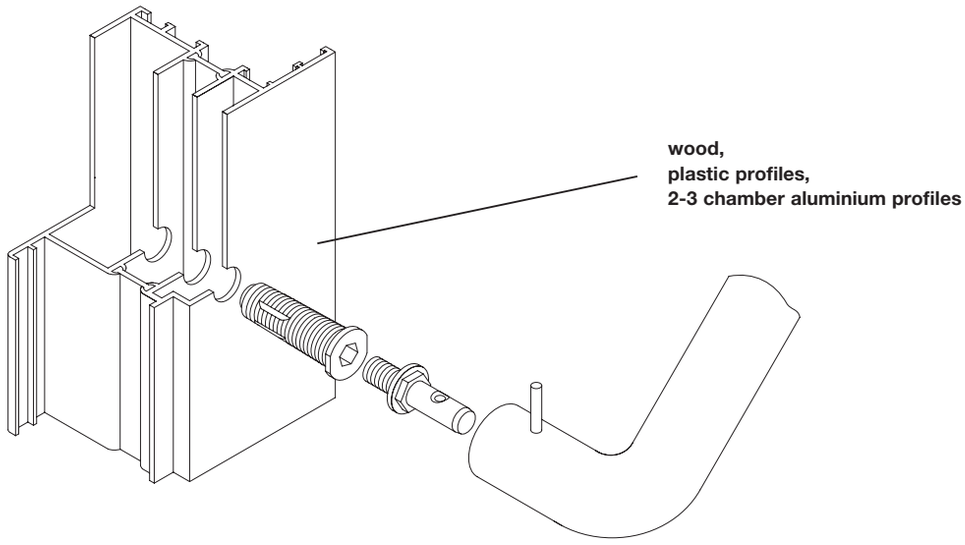
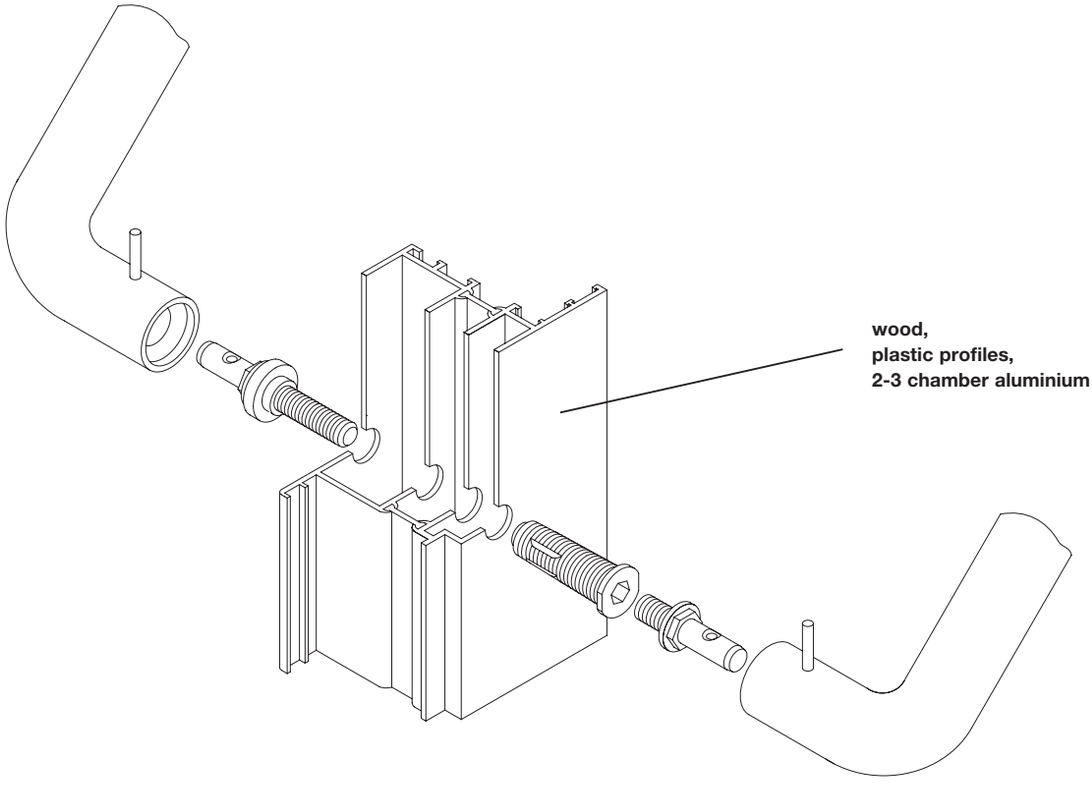
## One-sided installation




## Installation per pair



**Technical information for:**
**Pull handles and fixing concepts**
The system is equally suitable for wooden doors, plastic profiles, steel profiles and aluminium profiles, too. The heart of the new fixing system is the BA5.1 fixing sleeve.

