



- 712 Security fittings
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Security fittings

Added value at a glance

There's safe, there's even safer – and then there's FSB. While rates are dropping in Germany, there are still increasingly more break-ins reported now than five or ten years ago. Don't leave it to chance – play it safe with our entrance door fittings! Criminal statistics indicate that doors and windows are popular means of gaining access to buildings. This is why police advice centres and insurance companies recommend adequately securing doors and windows.

FSB security fittings are listed in the KEINBRUCH manufacturer index, a security initiative of the German police.

FSB's design offering is laid out in the following pages, along with a set of technical questions for each design; all you have to do is tick the options that apply to you.

Diverse materials and finishes in aluminium, stainless steel and bronze

Modular multilayer design developed in-house offers more security

Cylinder guard made of hardened manganese steel prevents the cylinder from being pulled or knocked off

Perfect 3 mm edge radius



Certified under EN 1906 or DIN 18257

Optional oval backplate, including short backplates, available; inside backplate can be supplied as backplate and rose version

Long backplate set with security grades S2 and S4

First choose the design, then the security grade: can be combined with over 40 door handle models

Non-handed lever/knob sets with different knob designs

The lock, lock cylinder and backplate form a single unit. This makes it more difficult to unscrew, break, pull off or smash through the lock cylinder.

Listed in the KEINBRUCH manufacturer index



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Security fittings

Product variants

Product features of backplate sets

- Tested and certified under EN 1906 and DIN 18 257
- Security grade 2 (with and without cylinder guard)
- Security grade 4 (with cylinder guard)
- Available as standard and fire safety variant

- Burglary-resistant construction elements that put potential burglars off or considerably hold them up
- Modular multilayer design

FSB security fittings are delivered as backplate sets for the following door thicknesses as standard:

Internal doors 40–42 mm
Entrance doors 67–69 mm
Fire doors 53–57 mm

Backplate set 73 7360



Standard 73 7360
Fire safety 73 7560

- Clean design
- Angular backplate on the inside
- Centres for PC 72 and 92 mm

Short backplates



Standard 73 73..
Fire safety 73 75..

- Oval variant
- Security grade S2 available as open version and S2-ZA with cylinder guard
- Centres for PC 72 mm

Long backplates



Standard 73 73..
Fire safety 73 75..

- Oval or angular variant
- Angular variant with 3 mm edge radius
- Security grade S2 available as open version and S2-ZA with cylinder guard
- Security grade S4-ZA with cylinder guard available
- Centres for PC 72, 78, 88 and 92 mm

Product features of security roses

- Security roses for entrance doors in combination with a door pull
- Burglary-resistant construction elements that put potential burglars off or considerably hold them up
- Product solutions for flush and narrow-stile doors
- Modular multilayer design

Security roses for flush doors tested and certified



- Tested and certified under DIN 18257 ES 1 and DIN 18273 for fire doors
- Round variant available with cylinder guard (ZA) and as open version
- Square variant with cylinder guard (ZA)
- Round rose also available as flush-fitted variant

Security roses for flush doors



- Not tested and certified under DIN 18257 ES 1 and DIN 18273
- Round variant
- Available with cylinder guard (ZA) and as open version

Security roses for narrow-stile doors



- Not tested and certified under DIN 18257 ES 1 and DIN 18273
- Oval and angular variant with cylinder guard (ZA)

More burglary-resistant roses for narrow-stile doors – which are not certified under DIN 18257 or DIN 18273 – can be found on page 485:

- 17 1765 | 1766: angular and oval slide-on rose
- 17 1768 | 1769: angular adhesive rose
- 17 1729 | 1730: oval adhesive rose

Security fittings

Overview

Backplate sets

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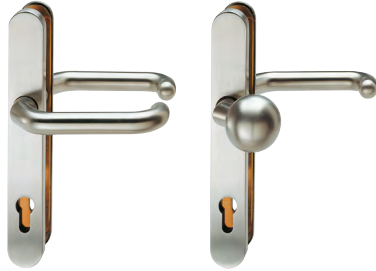


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Sets for narrow-stile doors

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Security roses

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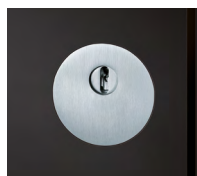
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Security fittings

Backplate set

- Aluminium
- Stainless steel
- Bronze

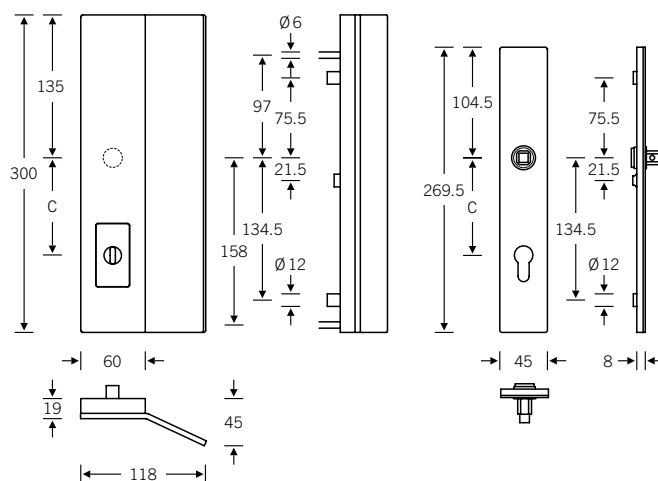
73 7360



Order details	Standard	<input type="checkbox"/> 73 7360	<input type="checkbox"/> 73 7560
	Fire safety		<input type="checkbox"/> 73 7560
Set type		<input type="checkbox"/> Lever/knob set	
Inside hardware		<input type="checkbox"/> Angular backplate	
Security grade of backplate set		<input type="checkbox"/> S4-ZA	8 – 15 mm
Set handing		<input type="checkbox"/> Handle inside pointing right <input type="checkbox"/> Handle inside pointing left	
Set to match door thickness		_____ mm	
Centres (C) for PC		<input type="checkbox"/> 72 mm <input type="checkbox"/> 92 mm	
Square spindle		<input type="checkbox"/> 8 mm (PC 72)	
Please specify cavity dimension (X) for spindle 05 0115, see page 765		<input type="checkbox"/> 9 mm (PC 72)	
		<input type="checkbox"/> 10 mm (PC 92)	
Material/colour	Stainless Steel	<input type="checkbox"/> 6204	<input type="checkbox"/> 6205

Order quantity: _____ sets

Supplied door handle model:
FSB 1108 (stainless steel)
Other models available upon request



Security fittings

Backplate set

- Aluminium
- Stainless steel
- Bronze

73 7372 ■

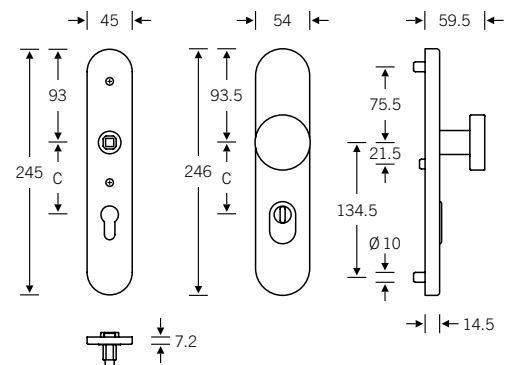


Order details	Standard	<input type="checkbox"/> 73 7372	
Set type		<input type="checkbox"/> Lever/knob set	
Inside hardware		<input type="checkbox"/> Backplate	
Security grade of backplate set		<input type="checkbox"/> S3 pursuant to EN 1906, cylinder guard (ZA) 8 – 12 mm suitable for RC3 doors	
Set handing		<input type="checkbox"/> Handle inside pointing right <input type="checkbox"/> Handle inside pointing left	
Set to match door thickness	38 – 102 mm	_____ mm	
Centres (C) for PC		<input type="checkbox"/> 55 mm	<input type="checkbox"/> 85 mm
		<input type="checkbox"/> 70 mm	<input type="checkbox"/> 88 mm
		<input type="checkbox"/> 72 mm	<input type="checkbox"/> 92 mm
Square spindle		<input type="checkbox"/> 7 mm	<input type="checkbox"/> 8/8.5 mm
		<input type="checkbox"/> 8 mm	<input type="checkbox"/> 8/10 mm
Material/colour Outside backplate	Stainless Steel	<input type="checkbox"/> 6204	<input type="checkbox"/> 6205
Material/colour Inside backplate	Aluminium	<input type="checkbox"/> 0105	<input type="checkbox"/> 0810
	Stainless Steel	<input type="checkbox"/> 6204	

Order quantity: _____ sets

The lever handle model can be freely selected and must be ordered separately; for possible designs, see page 324 ff.

