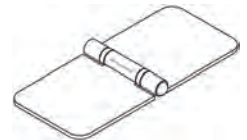
100 x 36

SS with screwholes

**353368**

100 x 36

SS one side M4

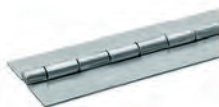




**355020**  
**355025**  
**355032**  
**355040**  
**355050**  
**355051**



**355120**  
**355125**  
**355132**  
**355140**  
**355141**  
**355150**  
**355151**



**355251**



**322600**  
**322602**  
**322603**  
**322601**

## PIANO HINGES

When ordering 100 lengths or more, we can supply piano hinges in any width or thickness from the manufacturer. We also supply aluminium piano hinges with or without holes according to your own design.

### PIANO HINGES brass with brass pin

Brass with brass pin. Rolled construction. Available standard length: 3.5m. Order per metre.

width x thickness when open	screw holes
20 x 0.8mm	yes
25 x 0.8mm	yes
32 x 0.8mm	yes
40 x 0.8mm	yes
50 x 1.0mm	yes
50 x 1.5mm, 3mm pin	no

### PIANO HINGES stainless steel with stainless steel pin

Stainless steel with stainless steel pin. Rolled construction. Available standard length: 3.5m. Order per metre .

width x thickness when open	screw holes
20 x 0.8mm	yes
25 x 0.8mm	yes
32 x 0.8mm	yes
40 x 0.8mm	yes
50 x 1.0mm	yes
50 x 1.5mm, 3mm pin	no
50 x 2.0mm, 6mm pin	no

### PIANO HINGES steel with brass pin

Steel with brass pin. No screw holes. Rolled construction. Available standard length: 2m. Order per metre.

width x thickness when open	pin diameter
50 x 2.0mm	5mm

## SCREWS for piano hinges

Yellow galvanized with small countersunk head with crosshead.

measure	material
3.0 x 15	yellow galvanized
3.0 x 15	SS
3.0 x 20	SS
3.0 x 20	yellow galvanized

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