**Advantages**
- one fixing system for 3 materials (wood, plastic, metal)
- storage space is reduced due to the use of only a few components
- easy and fast installation
- only perforated handle elements
- modular system
- high durability (alternating load of 100 kg for wood and aluminium, or of 50 kg for plastic)
- no deformation (denting) of the profiles
- customised packaging: packaging unit one, two or ten pieces etc.

**The heart of the fixing system**
Heart of the BA5.1 fixing system is the fixing sleeve of surface-hardened steel, which, by means of its special thread, can be fitted with a lasting and secure grip to wood, plastic, steel and aluminium profiles.
It covers 90% of all potential applications.

## Fixing sleeve

**Surface**
hardened, corrosion resistant

**Centring cone**
for guiding and centring during mounting

**Internal thread**
M 10, fine thread permitting exact pin adjustment, powerful grip

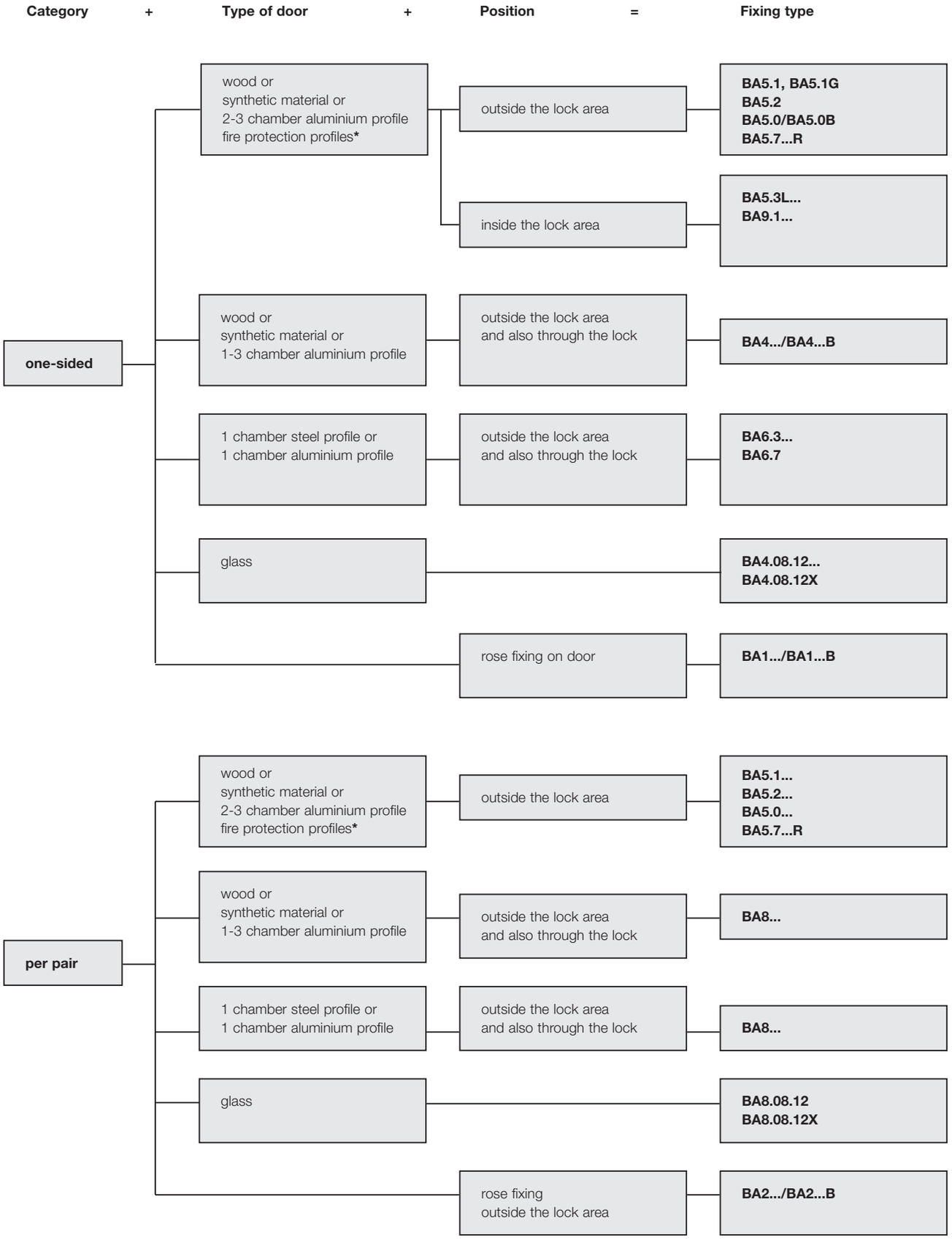
**Cutting edge**
reliably taps thread into material

