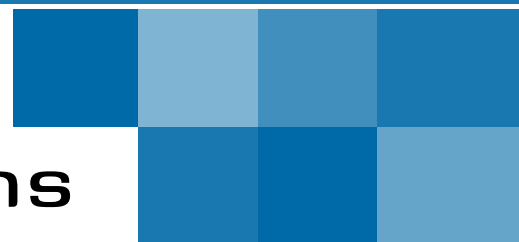


**SIEGWARE**



Architectural Innovations

# Aluminium Fabricators Catalogue 2020

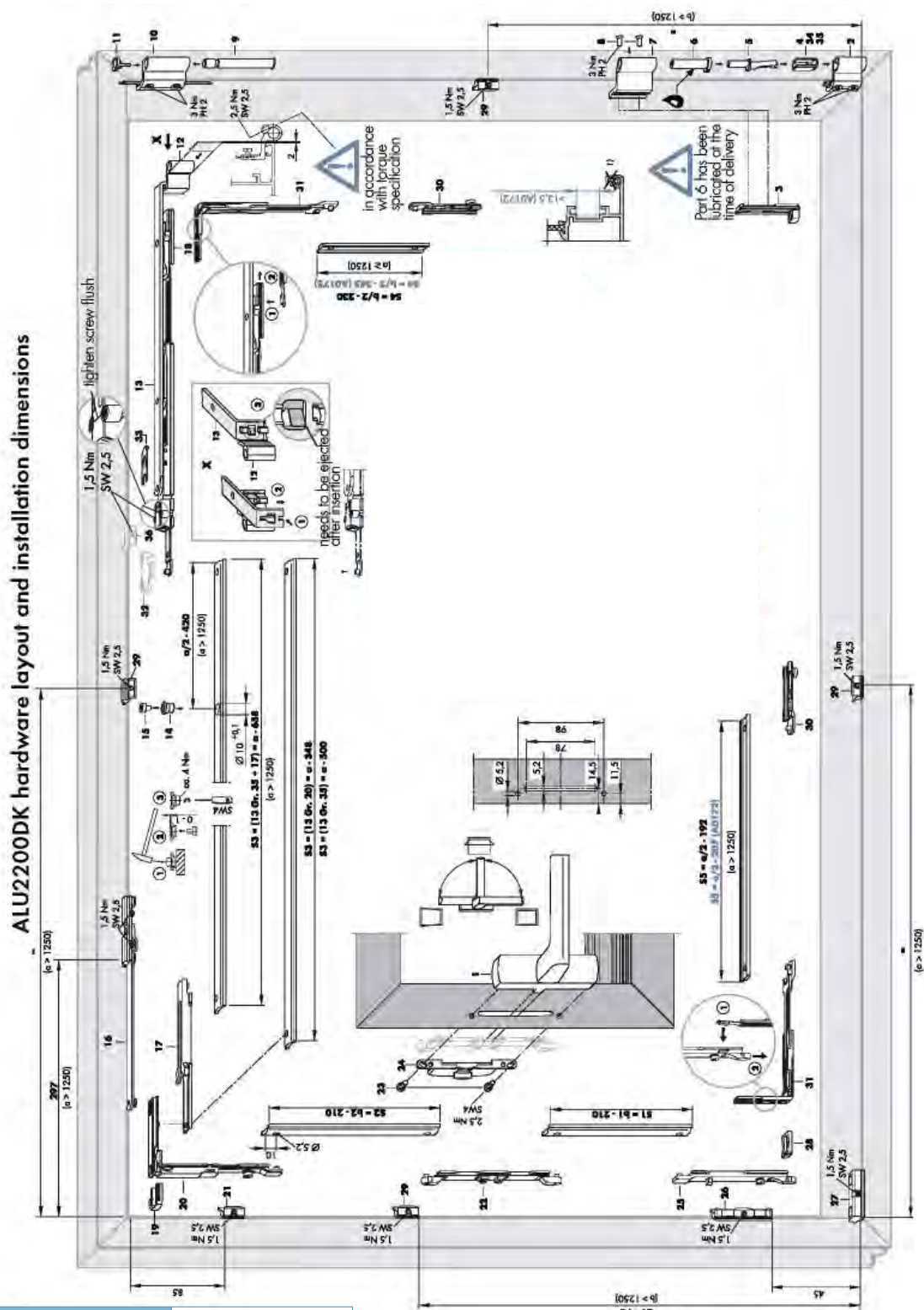
# Aluminium

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## ALU 2200-DK Tilt & Turn

### Product information

Suitable for sash weights up to 80kg, comprehensive range of accessories available, and the non-handed hinge side enables the system to be universally applicable.



|                  |            |
|------------------|------------|
| sash width (mm)  | 375 - 1600 |
| sash height (mm) | 550 - 2400 |
| sash weight (kg) | max 80     |

