

# FITTINGS FOR TOUGHENED GLASS INTERNAL DOORS

MEDIO STUDIO JUNIOR







# CONTENTS





**STUDIO RONDO** 10 – 21



**STUDIO CLASSIC** 22 – 29



**STUDIO GALA** 30 – 37



JUNIOR OFFICE 38-45





SPEZIAL HINGES ACCESSORIES 60 - 72

### FITTINGS FOR TOUGHENED GLASS INTERNAL DOORS OFFERING UNLIMITED POSSIBILITIES FOR YOU TO CHOOSE

No matter where you are thinking of installing internal glass doors; regardless of door design, door size or door type – locks, levers, hinges and accessories will meet all your technical, aesthetic and budget requirements.

## Simple glass preparation, firm fixing

DORMA-Glas has long experience with constructional glass, and has developed the fittings so that the glass preparation is reduced to the quick and easy drilling of a few holes. The carefully thought out design provides maximum clamping area and optimum clamping action.

#### **Reliable operation**

Quality materials and robust construction are their own guarantee of an unsurpassed standard of durability and reliability.

#### Restricted use in swimming

pools, saunas and brine baths Due to chemicals (e. g. chlorine) that may occur in the air of swimming pools, saunas and brine baths the fittings are as a rule not suitable for use in such environments. If you intend to realise an application such as this nevertheless, we will be pleased to advise you further.

Features
Door weight, max. kg
Door width, max. mm
Frame depth, standard, mm
Lock and latch types
Low-noise "whisper" functionality (Whisper latch = latch head partially plastic-sheated / damped latch motions)
Adjustable lever handle follower $+/-1^{\circ}$ for avoidance of "lever handle sag" droop
Non-locking latch
Non-locking latch, with levers forward
Prepared for Europrofile cylinder
External compliance approval to DIN EN 12209
Public building type DIN 18 251, Class 3
Prepared for KABA
Warded lever lock with nightlatch function
Warded lever lock without nightlatch function
Bathroom lock function
Strike box for double doors
Lock designs
With follower for door levers without roses
For door levers with roses
Hinge designs
For frame pivots
With frame pivot for aluminium frame
With frame pivot for timber frame
With frame pivot for steel frame
For project doors
For fixing to side panels
Page
William Provide the contract of the set

\*depending on the used door hinge

#### Studio locks according to DIN 18 251, class 3 with regard to type-test

Extract from DIN 18 251, class 3: Type-test with 200,000 latch and 50,000 locking bolt operating cycles.

# Office locks comply to the current DIN EN 12209

(designed for use in public buildings) Moreover these locks were tested successfully by a neutral testing institute with 500,000 latch and 100,000 locking bolt operating cycles. Further information see page 48.

MEDIO	Studio Rondo	Studio Classic	Studio Gala	Junior Office	Junior Office	Special hinges
					Classic	
*	45	45	45	55, 60, 70	55, 60, 70	55
*	1000	1000	1000	1000, 1200	1000, 1200	
*	24	24	24	24, 40	24, 40	24, 40
				•	•	
	-			-	-	
				•	•	
•	•	•	•	•	•	
	•	•	•			
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	•	•	•	•	•	
				•	•	
	•					
6	10	22	30	38	46	60

### MEDIO

#### Unobtrusive restraint. The MEDIO lock is small but perfectly formed. With its graceful straight lines, it blends in unobtrusively with any glass design.

Lock MEDIO	<b>Door rails</b>
8	65 – 67
Frame pivots	<b>Door bolts/Accessories</b>
35	67 – 68
Strike plates/Profile cylinder	<b>Mounting of door closers</b>
35	69 – 70
Applications	Finishes and colours
9	71
<b>Hinges</b> 17 – 20, 28, 34, 43 – 45, 51 – 53	

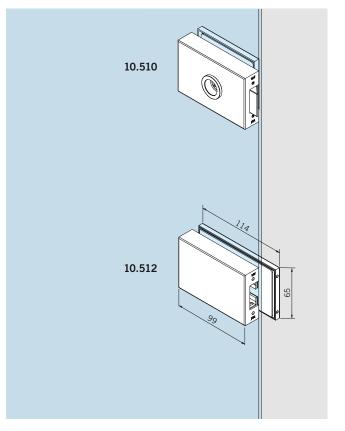
Special hinges 62–64



### LOCKS WITH FOLLOWER

According to DIN 18251, class 3, according to type testing (see page 4 – 5)

Locks for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.



Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm  $\emptyset$  follower, max. 8 mm long.

The hinges can be combined with hinges of one's one choice (ARCOS Studio, ARCOS Office, Studio Rondo, Studio Classic, Studio Gala, Junior Office und Junior Office Classic).

#### MEDIO lock,

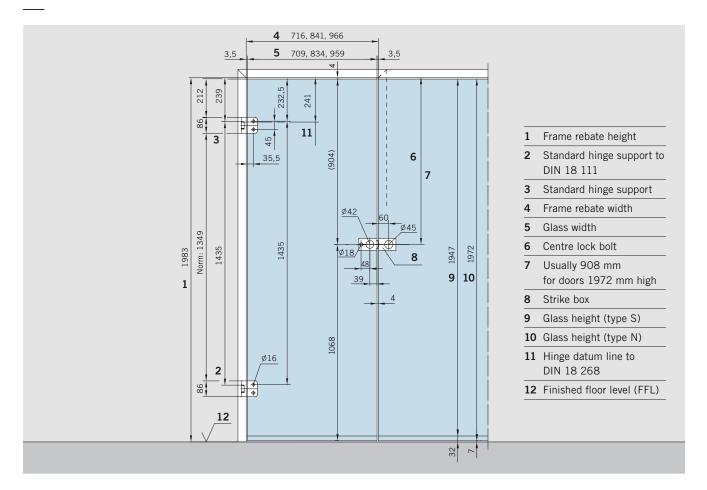
non-locking Art. No. 10.510 Weight in kg: alumin. 0.840

#### MEDIO strike box,

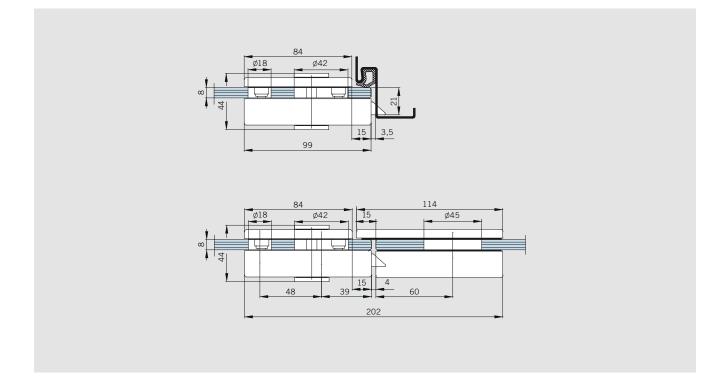
short for pairs of doors **Art. No. 10.512** Weight in kg: alumin. 0.610

Sets of levers see pages 21, 29, 34

## CONSTRUCTION DIMENSIONS FOR FRAME PIVOTS (as to page 35)



### SECTION MEDIO



### STUDIO RONDO

Studio Rondo have a charm and neatness in their simple, uncluttered lines that serve to enhance the inherent beauty and character of tempered glass doors. The extended colour options provide a wide range of creations. Lock Studio Rondo 12 - 16

**Hinges** 17 – 20

Sets of levers 21

Frame pivots 35

**Strike plates / Profile cylinder** 35

Applications 36 – 37 Special hinges 62 - 64

**Door rails** 65 – 67

Door bolts/Accessories 67 – 68

 $\begin{array}{l} \textbf{Mounting of door closers} \\ 69-70 \end{array}$ 

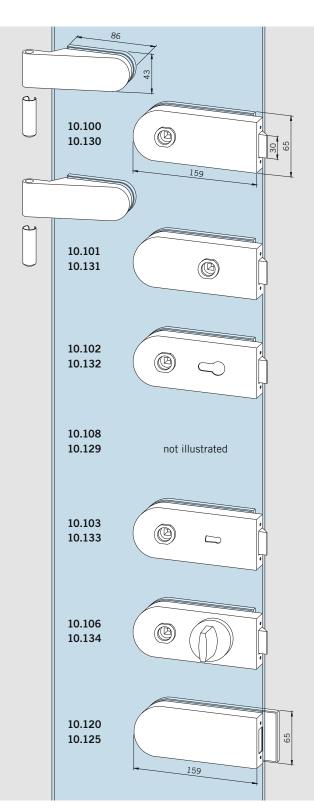
Finishes and colours 71



# COMPLETE DOORSETS FOR 8 AND 10 MM GLASS THICKNESS, LOCKS WITH FOLLOWER

Locks acc. to DIN 18251, class 3, according to type testing (see page 4 – 5).

Door weight max. 45 kg, door width max. 1000 mm. Rebate depth 24 mm (for 8 mm glass thickness), 26 mm (for 10 mm glass thickness)



Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm  $\emptyset$  follower, max. 8 mm long.

Hinges also to suit doors with no over-rebate and prepared for rebate depth  $28-40\ {\rm mm}$  see page 14 and following.

Lock with 2 hinges, non-locking lock, hinges with sleeves, extended colour options

Lock with 2 hinges, non-locking lock for lever forward,

for lever forward, hinges with sleeves, extended colour options

#### Lock with 2 hinges,

lock prepared for Europrofile cylinder, nightlatch function, hinges with sleeves, extended colour options

#### Lock with 2 hinges,

lock prepared for KABA, nightlatch function, hinges with sleeves, extended colour options

Lock with 2 hinges,

lever lock, nightlatch function, 2 keys supplied, hinges with sleeves, extended colour options

Lock with 2 hinges, WC-toilet door, hinges with sleeves, extended colour options

**Strike box with 2 hinges,** for pairs of doors, hinges with sleeves, extended colour options 8 mm glass thickness Art. No. 10.100 10 mm glass thickness Art. No. 10.130 Weight in kg: alumin. 1.580 brass 2.485

8 mm glass thickness Art. No. 10.101 10 mm glass thickness Art. No. 10.131 Weight in kg: alumin. 1.625 brass 2.505

8 mm glass thickness Art. No. 10.102 10 mm glass thickness Art. No. 10.132 Weight in kg: alumin. 1.565 brass 2.465

8 mm glass thickness Art. No. 10.108 10 mm glass thickness Art. No. 10.129 Weight in kg: alumin. 1.563

8 mm glass thickness Art. No. 10.103 10 mm glass thickness Art. No. 10.133 Weight in kg: alumin. 1.630 brass 2.530

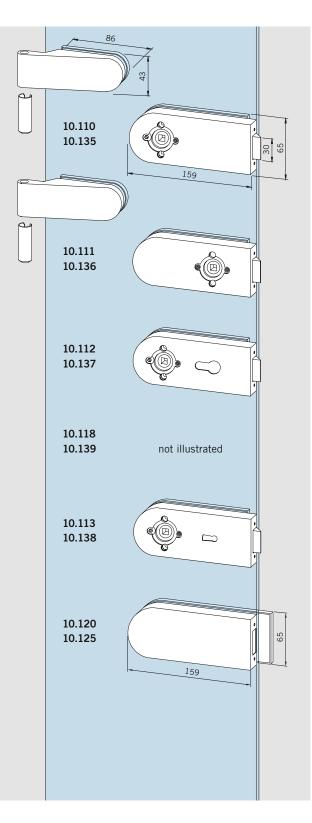
8 mm glass thickness Art. No. 10.106 10 mm glass thickness Art. No. 10.134 Weight in kg: alumin. 1.745 brass 2.755

8 mm glass thickness Art. No. 10.120 10 mm glass thickness Art. No. 10.125 Weight in kg: alumin. 1.380 brass 2.295

# COMPLETE DOORSETS FOR 8 AND 10 MM GLASS THICKNESS, LOCKS FOR LEVERS WITH ROSES

Locks acc. to DIN 18251, class 3, according to type testing (see page 4 - 5).

Door weight max. 45 kg, door width max. 1000 mm. Rebate depth 24 mm (for 8 mm glass thickness), 26 mm (for 10 mm glass thickness)



Hinges also to suit doors with no over-rebate and prepared for rebate depth 28 - 40 mm see page 14 and following.

Lock with 2 hinges, non-locking lock, hinges with sleeves 8 mm glass thickness Art. No. 10.110 10 mm glass thickness Art. No. 10.135 Weight in kg: alumin. 1.580

Lock with 2 hinges, non-locking lock for lever forward, hinges with sleeves

Lock with 2 hinges, lock prepared for Europrofile cylinder, nightlatch function, hinges with sleeves

Lock with 2 hinges, lock prepared for KABA, nightlatch function, hinges with sleeves

Lock with 2 hinges, lever lock, nightlatch function, 2 keys supplied, hinges with sleeves

Strike box with 2 hinges, for pairs of doors, hinges with sleeves Art. No. 10.135 Weight in kg: alumin. 1.580 8 mm glass thickness

8 mm glass thickness Art. No. 10.111 10 mm glass thickness Art. No. 10.136 Weight in kg: alumin. 1.585

8 mm glass thickness Art. No. 10.112 10 mm glass thickness Art. No. 10.137 Weight in kg: alumin. 1.565

8 mm glass thickness Art. No. 10.118 10 mm glass thickness Art. No. 10.139 Weight in kg: alumin. 1.563

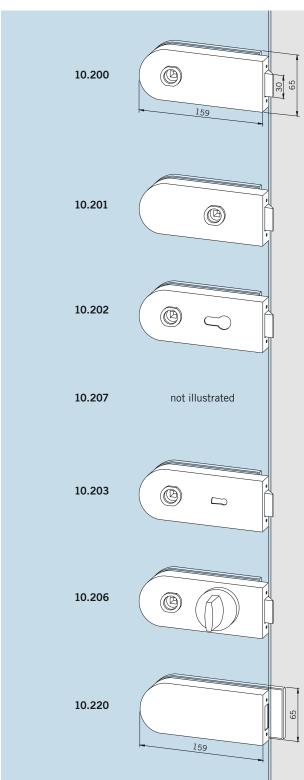
8 mm glass thickness Art. No. 10.113 10 mm glass thickness Art. No. 10.138 Weight in kg: alumin. 1.575

8 mm glass thickness Art. No. 10.120 10 mm glass thickness Art. No. 10.125 Weight in kg: alumin. 1.380

## LOCKS WITH FOLLOWER

According to DIN 18251, class 3, according to type testing (see page 4 - 5)

Locks for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.



Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm  $\varnothing$  follower, max. 8 mm long.

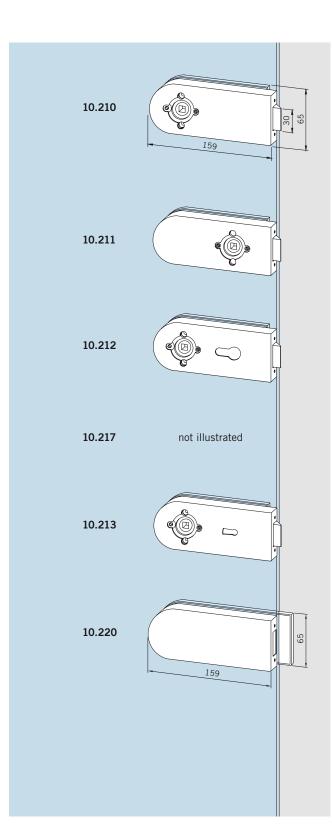
Hinges also to suit doors with no over-rebate and prepared for rebate depth  $28-40\ \text{mm}$  see page 12 and following.

<b>Lock,</b> non-locking, extended colour options	<b>Art. No. 10.200</b> Weight in kg: alumin. 0.840 brass 1.055
Lock, non-locking, with follower forward, extended colour options	<b>Art. No. 10.201</b> Weight in kg: alumin. 0.845 brass 1.055
<b>Lock,</b> prepared for Europrofile cylinder, nightlatch function, extended colour options	Art. No. 10.202 Weight in kg: alumin. 0.815 brass 1.030
Lock, prepared for KABA, nightlatch function, extended colour options	<b>Art. No. 10.207</b> Weight in kg: alumin. 0.813
Lock, lever lock, nightlatch function, 2 keys supplied, extended colour options	<b>Art. No. 10.203</b> Weight in kg: alumin. 0.850 brass 1.090
<b>Lock,</b> WC-toilet door, extended colour options	<b>Art. No. 10.206</b> Weight in kg: alumin. 1.106 brass 1.398
<b>Strike box,</b> for pairs of doors, extended colour options	<b>Art. No. 10.220</b> Weight in kg: alumin. 0.610 brass 0.903

### LOCKS FOR LEVERS WITH ROSES

According to DIN 18251, class 3, according to type testing (see page 4 - 5)

Locks for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.



Hinges also to suit doors with no over-rebate and prepared for rebate depth 28 - 40 mm see page 12 and following.

Lock,	Art. No. 10.210
non-locking, extended colour	Weight in kg: alumin. 1.580
options	brass 2.485
Lock,	Art. No. 10.211

non-locking, with follower forward, extended colour options Art. No. 10.211 Weight in kg: alumin. 1.625 brass 2.505

#### Lock,

prepared for Europrofile cylinder, nightlatch function, extended colour options

#### Art. No. 10.212 Weight in kg: alumin. 1.565 brass 2.465

Lock,

prepared for KABA, nightlatch function, extended colour options

Art. No. 10.217 Weight in kg: alumin. 0.810

Lock,

lever lock, nightlatch function, 2 keys supplied, extended colour options

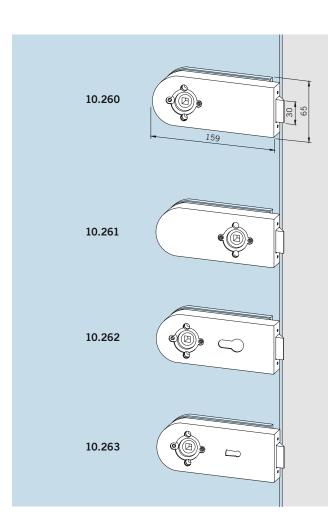
Art. No. 10.213 Weight in kg: alumin. 1.630 brass 2.530

Strike box, Art. No. 10.220 for pairs of doors, extended Weight in kg: alumin. 0.610 colour options brass 0.903

## LOCKS, PREPARED FOR D-LINE LEVERS WITH ROSES

According to DIN 18251, class 3, according to type testing (see page 4 – 5)

Locks for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.



Lever on site. Please specify exact lock type when ordering lever at your supplier and left or right hand application.

Hinges also to suit doors with no over-rebate and prepared for rebate depth  $28-40\ \text{mm}$  see page 12 and following.

Lock, non-locking, extended colour options Art. No. 10.260 Weight in kg: alumin. 0.840 brass 1.055

#### Lock,

non-locking, with follower forward, extended colour options

#### Art. No. 10.261 Weight in kg: alumin. 0.845

#### Lock,

prepared for Europrofile cylinder, nightlatch function, extended colour options

#### Art. No. 10.262

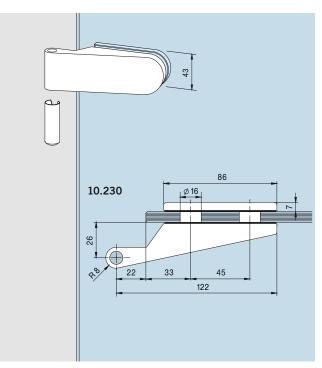
Weight in kg: alumin. 0.815 brass 1.030

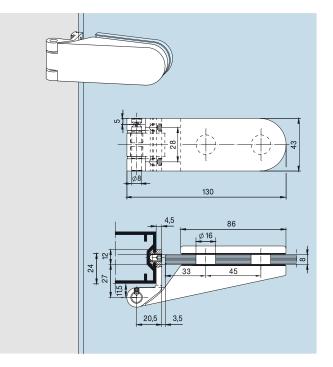
#### Lock,

lever lock, nightlatch function, 2 keys supplied, extended colour options Art. No. 10.263 Weight in kg: alumin. 0.850

### HINGES FOR 8 MM GLASS THICKNESS

#### Door width max. 1000 mm





Hinge with frame pivot, complete with sleeve, to suit rebate depth 20 mm, extended colour options door weight max. 45 kg

**Hinge with frame pivot,** complete with sleeve, to suit rebate depth 28 – 30 mm, door weight max. 38 kg

Filler piece with screws for rebate depth 31 – 39 mm, (please indicate), door weight max. 38 kg, used in combination with hinge 10.230

Hinge with frame pivot, complete with sleeve and filler piece to suit 40 mm rebate depth, door weight max. 38 kg

Hinge with frame pivot for aluminium frames, stainless steel pin, door weight max. 35 kg Art. No. 10.230 Weight in kg: alumin. 0.319 brass 0.688

Art. No. 10.233 (not illustr.) Weight in kg: alumin. 0.336 brass 0.806

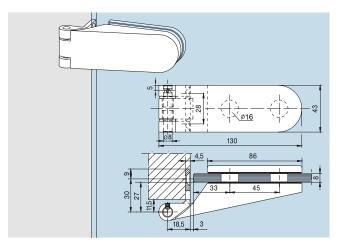
Art. No. 10.420 (not illustr.) Weight in kg: alumin. 0.144

Art. No. 10.234 (not illustr.) Weight in kg: alumin. 0.486

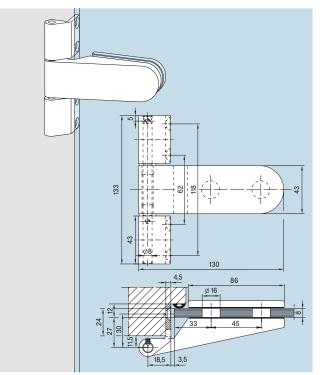
Art. No. 10.231 Weight in kg: alumin. 0.329

# HINGES FOR 8 MM GLASS THICKNESS

#### Door width max. 1000 mm



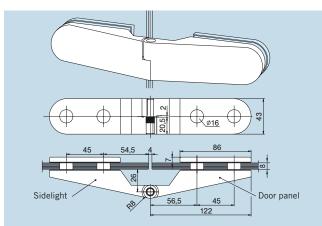
Hinge with frame pivot for wooden frames, hinge flap for mortising into frame, stainless steel pin, door weight max. 35 kg Art. No. 10.232 Weight in kg: alumin. 0.321



#### **Strengthened hinge with frame pivot for wooden frames,** hinge flap for mortising into frame, stainless steel pin, door weight max. 45 kg

Art. No. 10.235

Weight in kg: alumin. 0.433

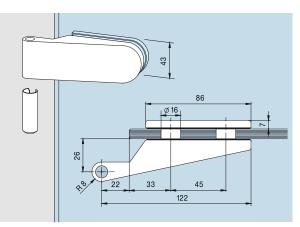


#### Hinge for mounting onto sidelight, stainless steel pin, door weight max. 35 kg

Art. No. 10.244 L (as illustr.) Art. No. 10.246 R Weight in kg: alumin. 0.557

### HINGES FOR 10 MM GLASS THICKNESS

#### Door width max. 1000 mm



#### Hinge with frame pivot,

complete with sleeve, rebate depth 26 mm, extended colour options, door weight max. 45 kg

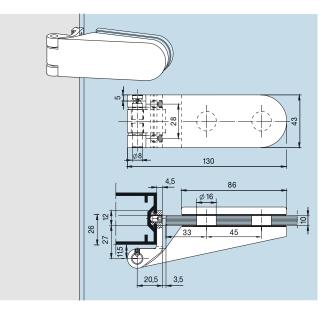
#### Art. No. 10.236

Art. No. 10.237

Weight in kg: alumin. 0.329

Weight in kg: alumin. 0.319 brass 0.688

Hinge with frame pivot for aluminium frames, stainless steel pin, door weight max. 35 kg

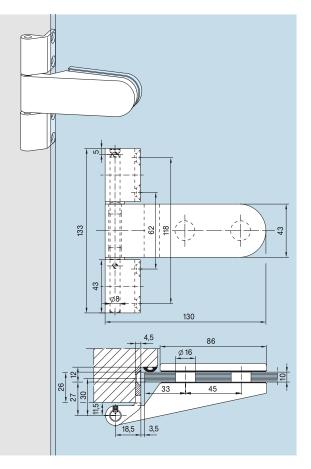


Hinge with frame pivot for wooden frames, hinge flap for mortising into frame, stainless steel pin, door weight max. 35 kg Art. No. 10.238

Weight in kg: alumin. 0.321

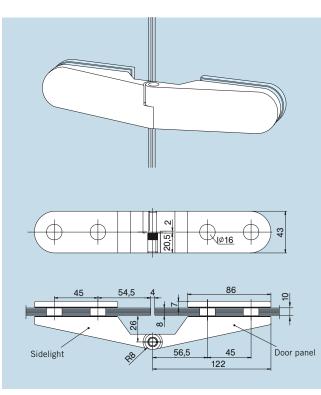
### HINGES FOR 10 MM GLASS THICKNESS

#### Door width max. 1000 mm



Strengthened hinge with frame

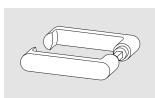
**pivot for wooden frames,** hinge flap for mortising into frame, stainless steel pin, door weight max. 45 kg Art. No. 10.239 Weight in kg: alumin. 0.433



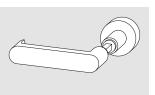
Hinge for mounting onto sidelight, stainless steel pin, door weight max. 35 kg **Art. No. 10.245** L (as illustr.) **Art. No. 10.247** R Weight in kg: alumin. 0.557

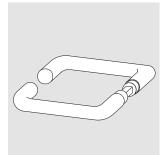
Note: Opening angle max. 100°

### SETS OF LEVERS FOR LOCKS WITH FOLLOWER



Set of levers, with flat hand part, extended colour options Art. No. 10.314 Weight in kg: alumin. 0.290 brass 0.760





Set of levers, tubular, for follower Art. No. 10.301 Weight in kg: alumin. 0.320 brass 0.450

Set of levers, tubular, for follower, with stainless steel square drive Art. No. 10.322 Weight in kg: alumin. 0.452

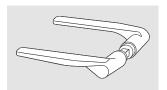


Lever and knob set,

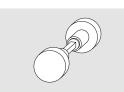
lever with flat hand part, fixed knob, for use with nightlatch function locks **Art. No. 10.304** Weight in kg: alumin. 0.270

Lever and knob set, tubular lever with free turning knob (turning without function) Art. No. 10.316 Weight in kg: alumin. 0.335

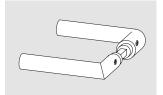
Lever and knob set, tubular lever with turning knob Art. No. 10.317 Weight in kg: alumin. 0.345



Set of levers, with cantilevered hand part Art. No. 10.300 Weight in kg: brass 0.650



Set of knobs, turning knob Art. No. 10.305 Weight in kg: alumin. 0.255



Set of levers, Junior levers – stainless steel Art. No. 11.299 Weight in kg: stainless steel 0.336



Thumbturn cylinders (WC),

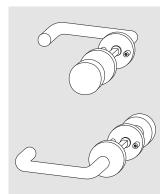
for locks prepared for Europrofile cylinder, thumbturn in aluminium, extended colour options Art. No. 10.310 Weight in kg: 0.225

### SETS OF LEVERS FOR LOCKS PREPARED FOR LEVERS WITH ROSES



Set of levers, tubular, with roses Art. No. 10.307 Weight in kg: alumin. 0.320

Set of levers, tubular, with roses, with stainless steel square drive Art. No. 10.325 Weight in kg: alumin. 0.382



Lever and knob set, tubular lever with fixed knob, with roses Art. No. 10.318 Weight in kg: alumin. 0.400

Lever and knob set, tubular lever with knob, with roses Art. No. 10.319 Weight in kg: alumin. 0.400

### STUDIO CLASSIC

Studio Classic fits perfectly into functional designed surroundings, and with its slim shape it underlines the appearance of glass interior doors. Lock Studio Classic 24 – 27

Hinges 28

Sets of levers 29

Frame pivots 35

**Strike plates / Profile cylinder** 35

69 – 70

Finishes and colours 71

Special hinges

Door bolts / Accessories

Mounting of door closers

62 - 64

**Door rails** 65 – 67

67 - 68

Applications 36 – 37

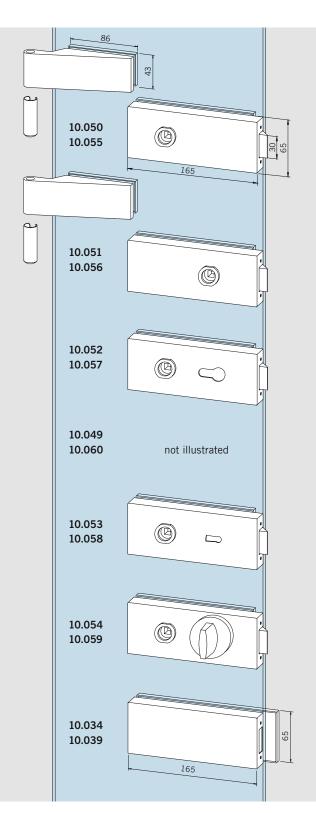
22 DORMA



# COMPLETE DOORSETS FOR 8 AND 10 MM GLASS THICKNESS, LOCKS WITH FOLLOWER

Locks acc. to DIN 18251, class 3, according to type testing (see page 4 - 5).