**Special thread**
for lasting grip in wood, plastic and aluminium profiles

**Ring collar**
accurate, secure location on surface

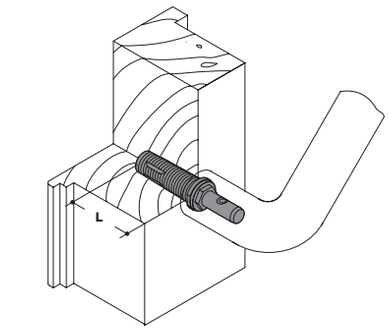
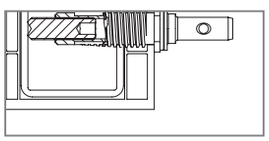
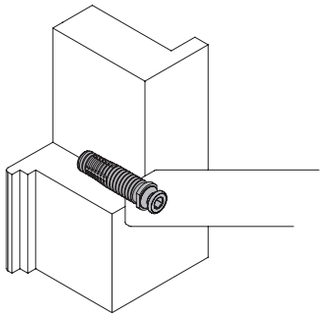
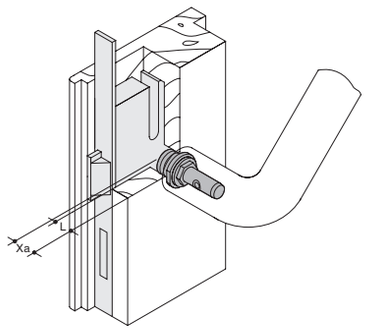
**Hexagonal socket**
AF 10 for reliable, effective screw insertion and tightening

| Allocation of fixing systems to pull handles | Fixing type | Indication of Pull handles with straight supports | Pull handles with inclined supports | Colour/ surface finish required | Door thickness required | Drill hole | for polyamide pull handles | for stainless steel pull handles |
|---|---|---|---|---|---|---|---|---|
| **one-sided** | **BA5.1, BA5.1G** | X | | | | 14 | X | X |
| | **BA5.1R, BA5.1GR** | | X | | | 14 | X | |
| | **BA5.2** | X | | | | 14 | X | X |
| | **BA5.2R** | | X | | | 14 | X | |
| | **BA5.3L...** | X | | | | 14 | X | X |
| | **BA5.3L...R** | | X | | | 14 | X | |
| | **BA5.0/BA5.0B** | X | | X | | 14 | X | |
| | **BA5.7.1R, BA5.7.2R, BA5.7.3L...R** | | X | | | 12 | | X |
| | **BA6.3...** | | | | | 8/M8 | X | X |
| | **BA6.3...R** | | X | | | 8/M8 | X | |
| | **BA6.7** | X | | | | 14 | X | X |
| | **BA6.7R** | | X | | | 14 | X | |
| | **BA9.1...** | X | | | | 14 | X | X |
| | **BA4.08.12 (glass)** | X | | | | 18 | X | |
| | **BA4.08.12X.. (glass)** | X | | | | 14 | | X |
| | **BA4...** | X | | X | X | 12 | X | X |
| | **BA4...R** | | X | X | X | 12 | X | |
| | **BA1...** | X | | X | | | X | |
| **per pair** | **BA5.1...** | X | | | X | 14 | X | X |
| | **BA5.1...R** | | X | | X | 14 | X | |
| | **BA5.2...** | X | | | X | 14 | X | X |
| | **BA5.2...R** | | X | | X | 14 | X | |
| | **BA5.0...** | X | | X | X | 14 | X | |
| | **BA5.7...R** | X | X | | | | | X |
| | **BA8.08.12 (glass)** | X | | | | 12 | X | |
| | **BA8.08.12X.. (glass)** | X | | | | 18 | | X |
| | **BA8...** | X | | | X | 14 | X | X |
| | **BA2...** | X | | X | | 12 | X | |

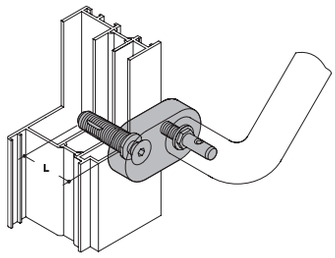
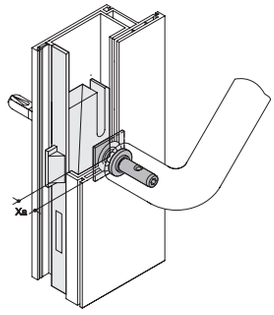
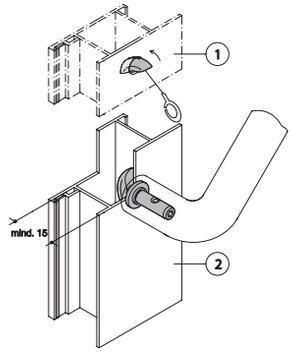
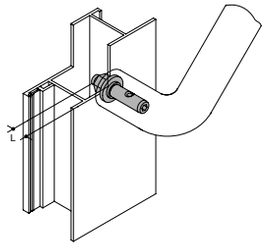