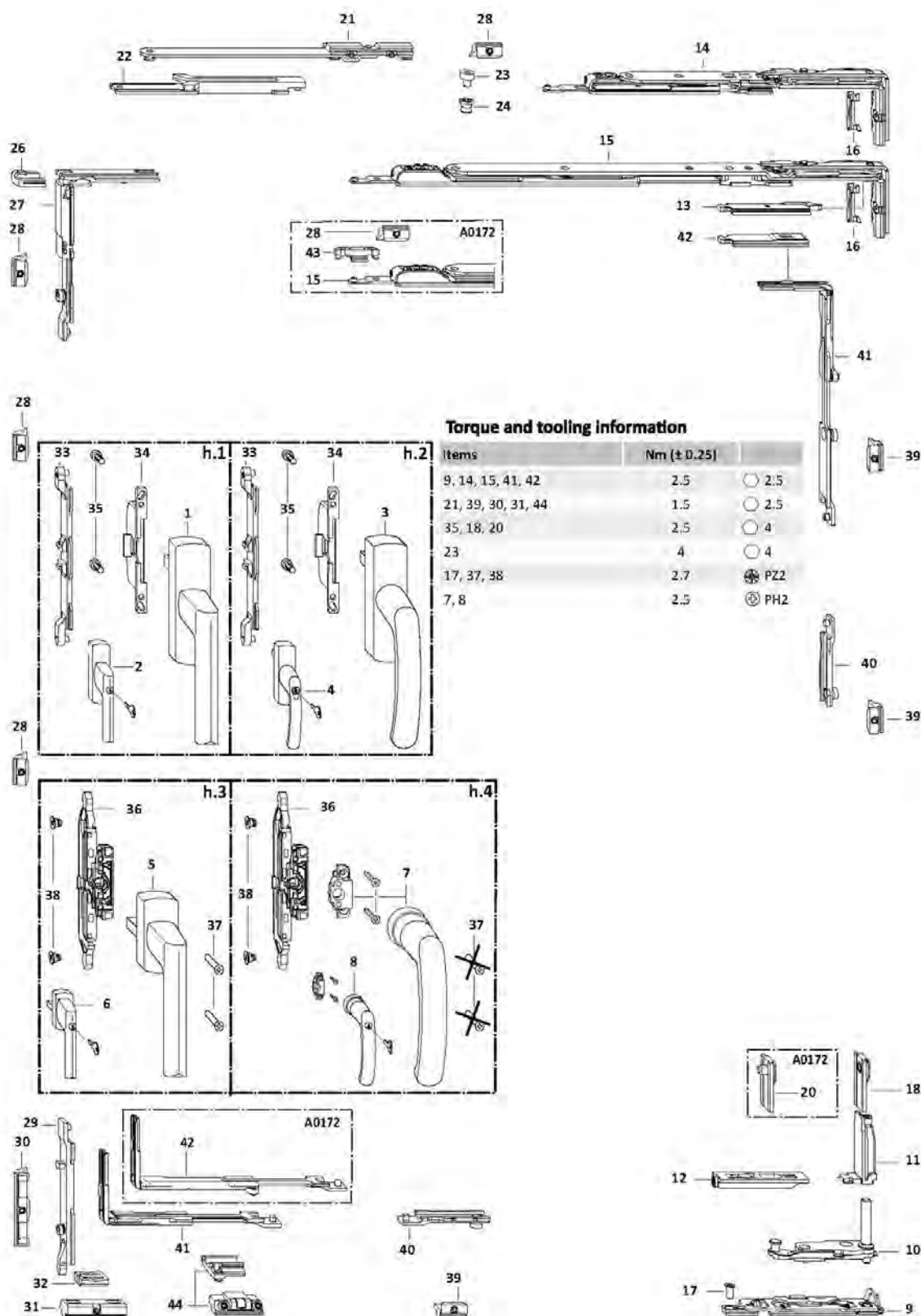
## ALU 2200-DK Tilt & Turn - continued

| drawing number | description |                                             | part number                                                       | quantity                                              | remark |
|----------------|-------------|---------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------|--------|
| normal parts   | 2-12        | BS ALU 2200                                 | silver                                                            | NHSS0050-5K7020                                       | 1      |
|                |             |                                             | white                                                             | NHSS0050-504020                                       | 1      |
|                |             |                                             | black                                                             | NHSS0050-523020                                       | 1      |
|                |             |                                             | silver                                                            | MMBS0060-5K720Z                                       | 1      |
|                |             |                                             | white                                                             | MMBS0060-504020                                       | 1      |
|                |             |                                             | brown                                                             | MMBS0060-533020                                       | 1      |
|                |             |                                             | black                                                             | MMBS0060-523020                                       | 1      |
|                |             |                                             | titan matt dark                                                   | NMBS6010-535020                                       | 1      |
|                | 13          | stay ALU 2200<br>1) use additional stay ALU | size a<br>20 375-600<br>35 601-1250<br>35 <sup>1)</sup> 1251-1600 | MSKK0010-000030<br>MSKK0210-000030<br>MSKK0210-000030 | 1      |
|                | 14-17       | additional stay                             | lock sleeve                                                       | 247006                                                | 1      |
|                |             |                                             | lock                                                              |                                                       | 1      |
|                |             |                                             | additional stay                                                   |                                                       | 1      |
|                |             |                                             | locking                                                           |                                                       | 1      |
|                | 18          | locking bolt DK                             |                                                                   | 317464                                                | 1      |
|                | 19-27       | locking sides                               | ALU corner drive                                                  | 220603                                                | 1      |
|                |             |                                             | ALU striker                                                       | 266533                                                | 1      |
|                |             |                                             | coupling bracket A0102                                            | MFKL0040-100060                                       | 1      |
|                |             |                                             | handle screw M5X16                                                | NDNA0380-000010                                       | 2      |
|                |             |                                             | mishandling device                                                | NFFB0010-100060                                       | 1      |
|                |             |                                             | ALU tilt lock                                                     | 254219                                                | 1      |
|                |             |                                             | ALU striker E                                                     | 254516                                                | 1      |
|                |             |                                             | tilt locking part                                                 | 254486                                                | 1      |
|                |             |                                             | run up block                                                      | 254479                                                | 1      |
|                | 28-30       | MV                                          | block                                                             | 246979                                                | 1      |
|                |             |                                             | MV VSU/BSO                                                        |                                                       | 1      |
|                |             |                                             | striker                                                           |                                                       | 2      |
|                | 31          | MV stay striker                             | refer to the installation instruction                             | MXSK0010-100030                                       | 1      |
|                | 32          | ALU 2200 tilt restrictor                    | only Gr.35 stay                                                   | MXSK0030-000200                                       | 1      |
|                | 33          | SV R.H pressure piece                       | side adjustment 0.8 mm                                            | MBDR0021-100060                                       | 1      |
|                | 34          | SV L.H pressure piece                       | side adjustment 0.8 mm                                            | MBDR0022-100060                                       | 1      |
|                | 35          | striker                                     | only Gr.35 stay                                                   | 265413                                                | 1      |

## ALU Axxent Concealed Tilt & Turn

### Product information

Suitable for sash weights up to 150kg, reduced assembly times, 3D adjustability, and also suitable for extremely narrow window widths of only 170mm in turning sashes and 380mm in tilt & turn sashes.





## ALU Axxent Concealed Tilt & Turn - continued

|     | drawing number | quantity | description                                   |                                                                    | Part number                                                                         | P/U | Part number     | P/U |
|-----|----------------|----------|-----------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|-----------------|-----|
| h.1 | 1              | 1        | ALU Si-line handle                            | (Only use in combination with coupling set)                        | See assembly instructions<br>ALU handle overview<br>in the SIEGENIA download portal |     |                 |     |
|     | 2              |          | ALU Si-line lockable handle                   |                                                                    |                                                                                     |     |                 |     |
| h.2 | 3              |          | ALU Globe handle                              |                                                                    |                                                                                     |     |                 |     |
|     | 4              |          | ALU GLOBE lockable handle                     |                                                                    |                                                                                     |     |                 |     |
| h.3 | 5              | 1        | TITAN handle                                  | (Only use in combination with gear set)                            | □ 7 mm x 25 mm, cam Ø 10 mm<br>only use in combination with gear set                |     |                 |     |
|     | 6              |          | TITAN lockable handle                         |                                                                    |                                                                                     |     |                 |     |
| h.4 | 7              |          | ALU Globe RR handle                           |                                                                    | See assembly instructions Handle ALU Globe RR<br>in the SIEGENIA download portal    |     |                 |     |
|     | 8              |          | ALU Globe RR lockable handle                  |                                                                    |                                                                                     |     |                 |     |