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EN 1906
ÖNORM B3859
SKG

Also available as lever/lever set, see page 374

Security fittings

Backplate set

- Aluminium
- Stainless steel
- Bronze

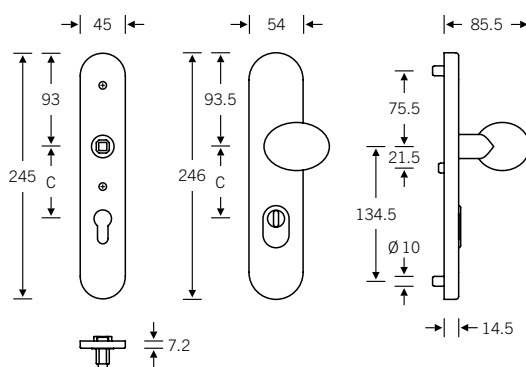
73 7373



Order details	Standard	<input type="checkbox"/> 73 7373	
Set type		<input type="checkbox"/> Lever/knob set	
Inside hardware		<input type="checkbox"/> Backplate	
Security grade of backplate set		<input type="checkbox"/> S3 pursuant to EN 1906, cylinder guard (ZA) 8–12 mm suitable for RC3 doors	
Set handing		<input type="checkbox"/> Handle inside pointing right <input type="checkbox"/> Handle inside pointing left	
Set to match door thickness	38–102 mm	_____ mm	
Centres (C) for PC		<input type="checkbox"/> 55 mm <input type="checkbox"/> 70 mm <input type="checkbox"/> 72 mm	<input type="checkbox"/> 85 mm <input type="checkbox"/> 88 mm <input type="checkbox"/> 92 mm
Square spindle		<input type="checkbox"/> 7 mm <input type="checkbox"/> 8 mm	<input type="checkbox"/> 8/8.5 mm <input type="checkbox"/> 8/10 mm
Material/colour Outside backplate	Stainless Steel	<input type="checkbox"/> 6204	
Material/colour Inside backplate	Aluminium	<input type="checkbox"/> 0105	<input type="checkbox"/> 0810
	Stainless Steel	<input type="checkbox"/> 6204	

Order quantity: _____ sets

The lever handle model can be freely selected and must be ordered separately; for possible designs, see page 324 ff.



EN 1906
ÖNORM B3859
SKG

Also available as lever/lever set, see page 374

Security fittings

Short backplate set

Aluminium
 Stainless steel
 Bronze

73 7374

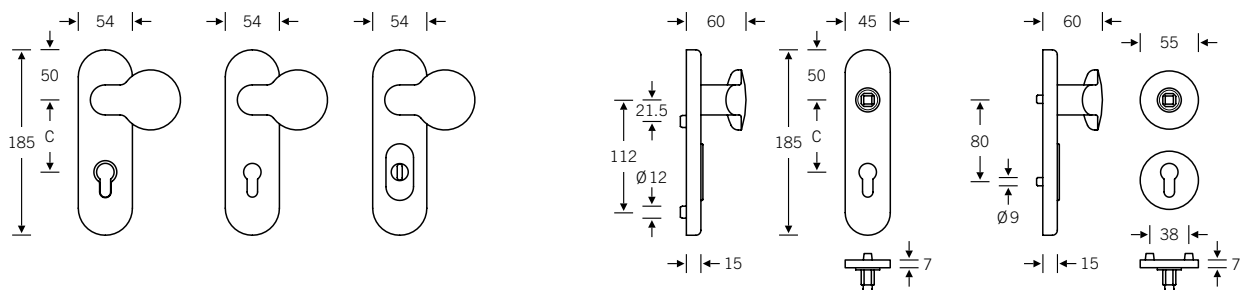


Order details	Standard	<input type="checkbox"/> 73 7374	
	Fire safety	<input checked="" type="checkbox"/> 73 7574	
Set type		<input type="checkbox"/> Lever/knob set	<input type="checkbox"/> Lever/lever set*
Inside hardware		<input type="checkbox"/> Backplate	<input type="checkbox"/> Roses
Security grade of backplate set		<input type="checkbox"/> S2	11 mm
		<input type="checkbox"/> S2	15 mm
		<input type="checkbox"/> S2-ZA	8–15 mm
Security grade of rose set		<input type="checkbox"/> S2-ZA	8–15 mm
Set handing		<input type="checkbox"/> Handle inside pointing right	
		<input type="checkbox"/> Handle inside pointing left	
Set to match door thickness		_____ mm	
Centres (C) for PC		<input type="checkbox"/> 72 mm	
Square spindle		<input type="checkbox"/> 8 mm	
		<input checked="" type="checkbox"/> 9 mm	
Material/colour	Aluminium	<input type="checkbox"/> 0105	<input type="checkbox"/> _____
	Alu. + colour	<input type="checkbox"/> White	<input type="checkbox"/> _____
	Stainless Steel	<input type="checkbox"/> 6204	<input type="checkbox"/> 6205

Order quantity: _____ sets

Supplied door handle model:
 FSB 1107 (aluminium, aluminium + colour, stainless steel)
 Other models available upon request

8c



* S2-ZA only

With S2 (open version), the cylinder should not protrude more than 3 mm

Security fittings

Long backplate set

- Aluminium
- Stainless steel
- Bronze

73 7375

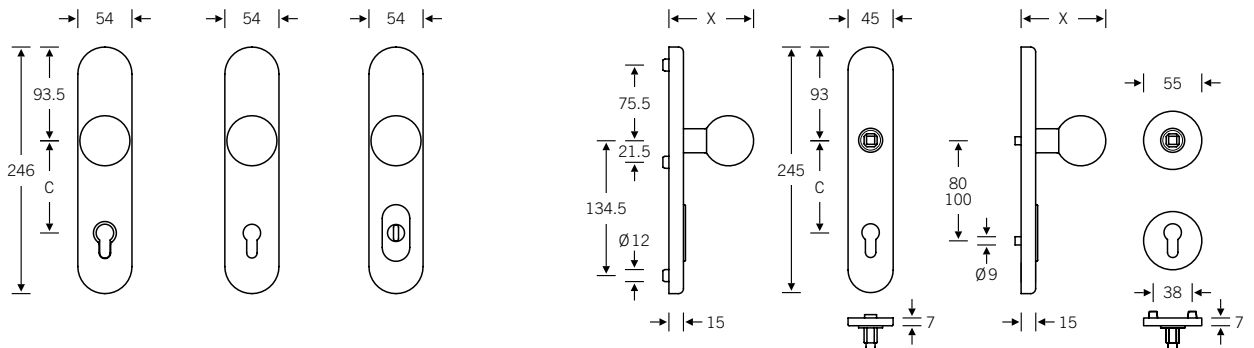


Order details	Standard Fire safety	<input type="checkbox"/> 73 7375 <input checked="" type="checkbox"/> 73 7575	
Set type	<input type="checkbox"/> Lever/knob set		
Inside hardware	<input type="checkbox"/> Backplate	<input type="checkbox"/> Roses	
Security grade of backplate set	<input type="checkbox"/> S2	11 mm	
	<input type="checkbox"/> S2	15 mm	
	<input type="checkbox"/> S2-ZA	8–15 mm	
	<input type="checkbox"/> S4-ZA	8–15 mm	
Security grade of rose set	<input type="checkbox"/> S2-ZA	8–15 mm	
Set handing	<input type="checkbox"/> Handle inside pointing right <input type="checkbox"/> Handle inside pointing left		
Set to match door thickness	_____ mm		
Centres(C) for PC	<input type="checkbox"/> 72 mm <input type="checkbox"/> 78 mm, CH-RC* <input checked="" type="checkbox"/> 72 mm	<input type="checkbox"/> 88* mm	<input type="checkbox"/> 92 mm
Square spindle	<input type="checkbox"/> 8 mm <input checked="" type="checkbox"/> 9 mm	<input type="checkbox"/> 8.5* mm	<input type="checkbox"/> 10 mm
Material/colour	Aluminium Alu. + colour Stainless Steel Bronze	<input type="checkbox"/> 0105 <input type="checkbox"/> White <input type="checkbox"/> 6204 <input type="checkbox"/> 7615	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> 6205 <input type="checkbox"/> 7625