***** Fire protection profiles made of steel, stainless steel or aluminium. Please note the valid fire protective regulations according to European and German Standard/Regulation. Hotline +49 5691 82-300 or international@hewi.com

→ HEWI Renovation solution for stainless steel handles

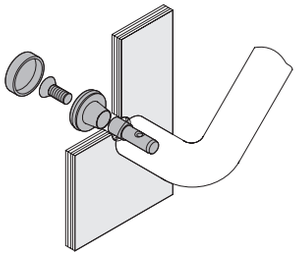
| | Item number | Specification |
|---|---|---|
|   | | **HEWI Fixing type 5.1.../5.2...**<br>· for securing handles on one side to solid wood, synthetic material and 2 to 3-chamber aluminium sections, fire protection profiles made of steel, stainless steel or aluminium<br>· drill hole in door ø 14 mm |
| | **BA5.1** | · dimension L = 46 mm, door thickness > 50 mm |
| | **BA5.1R** | · do., for **pull handle 33.2070S/33.2070BS** |
| | **BA5.1G** | · do., with grub screw for additional anchoring in metal reinforcement of the synthetic material profile (see detail) |
| | **BA5.1GR** | · do., for **pull handle 33.2070S/33.2070BS** |
| | **BA5.2** | · dimension L = 32,5 mm, door thickness 40-50 mm |
| | **BA5.2R** | · do., for **pull handle 33.2070S/33.2070BS** |
| | | **Tools required**<br>· open jawed spanner AF13 / AF19<br>· hexagonal spanner AF10 / AF6 (at ...R) |
|  | | **HEWI Fixing type 5.7...**<br>· for securing handles on one side to solid wood, synthetic material and 2 to 3-chamber aluminium sections, fire protection profiles made of steel, stainless steel or aluminium<br>· drill hole in door ø 12 mm |
| | **BA5.7.1R** | · dimension L = 46, door thick. > 50 mm, for **pull handle 160X3000G7** |
| | **BA5.7.2R** | · dimension L = 32,5, door thick. 40 - 50 mm, for **pull handle 160X3000G7** |
| | | **Tools required**<br>· open jawed spanner AF13<br>· hexagonal spanner AF6 / AF8 |
|  | | **HEWI Fixing type 5.3L... / 5.7.3L...**<br>· for securing handles on one side to solid wood, synthetic material and 2 to 3-chamber aluminium sections, fire protection profiles made of steel, stainless steel or aluminium inside the lock area<br>· drill hole in door ø 14 mm |
| | **BA5.3L16 to BA5.3L31** | · dimension L = 16 mm, dim. Xa min. 18 mm, drill hole in door ø 14 mm<br>· dimension L = 31 mm, dim. Xa min. 33 mm, drill hole in door ø 14 mm |
| | **BA5.3L...R** | · do., for **pull handle 33.2070S/33.2070BS** |
| | | **Tools required**<br>· open jawed spanner AF13 / AF19<br>· hexagonal spanner AF10 / AF6 (at ...R) |
| | **BA5.7.3L...R** | · dimension L = 16 mm, dim. Xa min. 18 mm, drill hole in door ø 12 mm<br>· dimension L = 31 mm, dim. Xa min. 33 mm, drill hole in door ø 12 mm,<br>· for **pull handle 160X3000G7** |
| | | **Tools required**<br>· open jawed spanner AF13<br>· hexagonal spanner AF6 / AF8 |
| | | **Mounting instructions**<br>Length measurement: dimension Xa - 2 mm = dimension L.<br>As the mounting sleeve does not have any cutting edges, the securing drill hole with sleeve 5.1 / 5.2 respect. 5.7.1 / 5.7.2 must be rough-cut. The second securing point should feature BA5.1 / BA5.2 respect. BA5.7.1 / BA5.7.2 for stability reasons. |