|     |                | 1        | BS ALU axcent PLUS-DK A0004 RH size 1         | FB 600 ≤ 100 kg                                                    | MMBS0281-10001_                                                                     | 1   | MMBS0281-10002_ | 10  |
|     |                |          | A0004 LH size 1                               |                                                                    | MMBS0282-10001_                                                                     | 1   | MMBS0282-10002_ | 10  |
|     |                |          | A0004 RH size 2                               |                                                                    | MMBS0311-10001_                                                                     | 1   | MMBS0311-10002_ | 10  |
|     |                |          | A0004 LH size 2                               |                                                                    | MMBS0312-10001_                                                                     | 1   | MMBS0312-10002_ | 10  |
|     |                |          | A0006 RH size 1                               | FB 600 ≤ 100 kg                                                    | MMBS0291-10001_                                                                     | 1   | MMBS0291-10002_ | 10  |
|     |                |          | A0006 LH size 1                               |                                                                    | MMBS0292-10001_                                                                     | 1   | MMBS0292-10002_ | 10  |
|     |                |          | A0006 RH size 2                               |                                                                    | MMBS0321-10001_                                                                     | 1   | MMBS0321-10002_ | 10  |
|     |                |          | A0006 LH size 2                               |                                                                    | MMBS0322-10001_                                                                     | 1   | MMBS0322-10002_ | 10  |
|     | 9              | 1        | Bottom hinge right/left ALU axcent PLUS       | (Installation frame)                                               |                                                                                     |     |                 |     |
|     | 10             | 1        | Bottom hinge right/left ALU axcent PLUS       | (Installation sash)                                                |                                                                                     |     |                 |     |
|     | 11             | 1        | Sash hinge BSU right/left ALU axcent PLUS     |                                                                    |                                                                                     |     |                 |     |
|     | 12             | 1        | Guiding piece BSU ALU axcent PLUS             |                                                                    |                                                                                     |     |                 |     |
|     | 13             | 1        | Deadbolt BSO right/left ALU axcent PLUS       | (omitted for MV)<br>(replacement by item 703)                      |                                                                                     |     |                 |     |
|     | 14             | 0...1    | Top stay size 1 right/left ALU axcent PLUS-DK |                                                                    |                                                                                     |     |                 |     |
|     | 15             | 0...1    | Top stay size 2 right/left ALU axcent PLUS-DK |                                                                    |                                                                                     |     |                 |     |
|     | 16             | 0...1    | Accessory set ALU axcent PLUS A0022           | Only use in combination with<br>BS ALU axcent PLUS A0006           | MZBS0180-10001_                                                                     | 1   | MZBS0180-10006_ | 100 |
|     |                | 0...1    | Accessory set ALU axcent PLUS                 | > 100 kg                                                           | -                                                                                   | -   | MZBS0130-00003_ | 20  |
|     | 17             | 1        | Countersunk screw M5 x 13                     |                                                                    |                                                                                     |     |                 |     |
|     | 18             | 1        | Long stop                                     |                                                                    |                                                                                     |     |                 |     |
|     |                | 0...1    | Accessory set ALU axcent PLUS A0172           | > 100 kg with recessed sash groove -0.5 to -3 (see page 4, fig. 2) | -                                                                                   | -   | MZBS0190-00003_ | 20  |
|     | 17             | 1        | Countersunk screw M5 x 13                     |                                                                    |                                                                                     |     |                 |     |
|     | 20             | 1        | Stop A0172                                    |                                                                    |                                                                                     |     |                 |     |
|     |                | 0...1    | ALU additional stay                           | FB > 1250<br>FB > 1020 > 100 kg                                    | 857076                                                                              | 1   | 247006          | 10  |
|     | 21             | 1        | Additional stay                               |                                                                    |                                                                                     |     |                 |     |
|     | 22             | 1        | Striker plate                                 |                                                                    |                                                                                     |     |                 |     |
|     | 23             | 1        | Locking cam                                   |                                                                    |                                                                                     |     |                 |     |
|     | 24             | 1        | Eccentric rivet                               |                                                                    |                                                                                     |     |                 |     |
|     |                | 1        | ALU DK FBS-G KPS locking side                 |                                                                    | MMVS0250-10001_                                                                     | 1   | MMVS0250-10003_ | 20  |
|     |                | 1        | Locking bolt DK (not required)                |                                                                    |                                                                                     |     |                 |     |
|     | 26             | 1        | Clamping piece EUL                            |                                                                    |                                                                                     |     |                 |     |
|     | 27             | 1        | VSO corner drive                              |                                                                    |                                                                                     |     |                 |     |
|     | 28             | 1        | Striker                                       |                                                                    |                                                                                     |     |                 |     |
|     | 29             | 1        | Tilt lock cam 10                              |                                                                    |                                                                                     |     |                 |     |
|     | 30             | 1        | E striker cam 10                              |                                                                    |                                                                                     |     |                 |     |
|     | 31             | 1        | Tilt locking part                             |                                                                    |                                                                                     |     |                 |     |
|     | 32             | 1        | Run-up block                                  |                                                                    |                                                                                     |     |                 |     |

