

Door hinges, screw-on type, with asymmetric adjustable bushes, for doors opening in and out

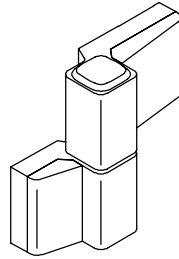
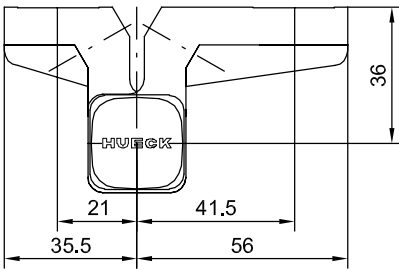
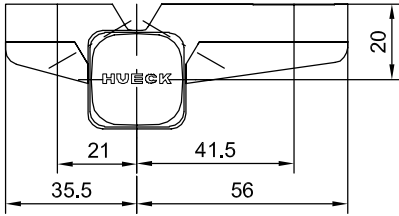
Adjustment range: horizontal =  $\pm 1.5$  mm; vertical = -1 mm, + 3 mm

in accordance with EN 1935; Classification key: 

4	7	7	1	1	4	1	14	3-part
4	7	6	0	1	4	1	13	2-part

Processing and assembling drawing: Register 700

Door-Series



Use drilling jig  
Z 911 272

**Please note!**

Upon request, all door hinges can be supplied unassembled and mill finished for special painting!

**Z 994 211 02**

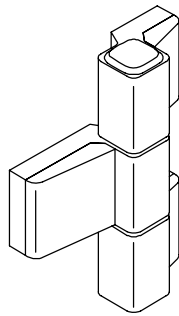
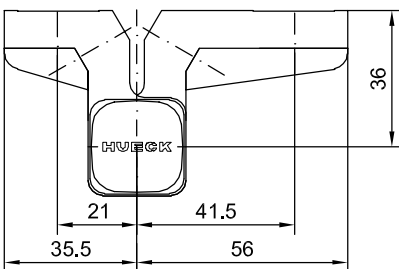
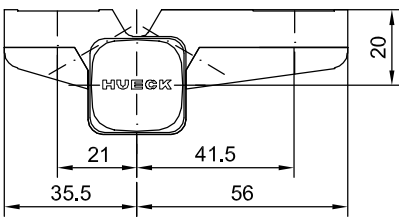
**Z 994 211 64**

Door hinge, 3-part, with 20 mm pivoting point, suitable for left and right  
PU = 6 items

**Z 994 212 02**

**Z 994 212 64**

Door hinge, 2-part, with 36 mm pivoting point, suitable for left and right  
PU = 6 items



Use drilling jig  
Z 908 334

**DIN L**

**Z 994 213 02**

**Z 994 213 64**

Door hinge, 3-part with 20 mm pivoting point  
PU = 6 items

**DIN R**

**Z 994 258 02**

**Z 994 258 64**

Door hinge, 3-part with 20 mm pivoting point  
PU = 6 items

**DIN L**

**Z 994 214 02**

**Z 994 214 64**

Door hinge, 3-part with 36 mm pivoting point  
PU = 6 items

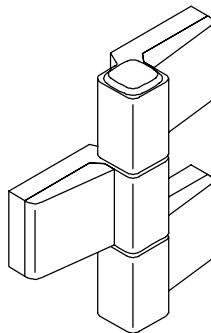
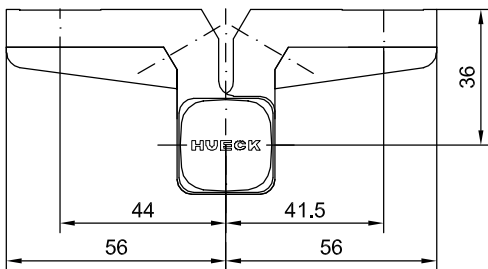
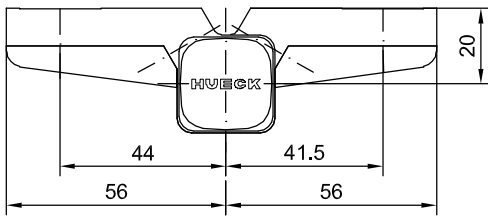
**DIN R**

**Z 994 259 02**

**Z 994 259 64**

Door hinge, 3-part with 36 mm pivoting point  
PU = 6 items

Door hinges, screw-on type, with asymmetric adjustable bushes, for doors opening in and out, when using supplementary profiles  
**B 442652/653**