Order quantity: _____ sets

Supplied door handle model:
FSB 1107 (aluminium, aluminium + colour, stainless steel)
FSB 1023 (bronze)
Other models available upon request

X: 85 mm (aluminium, aluminium + colour)
80 mm (stainless steel, bronze)



* S2-ZA only

With S2 (open version), the cylinder should not protrude more than 3 mm

Security fittings

Long backplate set

Aluminium
 Stainless steel
 Bronze

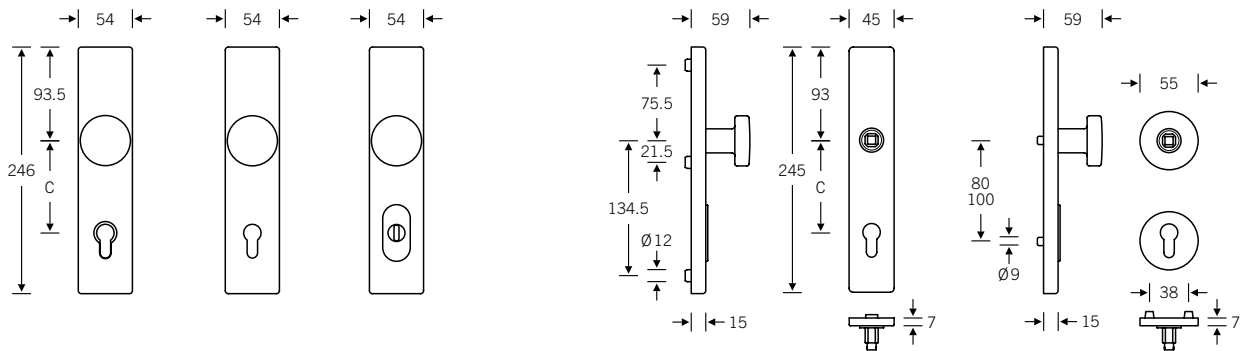
73 7376



Order details	Standard	<input type="checkbox"/> 73 7376
	Fire safety	<input type="checkbox"/> 73 7576
Set type	<input type="checkbox"/> Lever/knob set	
Inside hardware	<input type="checkbox"/> Backplate	<input type="checkbox"/> Roses
Security grade of backplate set	<input type="checkbox"/> S2	11 mm
	<input type="checkbox"/> S2	15 mm
	<input type="checkbox"/> S2-ZA	8–15 mm
	<input type="checkbox"/> S4-ZA	8–15 mm
Security grade of rose set	<input type="checkbox"/> S2-ZA	8–15 mm
Set handing	<input type="checkbox"/> Handle inside pointing right	
	<input type="checkbox"/> Handle inside pointing left	
Set to match door thickness	_____ mm	
Centres (C) for PC	<input type="checkbox"/> 72 mm	<input type="checkbox"/> 88* mm
	<input type="checkbox"/> 78 mm, CH-RC*	<input type="checkbox"/> 92 mm
	<input type="checkbox"/> 72 mm	
Square spindle	<input type="checkbox"/> 8 mm	<input type="checkbox"/> 8.5* mm
	<input type="checkbox"/> 9 mm	<input type="checkbox"/> 10 mm
Material/colour	Aluminium	<input type="checkbox"/> 0105
	Alu. + colour	<input type="checkbox"/> White
	Stainless Steel	<input type="checkbox"/> 6204
	Bronze	<input type="checkbox"/> 6205
		<input type="checkbox"/> 7615
		<input type="checkbox"/> 7625

Order quantity: _____ sets

Supplied door handle model:
 FSB 1107 (aluminium, aluminium + colour, stainless steel)
 FSB 1023 (bronze)
 Other models available upon request



8c



* S2-ZA only

With S2 (open version), the cylinder should not protrude more than 3 mm

Security fittings

Short backplate set

Aluminium
 Stainless steel
 Bronze

73 7377

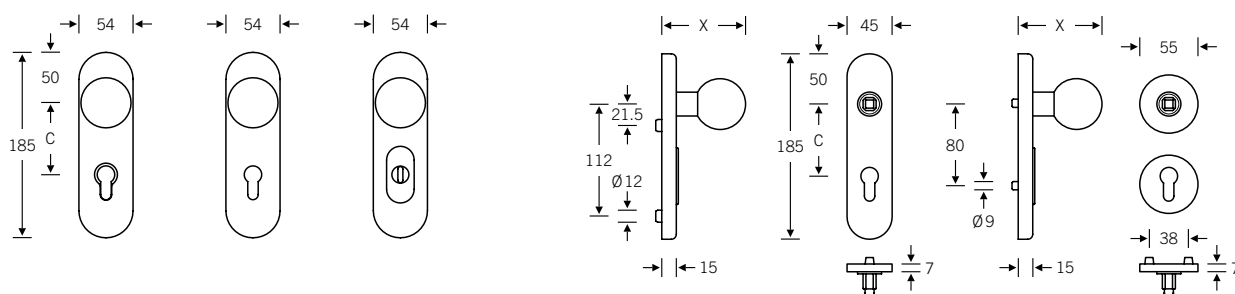


Order details	Standard	<input type="checkbox"/> 73 7377
	Fire safety	<input type="checkbox"/> 73 7577
Set type		<input type="checkbox"/> Lever/knob set
Inside hardware		<input type="checkbox"/> Backplate <input type="checkbox"/> Roses
Security grade of backplate set		<input type="checkbox"/> S2 11 mm <input type="checkbox"/> S2 15 mm <input type="checkbox"/> S2-ZA 8 – 15 mm
Security grade of rose set		<input type="checkbox"/> S2-ZA 8 – 15 mm
Set handing		<input type="checkbox"/> Handle inside pointing right <input type="checkbox"/> Handle inside pointing left
Set to match door thickness		_____ mm
Centres (C) for PC		<input type="checkbox"/> 72 mm
Square spindle		<input type="checkbox"/> 8 mm <input type="checkbox"/> 9 mm
Material/colour	Aluminium	<input type="checkbox"/> 0105 <input type="checkbox"/> _____
	Alu. + colour	<input type="checkbox"/> White <input type="checkbox"/> _____
	Stainless Steel	<input type="checkbox"/> 6204 <input type="checkbox"/> 6205

Order quantity: _____ sets

Supplied door handle model:
 FSB 1107 (aluminium, aluminium + colour, stainless steel)
 Other models available upon request

X: 85 mm (aluminium, aluminium + colour)
 80 mm (stainless steel)



