



652/664aSi/5762ZAS MS
prices see page 354

Good design and an extensive selection of exterior backplates in different materials and designs are typical for the anti-burglary Series ZAS. The Model 5700 that is shown on this page is an excellent match for functional, linear lever handle forms. And like all ZAS Series backplates it can now be used for escape doors in accordance with EN 179.

Design: GRUNDMANN

Technical details

Anti-burglary series **ZAS** and series **ZAS-K** (with plug protection plate)

Category of use grade 4
ÖNORM EN 1906



checked
ÖNORM B 5351-W_B3
suited for ENV 1627-WK3
Reg.No. ON-N 2007 099



Backplates series ZAS/ZAS-K are checked fire retardant **ÖNORM B 3859** and **DIN 18273FS** (loose standard-bearing according to point 3.1). When ordering fittings checked according to DIN-standards, please choose an article no. with «FH» (e.g. 1752FH).



EN 179

On request fittings series ZAS and ZAS-K are delivered with fixed-rotating-housed lever handles for emergency exit doors. In this case please choose a GEOS-lever handle, that meets the standards for emergency exit doors according to **EN 179** (e.g. 1754FHA/5762ZAS)

Finishes

F1-SAT	= aluminium silver anodized satin finish
F2	= aluminium new silver anodized
MS	= brass extra bright
MS-N	= brass extra bright unlacquered
MS-Cr	= brass chrome plated
MS-Cr-SAT	= brass chrome plated satin finish
E-POL	= stainless steel extra bright
E-SAT	= stainless steel satin finish

Door thickness 37–41 mm

Please specify special door thicknesses.

Matching drilling template **192ZAS (brown)**

Tender text for anti-burglary fittings series ZAS

Anti-burglary fitting with a protective plate that is covered by a decorative plate in sandwich structure, increased resistance levels against bending, sawing impacts in the cylinder area because of 3 overlaid steel plates with an integrated manganese steel plate, 40 mm wide, inaccessible from the outside. Counter plate made of 3,5 mm thick steel, serves as a buttress for 3 high-strength steel screws M6. Traction force more than 20 kN (ca. 2 tons) per screw. Cylinder guide series ZAS is 10 mm (external plate 12 mm). Checked ÖNORM B 5351-W_B3 (EN1627) WK 3, e.g. 752/664aSi/5762 ZAS F1-SAT

Tender text for anti-burglary fittings series ZAS-K as series ZAS, plus:

Integrated plug protection provides protection against break-off and drilling of the cylinder as well as against intrusions with a plug removal device using the corkscrew method, surface hardened (60 HRC), suited for projections of the cylinder from 10 to 17 mm. Checked ÖNORM B 5351-W_B3 (EN1627) WK 3, e.g. 752/664aSi/5762 ZAS-K F1-SAT



- 1 Protective Backplate:**
The protective backplate is 40 mm wide and has a laminated design. It consists of several layered steel backplates and is characterised by its great strength. An integrated manganese steel back plate protects the lock in the cylinder and engaging areas against drilling, increased resistance levels against bending, sawing, impacts, etc.
- 2 External backplate:**
The ornamental backplate in aluminium, brass and stainless steel is 12 mm high and connected with the protective backplate.
- 3 Cylinder Guide:**
The ZAS design has a 10 mm high cylinder guide (with backplate 12 mm) and protects the cylinder against breaking.

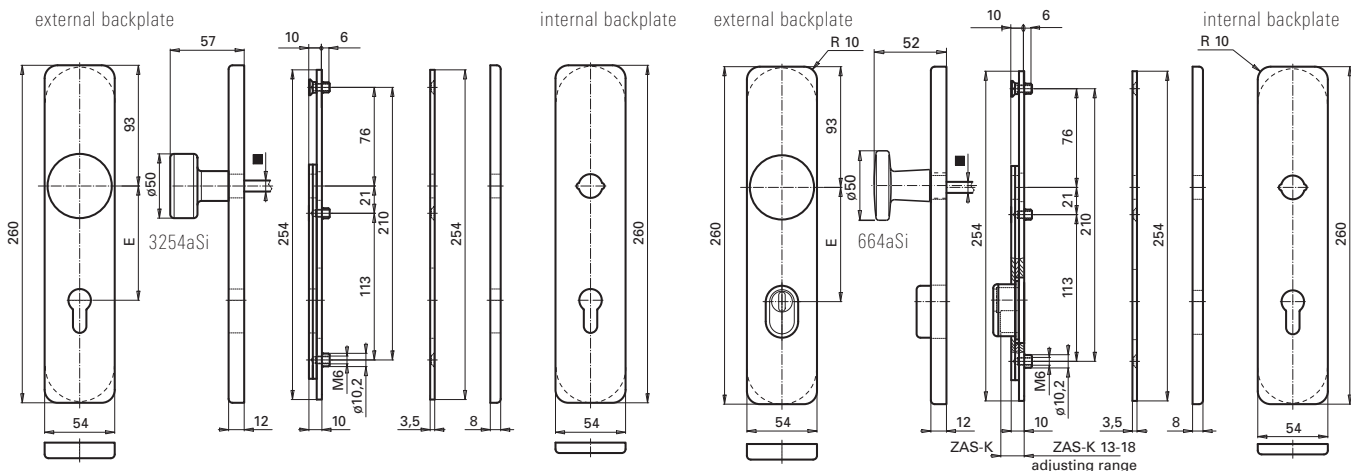
- 4 Counter backplate:**
Made of 3.5 mm thick galvanized steel and serves primarily as a buttress for the high-strength steel screws.
 - 5 Internal backplate:**
Ornamental backplate in aluminium, stainless steel and brass, invisible screw connections, connected to the counter backplate.
- Screw connection:
3 High-strength steel screws M6, not accessible externally.
Traction force more than 20 kN (ca. 2 tons) per screw.

Available also with plug protection (Series ZAS-K):

- 6 Cylinder covering with plug protection:**
This cylinder protection is made from steel, completely hardened, with solidly hardened cover plate made of steel (plug protection) and provides protection against break-off and drilling of the cylinder as well as against intrusions with a plug removal device using the corkscrew method. The cylinder cover can be adapted to cylinder ends in the range of 13–18 mm.

Technical details

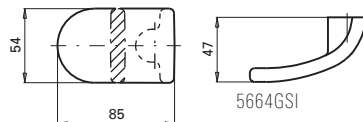
Anti-burglary series **ZAS** and series **ZAS-K** (with plug protection plate)



Anti-burglary fittings

Distance E	ØNORM	DIN	DIN 92	CH-NORM
For profile cylinder	88	72	92	78
Handle spindle	8,5	8/9 (FH)	10*	8

*) with compensating bush 8/10 square



backplate length 260 mm
backplate width 54 mm
backplate thickness external 12 mm
backplate thickness internal 8 mm
Series ZAS:
cylinder area outside 12 mm