## ALU Axxent Concealed Tilt & Turn - continued

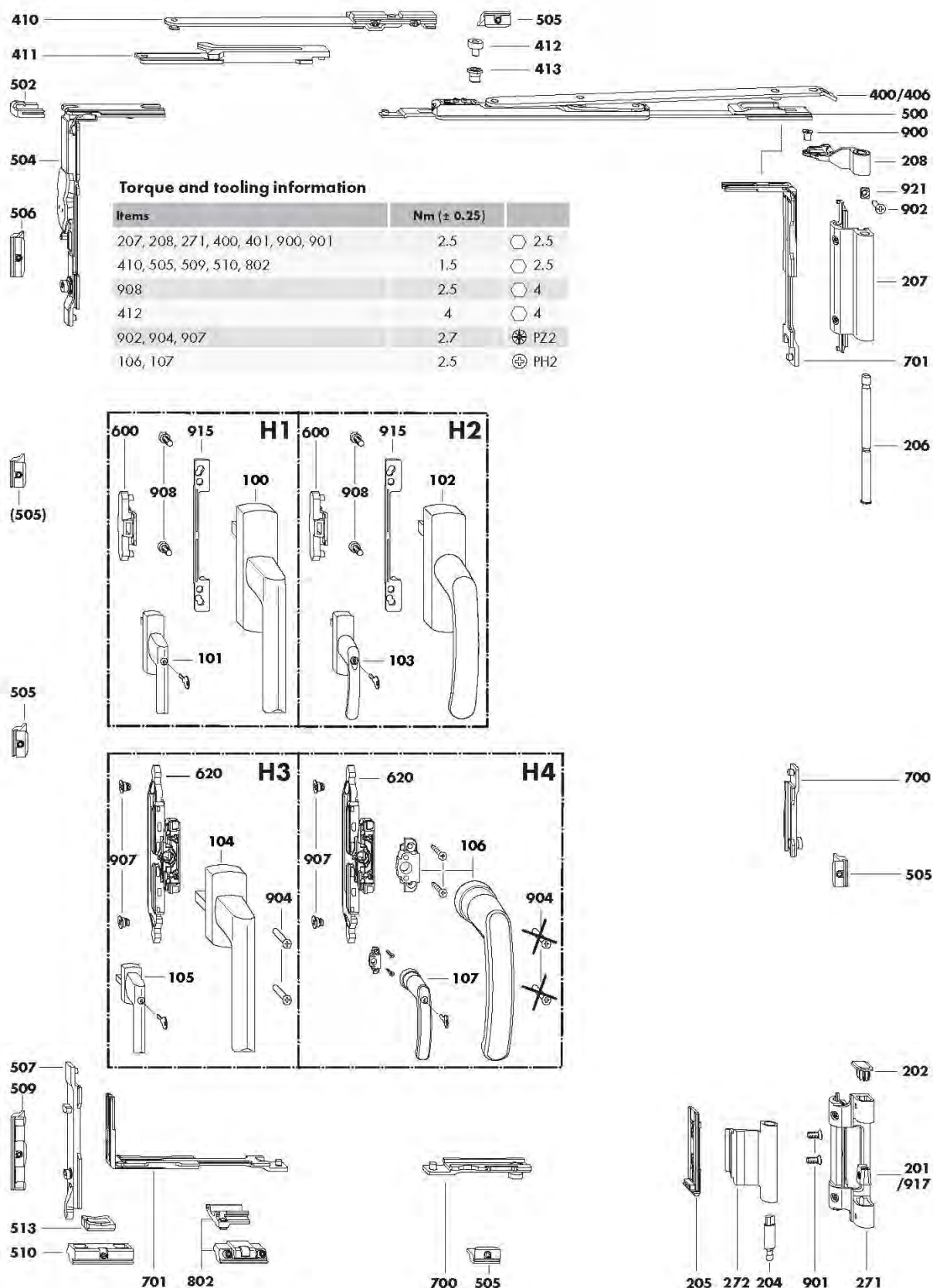
|                                     | drawing number | quantity | description                             |                                                                                                      |                                                                                                         | Part number     | P/U | Part number     | P/U |
|-------------------------------------|----------------|----------|-----------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------|-----|-----------------|-----|
| h.1<br>h.2                          |                | 0...1    | Coupling set ALU FBS-G                  | Y ≥ 9 < 10                                                                                           | (Only use in combination with h.1/h.2) (see page 4 for note on rebate height (USH) and for dimension Y) | MMKL0030-10001_ | 1   | MMKL0030-10003_ | 20  |
|                                     |                |          |                                         | Y ≥ 10                                                                                               |                                                                                                         | MMKL0010-10001_ | 1   | MMKL0010-10003_ | 20  |
|                                     | 33             | 1        | Coupling bracket                        |                                                                                                      |                                                                                                         |                 |     |                 |     |
|                                     | 34             | 1        | Anti-mishandling device                 |                                                                                                      |                                                                                                         |                 |     |                 |     |
|                                     | 35             | 2        | Cheese head screw M5 x 12               |                                                                                                      |                                                                                                         |                 |     |                 |     |
| h.3<br>h.4                          |                | 0...1    | Gear set ALU FBS-G                      | (Only use in combination with H3/H4) (see document Nr. H48. ZubhLS005en)                             |                                                                                                         | MMGI0080-10001_ | 1   | MMGI0080-10003_ | 20  |
|                                     | 36             | 1        | ESG M6 FBS                              |                                                                                                      |                                                                                                         |                 |     |                 |     |
|                                     | 37             | 2        | Countersunk screw M5 x 35               |                                                                                                      |                                                                                                         |                 |     |                 |     |
|                                     | 38             | 2        | Coupling screw M6                       |                                                                                                      |                                                                                                         |                 |     |                 |     |
| depending on system                 |                | 0...1    | MV ALU-VS/BS axxent PLUS                | Sash height > 1250                                                                                   |                                                                                                         | MMMV0060-10001_ | 1   | MMMV0060-10003_ | 20  |
|                                     | 39             | 3        | Striker                                 |                                                                                                      |                                                                                                         |                 |     |                 |     |
|                                     | 40             | 1        | Slider                                  |                                                                                                      |                                                                                                         |                 |     |                 |     |
|                                     | 41             | 1        | Corner drive axxent BSO ALU axxent PLUS |                                                                                                      |                                                                                                         |                 |     |                 |     |
|                                     | 42             | 1        | Coupling piece BSO MV ALU axxent PLUS   |                                                                                                      |                                                                                                         |                 |     |                 |     |
|                                     |                | 0...2    | MV ALU-DK/TBT (VSU)                     | FB > 1250                                                                                            |                                                                                                         | 857045          | 1   | 246979          | 20  |
|                                     | 43             | 2        | Striker                                 |                                                                                                      |                                                                                                         |                 |     |                 |     |
| Recessed groove dependent on system | 40             | 1        | Slider                                  |                                                                                                      |                                                                                                         |                 |     |                 |     |
|                                     | 41             | 1        | VSU/BSO corner drive                    |                                                                                                      |                                                                                                         |                 |     |                 |     |
|                                     |                | 0...2    | MV ALU-DK/TBT A0172                     | FB > 1250 with sunken sash groove from a width >13.5 (see page 4, fig. 1)                            |                                                                                                         | MMMV0050-10001_ | 1   | MMMV0050-10003_ | 20  |
|                                     | 39             | 2        | Striker                                 |                                                                                                      |                                                                                                         |                 |     |                 |     |
|                                     | 40             | 1        | Slider                                  |                                                                                                      |                                                                                                         |                 |     |                 |     |
|                                     | 42             | 1        | Corner drive VSU/BSO A0172              |                                                                                                      |                                                                                                         |                 |     |                 |     |
|                                     | 43             | 0...1    | MV stay striker                         | FB > 600 only use with top stay size 2 RH/LH ALU axxent PLUS-DK (225) and striker (505) (see pg. 5). |                                                                                                         | MXSK0010-10001_ | 1   | MXSK0010-10003_ | 20  |
| Accessories                         |                |          |                                         |                                                                                                      |                                                                                                         |                 |     |                 |     |
|                                     | 44             | 0...1    | Sash lifter ALU                         | (see drawing no. H48. ZubhLS014en)                                                                   |                                                                                                         | MMFH0010-0001_  | 1   | MMFH0010-10003_ | 20  |
|                                     | 45             | 0...1    | ALU handle support                      | Only use for h.1/h.2                                                                                 |                                                                                                         | -               | -   | (see table)     | 200 |
|                                     | -              | 0...1    | Sash brake ALU axxent PLUS short        | FB > 600 ≤ 1000 (see H48.ZubhLS017en)                                                                |                                                                                                         | MSBR0150-10001_ | 1   | MSBR0150-10005_ | 50  |
|                                     | -              | 0...1    | Sash brake ALU long                     | FB > 1000 ≤ 1600 (see H48.ZubhLS017en)                                                               |                                                                                                         | MSBR0120-10001_ | 1   | MSBR0120-10005_ | 50  |
|                                     | -              | 0...1    | Adjusting piece AV grey(±0.5)           | (see ALU maintenance instructions)                                                                   |                                                                                                         | -               | -   | MBDR0030-09705_ | 50  |