With S2 (open version), the cylinder should not protrude more than 3 mm

Security fittings

Long backplate set

Aluminium
 Stainless steel
 Bronze

73 7378

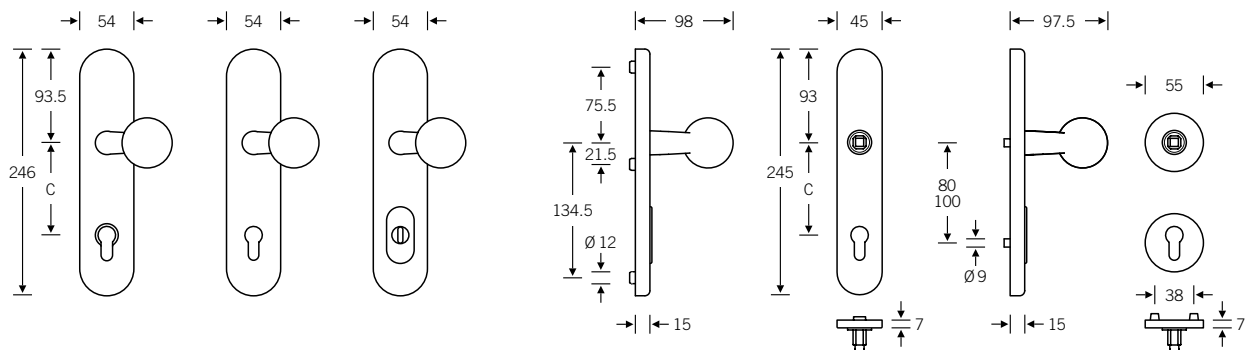


Order details	Standard	<input type="checkbox"/> 73 7378	
	Fire safety	<input type="checkbox"/> 73 7578	
Set type		<input type="checkbox"/> Lever/knob set	
Inside hardware		<input type="checkbox"/> Backplate <input type="checkbox"/> Roses	
Security grade of backplate set	<input type="checkbox"/> S2	11 mm	
	<input type="checkbox"/> S2	15 mm	
	<input type="checkbox"/> S2-ZA	8–15 mm	
	<input type="checkbox"/> S4-ZA	8–15 mm	
Security grade of rose set	<input type="checkbox"/> S2-ZA	8–15 mm	
Set handing		<input type="checkbox"/> Handle inside pointing right <input type="checkbox"/> Handle inside pointing left	
Set to match door thickness		_____ mm	
Centres (C) for PC	<input type="checkbox"/> 72 mm	<input type="checkbox"/> 88*mm	<input type="checkbox"/> 92 mm
	<input type="checkbox"/> 78 mm, CH-RC*		
	<input type="checkbox"/> 72 mm		
Square spindle	<input type="checkbox"/> 8 mm	<input type="checkbox"/> 8.5* mm	<input type="checkbox"/> 10 mm
	<input type="checkbox"/> 9 mm		
Material/colour	Aluminium	<input type="checkbox"/> 0105	<input type="checkbox"/> _____
	Alu. + colour	<input type="checkbox"/> White	<input type="checkbox"/> _____
	Stainless Steel	<input type="checkbox"/> 6204	<input type="checkbox"/> 6205
	Bronze	<input type="checkbox"/> 7615	<input type="checkbox"/> 7625

Order quantity: _____ sets

Supplied door handle model:
 FSB 1107 (aluminium, aluminium + colour, stainless steel)
 FSB 1023 (bronze)
 Other models available upon request

8c



* S2-ZA only

With S2 (open version), the cylinder should not protrude more than 3 mm

Security fittings

Long backplate set

- Aluminium
- Stainless steel
- Bronze

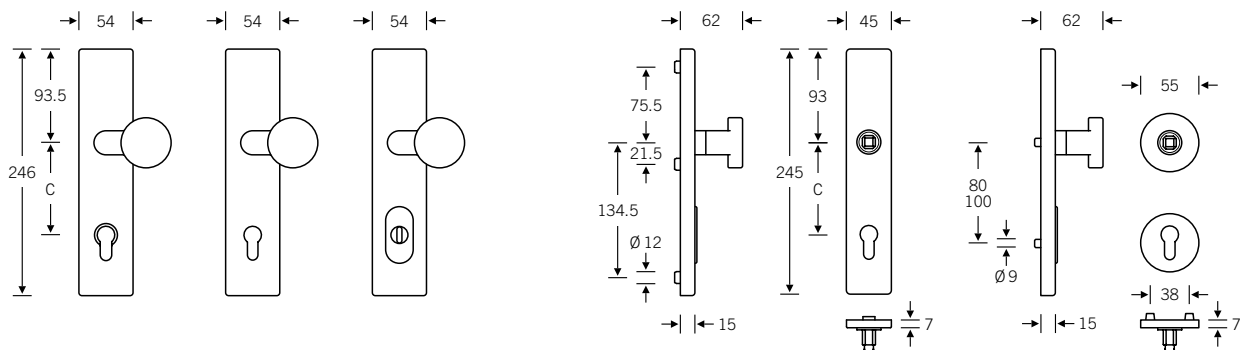
73 7379



Order details	Standard	<input type="checkbox"/> 73 7379
	Fire safety	<input checked="" type="checkbox"/> 73 7579
Set type	<input type="checkbox"/> Lever/knob set	
Inside hardware	<input type="checkbox"/> Backplate	<input type="checkbox"/> Roses
Security grade of backplate set	<input type="checkbox"/> S2	11 mm
	<input type="checkbox"/> S2	15 mm
	<input type="checkbox"/> S2-ZA	8–15 mm
	<input type="checkbox"/> S4-ZA	8–15 mm
Security grade of rose set	<input type="checkbox"/> S2-ZA	8–15 mm
Set handing	<input type="checkbox"/> Handle inside pointing right	
	<input type="checkbox"/> Handle inside pointing left	
Set to match door thickness	_____ mm	
Centres (C) for PC	<input type="checkbox"/> 72 mm	<input type="checkbox"/> 88* mm
	<input type="checkbox"/> 78 mm, CH-RC*	<input type="checkbox"/> 92 mm
	<input checked="" type="checkbox"/> 72 mm	
Square spindle	<input type="checkbox"/> 8 mm	<input type="checkbox"/> 8.5* mm
	<input checked="" type="checkbox"/> 9 mm	<input type="checkbox"/> 10 mm
Material/colour	Aluminium	<input type="checkbox"/> 0105
	Alu. + colour	<input type="checkbox"/> White
	Stainless Steel	<input type="checkbox"/> 6204
	Bronze	<input type="checkbox"/> 6205
		<input type="checkbox"/> 7615
		<input type="checkbox"/> 7625

Order quantity: _____ sets

Supplied door handle model:
 FSB 1107 (aluminium, aluminium + colour, stainless steel)
 FSB 1023 (bronze)
 Other models available upon request



* S2-ZA only

With S2 (open version), the cylinder should not protrude more than 3 mm

Security fittings

Long backplate set

Aluminium
 Stainless steel
 Bronze

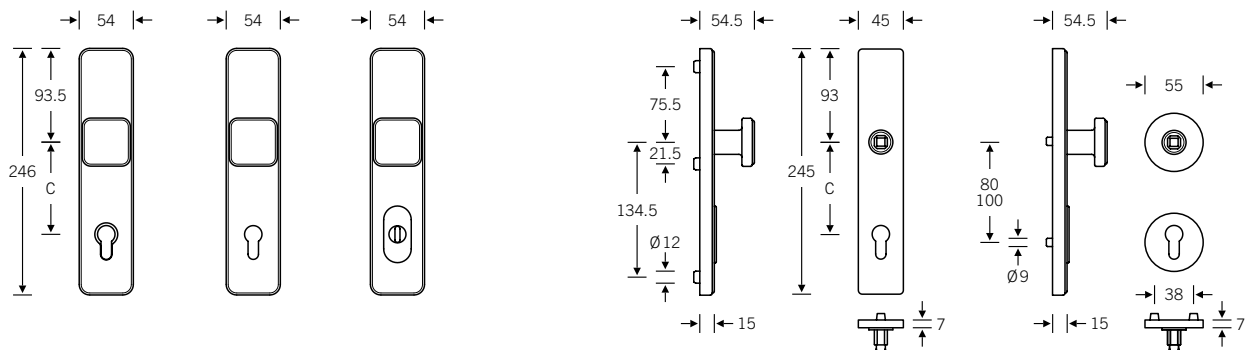
73 7381



Order details	Standard	<input type="checkbox"/> 73 7381	
	Fire safety	<input type="checkbox"/> 73 7581 (stainless steel only)	
Set type		<input type="checkbox"/> Lever/knob set	<input type="checkbox"/> Lever/lever set*
Inside hardware		<input type="checkbox"/> Backplate	<input type="checkbox"/> Roses
Security grade of backplate set		<input type="checkbox"/> S2	11 mm
		<input type="checkbox"/> S2	15 mm
		<input type="checkbox"/> S2-ZA	8 – 15 mm
		<input type="checkbox"/> S4-ZA	8 – 15 mm
Security grade of rose set		<input type="checkbox"/> S2-ZA	8 – 15 mm
Set handing		<input type="checkbox"/> Handle inside pointing right	
		<input type="checkbox"/> Handle inside pointing left	
Set to match door thickness		_____ mm	
Centres (C) for PC	<input type="checkbox"/> 72 mm	<input type="checkbox"/> 88* mm	<input type="checkbox"/> 92 mm
	<input type="checkbox"/> 78 mm, CH-RC*		
	<input type="checkbox"/> 72 mm		
Square spindle	<input type="checkbox"/> 8 mm	<input type="checkbox"/> 8.5* mm	<input type="checkbox"/> 10 mm
	<input type="checkbox"/> 9 mm		
Material/colour	Aluminium	<input type="checkbox"/> 0105	<input type="checkbox"/> _____
	Alu. + colour	<input type="checkbox"/> White	<input type="checkbox"/> _____
	Stainless Steel	<input type="checkbox"/> 6204	<input type="checkbox"/> 6205