→ One-sided rose fixing

| | Item number | Specification |
|---|---|---|
|  | **BA5.0*** <br> **BA5.0B*** | **HEWI Fixing type 5.0** <br> · for securing handles on one side to solid wood, synthetic material and 2 to 3-chamber aluminium sections, fire protection profiles made of steel, stainless steel or aluminium <br> · drill hole in door ø 14 mm <br> · dimension L = 46 mm, door thickness > 50 mm <br> · do., for pull handles made of matt polyamide <br> Please advise colour when ordering.* <br> Rose fixing: height of handle + 18 mm <br> A safety distance of 25 mm to the closing edge is ensured according to accident prevention regulations for schools GUV – VS 1 and guidelines for kindergartens – construction and equipment GUV – SR 2002 <br> **Tools required** <br> · hexagonal spanner AF6 and AF10, open jawed spanner AF19 |
|  | **BA9.1.15.20** <br> **BA9.1.18.23** | **HEWI Fixing type 9.1...** <br> · for securing handles on one side to solid wood, synthetic material and 2 to 3-chamber aluminium sections, fire protection profiles made of steel, stainless steel or aluminium <br> · drill hole in door ø 14 mm <br> · dimension Xa 15-20 mm <br> · dimension Xa 18-23 mm <br> **Tools required** <br> · hexagonal spanner AF6 <br> **Mounting instructions** <br> The lock case needs to be removed in order to insert the mounting sleeve. The second securing point should feature BA5.1 or BA5.2 for stability reasons. |
|  | **BA6.7** <br> **BA6.7R** | **HEWI Fixing type 6.7** <br> · for one-sided fixing on profile doors <br> · drill hole in door ø 14 mm <br> · do., for **pull handle 33.2070S/33.2070BS** <br> **Tools required** <br> · hexagonal spanner AF6 <br> **Mounting instructions** <br> Min. 15 mm clearance must be maintained between the first and second wall when mounting the push-in nut. |
|  | **BA6.3.25** <br> **BA6.3.35** <br> **BA6.3.60** <br> **BA6.3...R** | **HEWI Fixing type 6.3...** <br> · for one-sided fixing on metal or profile doors <br> · supplied without blind rivet nut or hexagon nut M8 <br> dimension L <br> 25 mm <br> 35 mm <br> 60 mm <br> · do., for **pull handle 33.2070S/33.2070BS** <br> **Tools required** <br> · hexagonal spanner AF6 <br> **Mounting instructions** <br> Using on metal: thread in door = M8 x length of screw. <br> Using on sections with blind rivet nut: drill hole in door = depending on the exterior dimension of the nut, rivet flush. <br> Using on sections with hexagon nut: drill hole in door = ø 8 mm. |

***Available polyamide colours**

98* 99 97* 95* 92* 90 *in matt available until 31.03.2025



**BA4.08.12***
**BA4.08.12B***

**HEWI Fixing type 4.08.12 for pull handles made of polyamide**
**HEWI Fixing type 4.08.12 for pull handles made of matt polyamide**
· for rear-mounting of handle to glass using a blind rose fitting ø 33 mm
· drill hole in door ø 18 mm

Please advise colour when ordering.*

**Tools required**
· hexagonal spanner AF5

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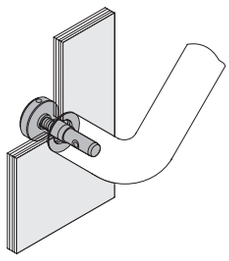

**BA4.08.12XA****

**BA4.08.12XA**R**

**HEWI Fixing type 4.08.12XA for pull handles made of st. steel**
· for rear-mounting of handle to glass using a blind rose fitting
· drill hole in door ø 14 mm

· do., only for **pull handles 100X...G7, 160X3000G7**

**Tools required**
· hook wrench

Please indicate diameter** when ordering.

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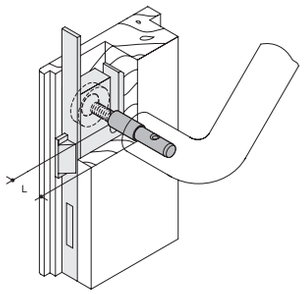


**HEWI Fixing type 4... for pull handles made of polyamide**
· for rear-mounting of handle to solid wood, plastic and 1 to 3-chamber aluminum sections using a blind rose fitting ø 33 mm
· drill hole in door ø 12 mm, dimension L = insert depth

Please advise colour when ordering.*

**Tools required**
· hexagonal spanner AF5

**Mounting instructions**
can also be used for securing using mortice locks.

| for pull handles, polyamide | for pull handles, matt polyamide | dimension L | door thickness |
|---|---|---|---|
| **BA4.12.20*** | **BA4.12.20B*** | 6 mm | 12-20 mm |
| **BA4.20.30*** | **BA4.20.30B*** | 6 mm | 20-30 mm |
| **BA4.30.40*** | **BA4.30.40B*** | 6 mm | 30-40 mm |
| **BA4.40.50*** | **BA4.40.50B*** | 6 mm | 40-50 mm |
| **BA4.50.60*** | **BA4.50.60B*** | 16 mm | 50-60 mm |
| **BA4.60.70*** | **BA4.60.70B*** | 16 mm | 60-70 mm |
| **BA4.70.80*** | **BA4.70.80B*** | 16 mm | 70-80 mm |
| **BA4.80.90*** | **BA4.80.90B*** | 16 mm | 80-90 mm |
| **BA4...R*** | **BA4...RB*** | · do., for **pull handle 33.2070S/33.2070BS** | |