## ALU Tilt & Turn 5200-DK (130kg)

### Product information

Tilt & turn hardware for hinge clearance (BD) 5mm with mishandling device (FBS) on the corner drive (EUL).





## ALU Tilt & Turn 5200-DK (130kg) - continued

|                     | Item               | Piece                         | Designation                                        |                                                                                                               | Material no.                                                                     | VE                                                                               | Material no.     | VE              |    |
|---------------------|--------------------|-------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------|-----------------|----|
| H1                  | 100                | 1                             | Handle ALU SHline                                  |                                                                                                               | See ALU handle overview, document no.:<br>H48.ZubhLS007en in ALU planning manual |                                                                                  |                  |                 |    |
|                     | 101                |                               | ALU SHline lockable                                |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
| 102                 | ALU Globe          |                               | Only use in combination with coupling set          |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
| 103                 | ALU Globe lockable |                               |                                                    |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
| H2                  | 104                |                               | TITAN                                              | □ 7 mm x 25, cam Ø 10 mm<br>Only use in combination with gear set                                             |                                                                                  |                                                                                  |                  |                 |    |
|                     | 105                |                               | TITAN lockable                                     |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
| H3                  | 106                |                               | ALU Globe RR                                       | Only use in combination with gear set                                                                         |                                                                                  | See Handle ALU Globe RR, document no.:<br>H48.ZubhLS006en in ALU planning manual |                  |                 |    |
|                     | 107                |                               | ALU Globe RR lockable                              |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     |                    |                               | 1                                                  | Hinge side ALU 5200 BD 5                                                                                      | silver                                                                           | MMBS0230-52501_                                                                  | 1                | MMBS0230-52502_ | 10 |
|                     |                    |                               |                                                    |                                                                                                               | white RAL 9010                                                                   | MMBS0230-50301_                                                                  | 1                | MMBS0230-50302_ | 10 |
|                     |                    |                               |                                                    | white RAL 9016                                                                                                | MMBS0230-50401_                                                                  | 1                                                                                | MMBS0230-50402_  | 10              |    |
|                     |                    |                               |                                                    | black RAL 9005                                                                                                | MMBS0230-52301_                                                                  | 1                                                                                | MMBS0230-52302_  | 10              |    |
|                     |                    |                               |                                                    | EV I                                                                                                          | MMBS0230-52401_                                                                  | 1                                                                                | MMBS0230-52402_  | 10              |    |
|                     |                    |                               |                                                    | Mill finish                                                                                                   | -                                                                                | 1                                                                                | MMBS0230-50012_  | 5               |    |
|                     | 201                | 1                             | Adjusting piece                                    |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | 202                | 1                             | Cover cap                                          |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | 204                | 1                             | Bottom hinge pin                                   |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | 205                | 1                             | Clamping piece E                                   |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
| 206                 | 1                  | Hinge pin                     |                                                    |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
| 207                 | 1                  | Top hinge                     |                                                    |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
| 208                 | 1                  | Stay hinge                    |                                                    |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
| 271                 | 1                  | Corner hinge ALU 5200-150 r/l |                                                    |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
| 272                 | 1                  | Bottom hinge ALU 5200-150 r/l |                                                    |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
| 900                 | 1                  | M5 x 7.5 countersunk screw    |                                                    |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
| 901                 | 2                  | M5 x 8.5 countersunk screw    |                                                    |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
| depending on FB/kg  | 400                | 0...1                         | Top stay ALU size 20                               | Sash width > 365 ≤ 600 weight ≤ 100 kg                                                                        | 884805                                                                           | 1                                                                                | 273098           | 20              |    |
|                     | 401                | 0...1                         | Top stay ALU size 35                               | Sash width > 600 ≤ 1600                                                                                       | 884782                                                                           | 1                                                                                | 314203           | 20              |    |
|                     |                    | 0...1                         | Additional stay ALU                                | Sash width > 1250 with top stay size 35 ≤ 100 kg<br>Sash width > 1020 with top stay size 35 > 100 kg ≤ 130 kg | 857076                                                                           | 1                                                                                | 247006           | 10              |    |
|                     | 410                | 1                             | Additional stay                                    |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | 411                | 1                             | Striker plate                                      |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | 412                | 1                             | Locking cam                                        |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | 413                | 1                             | Eccentric rivet                                    |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | depending on kg    |                               | 0...1                                              | Accessories set ALU for 130 kg                                                                                | > 100 kg                                                                         | -                                                                                | 1                | 247037          | 20 |
|                     |                    | 902                           | 1                                                  | M5 x 13 countersunk screw                                                                                     |                                                                                  |                                                                                  |                  |                 |    |
|                     |                    | 921                           | 1                                                  | Supporting piece                                                                                              |                                                                                  |                                                                                  |                  |                 |    |
|                     |                    | 1                             | Locking side ALU DK (with FBS on corner drive) KPS |                                                                                                               | MMVS03 10-10001_                                                                 | 1                                                                                | MMVS03 10-10003_ | 20              |    |
|                     | 500                | 1                             | DK locking bolt                                    |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | 502                | 1                             | EUL clamping piece                                 |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | 504                | 1                             | Corner drive, VSO-FBS                              |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | 506                | 1                             | Striker EUL                                        |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | 507                | 1                             | Tilt lock cam, 10                                  |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | 509                | 1                             | E striker cam 10                                   |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | 510                | 1                             | Tilt locking part                                  |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | 513                | 1                             | Run-up block                                       |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | H1/H2              |                               | 0...1                                              | Coupling set ALU (without FBS on gear)                                                                        | Only use in combination with H1/H2                                               | MMKL0060-10001_                                                                  | 1                | MMKL0060-10003_ | 20 |
| 600                 |                    | 1                             | ALU coupling bracket                               |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
| 908                 |                    | 2                             | M5 x 12 cheese head screw                          |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
| H3/H4               |                    | 0...1                         | Gear set ALU (without FBS on gear)                 | Only use in combination with H3/H4 (see drawing no. H48.ZubhLS005en)                                          | MMGI0090-10001_                                                                  | 1                                                                                | MMGI0090-10003_  | 20              |    |
|                     | 620                | 1                             | M6 ESG                                             |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | 904                | 2                             | M5 x 35 countersunk screw                          |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | 907                | 2                             | M6 coupling screw                                  |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
| dependant on system |                    | 0...2                         | MV ALU-DK/TBT                                      | FB/FH > 1250 (recommendation)                                                                                 | 857045                                                                           | 1                                                                                | 246979           | 20              |    |
|                     | 505                | 2                             | Striker                                            |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | 700                | 1                             | Slider                                             |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |
|                     | 701                | 1                             | VSI/BSO corner drive                               |                                                                                                               |                                                                                  |                                                                                  |                  |                 |    |

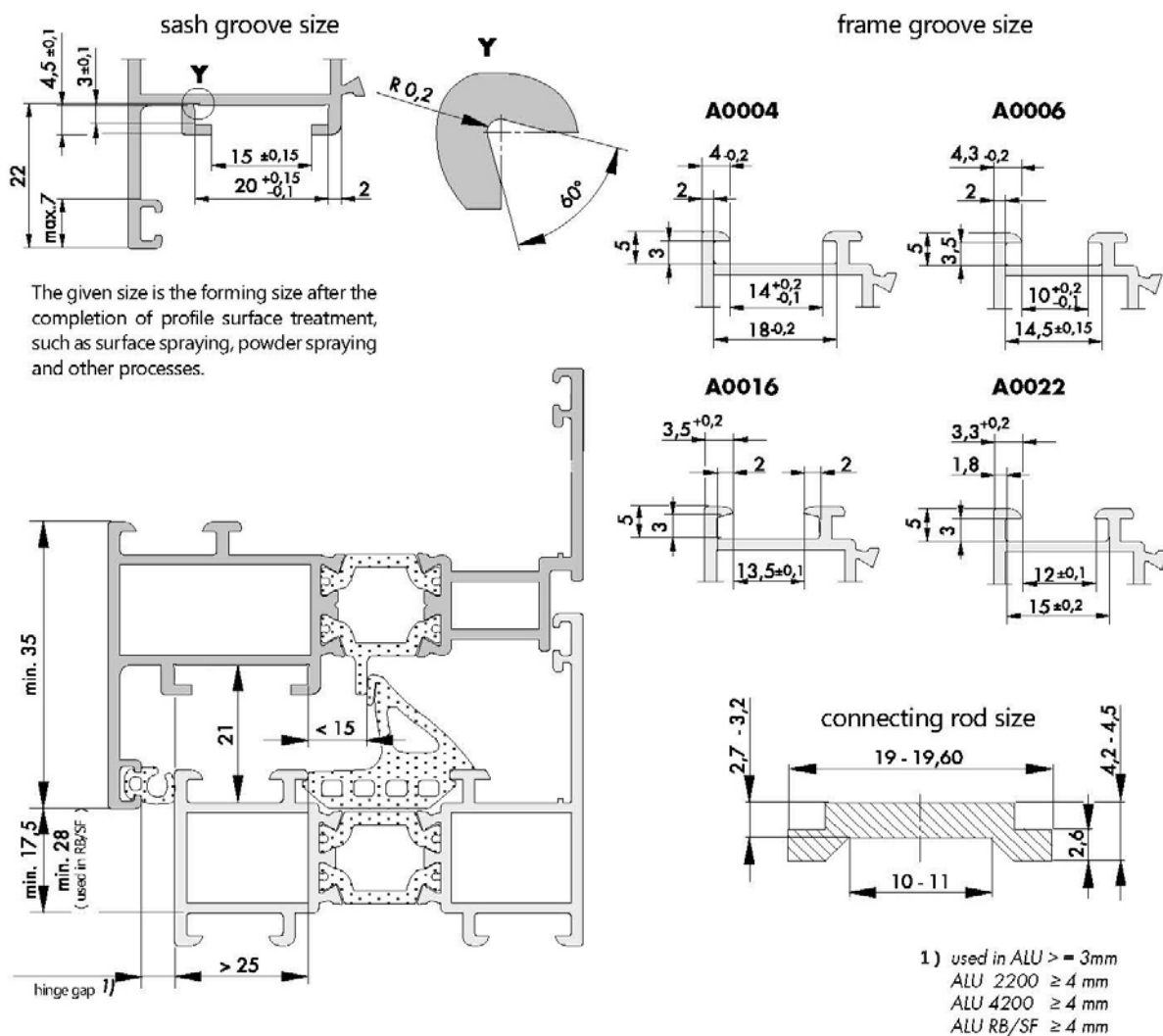
### ALU Tilt & Turn 5200-DK (130kg) - continued

|             |     |       |                                             |                                              |                 |   |                     |     |
|-------------|-----|-------|---------------------------------------------|----------------------------------------------|-----------------|---|---------------------|-----|
| Accessories | 802 | 0...1 | Sash lifter ALU                             | (see drawing no. H48.ZubhLS014en)            | MMFH0010-10001_ | 1 | MMFH0010-10003_     | 20  |
|             | 915 | 0...1 | Handle support ALU                          | Only use in combination with H1/H2           | -               | - | See table on page 4 | 200 |
|             | 917 | 0...1 | AV adjusting piece                          | for compression + 0.5                        | MXBS0100-00001_ | 1 | MXBS0100-00003_     | 20  |
|             | -   | 0...1 | Jig ALU 5200<br>additional screw connection | for items 921 and 902 (> 100 kg; see page 6) | MARB0050-00001_ | 1 | -                   | -   |