Order quantity: _____ sets

Supplied door handle model:
 FSB 1107 (aluminium, aluminium + colour, stainless steel)
 Other models available upon request



8c



* S2-ZA only

With S2 (open version), the cylinder should not protrude more than 3 mm

Security fittings

Long backplate set

- Aluminium
- Stainless steel
- Bronze

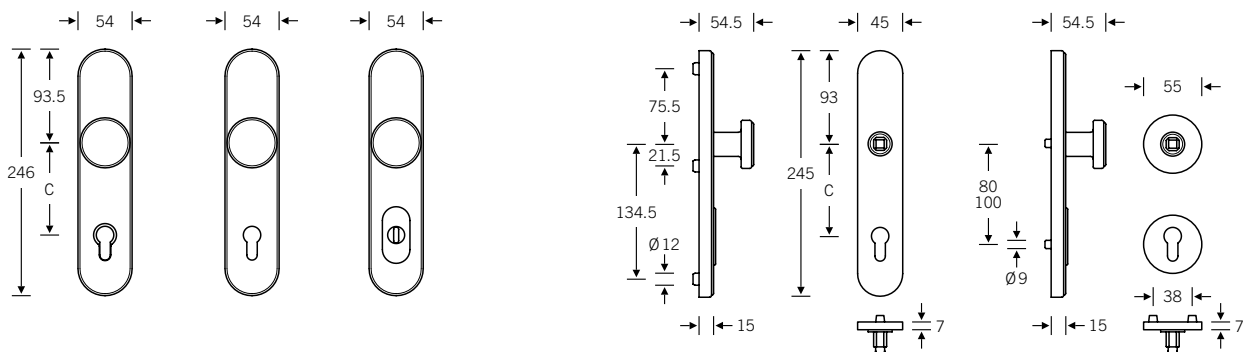
73 7382



Order details	Standard Fire safety	<input type="checkbox"/> 73 7382	<input type="checkbox"/> 73 7582 (stainless steel only)
Set type		<input type="checkbox"/> Lever/knob set	<input type="checkbox"/> Lever/lever set*
Inside hardware		<input type="checkbox"/> Backplate	<input type="checkbox"/> Roses
Security grade of backplate set		<input type="checkbox"/> S2	11 mm 15 mm
		<input type="checkbox"/> S2-ZA	8 – 15 mm
		<input type="checkbox"/> S4-ZA	8 – 15 mm
Security grade of rose set		<input type="checkbox"/> S2-ZA	8 – 15 mm
Set handing		<input type="checkbox"/> Handle inside pointing right <input type="checkbox"/> Handle inside pointing left	
Set to match door thickness		_____ mm	
Centres (C) for PC	<input type="checkbox"/> 72 mm <input type="checkbox"/> 78 mm, CH-RC* <input type="checkbox"/> 72 mm	<input type="checkbox"/> 88* mm	<input type="checkbox"/> 92 mm
Square spindle	<input type="checkbox"/> 8 mm <input type="checkbox"/> 9 mm	<input type="checkbox"/> 8.5* mm	<input type="checkbox"/> 10 mm
Material/colour	Aluminium Alu. + colour Stainless Steel	<input type="checkbox"/> 0105 <input type="checkbox"/> White <input type="checkbox"/> 6204	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> 6205

Order quantity: _____ sets

Supplied door handle model:
FSB 1107 (aluminium, aluminium + colour, stainless steel)
Other models available upon request



* S2-ZA only



Security fittings

Long backplate set

- Aluminium
- Stainless steel
- Bronze

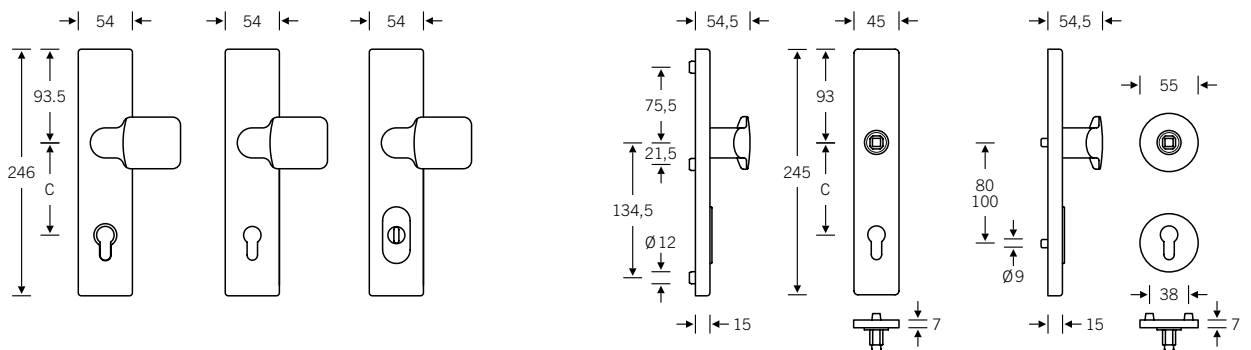
73 7383 ■ ■



Order details	Standard	<input type="checkbox"/> 73 7383	
	Fire safety	<input type="checkbox"/> 73 7583 (stainless steel only)	
Set type		<input type="checkbox"/> Lever/knob set	<input type="checkbox"/> Lever/lever set*
Inside hardware		<input type="checkbox"/> Backplate	<input type="checkbox"/> Roses
Security grade of backplate set		<input type="checkbox"/> S2	11 mm
		<input type="checkbox"/> S2	15 mm
		<input type="checkbox"/> S2-ZA	8 – 15 mm
		<input type="checkbox"/> S4-ZA	8 – 15 mm
Security grade of rose set		<input type="checkbox"/> S2-ZA	8 – 15 mm
Set handing		<input type="checkbox"/> Handle inside pointing right	
		<input type="checkbox"/> Handle inside pointing left	
Set to match door thickness		_____ mm	
Centres (C) for PC	<input type="checkbox"/> 72 mm	<input type="checkbox"/> 88* mm	<input type="checkbox"/> 92 mm
	<input type="checkbox"/> 78 mm, CH-RC*		
	<input type="checkbox"/> 72 mm		
Square spindle	<input type="checkbox"/> 8 mm	<input type="checkbox"/> 8.5* mm	<input type="checkbox"/> 10 mm
	<input type="checkbox"/> 9 mm		
Material/colour	Aluminium	<input type="checkbox"/> 0105	<input type="checkbox"/> _____
	Alu. + colour	<input type="checkbox"/> White	<input type="checkbox"/> _____
	Stainless Steel	<input type="checkbox"/> 6204	<input type="checkbox"/> 6205

Order quantity: _____ sets

Supplied door handle model:
FSB 1107 (aluminium, aluminium + colour, stainless steel)
Other models available upon request