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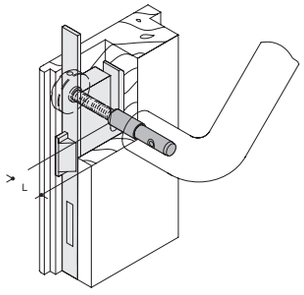


**HEWI Fixing type 4...XA for pull handles made of stainless steel**
· for rear-mounting of handle to solid wood, synthetic material and 2 to 3-chamber aluminium sections
· drill hole in door ø 12 mm, dimension L = insert depth

| | dimension L | door thickness |
|---|---|---|
| **BA4.12.20XA**** | 6 mm | 12-20 mm |
| **BA4.20.30XA**** | 6 mm | 20-30 mm |
| **BA4.30.40XA**** | 6 mm | 30-40 mm |
| **BA4.40.50XA**** | 6 mm | 40-50 mm |
| **BA4.50.60XA**** | 16 mm | 50-60 mm |
| **BA4.60.70XA**** | 16 mm | 60-70 mm |
| **BA4.70.80XA**** | 16 mm | 70-80 mm |
| **BA4.80.90XA**** | 16 mm | 80-90 mm |

**BA4...XA**R**

· do., for door thickness 12 - 80 mm available
· only for **pull handle 160X3000G7**

**Tools required**
· hook wrench

**Mounting instructions**
can also be used for securing using mortice locks.

Please indicate diameter** when ordering.

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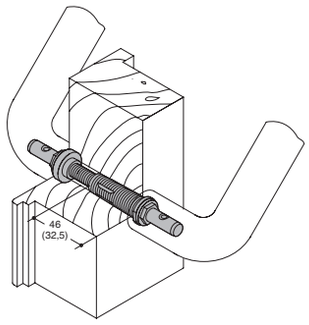
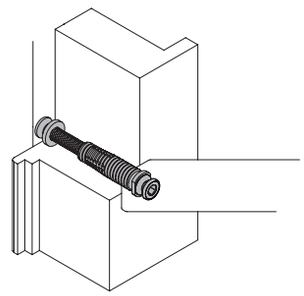
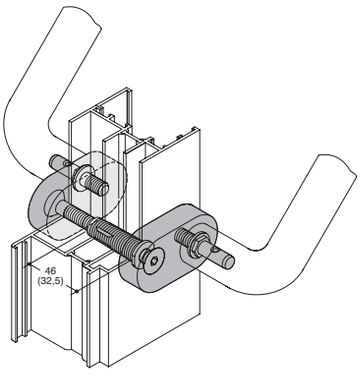
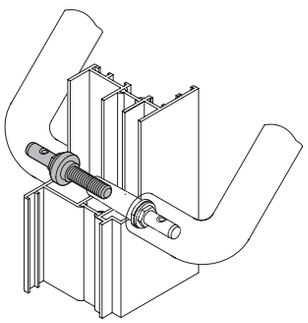
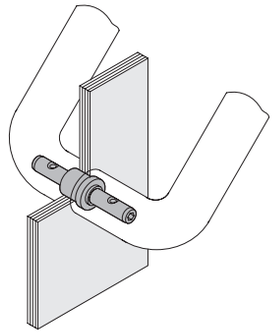
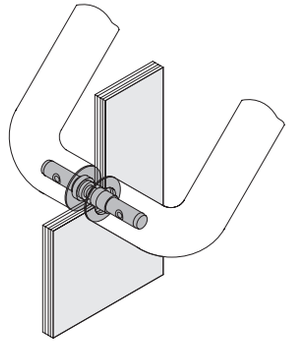
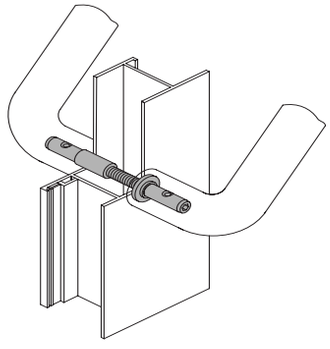
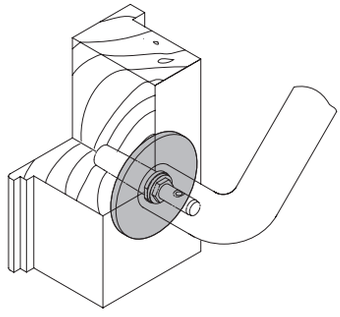
** **...2** = ø 25 mm
**...3** = ø 30 mm