Door weight max. 45 kg, door width max. 1000 mm. Rebate depth 24 mm (for 8 mm glass thickness), 26 mm (for 10 mm glass thickness)



Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm  $\emptyset$  follower, max. 8 mm long.

Lock with 2 hinges, non-locking lock, hinges with sleeves 8 mm glass thickness Art. No. 10.050 10 mm glass thickness Art. No. 10.055 Weight in kg: alumin. 1.580

Lock with 2 hinges,8 mm glass thicknessnon-locking lock withArt. No. 10.051follower forward,10 mm glass thicknesshinges with sleevesArt. No. 10.056Weight in kg: alumin. 1.625

Lock with 2 hinges, lock prepared for Europrofile cylinder, nightlatch function, hinges with sleeves

Lock with 2 hinges, lock prepared for KABA, nightlatch function, hinges with sleeves

Lock with 2 hinges, lever lock, nightlatch function, 2 keys supplied, hinges with sleeves

Lock with 2 hinges, WC-toilet door, hinges with sleeves

Strike box with 2 hinges, for pairs of doors, hinges with sleeves 8 mm glass thickness Art. No. 10.052

10 mm glass thickness Art. No. 10.057 Weight in kg: alumin. 1.565

8 mm glass thickness Art. No. 10.049 10 mm glass thickness Art. No. 10.060 Weight in kg: alumin. 1.563

8 mm glass thickness Art. No. 10.053 10 mm glass thickness Art. No. 10.058 Weight in kg: alumin. 1.630

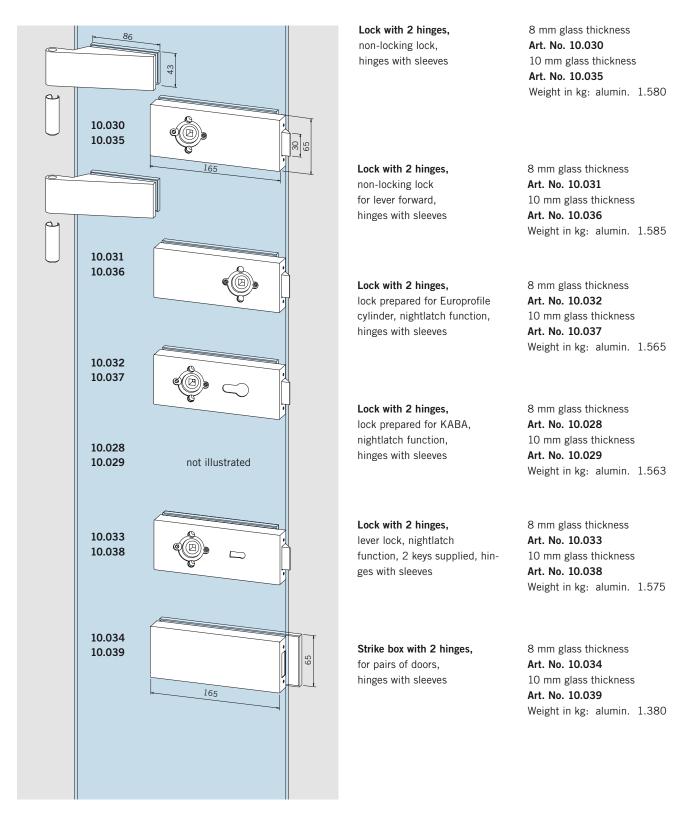
8 mm glass thickness Art. No. 10.054 10 mm glass thickness Art. No. 10.059 Weight in kg: alumin. 1.721

8 mm glass thickness Art. No. 10.034 10 mm glass thickness Art. No. 10.039 Weight in kg: alumin. 1.380

# COMPLETE DOORSETS FOR 8 AND 10 MM GLASS THICKNESS, LOCKS FOR LEVERS WITH ROSES

Locks acc. to DIN 18251, class 3, according to type testing (see page 4 – 5).

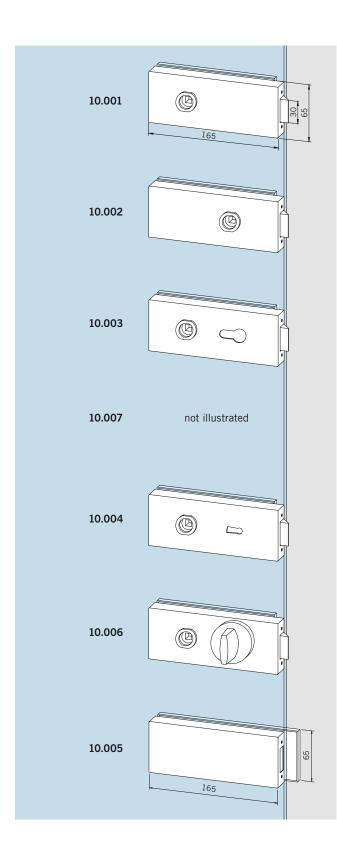
Door weight max. 45 kg, door width max. 1000 mm. Rebate depth 24 mm (for 8 mm glass thickness), 26 mm (for 10 mm glass thickness)



### LOCKS WITH FOLLOWER

According to DIN 18251, class 3, according to type testing (see page 4 – 5)

Locks for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.



Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm  $\oslash$  follower, max. 8 mm long.

Hinges see page 28.

Lock, non-locking, Art. No. 10.001 Weight in kg: alumin. 0.840

Lock, non-locking, with follower forward Art. No. 10.002 Weight in kg: alumin. 0.845

Lock, prepared for Europrofile cylinder, nightlatch function Art. No. 10.003 Weight in kg: alumin. 0.815

Lock, prepared for KABA, nightlatch function

Weight in kg: alumin. 0.813

Weight in kg: alumin. 0.850

Art. No. 10.207

Art. No. 10.004

Lock, lever lock, nightlatch function, 2 keys supplied

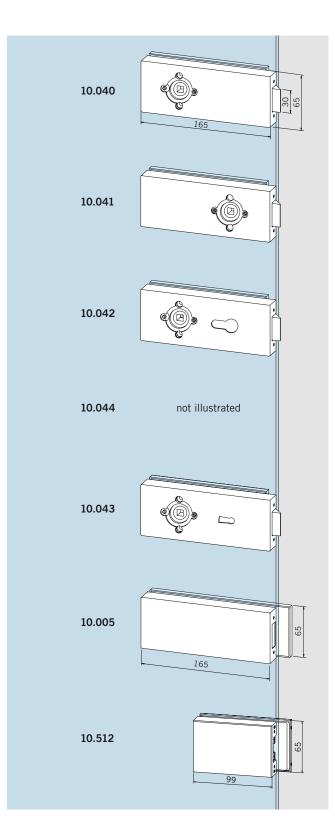
**Lock,** WC-toilet door Art. No. 10.006 Weight in kg: alumin. 1.111

Strike box, for pairs of doors Art. No. 10.005 Weight in kg: alumin. 0.610

### LOCKS FOR LEVERS WITH ROSES

According to DIN 18251, class 3, according to type testing (see page 4 - 5)

Locks for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.



Hinges see page 28.

Lock, non-locking, Art. No. 10.040 Weight in kg: alumin. 1.580

Lock, non-locking, with follower forward

Art. No. 10.041 Weight in kg: alumin. 0.845

Lock, prepared for Europrofile cylinder, nightlatch function

Art. No. 10.042 Weight in kg: alumin. 0.815

Lock, prepared for KABA, nightlatch function

Weight in kg: alumin. 0.813

Art. No. 10.044

Art. No. 10.043 lever lock, nightlatch function, Weight in kg: alumin. 0.850 2 keys supplied

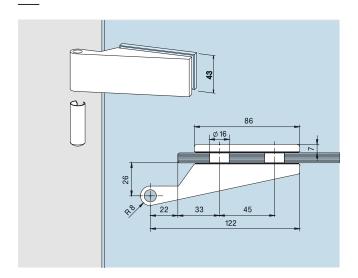
Strike box, for pairs of doors

Lock,

Art. No. 10.005 Weight in kg: alumin. 0.610

Strike box short for pairs of doors Art. No. 10.512 Weight in kg: alumin. 0.610

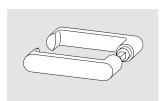
# HINGES FOR 8 MM AND 10 MM GLASS THICKNESS



Hinge with frame pivot, complete with sleeve

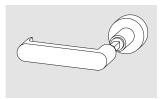
for 8 mm glass thickness, 24 mm rebate depth Art. No. 10.021 for 10 mm glass thickness, 26 mm rebate depth Art. No. 10.020 Weight in kg: alumin. 0.319

### SETS OF LEVERS FOR LOCKS WITH FOLLOWER



#### Set of levers,

with flat hand part, extended colour options Art. No. 10.314 Weight in kg: alumin. 0.290 brass 0.760

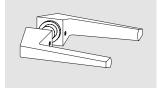


#### Lever and knob set,

Lever and knob set,

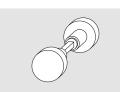
tubular lever with free

lever with flat hand part, fixed knob, for use with nightlatch function locks **Art. No. 10.304** Weight in kg: alumin. 0.270



Set of levers, with angular hand part Art. No. 10.010 Weight in kg: alumin. 0.392





turning knob (turning without function) Art. No. 10.316 Weight in kg: alumin. 0.335 Lever and knob set,

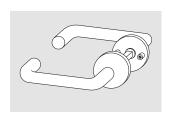
tubular lever with turning knob Art. No. 10.317 Weight in kg: alumin. 0.345

Set of knobs, turning knob Art. No. 10.305 Weight in kg: alumin. 0.255



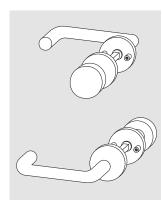
Thumbturn cylinders (WC), for locks prepared for Europrofile cylinder, thumbturn in aluminium, extended colour options Art. No. 10.310 Weight in kg: 0.225

### SETS OF LEVERS FOR LOCKS PREPARED FOR LEVERS WITH ROSES



### Set of levers,

tubular, with roses Art. No. 10.307 Weight in kg: alumin. 0.320



Lever and knob set, tubular lever with fixed knob, with roses Art. No. 10.318 Weight in kg: alumin. 0.400

Lever and knob set, tubular lever with knob, with roses Art. No. 10.319 Weight in kg: alumin. 0.400

Further sets of levers see pages 34, 43, 51.

### STUDIO GALA

Studio Gala emphasises the complete harmonic shape of locks and handles in a superior ambience.

**Lock Studio Gala** 32 – 33

Hinges 34

Sets of levers 34

Frame pivots 35

Strike plates/Profile cylinder 35

Applications 36 – 37 Special hinges 62 – 64

**Door rails** 65 – 67

Door bolts/Accessories 67 – 68

Mounting of door closers 69 - 70

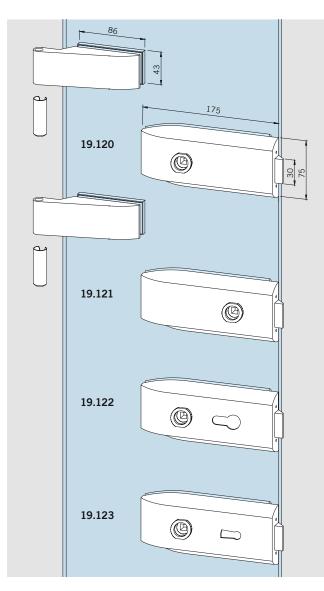
Finishes and colours 71



### COMPLETE DOORSETS FOR 8 MM GLASS THICKNESS, LOCKS WITH FOLLOWER

Locks acc. to DIN 18251, class 3, according to type testing (see page 4 - 5)

Door weight max. 45 kg, door width max. 1000 mm rebate depth 24 mm (for 8 mm glass thickness)



354 75 Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm  $\varnothing$  follower, max. 8 mm long.