8c



* S2-ZA only

Security fittings

Long backplate set

- Aluminium
- Stainless steel
- Bronze

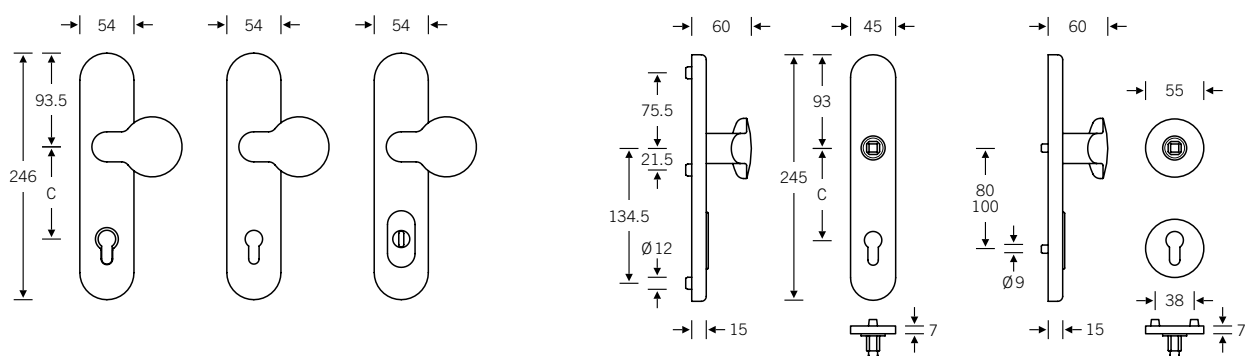
73 7384



Order details	Standard Fire safety	<input type="checkbox"/> 73 7384 <input checked="" type="checkbox"/> 73 7584	
Set type		<input type="checkbox"/> Lever/knob set	<input type="checkbox"/> Lever/lever set*
Inside hardware		<input type="checkbox"/> Backplate	<input type="checkbox"/> Roses
Security grade of backplate set	<input type="checkbox"/> S2	<input type="checkbox"/> S2	11 mm 15 mm
	<input type="checkbox"/> S2-ZA	<input type="checkbox"/> S4-ZA	8 – 15 mm 8 – 15 mm
Security grade of rose set	<input type="checkbox"/> S2-ZA		8 – 15 mm
Set handing		<input type="checkbox"/> Handle inside pointing right	<input type="checkbox"/> Handle inside pointing left
Set to match door thickness		_____ mm	
Centres (C) for PC	<input type="checkbox"/> 72 mm <input type="checkbox"/> 78 mm, CH-RC* <input checked="" type="checkbox"/> 72 mm	<input type="checkbox"/> 88* mm	<input type="checkbox"/> 92 mm <input checked="" type="checkbox"/> 92* mm
Square spindle	<input type="checkbox"/> 8 mm <input checked="" type="checkbox"/> 9 mm	<input type="checkbox"/> 8.5* mm	<input type="checkbox"/> 10 mm
Material/colour	Aluminium Alu. + colour Stainless Steel	<input type="checkbox"/> 0105 <input type="checkbox"/> White <input type="checkbox"/> 6204	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> 6205

Order quantity: _____ sets

Supplied door handle model:
FSB 1107 (aluminium, aluminium + colour, stainless steel)
Other models available upon request



* S2-ZA only



Security fittings

Long backplate set

- Aluminium
- Stainless steel
- Bronze

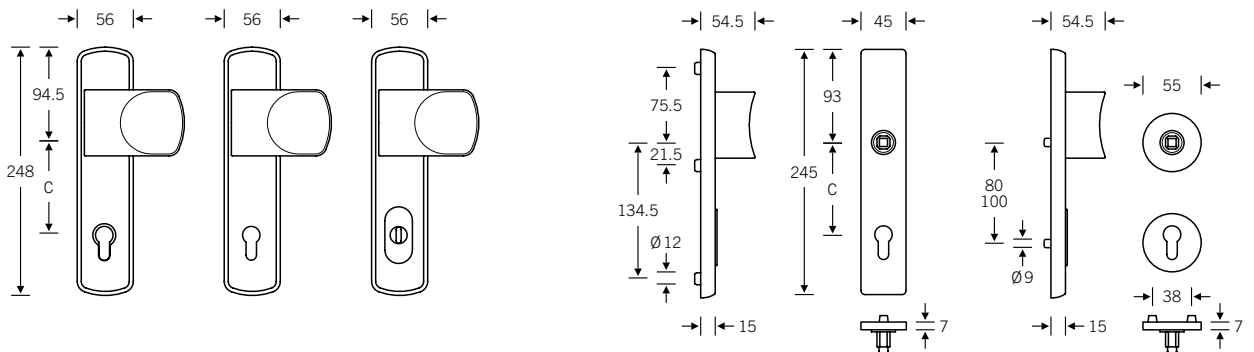
73 7385 ■ ■



Order details	Standard	<input type="checkbox"/> 73 7385	<input type="checkbox"/> 73 7585 (stainless steel only)
	Fire safety		
Set type		<input type="checkbox"/> Lever/knob set	<input type="checkbox"/> Lever/lever set*
Inside hardware		<input type="checkbox"/> Backplate	<input type="checkbox"/> Roses
Security grade of backplate set		<input type="checkbox"/> S2	11 mm
		<input type="checkbox"/> S2	15 mm
		<input type="checkbox"/> S2-ZA	8 – 15 mm
		<input type="checkbox"/> S4-ZA	8 – 15 mm
Security grade of rose set		<input type="checkbox"/> S2-ZA	8 – 15 mm
Set handing		<input type="checkbox"/> Handle inside pointing right	<input type="checkbox"/> Handle inside pointing left
Set to match door thickness		_____ mm	
Centres (C) for PC	<input type="checkbox"/> 72 mm	<input type="checkbox"/> 88* mm	<input type="checkbox"/> 92 mm
	<input type="checkbox"/> 78 mm, CH-RC*		
	<input type="checkbox"/> 72 mm		
Square spindle	<input type="checkbox"/> 8 mm	<input type="checkbox"/> 8.5* mm	<input type="checkbox"/> 10 mm
	<input type="checkbox"/> 9 mm		
Material/colour	Aluminium	<input type="checkbox"/> 0105	<input type="checkbox"/> _____
	Alu. + colour	<input type="checkbox"/> White	<input type="checkbox"/> _____
	Stainless Steel	<input type="checkbox"/> 6204	<input type="checkbox"/> 6205

Order quantity: _____ sets

Supplied door handle model:
FSB 1107 (aluminium, aluminium + colour, stainless steel)
Other models available upon request



8c



* S2-ZA only

Security fittings

Long backplate set

- Aluminium
- Stainless steel
- Bronze

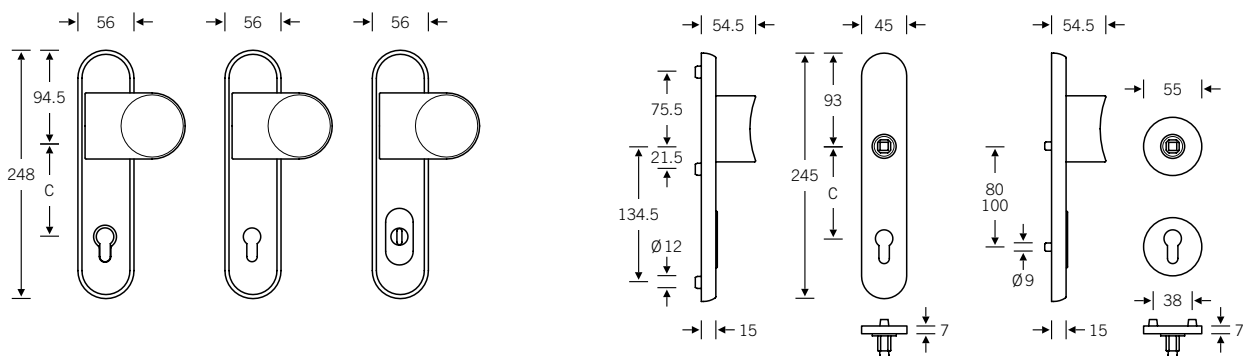
73 7386



Order details	Standard Fire safety	<input type="checkbox"/> 73 7386	<input type="checkbox"/> 73 7586 (stainless steel only)
Set type		<input type="checkbox"/> Lever/knob set	<input type="checkbox"/> Lever/lever set*
Inside hardware		<input type="checkbox"/> Backplate	<input type="checkbox"/> Roses
Security grade of backplate set		<input type="checkbox"/> S2	11 mm
		<input type="checkbox"/> S2	15 mm
		<input type="checkbox"/> S2-ZA	8 – 15 mm
		<input type="checkbox"/> S4-ZA	8 – 15 mm
Security grade of rose set		<input type="checkbox"/> S2-ZA	8 – 15 mm
Set handing		<input type="checkbox"/> Handle inside pointing right	<input type="checkbox"/> Handle inside pointing left
Set to match door thickness		_____ mm	
Centres (C) for PC	<input type="checkbox"/> 72 mm <input type="checkbox"/> 78 mm, CH-RC* <input type="checkbox"/> 72 mm	<input type="checkbox"/> 88* mm	<input type="checkbox"/> 92 mm
Square spindle	<input type="checkbox"/> 8 mm <input type="checkbox"/> 9 mm	<input type="checkbox"/> 8.5* mm	<input type="checkbox"/> 10 mm
Material/colour	Aluminium Alu. + colour Stainless Steel	<input type="checkbox"/> 0105 <input type="checkbox"/> White <input type="checkbox"/> 6204	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> 6205

Order quantity: _____ sets

Supplied door handle model:
FSB 1107 (aluminium, aluminium + colour, stainless steel)
Other models available upon request