| | Item number | Specification |
|---|---|---|
|  | | **HEWI Fixing type 5.1.../5.2...**<br>· for double-sided fixing to solid wood, synthetic material and 2 to 3-chamber aluminium sections, fire protection profiles made of steel, stainless steel or aluminium, drill hole in door ø 14 mm |
| | **BA5.2.38.43** | door thickness 38-43 mm |
| | **BA5.2.43.48** | door thickness 43-48 mm |
| | **BA5.2.48.55** | door thickness 48-55 mm |
| | **BA5.2...R** | · do., for **pull handle 33.2070S/33.2070BS** |
| | **BA5.1.55.70** | door thickness 55-70 mm |
| | **BA5.1.70.85** | door thickness 70-85 mm |
| | **BA5.1...R** | · do., for **pull handle 33.2070S/33.2070BS** |
| | | **Tools required**<br>· open jawed spanner AF13 / AF19<br>· hexagonal spanner AF10 and AF6 (at ...R) |
|  | | **HEWI Fixing type 5.7...R**<br>· for double-sided fixing to solid wood, synthetic material and 2 to 3-chamber aluminium sections, fire protection profiles made of steel, stainless steel or aluminium, drill hole in door ø 12 mm<br>· for **pull handle 160X3000G7** |
| | **BA5.7.38.43R** | door thickness 38 - 43 mm |
| | **BA5.7.43.48R** | door thickness 43 - 48 mm |
| | **BA5.7.48.55R** | door thickness 48 - 55 mm |
| | **BA5.7.55.70R** | door thickness 55 - 70 mm |
| | **BA5.7.70.85R** | door thickness 70 - 85 mm |
| | | **Tools required**<br>· open jawed spanner AF13 and hexagonal spanner AF6 / AF8 |
|  | | **HEWI Fixing type 5.0...**<br>· for double-sided fixing to solid wood, synthetic material and 2 to 3-chamber aluminium sections, fire protection profiles made of steel, stainless steel or aluminium, drill hole in door ø 14 mm<br>Please advise colour when ordering.*****<br>Rose fixing: height of handle + 18 mm<br>A safety distance of 25 mm to the closing edge is ensured according to accident prevention regulations for schools GUV – VS 1 and guidelines for kindergartens – construction and equipment GUV – SR 2002<br>**Tools required**<br>open jawed spanner AF19 and hexagonal spanner AF6 / AF10 |
| **for pull handles, polyamide** | **for pull handles, matt polyamide** | |
| **BA5.0.35.40*** | **BA5.0.35.40B*** | door thickness 35-40 mm |
| **BA5.0.40.45*** | **BA5.0.40.45B*** | door thickness 40-45 mm |
| **BA5.0.45.50*** | **BA5.0.45.50B*** | door thickness 45-50 mm |
| **BA5.0.50.55*** | **BA5.0.50.55B*** | door thickness 50-55 mm |
| **BA5.0.55.70*** | **BA5.0.55.70B*** | door thickness 55-70 mm |
| **BA5.0.70.85*** | **BA5.0.70.85B*** | door thickness 70-85 mm |
|  | | **HEWI Upgrade set**<br>· for BA5.1/BA5.1R conversion<br>· for double-sided fixing to solid wood, synthetic material and 2 to 3-chamber aluminium sections, fire protection profiles made of steel, stainless steel or aluminium, drill hole in door ø 14 mm |
| | **BA55.70** | door thickness 55-70 mm |
| | **BA55.70R** | · do., for **pull handle 33.2070S/33.2070BS** |
| | **BA70.85** | door thickness 70-85 mm |
| | **BA70.85R** | · do., for **pull handle 33.2070S/33.2070BS** |
| | | **Mounting instructions**<br>· open jawed spanner AF13 and hexagonal spanner AF6 (at ...R) |

*** Available polyamide colours**

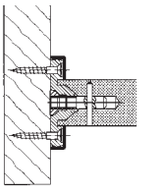
98* 99 97* 95* 92* 90 *in matt available until 31.03.2025