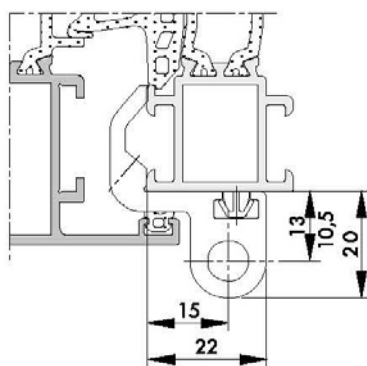
## Window Profile Specifications

### Product information

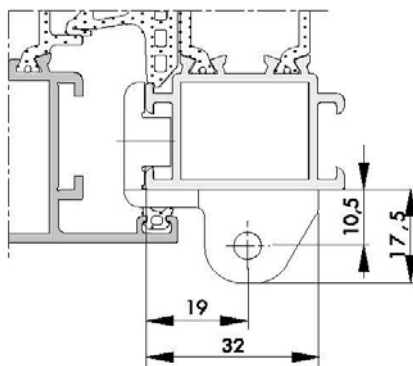
Profile parameters of aluminium windows and doors, connecting rod size and hardware installation space.



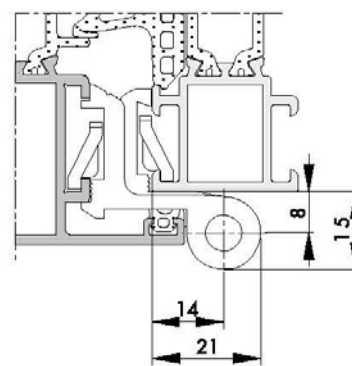
hardware installation space  
**ALU 2200/ALU 4200**