Lock with 2 hinges,
non-locking lock,
hinges with sleeves

Art. No. 19.120 Weight in kg: alumin. 1.920

brass 2.660

Lock with 2 hinges, non-locking lock with follower forward, hinges with sleeves

Art. No. 19.121 Weight in kg: alumin. 1.880 brass 2.645

Lock with 2 hinges, lock prepared for Europrofile cylinder, nightlatch function, hinges with sleeves

Art. No. 19.122 Weight in kg: alumin. 1.915 brass 2.660

Lock with 2 hinges, lever lock, nightlatch function, 2 keys supplied, hinges with sleeves

#### Art. No. 19.123 Weight in kg: alumin. 1.965 brass 2.700

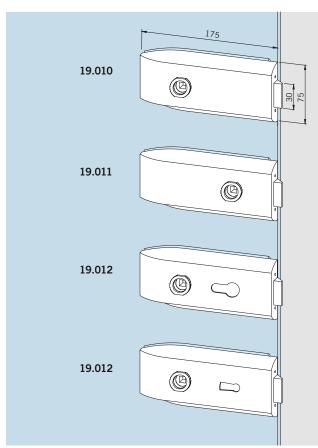
brass 4.214

Art. No. 19.111 Doorset for pairs of doors, consisting of: Weight in kg: alumin. 3.200 Lock without free glass edge, levers forward, strike box, 4 hinges with sleeves, door bolt and door catch

### LOCKS WITH FOLLOWER

According to DIN 18251, class 3, according to type testing (see page 4 - 5)

Locks for 8 mm glass thickness / 24 mm rebate depth



354

Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm  $\varnothing$  follower, max. 8 mm long. Hinges see page 34.

<b>Lock,</b> non-locking	Art. No. 19.0 Weight in kg:	 0.690 0.972
<b>Lock,</b> non-locking, with follower forward	Art. No. 19.0 Weight in kg:	 0.679 0.957
<b>Lock,</b> prepared for Europrofile cylinder, nightlatch function	<b>Art. No. 19.0</b> Weight in kg:	 0.690 0.972
Lock, lever lock, nightlatch function, 2 keys supplied	<b>Art. No. 19.0</b> Weight in kg:	 0.718 1.012

# Locks with follower, without free glass edge, with angle stulp bracket for 2 panel system with strike boxes

Not illustrated:	Art. No. 19.015
Lock,	Weight in kg: alumin. 0.723
non-locking	brass 1.020
Lock,	<b>Art. No. 19.008</b>
non-locking,with follower	Weight in kg: alumin. 0.723
forward	brass 1.005
Not illustrated: Lock, prepared for Europrofile cylinder, nightlatch function	<b>Art. No. 19.016</b> Weight in kg: alumin. 0.723 brass 1.020
Not illustrated: Lock, lever lock, nightlatch function,	<b>Art. No. 19.017</b> Weight in kg: alumin. 0.763

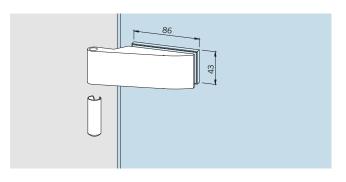
2 keys supplied

1.060

brass

## HINGES

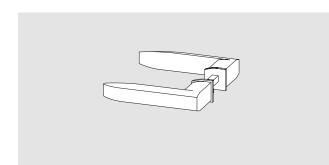
Door weight max. 45 kg, door width max. 1000 mm rebate depth 24 mm



Hinge with frame pivot, complete with sleeve

Art. No. 19.005 Weight in kg: alumin. 0.342

## SETS OF LEVERS



Set of levers

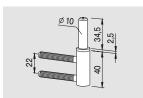
Art. No. 19.009 Weight in kg: alumin. 0.350

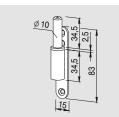
Further sets of levers see pages 29, 34, 43, 51.

STRIKE PLATES

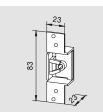
### FRAME PIVOTS

### 34.5 40 2.5 2.5











Frame pivot for steel frames,with extra enhanced pivot pinfor Studio hinges, zinc platedsteel, plastic coated pivot pinArt. No. 10.423Weight in kg:0.078

Frame pivot for wooden frames, with extra enhanced pivot pin for Studio hinges, zinc plated steel, plastic coated pivot pin Art. No. 10.424 Weight in kg: 0.090

Screw-on frame pivot, with extra enhanced pivot pin for Studio hinges, zinc plated steel, plastic coated pivot pin Art. No. 10.407 Weight in kg: 0.094

 Push-on sleeve
 for frame pivots

 Art. No. 10.400, 10.404,
 10.407

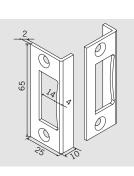
 Art. No. 10.408
 Veight in kg: alumin. 0.002

 brass
 0.006

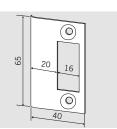
Frame pocket for steel frame, zinc plated steel Art. No. 10.406 Weight in kg: 0.073

Frame pocket for wooden frame, zinc plated steel Art. No. 10.405

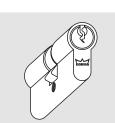
Weight in kg: 0.060



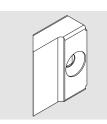
Corner strike plate Art. No. 10.401 Weight in kg: alumin. 0.008



### PROFILE CYLINDER



### SPECIAL LATCH



Strike plate Art. No. 10.421 Weight in kg: s/s 0.019

Strike plate Art. No. 10.422 Weight in kg: brass 0.022

#### Corner strike plate

with 16 mm side piece Art. No. 10.411 Weight in kg: alumin. 0.008

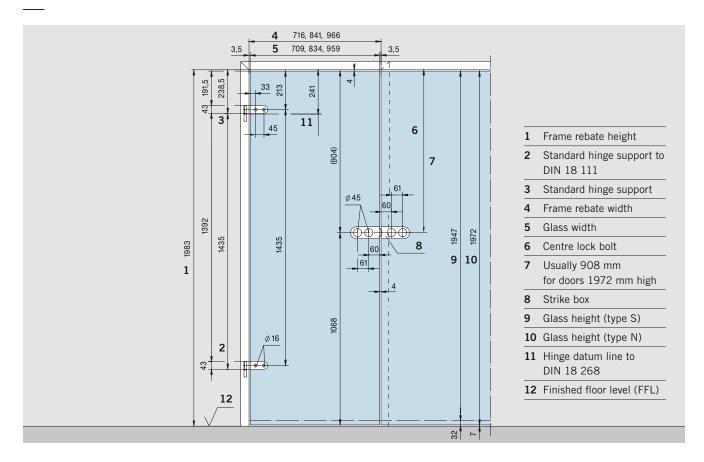
Profile cylinder, length 61 mm, differently keyed, with DORMA Logo Art. No. 05.001

Profile cylinder,

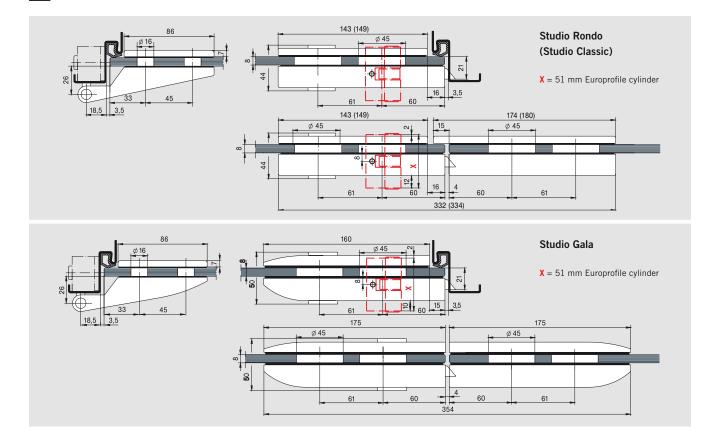
length 61 mm, equally keyed, with DORMA Logo Art. No. 05.002

#### Single latch for Austrian norm frames and for the combination of 10 mm glass with a 24 mm frame depth, usable for Studio Rondo, Classic, Gala and ARCOS Art. No. 10.066

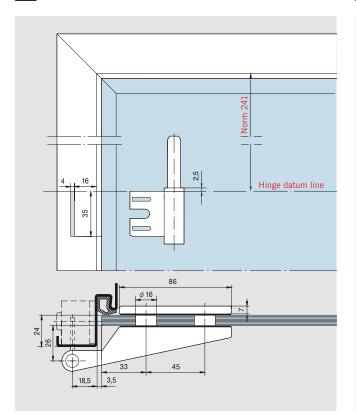
### CONSTRUCTION DIMENSIONS FOR FRAME PIVOTS (as to page 35)



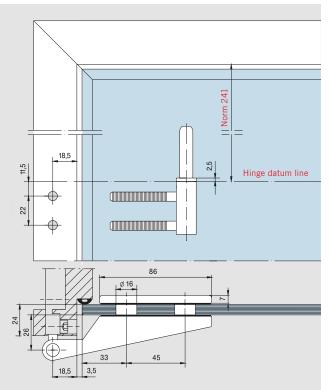
## SECTION STUDIO RONDO/CLASSIC, STUDIO GALA



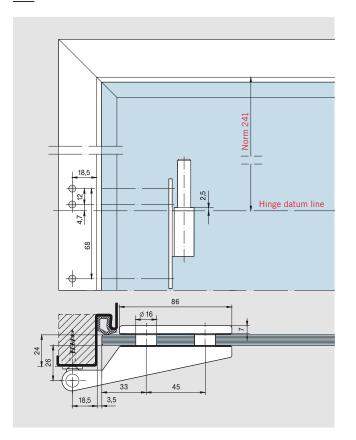
## FRAME PIVOTS FOR STEEL FRAMES

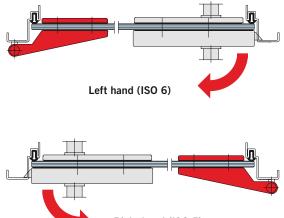


## FRAME PIVOTS FOR WOODEN FRAMES



# SCREW ON FRAME PIVOT





Right hand (ISO 5)

## JUNIOR OFFICE

Designed for demanding specifications, the accessories in the Junior Office range will give reliable service in busy environments. The range of locks, levers and hinges is wide enough to offer plenty of scope for design opportunities. Lock Junior Office 40 – 42

Sets of levers 43

**Hinges** 43 - 45

Strike plate Profile cylinder Frame pivots 54 – 55

Applications 56 – 59 **Special hinges** 62 - 64

**Door rails** 65 – 67

Door bolts/Accessories 67 – 68

Mounting of door closers 69 - 70

Finishes and colours 71

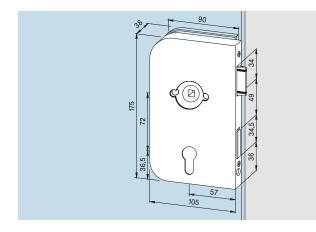


# TECHNICAL FEATURES

- Lock insert with low-noise "whisper" functionality as standard. The whisper latch (study metal latch – partially plastics-sheathed and damped latch motions for noise minimisation) satisfy particularly high expectations, including the requirements of government agencies and public authorities.
- Adjustable lever handle follower +/-1°, patent pending, for avoidance of "lever handle sag" (droop). Further on a special selfadjusting clamp follower holds the lever handle perfectly secure.
- The fully closed lock case provides optimum protection for the internal components which themselves are of rugged unit construction.
- Locks comply to the current DIN EN 12209. They are designed for use in public buildings.
- Moreover these locks were tested successfully by a neutral testing institute with 500,000 latch and 100,000 locking bolt operating cycles.
- Special versions of the fitting manufactured in high-grade corrosion-resistant materials are available for wet room applications.

## LOCKS FOR LEVERS WITH ROSES

#### Complying to the current DIN EN 12209



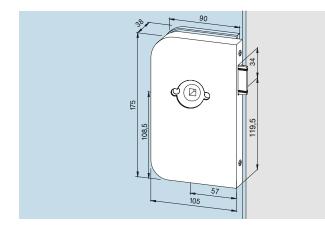
Locks supplied as standard for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp. Hinges page 53 - 55 (also to suit doors with no over-rebate and rebate depth 25 - 40 mm)

#### Lock,

prepared for Europrofile cylinder, nightlatch function, extended colour options, also available in brass or stainless steel Art. No. 11.200 L (as illustr.) Art. No. 11.201 R Weight in kg: alumin. 1.214 brass 1.542 stainless steel 1.505

#### Lock,

prepared for Europrofile cylinder, nightlatch function, lock corrosion-resistant Art. No. 11.210 L (as illustr.) Art. No. 11.211 R Weight in kg: alumin. 1.230



Lock,

non-locking, extended colours options, also available in stainless steel Art. No. 11.212 L (as illustr.) Art. No. 11.213 R Weight in kg: alumin. 1.210 stainless steel 1.368

Art. No. 11.242 L (as illustr.)

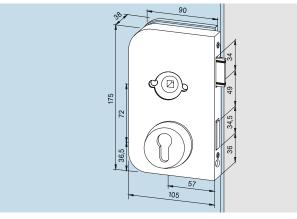
Weight in kg: alumin. 1.200

Art. No. 11.228 L (as illustr.)