* S2-ZA only



Security fittings

Sets for narrow-stile doors

- Aluminium
- Stainless steel
- Bronze

73 7330 ■ ■

73 7330 030
Ⓢ 73 7530 030

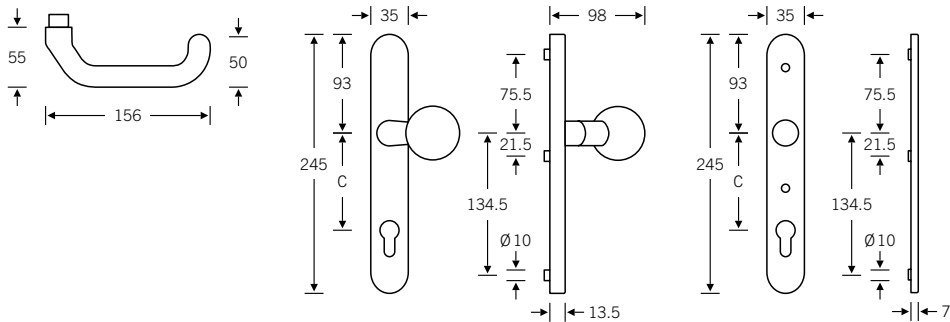
Lever/lever set for narrow-stile doors, lever handles with turnably fixed bearing on both sides, outside backplate 14 mm, inside backplate 7 mm, centres (C) for PC 72 and 92 mm

Square spindle 8 mm
Square spindle 9 mm

73 7330 031
Ⓢ 73 7530 031

Lever/knob set for narrow-stile doors, lever handle with turnably fixed bearing, outside backplate 14 mm, inside backplate 7 mm, centres (C) for PC 72 and 92 mm

Square spindle 8 mm
Square spindle 9 mm



8c



Ⓢ EN 179 model
 Certified under DIN 18257 ES 1

Ⓢ FSB ASL®
Ⓢ FSB AGL®
Ⓢ FS heavy-duty fitting
Ⓢ EN 179 heavy-duty fitting
 For bearings, see page 52 ff.

Security fittings

Sets for narrow-stile doors

- Aluminium
- Stainless steel
- Bronze

73 7331

73 7331 030 (ZA)
🔑 73 7531 030 (ZA)

Lever/lever set for narrow-stile doors with cylinder guard (ZA), lever handles with turnably fixed bearing on both sides, outside backplate 14 mm, inside backplate 7 mm, centres (C) for PC 72 and 92 mm

Square spindle 8 mm
Square spindle 9 mm

Suitable for cylinder projections of 8–13 mm

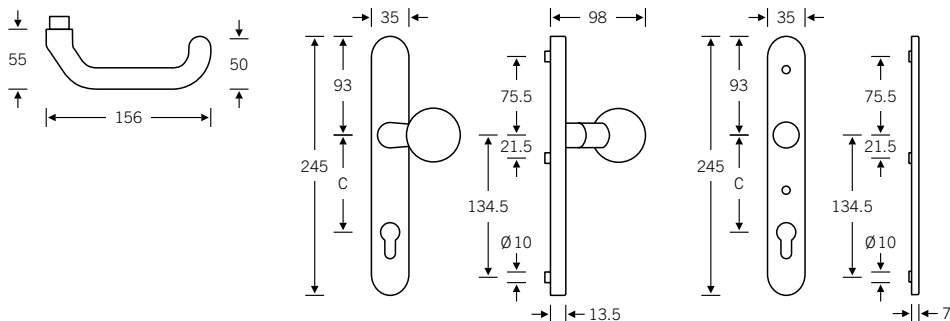


73 7331 031 (ZA)
🔑 73 7531 031 (ZA)

Lever/knob set for narrow-stile doors with cylinder guard (ZA), lever handle with turnably fixed bearing, outside backplate 14 mm, inside backplate 7 mm, centres (C) for PC 72 and 92 mm

Square spindle 8 mm
Square spindle 9 mm

Suitable for cylinder projections of 8–13 mm




🔑 EN 179 model
 Certified under DIN 18257 ES 1

🔑 FSB ASL®
 🔄 FSB AGL®
🔑 FS heavy-duty fitting
🔑 EN 179 heavy-duty fitting
 For bearings, see page 52 ff.

Security fittings

Security roses for narrow-stile doors

- Aluminium
- Stainless steel
- Bronze

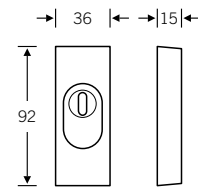
73 3244 



Suitable for cylinder projections of 10–17 mm, screw hole \varnothing 3.2 mm
Screw centres 70 mm

Not certified under DIN 18257 ES 1

The integrated security engineering requires the external dimensions of the security rose to protrude 11 mm beyond screw centres. Please bear this in mind where other fittings are involved.

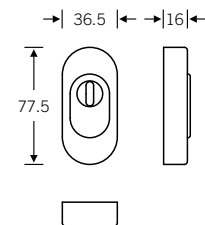


73 3249   



Suitable for cylinder projections of 10–17 mm, screw hole \varnothing 3.2 mm
Screw centres 50 mm

Not certified under DIN 18257 ES 1



8c

Security fittings

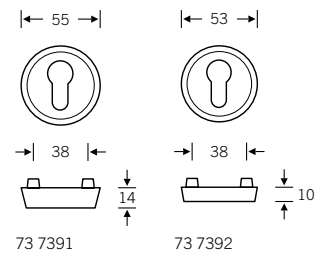
Security roses for flush doors


- Aluminium
- Stainless steel
- Bronze

73 7391 | 73 7392 

73 7391 (14 mm)
73 7392 (10 mm)

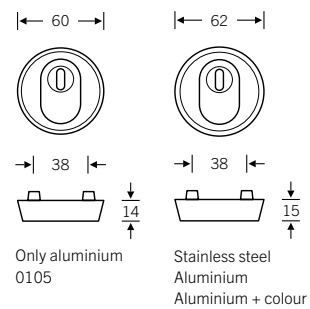
Not certified under DIN 18257 ES 1



73 7393 

Suitable for cylinder projections
of 8–15 mm

Not certified under DIN 18257 ES 1



Security fittings

Security roses for flush doors

■ Aluminium
■ Stainless steel
■ Bronze

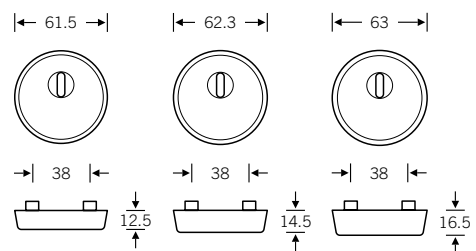
73 7395 ■ ■ ■



Suitable for cylinder projections (CP) as per table

Product code	Ø	CP	Height
73 7395 01010	61.5 mm	6.5 mm	12.5 mm
73 7395 01110	62.3 mm	8.5 mm	14.5 mm
73 7395 01210	63.0 mm	10.5 mm	16.5 mm

Given the cylinder lengths established on the market, these roses can only be used on doors 50 mm thick or more.



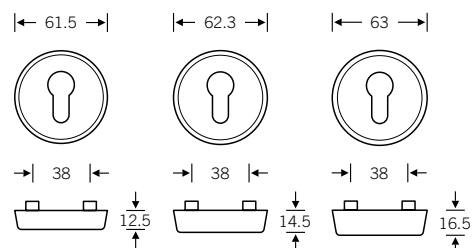
73 7395 ■ ■ ■



Suitable for cylinder projections (CP) as per table

Product code	Ø	CP*	Height
73 7395 00010	61.5 mm	12.5 mm	12.5 mm
73 7395 00110	62.3 mm	14.5 mm	14.5 mm
73 7395 00210	63.0 mm	16.5 mm	16.5 mm

* Recommended cylinder projection ± 1.5 mm



Both security roses have been tested and certified under DIN 18257 ES 1 and DIN 18273 for fire doors.