hardware installation space  
**ALU RB/ALU SF**

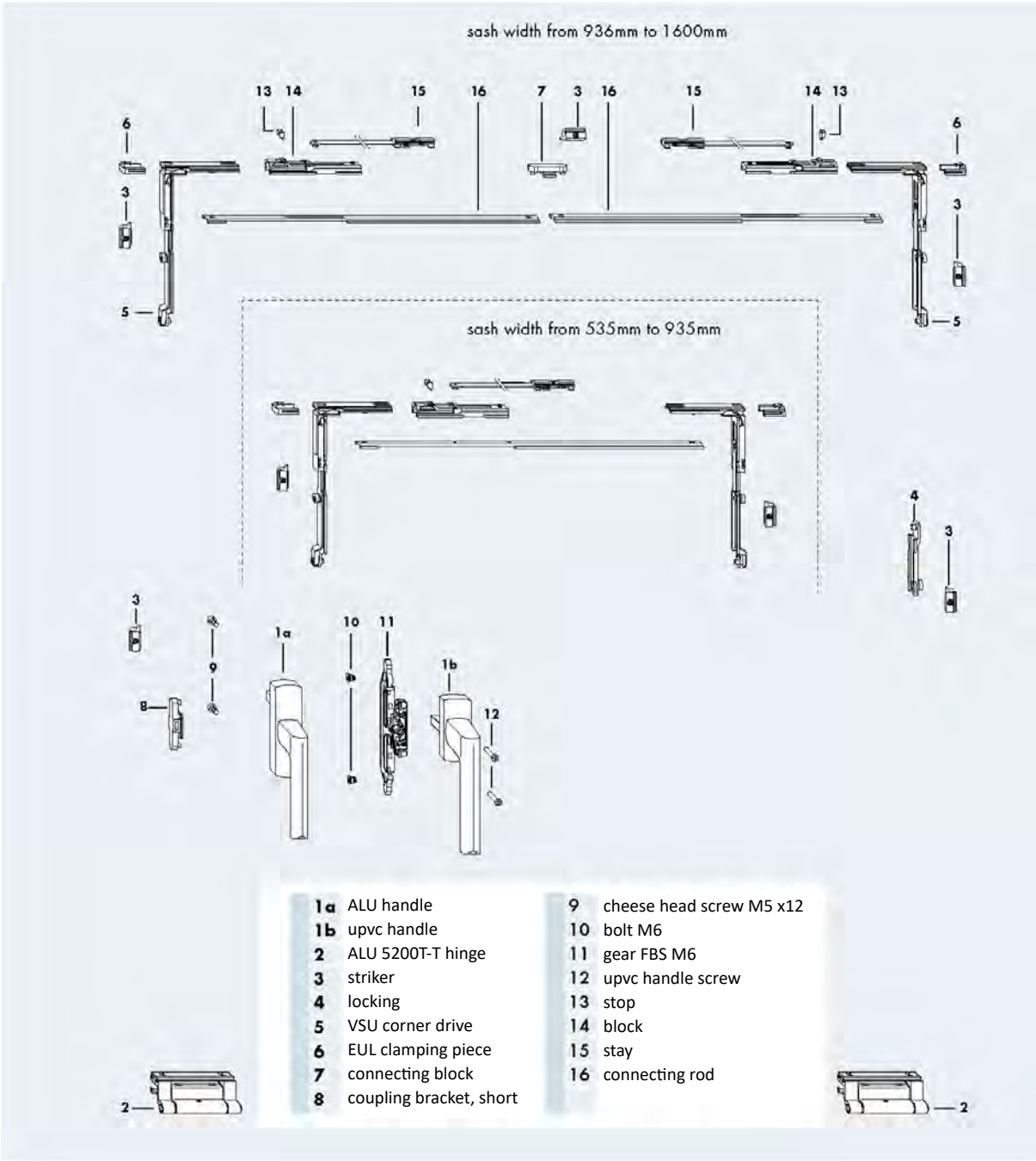


hardware installation space  
**ALU D**



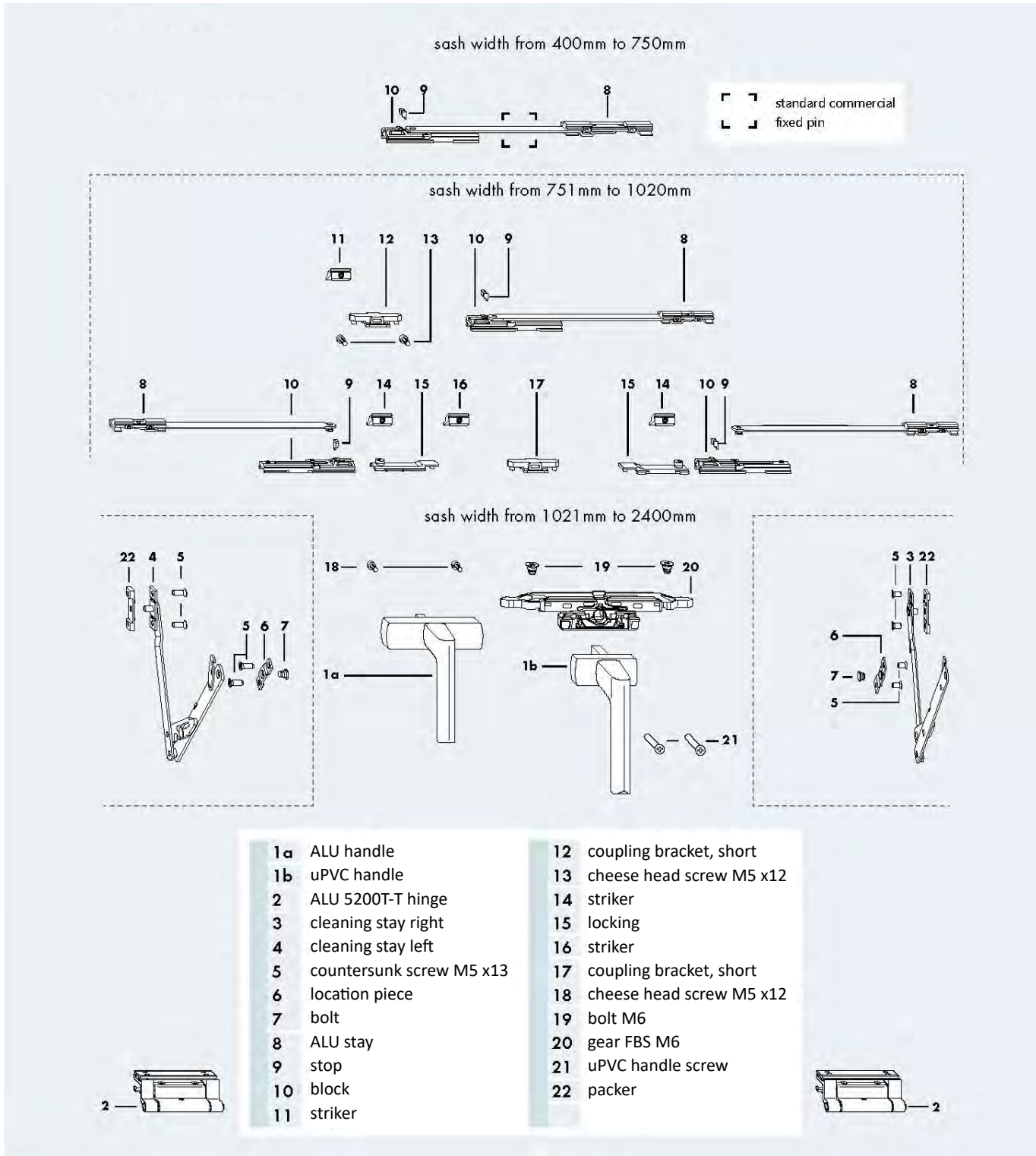


ALU Tilt Only - 5200K Side Handle Position



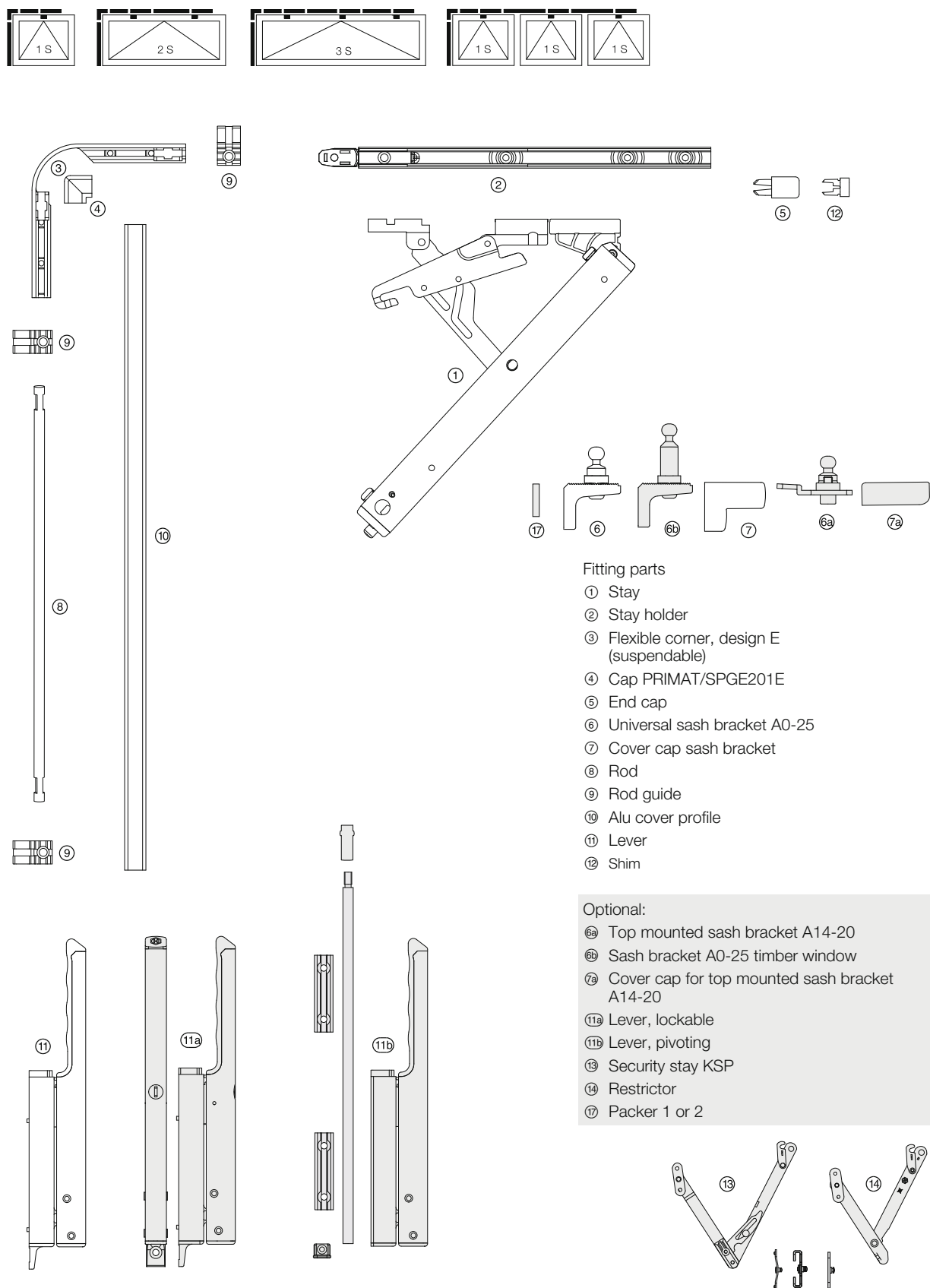
|                  | 1 pc connecting rod  | 2 pc connecting rod  |
|------------------|----------------------|----------------------|
| sash width (mm)  | min. 535 - max. 935  | min. 936 - max. 1600 |
| sash height (mm) | min. 500 - max. 2000 | min. 500 - max. 2000 |
| bearing (kg)     | max. 40              | max. 100             |

# ALU Tilt Only - 5200K Top Handle Position



|                  | 1 pc connecting rod  | 2 pc connecting rod   |
|------------------|----------------------|-----------------------|
| sash width (mm)  | min. 400 - max. 1020 | min. 1020 - max. 2400 |
| sash height (mm) | min. 450 - max. 1200 | min. 450 - max. 1200  |
| bearing (kg)     | max. 30              | max. 50               |

## Primat FL 190 - Fanlight Opener



### Fitting parts

- ① Stay
- ② Stay holder
- ③ Flexible corner, design E (suspendable)
- ④ Cap PRIMAT/SPGE201E
- ⑤ End cap
- ⑥ Universal sash bracket A0-25
- ⑦ Cover cap sash bracket
- ⑧ Rod
- ⑨ Rod guide
- ⑩ Alu cover profile
- ⑪ Lever
- ⑫ Shim

