

- 534 Flush-fitted hardware
- 538 Flush-fitted FSB AGL[®] sets

Flush-fitted hardware

Product variants

It is not for reasons of modesty that we make our fittings virtually sink into their surroundings. With our flush-fitted product solutions, we have set a standard that has become established among architects and design-oriented home builders alike.

Routed edge radii on the roses and a precisely matched routing jig ensure an exact fit and achieve exclusive door design without CNC machining.

Flush-fitted door handles are available with round and square roses. The individual parts can also be configured to create a set (see page 316 ff.).

FSB AGL® set with round rose



Illustrative example featuring FSB 1144

- ↶ 72 8....
- ↷ 76 8....
- ↸ 79 8....

- For door thicknesses of 45 mm upwards
- Turnably fixed FSB AGL® bearing with positive mechanism
- Round roses
- Lever/lever sets, lever/knob sets, WC sets available
- Aluminium, stainless steel, bronze

The following models are not available flush-fitted with FSB AGL®: FSB 1016, 1043 1070, 1074, 1090, 1093, 1094, 1117, 1118, 1119, 1155, 1159, 1160 and 1287

Further information about FSB AGL® sets with round roses can be found on page 538 f.

Standard variant with round rose



Illustrative example featuring FSB 1003

- 17 1736 10001 (handle rose 8 mm)
- 17 1737 00... (key rose)

- Suitable for standard door thicknesses of 38–42 mm; available up to door thickness 67 mm (please specify door thickness when ordering)
- Adaptor system without positive mechanism
- Metal guide ring
- Available as individual parts
- No FS variant available
- Warded lock (WL), profile cylinder (PC) and WC variants
- Aluminium, stainless steel

The following models are not available as flush-fitted variants: FSB 1051, 1058, 1163, 1241, 1251, 1254, 1285

Further information about round flush-fitted roses can be found on page 364.

Standard variant with square rose



Illustrative example featuring FSB 1003

- 17 1733 10001 (handle rose 8 mm)
- 17 1734 00... (key rose)

- Suitable for standard door thicknesses of 38–42 mm; available up to door thickness 67 mm (please specify door thickness when ordering)
- Adaptor system without positive mechanism
- Metal guide ring
- Available as individual parts
- No FS variant available
- Warded lock (WL), profile cylinder (PC) and WC variants
- Aluminium, stainless steel

The following models are not available as flush-fitted variants: FSB 1051, 1058, 1163, 1241, 1251, 1254, 1285

Further information about square flush-fitted roses can be found on page 365.

For continuity of design across all relevant elements, there is flush-fitted hardware for windows. Nearly all FSB window handles with a click-stop mechanism can be supplied as completely flush-fitted variants – in RAL quality and fully suited to the building in question, of course.

The flush-fitted security roses from series 73 7396 also fit in perfectly with the design concept of flush-fitted fittings for internal doors, extending it to the entrance door.

Window handles with oval and angular rose



Illustrative example featuring FSB 1003 or FSB 1035

34 ... 09034 (oval rose)
34 ... 09036 (angular rose)

- Rose dimensions: 25.5 × 60.5 × 10.2 mm (w × h × d)
- Cover rose clips onto rose base
- Variable spindle projection of 14–28 mm
- For custom spindle projection, please specify when ordering
- Length of spindle accommodated within the adaptor at least 25 mm
- Aluminium, stainless steel, bronze

The following models are not available as flush-fitted window handles: FSB 1021, 1045, 1058, 1135, 1163, 1176, 1226

Further information about flush-fitted window handles can be found on page 410.

Round security rose for flush doors



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

- For door thicknesses of 56 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
- Can be combined with door pull
- Aluminium, stainless steel, bronze

Further information about flush-fitted security roses can be found on page 741.

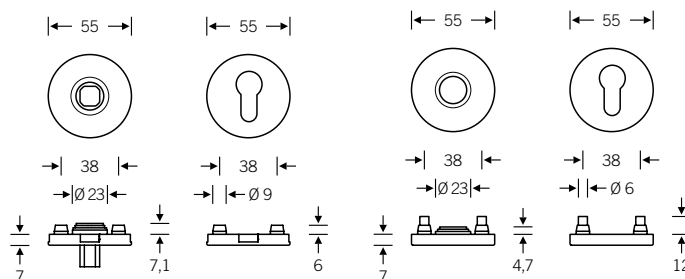
Flush-fitted hardware

Flush-fitted FSB AGL® sets

■ Aluminium
■ Stainless steel
■ Bronze



- | | | |
|-------------|--|-------------|
| 72 ... 8... | | 72 ... 8... |
| 76 ... 8... | | 76 ... 8... |
| 79 ... 8... | | 79 ... 8... |
- + Model number of the door handle
- + Set type:
 813 (R) | 814 (L) lever/lever set
 815 (R) | 816 (L) lever/knob set
 23 0802
 817 (R) | 818 (L) lever/knob set
 23 0829
 819 (R) | 820 (L) WC set (not in FSB AGL® FS)
- Suitable for door thicknesses of 45 mm upwards



Specification:

FSB AGL® 72: rose set, turnably fixed bearing in Teflon-coated metal bearing bushings for tolerance compensation

FSB AGL® FS 76 + 79: rose set, turnably fixed bearing for fire doors and smoke control doors

Note:

Routing work performed on existing fire and smoke control doors in preparation for installing flush-fitted hardware renders the door's fire-safety status void. Please consult the door maker on whether there is fire-safety approval for installing flush-fitted hardware on the door concerned or whether an exception can be made in this case.

Order details required:

- FSB AGL® FS set
- Door thickness
- Door handle model*, see page 76 ff.
- Keyway
- Material/finish
- Quantity

* The following models are not available in a flush-fitted variant as an FSB AGL® set: FSB 1016, 1043, 1070, 1074, 1090, 1093, 1094, 1117, 1118, 1119, 1155, 1159, 1160 and 1287

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

Flush-fitted hardware

Flush-fitted FSB AGL® sets

We provide CAD data for CNC routing. You can find these online in our digital catalogue at www.fsb.de/catalogue

Technical prerequisites: the door must be at least 45 mm thick; in the case of rebated doors, bear in mind the position of the lock mortise as well.

Drilling: to accommodate the stabiliser lugs, drill holes 9 mm in diameter at 38 mm centres to a depth of at least 7 mm – please use the FSB 03 0460 universal template for this.

(For the FSB 03 0460 universal template, see page 775)

Routing: the recess for the roses needs to be 55.6 mm in diameter, centred on the lock follower and routed to a depth of 7 mm. The remaining material between the bottom of the recess and the lock case must be stable and firm enough to ensure secure fastening without any pressure being exerted upon the lock.

(For the FSB 03 0462 000.. routing jig, see page 782)

Keyways and WC variants



WL PC I T

(Please request other keyways and centres individually)

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FSB AGL® WC roses for flush-fitted installation