Weight in kg: alumin. 1.214

Art. No. 11.243 R

Art. No. 11.229 R



# 90

#### lever lock, without nightlatch function, 2 keys supplied, also available in stainless steel

prepared for Europrofile cylinder,

nightlatch function, cylinder rose

prepared for Europrofile cylinder, nightlatch function, cylinder roses

on both sides, extended colour options, also availbale in brass

on lock side, extended colour options, also availabe in brass

Lock,

Lock,

Lock,

Not illustrated: Lock, prepared for KABA, nightlatch function

Lock, bathroom lock function

Lock, bathroom lock function, lock corrosion resistant **Art. No. 11.202** L (as illustr.) **Art. No. 11.203** R Weight in kg: alumin. 1.115

stainless steel 1.383

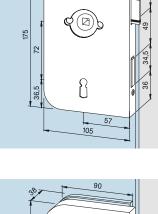
Art. No. 11.240 L Art. No. 11.241 R Weight in kg: alumin. 1.075

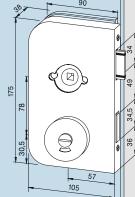
Art. No. 11.204 L (as illustr.) Art. No. 11.205 R Weight in kg: alumin. 1.040

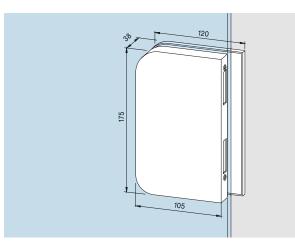
Art. No. 11.214 L (as illustr.) Art. No. 11.215 R Weight in kg: alumin. 1.210

## Strike box,

for pairs of doors, extended colour options, also available in brass Art. No. 11.206 L (as illustr.) Art. No. 11.207 R Weight in kg: alumin. 1.019 brass 1.420 stainless steel 1.335



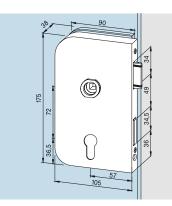


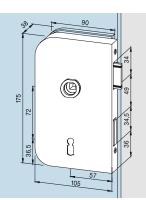


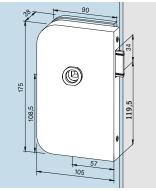
# LOCKS WITH FOLLOWER

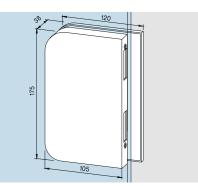
#### Complying to the current DIN EN 12209

Locks supplied as standard for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.









Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm  $\phi$  follower, max. 8 mm long.

Hinges page 53 – 55 (also to suit doors with no over-rebate and rebate depth 25 – 40 mm)

Lock,

prepared for Europrofile cylinder, nightlatch function, extended colour options, also available in brass or stainless steel

#### Art. No. 11.260 L (as illustr.) Art. No. 11.261 R Weight in kg: alumin. 1.165 brass 1.598 stainless steel 1.445

#### Lock,

lever lock, without nightlatch function, 2 keys supplied, also available in stainless steel

Not illustrated:

Lock, prepared for KABA, without nightlatch function, 2 keys supplied, also available in stainless steel

Lock,

non-locking, also available in stainless steel

Art. No. 11.262 L (as illustr.) Art. No. 11.263 R Weight in kg: alumin. 1.115 stainless steel 1.383

Art. No. 11.266 L Art. No. 11.267 R Weight in kg: alumin. 1.113 stainless steel 1.378

Art. No. 11.264 L (as illustr.) Art. No. 11.265 R Weight in kg: alumin. 1.040 stainless steel 1.290

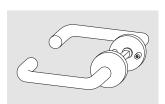
#### Strike box,

for pairs of doors, extended colour options, also available in brass

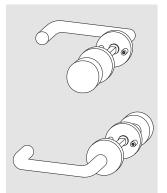
Art. No. 11.206 L (as illustr.) Art. No. 11.207 R Weight in kg: alumin. 0.945 brass 1.488 stainless steel 1.335

Lever and knob set,

## SETS OF LEVERS



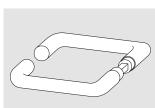
Set of levers, tubular, with roses Art. No. 10.307 Weight in kg: alumin. 0.320



Lever and knob set, tubular lever with fixed knob, with roses Art. No. 10.318 Weight in kg: alumin. 0.400

Lever and knob set, tubular lever with knob, with roses Art. No. 10.319 Weight in kg: alumin. 0.400





Art. No. 10.316 Weight in kg: alumin. 0.335 Lever and knob set,

tubular lever with free turning

knob (turning without function)

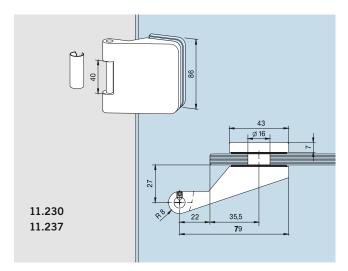
tubular lever with turning knob Art. No. 10.317 Weight in kg: alumin. 0.345

Set of levers, tubular, for follower Art. No. 10.301 Weight in kg: alumin. 0.320 brass 0.450

Further sets of levers see pages 29, 34, 43, 51.

## HINGES FOR / WITH FRAME PIVOTS

For 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp., max. door width 1000 mm



# \* Finish satin stainless steel (700), not usable with screw-on frame pivot 11.405 (page 65)

\*\* Finish satin stainless steel (700), not usable with screw-on frame pivot 11.406 (page 65)

#### Hinge for frame pivot,

complete with sleeve, zinc plated steel pin, door weight max. 55 kg

Hinge for frame pivot, complete with sleeve, stainless steel pin, to be used in damp environments, door weight max. 55 kg

Not illustrated: **Hinge for frame pivot,** complete with sleeve, to suit rebate depth 25 – 39 mm, door weight max. 45 kg,

Not illustrated: **Hinge for frame pivot,** complete with sleeve, to suit rebate depth 40 mm, door weight max. 45 kg

Not illustrated:

Hinge for frame pivot, complete with sleeve and ball bearing, door weight max. 60 kg, also available in brass or stainless steel

#### Art. No. 11.230\* Weight in kg: alumin. 0.358

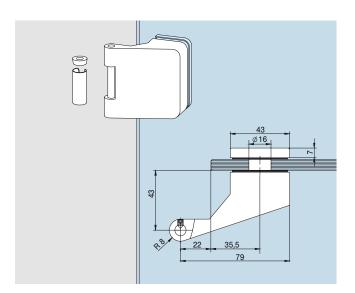
brass 0.787

Art. No. 11.237 Weight in kg: alumin. 0.360

Art. No. 11.245 Weight in kg: alumin. 0.530

Art. No. 11.238 Weight in kg: alumin. 1.111

Art. No. 11.234\*\* Weight in kg: alumin. 0.385 brass 0.792 stainless steel 0.493

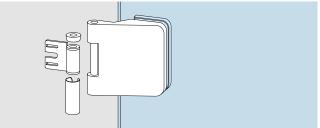


#### Hinge for frame pivot,

complete with sleeve, to suit rebate depth 40 mm with steel ball bearing, door weight max. 45 kg

#### Art. No. 11.244

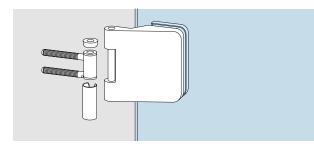
Weight in kg: alumin. 1.100



#### Hinge with frame pivot for steel frames, complete with sleeve, steel ball bearing, door weight max. 60 kg, also available in brass or stainless steel

#### Art. No. 11.231

Weight in kg: alumin. 0.423 brass 0.830 stainless steel 0.525

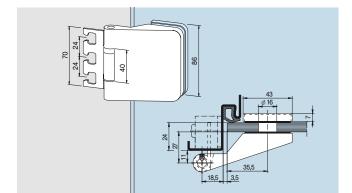


#### Hinge with frame pivot

for wooden frames with sleeve, steel ball bearing, door weight max. 60 kg, also available in brass or stainless steel

#### Art. No. 11.232

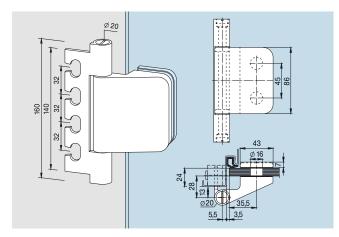
Weight in kg: alumin. 0.407 brass 0.840 stainless steel 0.505



#### Hinge with frame pivot for steel frames

with 120 mm type frame pocket, complete with sleeve, steel ball bearing, door weight max. 60 kg, also available in brass or stainless steel Art. No. 11.247

Weight in kg: alumin. 0.435 brass 0.851 stainless steel 0.539



Hinge for project doors,

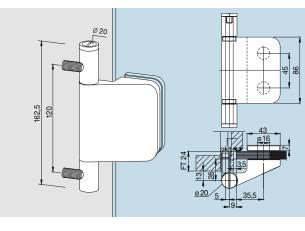
with 160 mm type frame pocket (mating portion VN 7608/160 3D or VZK 060-1/3), stainless steel pin, plastic slide bearing door weight max. 70 kg, door width max. 1200 mm

Not illustrated: do. for 40 mm rebate depth Art. No. 11.233 Weight in kg: alumin. 0.519

Art. No. 11.340 door weight max. 45 kg

Hinge for project doors

with frame pivot for wooden frames, zinc plated frame pivots, zinc plated steel pin, plastic slide bearing, door weight max. 70 kg, door width max. 1200 mm Art. No. 11.298\* Weight in kg: alumin. 0.596



Hinge with frame pivot for wooden frames, hinge flap for mortising into frame, zinc plated steel pin, plastic bushing,

door weight max. 55 kg,

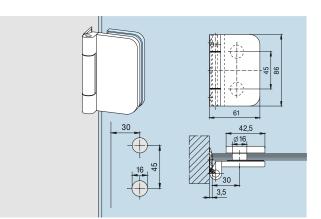
door width max. 1000 mm Art. No. 11.239 Weight in kg: alumin. 0.425

Hinge with frame pivot

for non-rebated frames, hinge flap for screwing onto frame, stainless steel pin, plastic bushing, door weight max. 40 kg, door width max. 1000 mm

\* Note: Consider separate frame processing

Art. No. 12.050 Weight in kg: alumin. 0.205



## JUNIOR OFFICE CLASSIC

Junior Office Classic convince with timeless classic design. Engineered for high frequented doors, they achieve a large stress capacity. The numerous types fulfill variable requirements. Lock Junior Office Classic 48 – 50

Sets of levers

**Hinges** 51 - 53

Strike plate Profile cylinder Frame pivots 54

Applications 56 – 59 **Special hinges** 62 – 64

**Door rails** 65 – 67

Door bolts / Accessories 67 – 68

Mounting of door closers 69 - 70

Finishes and colours 71



# TECHNICAL FEATURES

- Lock insert with low-noise "whisper" functionality as standard. The whisper latch (study metal latch – partially plastics-sheathed and damped latch motions for noise minimisation) satisfy particularly high expectations, including the requirements of government agencies and public authorities.
- Adjustable lever handle follower +/-1°, patent pending, for avoidance of "lever handle sag" (droop). Further on a special selfadjusting clamp follower holds the lever handle perfectly secure.
- The fully closed lock case provides optimum protection for the internal components which themselves are of rugged unit construction.
- Locks comply to the current DIN EN 12209. They are designed for use in public buildings.
- Moreover these locks were tested successfully by a neutral testing institute with 500,000 latch and 100,000 locking bolt operating cycles.
- Special versions of the fitting manufactured in high-grade corrosion-resistant materials are available for wet room applications.

## LOCKS FOR LEVERS WITH ROSES

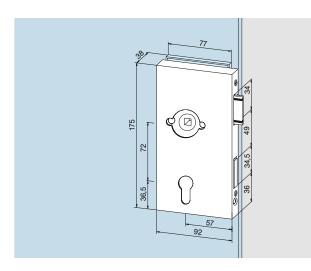
#### Complying to the current DIN EN 12209

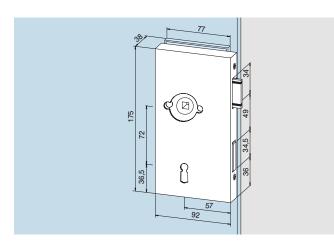
Locks supplied as standard for 8 mm glass thickness / 24 mm rebate depth,

10 mm glass thickness / 26 mm rebate depth resp. Hinges page 62 (also to suit doors with no over-rebate and rebate depth 25 - 40 mm)



public building type, prepared for Europrofile cylinder, nightlatch function Art. No. 11.270 L (as illustr.) Art. No. 11.271 R Weight in kg: alumin. 1.165



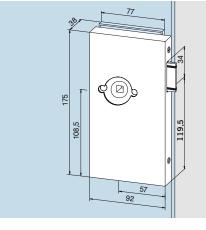


Lock, locking lever, nightlatch function, 2 keys supplied

Not illustrated: Lock, prepared for KABA, with nightlatch function Art. No. 11.272 L (as illustr.) Art. No. 11.273 R Weight in kg: alumin. 1.115

Art. No. 11.278 L Art. No. 11.279 R Weight in kg: alumin. 1.113

**Lock,** non-locking Art. No. 11.274 L (as illustr.) Art. No. 11.275 R Weight in kg: alumin. 1.040



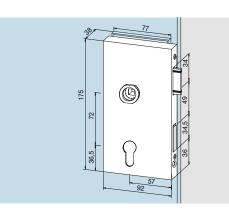
Lock, bathroom lock function Art. No. 11.276 L (as illustr.) Art. No. 11.277 R Weight in kg: alumin. 1.040

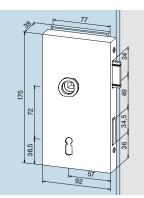
Strike box, for pairs of doors Art. No. 11.286 L (as illustr.) Art. No. 11.287 R Weight in kg: alumin. 0.945

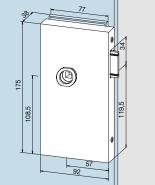
# LOCKS WITH FOLLOWER

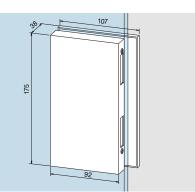
#### Complying to the current DIN EN 12209

Locks supplied as standard for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.









Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm  $\varnothing$  follower, max. 8 mm long.