Use drilling jig  
Z 908 350

**DIN L**

**Z 994 216 02**

**Z 994 216 64**

Door hinge, 3-part with 20 mm pivoting point, when using supplementary profiles  
PU = 6 items

**DIN R**

**Z 994 261 02**

**Z 994 261 64**

Door hinge, 3-part with 20 mm pivoting point, when using supplementary profiles  
PU = 6 items

**DIN L**

**Z 994 217 02**

**Z 994 217 64**

Door hinge, 3-part with 36 mm pivoting point, when using supplementary profiles  
PU = 6 items

**DIN R**

**Z 994 262 02**

**Z 994 262 64**

Door hinge, 3-part with 36 mm pivoting point, when using supplementary profiles  
PU = 6 items

PU = Packing unit

2.1 EU

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**Attention:** Door hinges with a 36 mm pivoting point may only be fitted in connection with bottom door closers or pivot bearings.

Door hinges, screw-on type, with asymmetric adjustable bushes, for doors opening in and out

Adjustment range: horizontal =  $\pm 1.5$  mm; vertical = -1 mm, + 3 mm

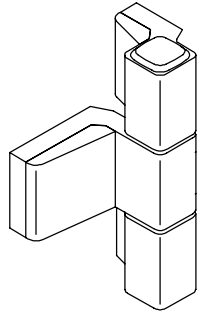
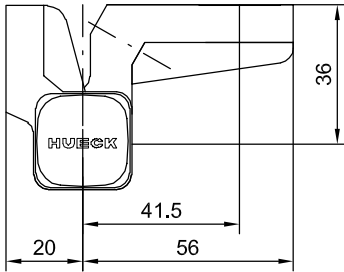
in accordance with EN 1935; Classification key: 

4	7	7	1	1	4	1	14	3-part
4	7	6	0	1	4	1	13	2-part

Processing and assembling drawing: Register 700

## Door-Series

2.1 EU



Use drilling jig  
Z 912 127

### Please note!

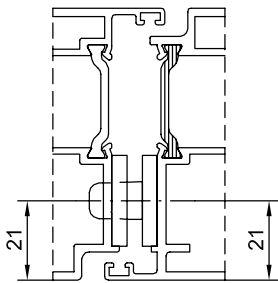
Upon request, all door hinges can be supplied unassembled and mill finished for special painting!

**DIN L**  
**Z 994 215 02**  
**Z 994 215 64**

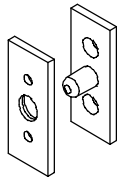
Door hinge, 3-part,  
with 20 mm pivoting  
point, when using  
statical reinforcing  
mullion profiles  
PU = 6 items

**DIN R**  
**Z 994 260 02**  
**Z 994 260 64**

Door hinge, 3-part,  
with 20 mm pivoting  
point, when using  
statical reinforcing  
mullion profiles  
PU = 6 items



Use drilling jig  
Z 908 343

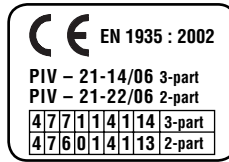


### Z 994 376

Central lock for doors  
opening in and out,  
can be used optionally  
to a third door hinge

Screw-on door hinges, with asymmetrically adjustable bushes, suitable for doors opening in and out  
 Adjustment range: horizontal =  $\pm 1.5$  mm; vertical = -1 mm, + 3 mm  
 in accordance with EN 1935; classification key:

Processing and assembling drawing: Register 700

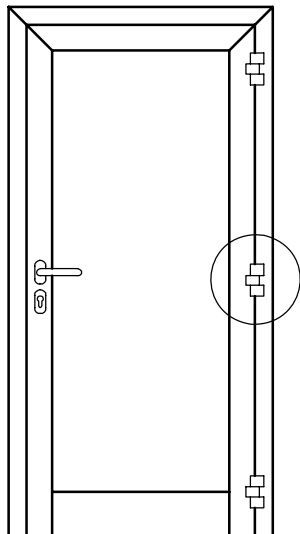


Door-Series

2.1 EU

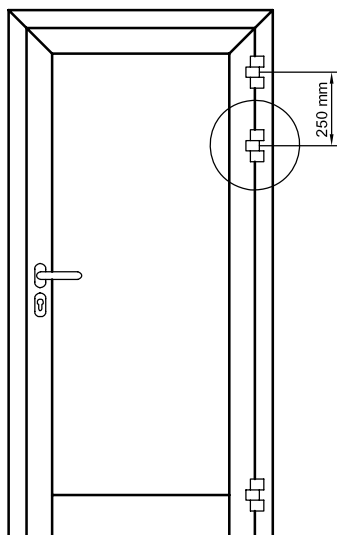
Bearing capacity of door hinges / depending on the hinge type / max. weight  
 Recommended max. sash dimensions, depending on the sash weight / width x height