| | Item number | Specification |
|---|---|---|
|  | | **HEWI Fixing type 8.08.12 for pull handles made of polyamide**<br>· for double-sided fixing to glass<br>· drill hole in door ø 18 mm |
| | **BA8.08.12** | door thickness 8-12 mm |
| | **BA8.08.12R** | · do., for **pull handle 33.2070S/33.2070BS** |
| | | **Tools required**<br>· hexagonal spanner AF6 |
|  | **BA8.08.12X** | **HEWI Fixing type 8.08.12X for pull handles made of st. steel**<br>· for double-sided fixing to glass<br>· drill hole in door ø 14 mm<br>· door thickness 8-12 mm<br>· incl. plain washers ø 25 and ø 30 mm for protection of the glass surface<br>**Tools required**<br>· hexagonal spanner AF6 |
|  | | **HEWI Fixing type 8....**<br>· for double-sided fixing to solid wood, synthetic material, steel and aluminium sections<br>· drill hole in door ø 12 mm |
| | **BA8.12.20** | door thickness 12-20 mm |
| | **BA8.20.30** | door thickness 20-30 mm |
| | **BA8.30.40** | door thickness 30-40 mm |
| | **BA8.40.50** | door thickness 40-50 mm |
| | **BA8.50.60** | door thickness 50-60 mm |
| | **BA8.60.70** | door thickness 60-70 mm |
| | **BA8.70.80** | door thickness 70-80 mm |
| | **BA8.80.90** | door thickness 80-90 mm |
| | **BA8...R** | · do., for **pull handle 33.2070S/33.2070BS**<br>**Tools required**<br>· hexagonal spanner AF6<br>**Mounting instructions**<br>can also be used for securing using mortice locks. |
|  | **505340A** | **HEWI Renovation solution for stainless steel handles**<br>· disk to cover existing drill holes in the door<br>· ø 70 mm, 4 mm deep<br>· made of stainless steel<br>· supplied without fixing type |

Item number

Specification

## One-sided installation

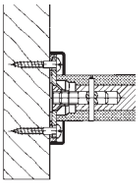


**HEWI Fixing type 1...PA...**
· for one-sided handle fixing from the front with polyamide roses

Not for use with handles with inclined supports.
Supplied without ø 6 mm countersunk screws.

Please advise colour when ordering.*****

| for pull handles, polyamide | for pull handles, matt polyamide | Support | Cap | Rose base | Handle mounting height |
|---|---|---|---|---|---|
| **BA1.30PA*** | **BA1.30PAB*** | ø 30 mm | ø 68 mm | polyamide | + 8 mm |
| **BA1.33PA*** | **BA1.33PAB*** | ø 33 mm | ø 70 mm | polyamide | + 6 mm |
| **BA1.40PA*** | | ø 40 mm | ø 80 mm | polyamide | + 6 mm |



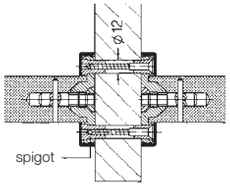
**HEWI Fixing type 1...STG...**
· for one-sided handle fixing from the front with steel rose base and polyamide roses

Not for use with handles with inclined supports.
Supplied without ø 6 mm countersunk screws.

Please advise colour when ordering.*****

| for pull handles, polyamide | for pull handles, matt polyamide | Support | Cap | Rose base | Handle mounting height |
|---|---|---|---|---|---|
| **BA1.30STG*** | **BA1.30STGB*** | ø 30 mm | ø 70 mm separated | steel | + 5 mm |
| **BA1.33STG*** | | ø 33 mm | ø 80 mm separated | steel | + 5 mm |

## Installation per pair

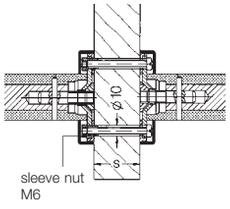



**HEWI Fixing type 2...PA...**
· for double-sided handle fixing from the front with polyamide roses

Not for use with handles with inclined supports.
Supplied without fixing material.

Please advise colour when ordering.*****

| for pull handles, polyamide | for pull handles, matt polyamide | Support | Cap | Rose base | Handle mounting height |
|---|---|---|---|---|---|
| **BA2.30PA*** | **BA2.30PAB*** | ø 30 mm | ø 68 mm | polyamide | + 8 mm |
| **BA2.33PA*** | **BA2.33PAB*** | ø 33 mm | ø 70 mm | polyamide | + 6 mm |
| **BA2.40PA*** | | ø 40 mm | ø 80 mm | polyamide | + 6 mm |




**HEWI Fixing type 2...STG...**
· for double-sided handle fixing from the front with steel rose base and polyamide roses respectively matt polyamide roses

Not for use with handles with inclined supports.
Supplied without screws M6.

Please advise colour when ordering.*****

| for pull handles, polyamide | for pull handles, matt polyamide | Support | Cap | Rose base | Handle mounting height |
|---|---|---|---|---|---|
| **BA2.30STG*** | **BA2.30STGB*** | ø 30 mm | ø 70 mm separated | steel | + 5 mm |
| **BA2.33STG*** | | ø 33 mm | ø 80 mm separated | steel | + 5 mm |

*** Available polyamide colours**

98* 99 97* 95* 92* 90 *in matt available until 31.03.2025