8c

Security fittings

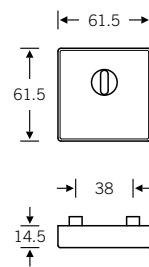
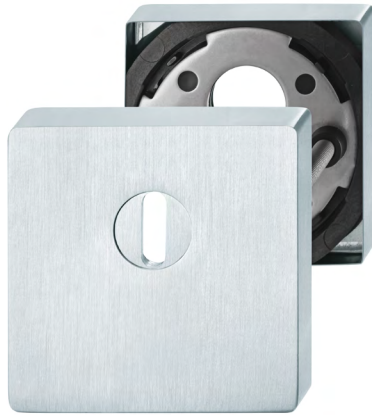
Security rose for flush doors

- Aluminium
- Stainless steel
- Bronze

73 7397

Tested and certified under DIN 18257 ES 1 and
DIN 18273 for fire doors, with square inside rose

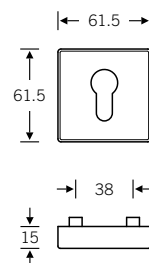
Product code		CP	Height
73 7397 01110	61.5 mm	8.5 mm	14.5 mm



73 7397

Tested and certified according to DIN 18 257 ES 1 and
DIN 18 273 for fire doors, with square inside rose

Product code		CP	Height
73 7397 00110	61.5 mm	The cylinder should not protrude more than 3 mm	15 mm



Security fittings

Flush-fitted security rose

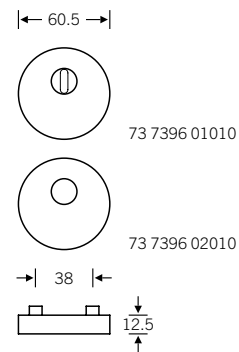
■ Aluminium
■ Stainless steel
■ Bronze



73 7396

73 7396 01010
(with cylinder guard)
73 7396 02010
(without cylinder guard)

- Door thickness 57 mm upwards
- Tested and certified under DIN 18257 ES 1 and DIN 18273 for fire doors
- Set includes flush-fitted variants on both sides
- M5 screws for fixing



Since flush-fitted installation has no bearing on the security grade, security roses can be installed with a small projection of a few millimetres or be surface-mounted in a 'classic' way.

Suitable routing jig:

FSB 03 0462 00030; see page 782

Order details required:

- Door thickness
- Variant 73 7396 01010 or 02010
- Material/finish
- Quantity

8c

743 **Technical information**
Security fittings

Technical information

Security fittings

Security concept

Modular multilayer design

FSB used its own modular multilayer design developed in-house when design-engineering the FSB 'Design + Security' fittings package. The multilayer design has proven its worth time and time again in practical use and has since become the industry

standard. The level of security set out in the standards is increased from one security grade to the next by replacing and adding materials.

EN 1627–1630

EN 1627 – 1630 are test standards for doors and windows as complete units: the door or window is tested with all of its components (frame, leaf, hinges, closure device, security fittings, lock cylinder, glass). These are superseding standards.

EN 1627 – 1630 specify different resistance classes (RC) which indicate how long a product is able to resist a break-in attempted by a specific type of perpetrator. A higher resistance class means better protection against burglary.

Resistance class (e.g. door)	Resistance time	Perpetrator profile
RC 1 N (N = not security glass)	–	Basic protection against break-in attempts with physical force (kicking in, forcing up, pulling off, etc.)
RC 2 N RC 2 (N = not security glass)	3 minutes	Opportunist breaking in with a simple tool (screwdriver, pliers, etc.)
RC 3	5 minutes	Opportunist breaking in with a second screwdriver and crowbar/nail puller
RC 4	10 minutes	Experienced criminal using additional tools such as a saw, hammer, axe, crowbar, chisel, cordless drill, etc.

EN 1906 and DIN 18257

FSB security fittings (except security roses) have been tested and classified under EN 1906. The products that meet the security grades as defined by EN 1906 are also permitted to be used for the aforementioned resistance classes (RC) set out in EN 1627 – 1630 and are therefore tested with other elements as a complete system. The security grades are defined as S1 to S4. FSB offers backplate sets as security fittings in both security grade S2 (with and without cylinder guard) and S4 (with cylinder guard).

FSB security roses have been tested and classified under DIN 18257 ES 1. The following table shows the different security grades and their requirements.

EN 1906 FSB security fittings* (backplate sets)	DIN 18257 FSB security roses**	Door	Description
Security grade 1 (S1)	ES 0	RC 1 N	low resistance
* Security grade 2 (S2/S2-ZA)	** ES 1 or ES 1-ZA	RC 2 N / RC 2	moderate resistance
Security grade 3 (S3)	ES 2 or ES 2-ZA	RC 3	high resistance
* Security grade 4 (S4/S4-ZA)	ES 3 or ES 3-ZA	RC 4	extra high resistance

Technical information




Security fittings

Backplate sets

FSB security fittings are delivered as backplate sets for the following door thicknesses as standard:

Internal doors 40–42 mm
 Entrance doors 67–69 mm
 Fire doors 53–57 mm

Explanations for the requirements for security grades S2 and S4

	Security grade 2 (S2) pursuant to EN 1906 open version	Security grade 2 (S2-ZA) pursuant to EN 1906 with cylinder guard (ZA)	Security grade 4 (S4-ZA) pursuant to EN 1906 with cylinder guard (ZA)
DIN 18257	ES 1 K DIN 18257 reg. no. 4X078 ES 1 L DIN 18257 reg. no. 4X076	ES 1 K-ZA DIN 18257 reg. no. 4X077 ES 1 L-ZA DIN 18257 reg. no. 4X079	ES 3 L-ZA DIN 18257 reg. no. 4X081
Strength of backplates	10 kN	10 kN	20 kN
Max. flexion	≤ 5 mm	≤ 5 mm	≤ 5 mm
Tensile strength of fixing	15 kN	15 kN	30 kN
Max. deformation	≤ 5 mm	≤ 5 mm	≤ 5 mm
Drill resistance	30 s	30 s	5 min
Chisel test resistance	3 strikes	3 strikes	12 strikes
Strength of cylinder guard	–	10 kN	20 kN
	Open version  Cylinder projection: 11 mm 15 mm The cylinder should not protrude more than 3 mm.	Cylinder guard (ZA) 	Cylinder guard (ZA) 
Product variant	Lever/knob sets in: – Long backplate variant – Short backplate variant as inside and outside backplate Rose variant on inside also possible	Lever/lever and lever/knob sets in: – Long backplate variant – Short backplate variant as inside and outside backplate Rose variant on inside also possible	Lever/knob sets in: – Long backplate variant as inside and outside backplate

8c

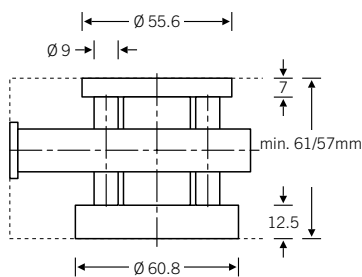
Technical information

Flush-fitted security rose

Routing dimensions

Routing dimensions: outside \varnothing 60.8 mm, depth 12.5 mm (routing bit \varnothing 20 mm, collar ring \varnothing 30 mm), inside \varnothing 55.6 mm, depth 7 mm (routing bit \varnothing 20 mm, collar ring \varnothing 30 mm). Lug drill holes (\varnothing 9 mm) 38 mm apart and at least 7 mm deep on both sides.

Routing on inside



Routing on outside

The routed areas need to be sealed subsequently, especially on the outside of the door!

A routing jig can be found under product code 03 0462 00030 on page 782.

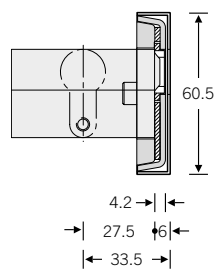
The defining dimension for flush-fitted security rose 73 7396 (door thicknesses of 57 mm upwards) is the distance between the centre of the lock and the outside of the door:

73 7396 01010 (with cylinder guard) at least 33.5 mm

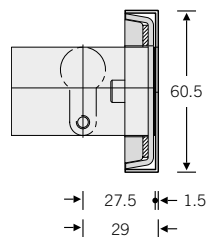
73 7396 02010 (without cylinder guard) 29 mm (due to the securing disc being omitted; has no effect on the security grade)

If the door is of a thinner type or the lock position is less than ideal, 73 7396 without a cylinder guard as opposed to the variant with a cylinder guard helps to compensate for cylinder projections up to 4.5 mm greater or doors up to 4.5 mm thinner.

73 7396 01010



73 7396 02010



Inside rose:

An additional distance of 27.5 mm from the lock centre to the inside of the door is required if the inside rose is likewise to be flush-fitted. The minimum door thickness required is thus 57 mm.