Profiles	Weight inwards	Weight outwards	Hinge type	
			Two-part hinge	Three-part hinge
B 542150/151/650/651	max. 100 kg / 130 kg	max. 100 kg	70 kg / 100 kg	70 kg / 130 kg
B 542112/301/302	max. 100 kg	max. 100 kg	1100 x 2100 mm	1100 x 2100 mm 1300 x 2200 mm
B 542100/102/104 etc.	max. 70 kg	max. 70 kg		



On account of the bi-metal effect we **recommend** inserting a third door hinge or central lock **Z 994 376**.

In case of the **WK 3** design, a third door hinge is always required.



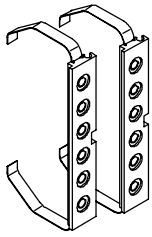
In case of heavy use we recommend inserting a third door hinge.

Centre to centre distance: **250 mm**

Accessory sets for securing the hinges • Please order the accessory sets separately!

## Door-Series

## Door-Series



### Z 994 269

Accessory set, including:  
Backing plates with spring,  
complete for one door hinge,  
for doors opening in and out,  
max. sash weight **100/130 kg**  
**PU = 6 items**



### Z 911 176

Backing plate,  
required in addition to  
door elements with  
rebate profile **B 521 651**,  
opening out  
**PU = 6 items**



### Z 994 220

Accessory set, required in  
addition to **Z 994 269**,  
including:  
6 spacer sleeves with screw,  
complete for one door hinge,  
for doors opening out,  
required if hinge fastening for  
3-part door hinges is to be  
carried out in the inner chamber  
**PU = 6 items**



Use drilling jig  
**Z 912 398**  
for expansion sleeves  
diameter 15 mm

### Z 994 267

Accessory set, including:  
expansion sleeves with bushes  
for door hinges (2-part)  
**Z 994 211 / 212**,  
complete for one door hinge,  
for doors opening in,  
max. sash weight **70 kg**  
**PU = 6 items**



Use drilling jig  
**Z 911 273**  
for expansion sleeves  
diameter 15 mm

### Z 994 268

Accessory set, including:  
expansion sleeves with bushes  
for door hinges (3-part)  
**Z 994 213-217 / Z 994 258-262**,  
complete for one door hinge,  
for doors opening in,  
max. sash weight **70 kg**  
**PU = 6 items**

### 2.1 EU

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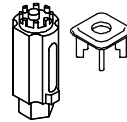
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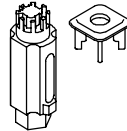
### Z 912 338

Assembly cap, red,  
for securing the eccentric  
bushes during door hinge  
height adjustment using  
an Allen key  
**PU = 10 items**



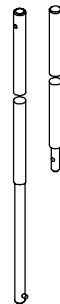
### Z 912 141

Key-Set, black,  
including:  
1 each key **Z 912 579**  
and 2 assembly caps  
**Z 912 338**, for adjusting the  
2-part door hinges



### Z 994 235

Key-Set, white,  
including:  
2 each key **Z 911 577**  
and 2 assembly caps  
**Z 912 338**, for adjusting the  
3-part door hinges



### Z 994 659

Assembly aid, including:  
1 coupling part and 2 round  
bolting rods, serves to  
assemble the door hinge  
backing plates



### Z 906 433

Drive-in pin providing screw  
security, for hinge securing  
screws on doors opening out,  
at least 3 required



### Z 908 351

Twist drill, cylindrical,  
short, DIN 338, HSS,  
Type W diameter = 11 mm,  
suitable for drilling jigs  
**Z 908 334 / 350 / Z 911 272 /**  
**Z 912 127 / 356**



### Z 907 385

3 mm Allen key,  
for door hinge  
cover cap assembly



### Z 908 354

5 mm Allen key,  
for securing door hinges  
with backing plates



### Z 908 353

Flat countersink, diam. 11 / 15,  
for processing accessory set  
**Z 994 220**

**PU = Packing unit**

### 2.1 EU

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