Hinges page 62 (also to suit doors with no over-rebate and rebate depth  $25-40\mbox{ mm})$ 

Lock prepared for Europrofile cylinder, nightlatch function Art. No. 11.280 L (as illustr.) Art. No. 11.281 R Weight in kg: alumin. 1.165

#### Lock, lever lock, without nigl

lever lock, without nightlatch function, 2 keys supplied

Not illustrated: Lock, prepared for KABA, with nightlatch function, 2 keys supplied Art. No. 11.282 L (as illustr.) Art. No. 11.283 R Weight in kg: alumin. 1.115

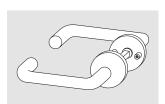
Art. No. 11.320 L Art. No. 11.321 R Weight in kg: alumin. 1.113

Lock, non-locking **Art. No. 11.284** L (as illustr.) **Art. No. 11.285** R Weight in kg: alumin. 1.040

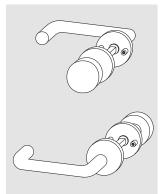
**Strike box,** for pairs of doors

Art. No. 11.286 L (as illustr.) Art. No. 11.287 R Weight in kg: alumin. 0.945

## SETS OF LEVERS



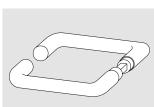
Set of levers, tubular, with roses Art. No. 10.307 Weight in kg: alumin. 0.320



Lever and knob set, tubular lever with fixed knob, with roses Art. No. 10.318 Weight in kg: alumin. 0.400

Lever and knob set, tubular lever with knob, with roses Art. No. 10.319 Weight in kg: alumin. 0.400





Lever and knob set, tubular lever with free turning knob (turning without function) Art. No. 10.316 Weight in kg: alumin. 0.335

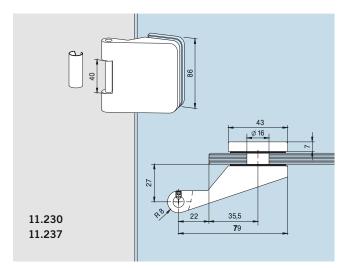
Lever and knob set, tubular lever with turning knob Art. No. 10.317 Weight in kg: alumin. 0.345

Set of levers, tubular, for follower Art. No. 10.301 Weight in kg: alumin. 0.320 brass 0.450

Further sets of levers see pages 29, 34, 43, 51.

## HINGES FOR / WITH FRAME PIVOTS

For 8 mm glass thickness/24 mm rebate depth, 10 mm glass thickness/26 mm rebate depth resp., max. door width 1000 mm



## **Hinge for frame pivot,** complete with sleeve, zinc plated

steel pin, door weight max. 55 kg

Hinge for frame pivot, complete with sleeve, stainless steel pin, to be used in damp environments, door weight max. 55 kg

Not illustrated: **Hinge for frame pivot,** complete with sleeve, to suit rebate depth 25 – 39 mm, door weight max. 45 kg,

Not illustrated: **Hinge for frame pivot,** complete with sleeve, to suit rebate depth 40 mm, door weight max. 45 kg

Not illustrated: Hinge for frame pivot,

complete with sleeve and ball bearing, door weight max. 60 kg, also available in brass or stainless steel Art. No. 11.230\* Weight in kg: alumin. 0.358 brass 0.787

Art. No. 11.237

Weight in kg: alumin. 0.360

Art. No. 11.245 Weight in kg: alumin. 0.530

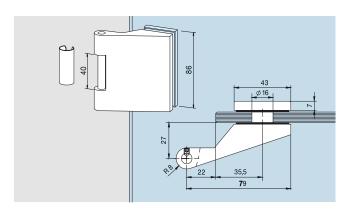
Art. No. 11.238 Weight in kg: alumin. 1.111

Art. No. 11.234\*\* Weight in kg: alumin. 0.385 brass 0.792 stainless steel 0.493

- \* Finish satin stainless steel (700), not usable with screw-on frame pivot 11.405 (page 65)
- \*\* Finish satin stainless steel (700), not usable with screw-on frame pivot 11.406 (page 65)

## HINGES FOR/WITH FRAME PIVOTS

For 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp., max. door width 1000 mm



Hinge with frame pivot, complete with sleeve, zinc plated steel pin, door weight max. 55 kg

Art. No. 11.288 Weight in kg: alumin. 0.358

Hinge for frame pivot, complete with sleeve, to suit rebate depth 40 mm, door weight max. 45 kg

Art. No. 11.295 Weight in kg: alumin. 1.111

Hinge for frame pivot, complete with sleeve and ball bearing, door weight max. 60 kg Art. No. 11.292 Weight in kg: alumin. 0.385

Hinge with frame pivot, complete with sleeve, to suit rebate depth 40 mm, with steel ball bearing, door weight max. 45 kg Art. No. 11.296 Weight in kg: alumin. 1.100

Hinge with frame pivot for steel frames, complete with sleeve, steel ball bearing, door weight max. 60 kg

Hinge with frame pivot

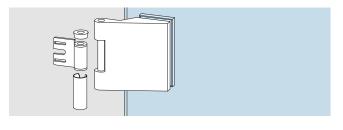
complete with sleeve, steel ball bearing, door weight max. 60 kg

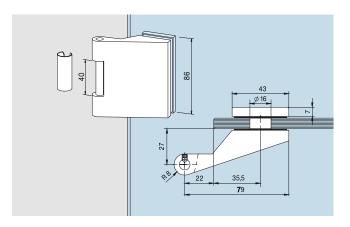
for wooden frames,

Art. No. 11.289 Weight in kg: alumin. 0.417

Weight in kg: alumin. 0.407

Art. No. 11.290



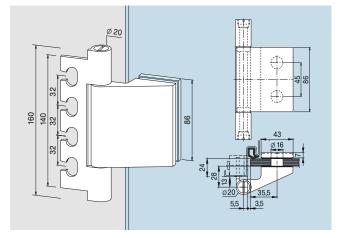


#### Hinge with frame pivot for steel frames

with 120 mm type frame pocket, complete with sleeve, steel ball bearing, door weight max. 60 kg, Art. No. 11.293 Weight in kg: alumin. 0.451

ect doors, Art. No. 11.291

Weight in kg: alumin. 0.519



#### Hinge for project doors,

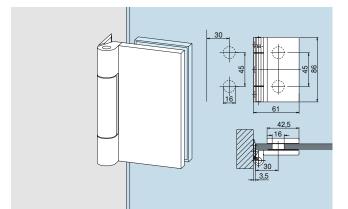
with 160 mm type frame pocket (mating portion VN 7608/160 3D or VZK 060-1/3), stainless steel pin, plastic slide bearing, door weight max. 70 kg, door width max. 1200 mm

Not illustrated: do. for 40 mm rebate depth, door weight max. 45 kg

Art. No. 11.341

Hinge with frame pivot for wooden frames, hinge flap for mortising into

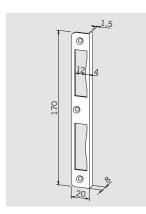
frame, zinc plated steel pin, plastic bushing, door weight max. 55 kg, door width max. 1000 mm Art. No. 11.342 Weight in kg: alumin. 0.425



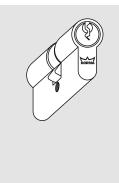
#### Hinge with frame pivot for

non-rebated frames, hinge flap for screwing onto frame, stainless steel pin, plastic bushing, door weight max. 40 kg, door width max. 1000 mm Art. No. 11.294 Weight in kg: alumin. 0.205

# CORNER STRIKE PLATE



Corner strike plate Art. No. 11.313 Weight in kg: alumin. 0.038



# PROFILE CYLINDER

#### Profile cylinder

length 61 mm, differently keyed, with DORMA Logo **Art. No. 05.001** 

Profile cylinder

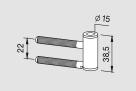
length 61 mm, equally keyed, with DORMA Logo Art. No. 05.002

# FRAME PIVOTS AND ACCESSORIES



Frame pivot for steel frames, zinc plated steel, plastic bushing Art. No. 11.309 Weight in kg: 0.040

Frame pivot for steel frames, stainless steel, plastic bushing Art. No. 11.307 Weight in kg: 0.045



Frame pivot for wooden frames,zinc plated steel,plastic bushingArt. No. 11.310Weight in kg:0.055

for steel ball bearing

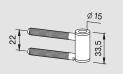


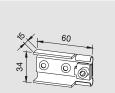
Frame pivot for steel frames, zinc plated steel, for steel ball bearing, door weight max. 60 kg Art. No. 11.235 Weight in kg: 0.035

88

Frame pocket for steel frame, zinc plated steel Art. No. 10.406 Weight in kg: 0.073

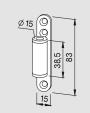
for steel ball bearing



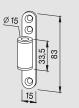


Frame pivot for wooden frames, zinc plated steel, for steel ball bearing, door weight max. 60 kg Art. No. 11.236 Weight in kg: 0.050

Frame pocket for wooden frame,zinc plated steelArt. No. 10.405Weight in kg:0.060



for steel ball bearing



Screw-on frame pivot, zinc plated steel, for steel ball bearing, plastic bushing, door weight max. 55 kg Art. No. 11.406\*\* Weight in kg: 0.046

0.047

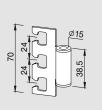
Screw-on frame pivot,

zinc plated steel,

plastic bushing, door weight max. 55 kg

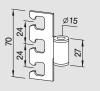
Art. No. 11.405\*

Weight in kg:



#### Frame pivot for 120 mm type frame pocket, stainless steel, door weight max. 55 kg Art. No. 11.308 Weight in kg: 0.071

for steel ball bearing



Frame pivot for 120 mm type frame pocket, stainless steel, for steel ball bearing, door weight max. 60 kg Art. No. 11.248 Weight in kg: 0.048

Ø16

#### for steel ball bearing



 Push-on sleeve

 for frame pivots

 Art. No. 11.307, 11.309,

 11.310, 11.405

 Art. No. 11.311

 Weight in kg:
 alumin. 0.002

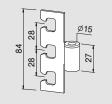
Push-on sleeve

for frame pivots Art. No. 11.235, 11.236, for steel ball bearing Art. No. 11.006 Weight in kg: alumin. 0.002

 $^{\ast}\,$  not usable with Art. No. 11.230 with

finish satin stainless steel (700) \*\*not usable with Art. No. 11.234 with finish satin stainless steel (700)

for steel ball bearing



Frame pivot for VX-frame pocket, stainless steel, plastic bushing, for all VX-mating portions,

for all VX-mating portions, door weight max. 55 kg Art. No. 11.304 Weight in kg: 0.060

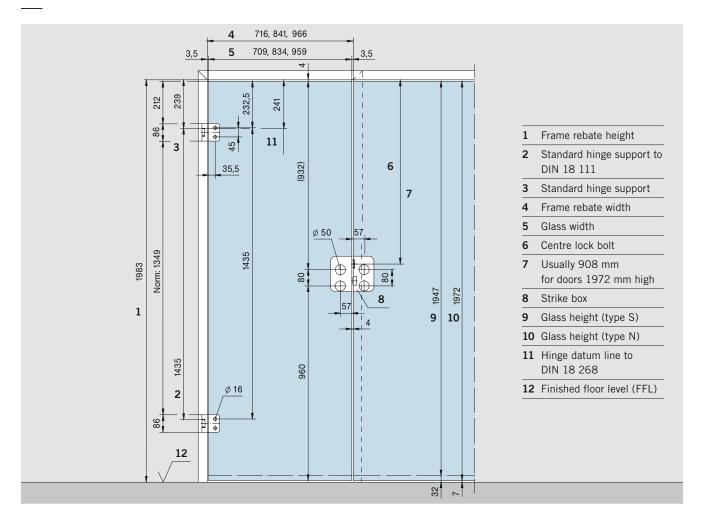
Frame pivot for VX-frame pocket, stainless steel, for steel ball bearing, for all VX-mating portions, door weight max. 60 kg Art. No. 11.305 Weight in kg: 0.050

Further accessories page 60 et sqq.

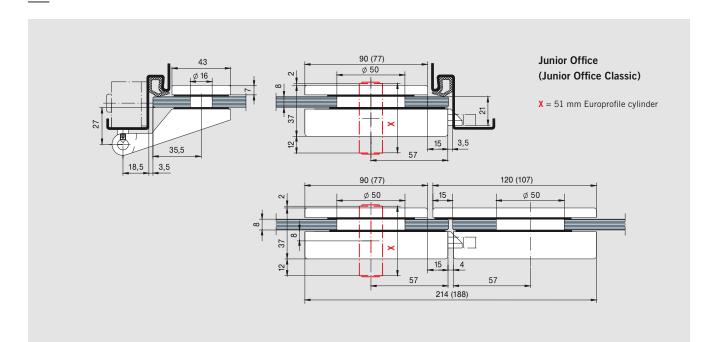
55

DORMA

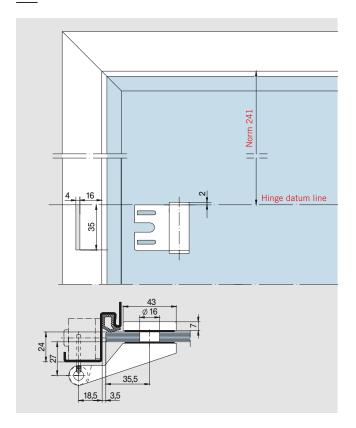
# CONSTRUCTION DIMENSIONS FOR FRAME PIVOTS (as to page 55)



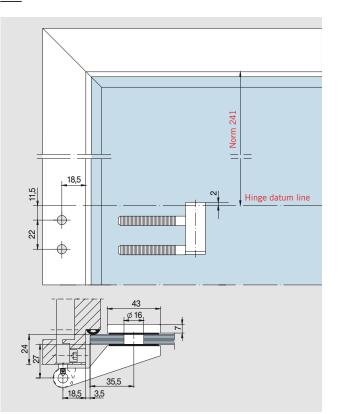
## SECTION JUNIOR OFFICE/JUNIOR OFFICE CLASSIC



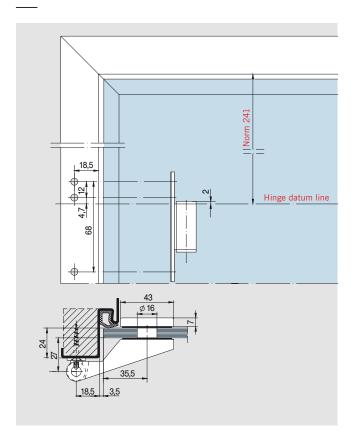
## FRAME PIVOTS FOR STEEL FRAMES

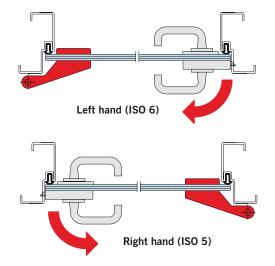


## FRAME PIVOTS FOR WOODEN FRAMES

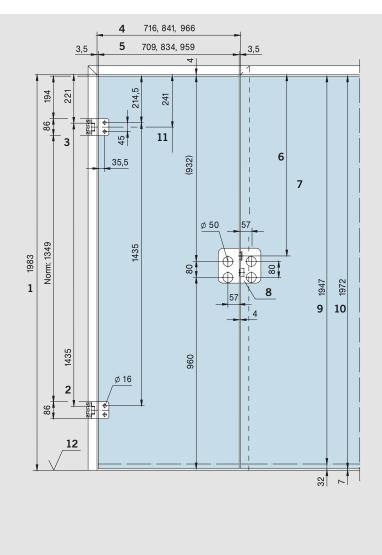


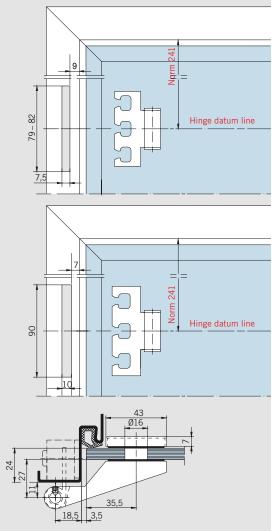
# SCREW ON FRAME PIVOT





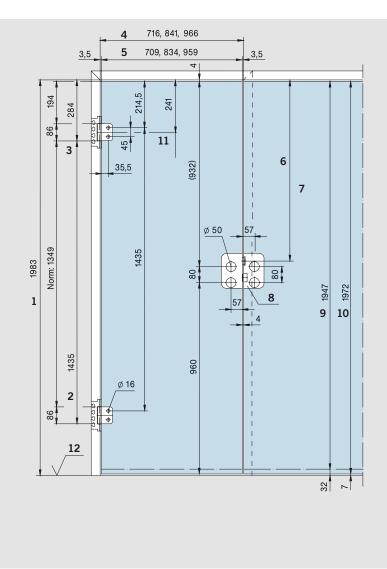
## FRAME PIVOT FOR 120 MM TYPE FRAME POCKET AND VX FRAME POCKET

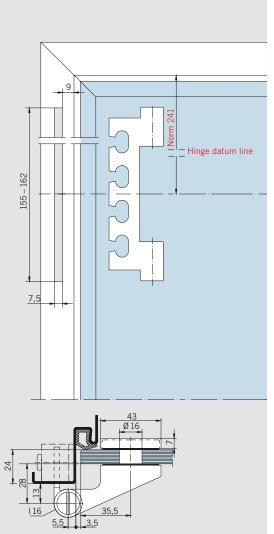




- 1 Frame rebate height
- 2 Standard hinge support to DIN 18 111
- **3** Standard hinge support
- 4 Frame rebate width
- 5 Glass width
- 6 Centre lock bolt
- **7** Usually 908 mm for doors 1972 mm high
- 8 Strike box
- 9 Glass height (type S)
- 10 Glass height (type N)
- 11 Hinge datum line to DIN 18 268
- 12 Finished floor level (FFL)

## FRAME PIVOT FOR 160 MM TYPE FRAME POCKET





- 1 Frame rebate height
- 2 Standard hinge support to DIN 18 111
- **3** Standard hinge support
- 4 Frame rebate width
- 5 Glass width
- 6 Centre lock bolt
- 7 Usually 908 mm for doors 1972 mm high
- 8 Strike box
- 9 Glass height (type S)
- 10 Glass height (type N)
- 11 Hinge datum line to DIN 18 268
- 12 Finished floor level (FFL)

## SPECIAL HINGES / ACCESSORIES

The DORMA stainless steel hinge for internal glass doors stands out for its optical features determined by function. Various special hinges also for door situations independent from rebated frames, as well as door rails and additional accessories complete the range of fittings for internal doors. Stainless steel hinge for internal glass doors 62

Special hinges 62 - 64

**Door rails** 65 – 67

Door bolts/Accessories 67 – 68

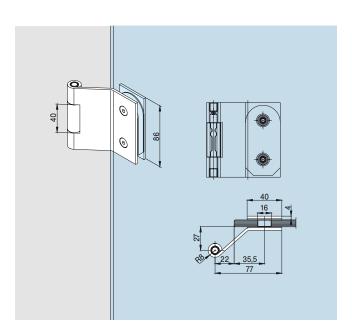
Mounting of door closers 69 – 70

Finishes and colours 71



# STAINLESS STEEL HINGE FOR INTERNAL GLASS DOORS

#### for 8 mm and 10 mm glass



For 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp., max. door width 1000 mm

Hinges meet highest corrosion resistance (EN 1670, class 4) Versions with rounded angles also available on request

Stainless steel hinge	Art. No. 11.500	
for frame pivot,	Weight in kg:	0.332
with stainless steel sleeve,		
stainless steel pin,		
door weight max. 55 kg		
Not illustrated:	Art. No. 11.502	
Stainless steel hinge	Weight in kg:	0.371
Stainless steel hinge for frame pivot,	Weight in kg:	0.371
•	Weight in kg:	0.371
for frame pivot,	Weight in kg:	0.371

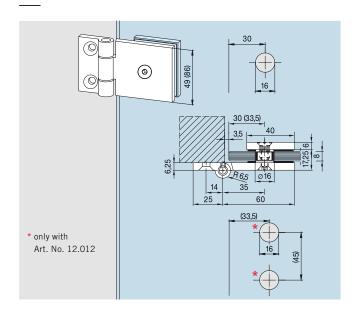
Please note:

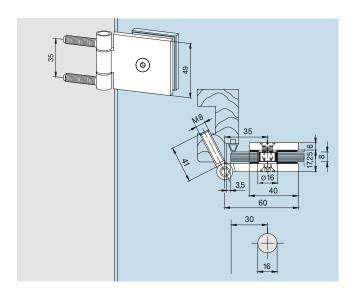
max. 45 kg

Applications / glass preparation like Junior Office and Junior Office Classic (see pages 38 – 59)

Frame pivots on pages 54 - 55.

## HINGES FOR 8 MM GLASS THICKNESS





Screw-on hinge without covers, 49 mm, stainless steel pin, plastic bushing, door weight max. 30 kg

Not illustrated: Screw-on hinge with 3 covers, 49 mm, stainless steel pin, plastic bushing, door weight max. 30 kg

Not illustrated: Screw-on hinge with cover for clamping plate, 86 mm, stainless steel pin, plastic bushing, door weight max. 45 kg

Screw-in hinge without covers, 49 mm, stainless steel pin, plastic bushing, frame pivot zinc plated steel, door weight max. 30 kg

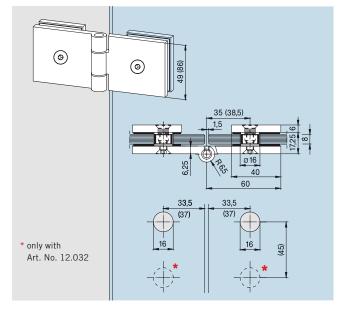
Not illustrated: Screw-in hinge with 2 covers, 49 mm, stainless steel pin, plastic bushing, frame pivot zinc plated steel, door weight max. 30 kg Art. No. 12.010 Weight in kg: alumin. 0.130

Art. No. 12.011 Weight in kg: alumin. 0.152

Art. No. 12.012 Weight in kg: alumin. 0.215

Art. No. 12.020 Weight in kg: alumin. 0.147

Art. No. 12.021 Weight in kg: alumin. 0.174



Double hinge without covers, 49 mm, stainless steel pin, plastic bushing, door weight max. 30 kg

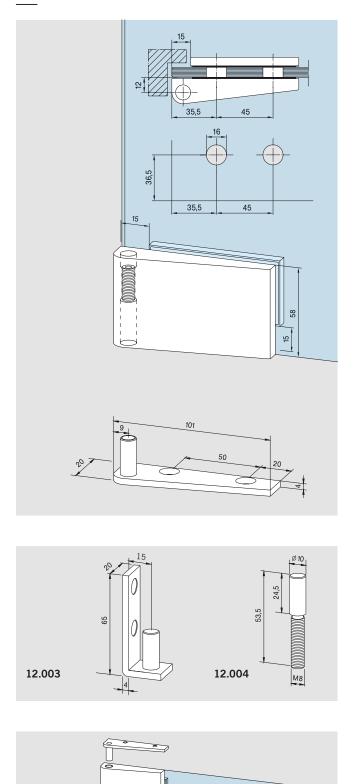
Not illustrated: **Double hinge with 4 covers,** 49 mm, stainless steel pin, plastic bushing, door weight max. 30 kg

Not illustrated: Double hinge with covers for clamping plates, 86 mm, stainless steel pin, plastic bushing, door weight max. 45 kg Art. No. 12.030 Weight in kg: alumin. 0.208

Art. No. 12.031 Weight in kg: alumin. 0.243

Art. No. 12.032 Weight in kg: alumin. 0.344

# CORNER HINGES FOR 8 MM AND 10 MM GLASS THICKNESS



07

#### Corner hinges, pairs,

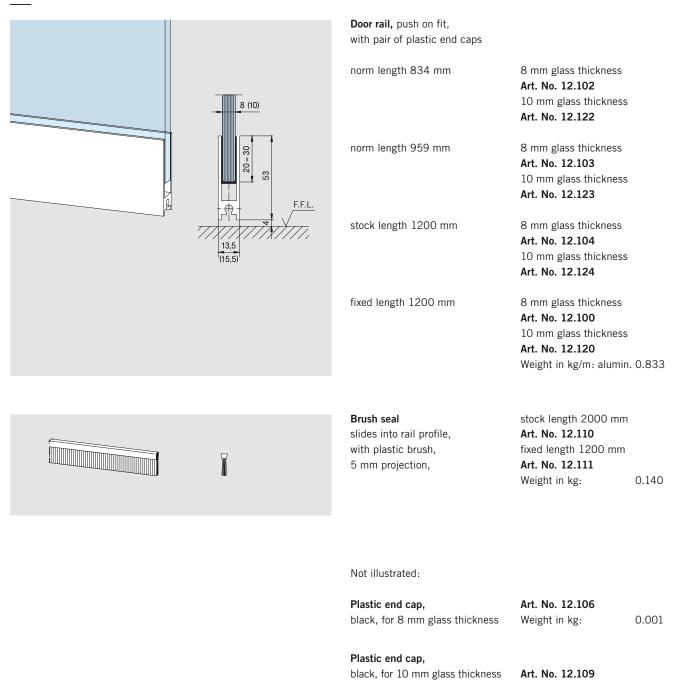
with free glass edge (for rebate) on top resp. underneath and at side, height adjustable, extended colour options, door weight max. 35 kg for 8 mm glass thickness Art. No. 12.001 for 10 mm glass thickness Art. No. 12.009 Weight in kg: alumin. 0.588 brass 1.006

Pair of floor and top pivot for corner hinges, brass satin chromed, stainless steel pin	Art. No. 12.016 Weight in kg:	0.182
Piece of floor socket/top pivot left bottom/top right Art. No. 12.014	Weight in kg:	0.091
Piece of floor socket/top pivot right bottom/top left	<b>Art. No. 12.015</b> Weight in kg:	0.091
Frame fixed pivot for corner hinges, brass satin chromed, stainless steel pin	Art. No. 12.003 Weight in kg:	0.132
Screw-in pivot, stainless steel	<b>Art. No. 12.004</b> Weight in kg:	0.048

#### Set of corner hinges,

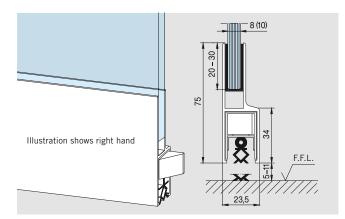
for 8 and 10 mm glass thickness with free glass edge (for rebate) on top resp. underneath and at side (glass preparation like Art. No. 12.001) Consisting of 1 floor pivot, 1 bottom corner hinge (height adjustable), 1 top pivot, 1 top corner hinge, door weight max. 80 kg door width max. 1100 mm Art. No. 12.040 L (as illustr.) Art. No. 12.041 R Weight in kg: alumin. 0.825

# DOOR RAILS FOR 8 MM AND 10 MM GLASS THICKNESS

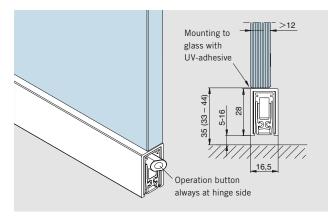


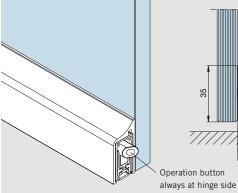
white, for 10 mm glass thickness Art. No. 12.109 Weight in kg: 0.001

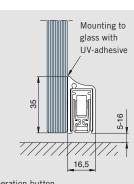
# DOOR RAILS WITH AUTOMATIC SEALS



## 8 (10) Mounting to glass with UV-adhesive 35 (33 – 44) 5-16 \_16,5 Operation button always at hinge side







Door rail with automatic seal, push on fit

Art. No.			
8 mm glass	s thickness	10 mm glas	ss thickness
Left hand	Right hand	Left hand	Right hand
12.202	12.203	12.212	12.213
12.204	12.205	12.214	12.215
12.200	12.201	12.210	12.211
	8 mm glass Left hand 12.202 12.204	8 mm glass thickness           Left hand         Right hand           12.202         12.203           12.204         12.205	8 mm glass thickness         10 mm glass           Left hand         Right hand         Left hand           12.202         12.203         12.212           12.204         12.205         12.214

Weight in kg/m: alumin. 1.559

#### Automatic Seal Planet KG D 8 / KG D 10

Lengths	Art. No.	
	8 mm glass thickness	10 mm glass thickness
	KG D 8	KG D 10
834 mm	12.230	12.231
959 mm	12.235	12.236
1084 mm	12.245	12.246
1209 mm	12.240	12.241

Weight in kg/m: alumin. 0.771

#### Automatic Seal Planet KG-U

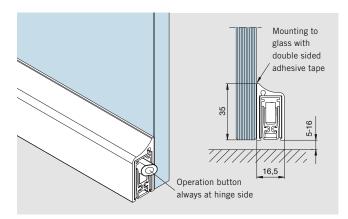
Art. No.
≥12 mm glass thickness
KG-U
12.233
12.238
12.248
12.243

Weight in kg/m: alumin. 0.629

### Automatic Seal Planet

KG-S	
Lengths	Art. No.
	KG-S
834 mm	12.232
959 mm	12.237
1084 mm	12.247
1209 mm	12.242

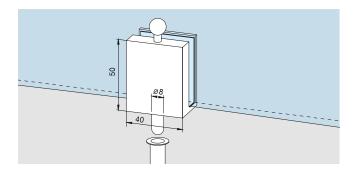
Weight in kg/m: alumin. 0.789



al Planet with double sided adhesive tape
Art. No.
KG-SM
12.234
12.239
12.249

Weight in kg/m: alumin. 0.789

## DOOR BOLTS



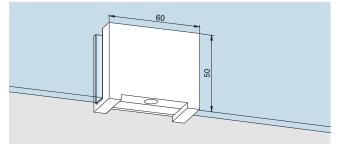
Slide over door bolt, for 8 mm glass thickness, with floor socket

**Slide over door bolt,** for 10 mm glass thickness, with floor socket Art. No. 12.301 Weight in kg: alumin. 0.121

Art. No. 12.302 Weight in kg: alumin. 0.113



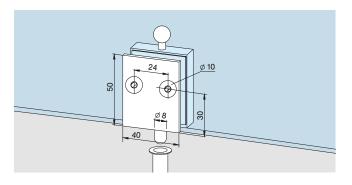


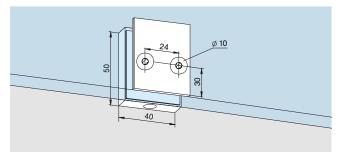


Slide over strike box, for 8 mm glass thickness, to slide over door bolt Art. No. 12.301

Slide over strike box, for 10 mm glass thickness, to slide over door bolt Art. No. 12.302

# DOOR BOLTS





**Door bolt,** on glass preparation,

**Door belt,** on glass preparation, with free glass edge for 8 + 10 mm glass thickness

Strike box, on glass preparation, for 8 mm glass thickness, to door bolt Art. No. 12.312

Strike box, on glass preparation, for 10 mm glass thickness, to door bolt Art. No. 12.315

Slide over telescopic door bolt, for 8, 10 and 12 mm glass thickness, similar anodised lacquer

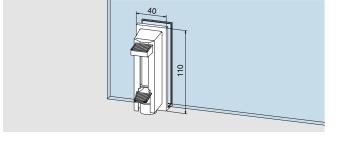
```
for 8 mm glass thickness
Art. No. 12.312
for 10 mm glass thickness
Art. No. 12.315
Weight in kg: alumin. 0.121
```

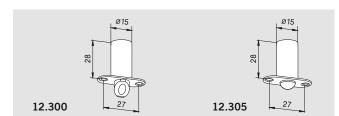
Art. No. 12.318 Weight in kg: alumin. 0.099

Art. No. 12.313 Weight in kg: alumin. 0.087

Art. No. 12.316 Weight in kg: alumin. 0.087

Art. No. 12.320 Weight in kg: alumin. 0.365





Door catch, plastic Art. No. 12.300 Weight in kg:

**Door catch,** plastic with round bolt

**Art. No. 12.305** Weight in kg:

0.007

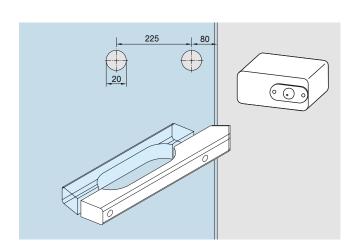
0.007

Wooden snapper block for sauna Wooden handle for sauna 
 Art. No. 13.006

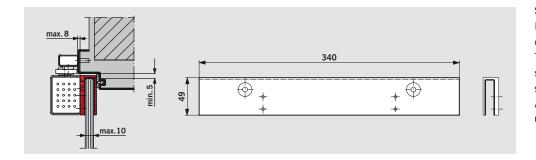
 Weight in kg:
 0.045

 Art. No. 13.005

 Weight in kg:
 0.267

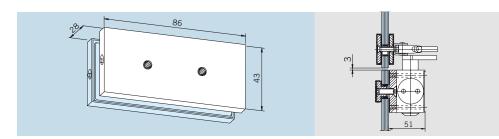


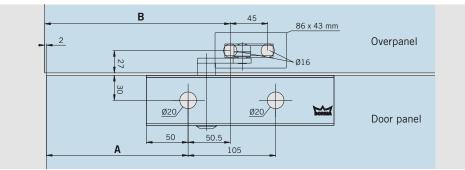
# SADDLE PLATE FOR TS 97



#### Saddle plate for TS 97 No glass recess machining or drilling required. The DORMA TS 97 with this special glass fixing bracket should be used with ARCOS Studio and ARCOS Office/Junior Office hinges.

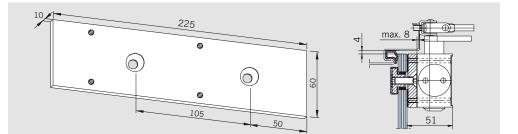
# ACCESSORIES FOR DOOR CLOSER TS 73 V

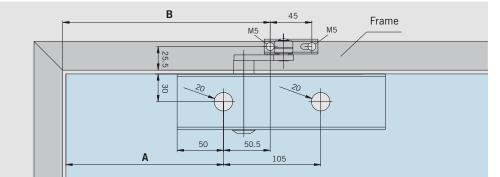




Fixing plate	
for DORMA TS	73 V,
closer arm for a	overpanel
Art. No. 12.33	0
Weight in kg:	alumin. 0.132

Pivot point fitting	А	В
EA (AT)	195	248
Universal/EP	245	298
Studio/Junior	170	223
ARCOS Universal	262	315
Studio/Junior	170	~~~



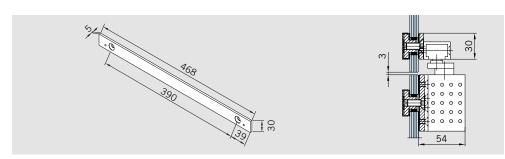


#### Fixing plate

225 mm, for DORMA TS 73 V **Art. No. 12.335** Weight in kg: alumin. 0.289

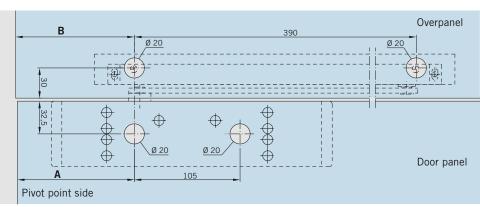
Pivot point fitting	А	В
EA (AT)	195	248
Universal/EP	245	298
Studio/Junior	170	223
ARCOS Universal	262	315

# ACCESSORIES FOR DOOR CLOSER TS 92

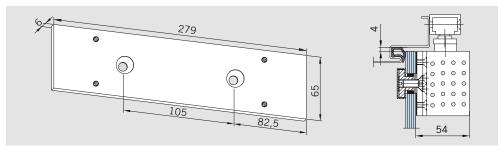


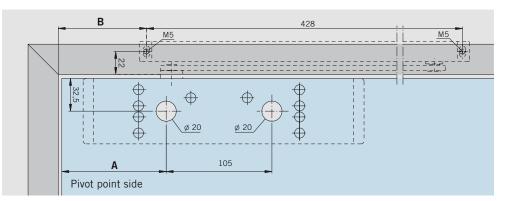
#### for DORMA TS 92, slide channel for overpanel Art. No. 12.332 Weight in kg: alumin. 0.265

Fixing plate



Pivot point fitting	A	В
EA (AT)/EP	200	202
Universal	250	252
Studio/Junior	148	150
ARCOS Universal	265	267





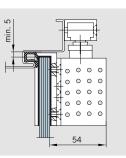


Art. No. 12.334 Weight in kg: alumin. 0.290

Pivot point fitting	А	В
EA (AT)/EP	200	182
Universal	250	232
Studio/Junior	148	132
ARCOS Universal	265	247

#### Saddle plate

and door closer TS 92 are available at DORMA, Ennepetal, or at special suppliers for building hardware.



## FINISHES AND COLOURS

All the common patterns and types are available ex-stock (factory) with the following finishes and colours. Specials and glass assemblies in bespoke colour anodising and powder coating will be prepared promptly.

Standard finishes and colours	MEDIO	Studio Rondo	Studio Classic	Studio Gala	Junior Office Classic	Junior Office
Aluminium, silver anodised, EV1, CO (101)		•	•	•	•	•
Aluminium, silver EV2 (102)		•				
Aluminium, silver gleaming (103)				•		
Aluminium, brass anodised (105)		•	٠			•
Aluminium, similar stainless steel (107)	•	•	•	•	•	•
Aluminium, dark bronze anodised, DB14, MC1003, C34 (108)		•				
Aluminium, silver EV1 Deco (114)	•					
Aluminium, bespoke colour anodising (199)	٠	•	٠	•	•	•
Aluminium, white powder coated, RAL 9016 (300)		•	•	•	•	•
Bespoke powder coating (399)	•	•	•	•	•	•
Brass, polished chrome (501)		•		•		•
Brass, polished varnished (502)		•		•		•
Satin stainless steel (700)						•

#### General care instructions

The surface finishes of the fittings are not maintenance-free and should be cleaned according to their material and design.

- For metallic surfaces (anodised finishes, stainless steel) please use appropriate cleaning agents without abrasive additives only.
- For varnished surfaces please use appropriate solvent-free cleaning agents only.
- Brass surfaces (without surface protection) have to be treated with an appropriate maintenance agent on occasion, to avoid tarnishing.



The printed colours indicating the surface finishes are not 100% true, but do provide a useful guide.

Statements made with regard to the nature or use of the products are for the purposes of descriptions. Assent with regard to the existence of particular properties or particular uses always requires special written agreement.

Subject to change without notice.

## PLANNING TOOL



For planning of intelligent glass solutions we offer you several planning tools which allow you to create secure and professional solutions for any kinds of glass doors and toughend glass assemblies.

Your benefits:

- Easy to operate
- Professional and error-free preparation of offers
- Rapid response to incoming requests for quotations
- Highly reduced planning costs for time and money savings

## SAFETY-RELATED INFORMATION

Important safety-related information for the mounting and use of DORMA glass fittings. (Follow these instructions in addition to the mounting and operating instructions in order to avoid damage of product and damage to person or property.)

Important: All users have to be informed about relevant points mentioned in these safety-related information and the mounting and operating instructions!

#### **General information**

- 1. DORMA recommends using TSG-H (heat soaked toughened safety glass) to DIN EN 12150-1.
- DORMA glass fittings are not suitable for application in rooms where chemicals (e. g. chlorine) are used such as indoor swimming pools, saunas or salt-water pools.
- Never move sliding panels faster than walking speed and always stop the door manually before it reaches end position.
- 4. Do not shut swing doors with excessive force. Install door stop to prevent door from opening too far.

#### The planning tools DGES and MANET COMPACT enable you to prepare designs and cost calculations quickly, reliably and professionally. The software provides you with all necessary documentation such as dimensioned technical

drawings, glass sizes and preparation measures.

- DGES Fittings (for internal doors and toughend glass assemblies),
- DGES HSW (for horizontal sliding walls),
- MANET COMPACT planning tool (for MANET pivoting and sliding doors)

#### Mounting

- Only properly qualified and specially trained staff is authorised to mount DORMA glass fittings.
- 2. Never use glass with conchoidal fractures and/or damaged edges.
- Due to crushing hazards among others in the area of the secondary closing edge – and possible injury caused by breakage of glass during mounting, corresponding protective clothing (especially gloves and protective goggles) is required.
- 4. Clean clamping area with fat solvent (standard commercial cleaning agent) before mounting the glass fitting.
- 5. Never use clamping shoes on structured glass surfaces (except on satined glass) or glass of heavily varying thickness unless with a corresponding levelling layer.
- 6. Never use clamping shoes on self-cleaning coatings.
- 7. When adjusting glass elements, always stick to the required clearance for the respective fitting. Adjust clearance so that the glass does not touch hart components such as glass, metal or concrete.
- 8. Make sure not to use excessive force when installing the glass (avoid local stress resulting from very tight screws).

#### Maintenance

Check fittings at regular intervals for proper positioning and smooth running and door for correct adjustment. Especially highlyfrequented door systems require inspection by properly qualified staff (specialised companies or installation firms). Immediately replace damaged class elements (no glass flaking and/or conchoidal fractures)!



## NOTES



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