### Optional:

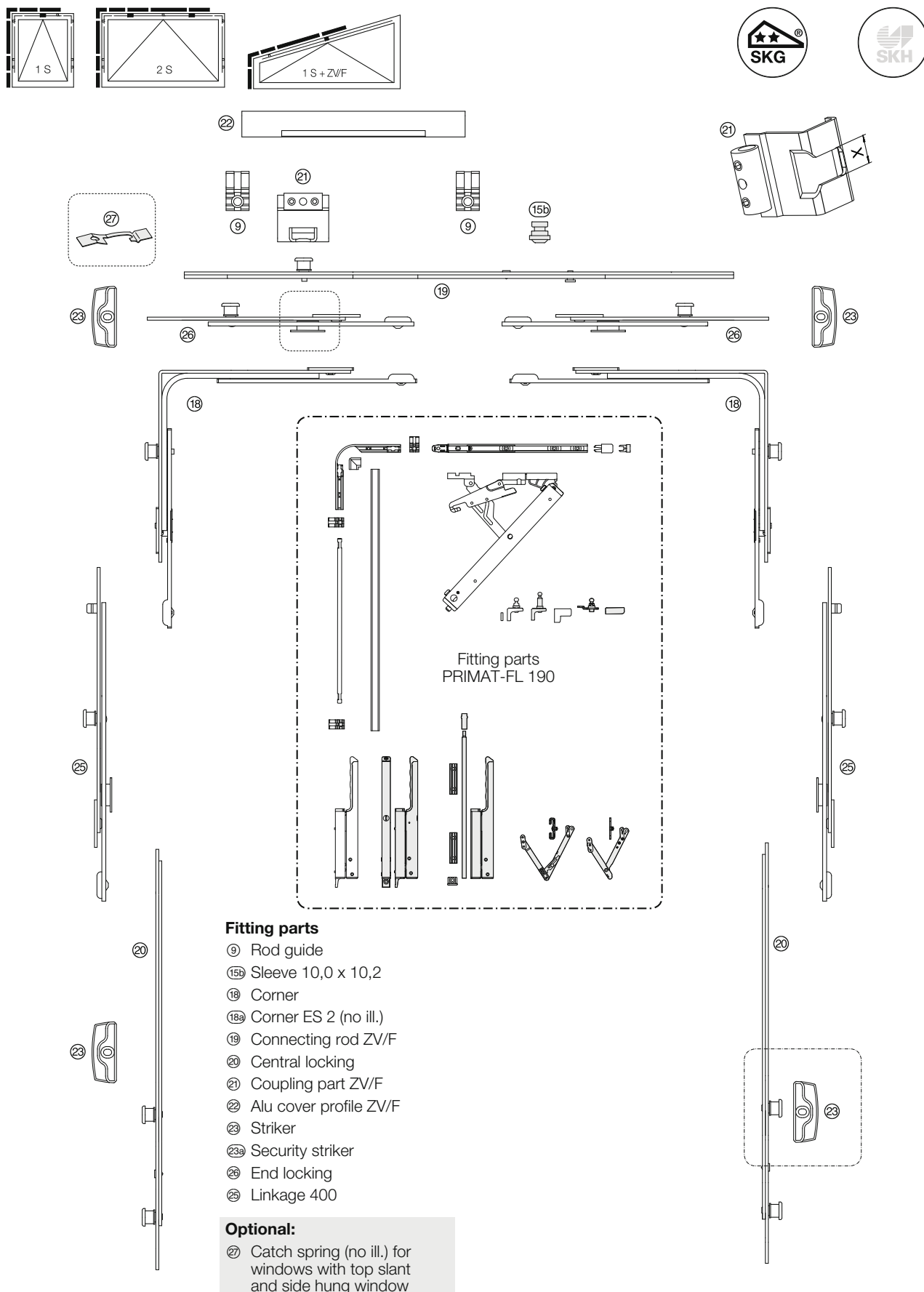
- ⑥a Top mounted sash bracket A14-20
- ⑥b Sash bracket A0-25 timber window
- ⑦a Cover cap for top mounted sash bracket A14-20
- ⑪a Lever, lockable
- ⑪b Lever, pivoting
- ⑬ Security stay KSP
- ⑭ Restrictor
- ⑰ Packer 1 or 2



## Primat FL 190 - Fanlight Opener - continued

| Product code | Description                                                             | Reference                   | Length (mm) | Colour | Packaging unit |
|--------------|-------------------------------------------------------------------------|-----------------------------|-------------|--------|----------------|
| 173002       | Basic carton PRIMAT-FL 190, design E, with universal sash bracket A0-25 | 1, 2, 3, 4, 5, 6, 7, 9, 11  | -           | silver | 1              |
| 173005       | Basic carton PRIMAT-FL 190, design E, with universal sash bracket A0-25 | 1, 2, 3, 4, 5, 6, 7, 9, 11  | -           | white  | 1              |
| 173008       | Basic carton PRIMAT-FL 190, design E, with universal sash bracket A0-25 | 1, 2, 3, 4, 5, 6, 7, 9, 11  | -           | black  | 1              |
| 236246       | Basic carton PRIMAT-FL 190, design E, with timber sash bracket AH0-25   | 1, 2, 3, 4, 5, 6b, 7, 9, 11 | -           | silver | 1              |
| 173056       | Additional carton PRIMAT-FL 190, with universal sash bracket A0-25      | 1,2,6,7,9,12                | -           | silver | 1              |
| 173059       | Additional carton PRIMAT-FL 190, with universal sash bracket A0-25      | 1,2,6,7,9,12                | -           | white  | 1              |
| 173062       | Additional carton PRIMAT-FL 190, with universal sash bracket A0-25      | 1,2,6,7,9,12                | -           | black  | 1              |
| 234862       | Additional carton PRIMAT-FL 190, with timber sash bracket AH0-25        | 1,2,6b,7,9,12               | -           | silver | 1              |
| 108041       | Rod 8mm diameter, design E                                              | 8                           | 1000        | silver | 1              |
| 108044       | Rod 8mm diameter, design E                                              | 8                           | 2000        | silver | 1              |
| 108047       | Rod 8mm diameter, design E                                              | 8                           | 2500        | silver | 1              |
| 108050       | Rod 8mm diameter, design E                                              | 8                           | 3000        | silver | 1              |
| 108053       | Rod 8mm diameter, design E                                              | 8                           | 3750        | silver | 1              |
| 168869       | Alu cover profile                                                       | 10                          | 2000        | silver | 1              |
| 168872       | Alu cover profile                                                       | 10                          | 2000        | white  | 1              |
| 168881       | Alu cover profile                                                       | 10                          | 2000        | black  | 1              |
| 168839       | Alu cover profile                                                       | 10                          | 3000        | silver | 1              |
| 168842       | Alu cover profile                                                       | 10                          | 3000        | white  | 1              |
| 168851       | Alu cover profile                                                       | 10                          | 3000        | black  | 1              |
| 171050       | Lever - lockable                                                        | 11a                         | -           | silver | 1              |
| 171053       | Lever - lockable                                                        | 11a                         | -           | white  | 1              |
| 171059       | Lever - lockable                                                        | 11a                         | -           | black  | 1              |
| 173266       | Top mounted sash bracket A14-20                                         | 6a                          | -           | -      | 1              |
| 127904       | Cover cap for top mounted sash bracket A14-20                           | 7a                          | -           | silver | 1              |
| 127889       | Cover cap for top mounted sash bracket A14-20                           | 7a                          | -           | white  | 1              |
| 127901       | Cover cap for top mounted sash bracket A14-20                           | 7a                          | -           | black  | 1              |

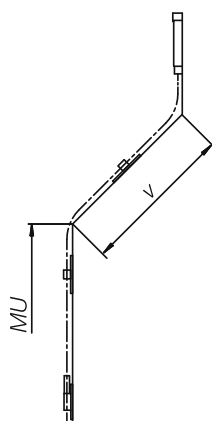
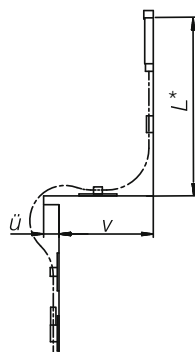
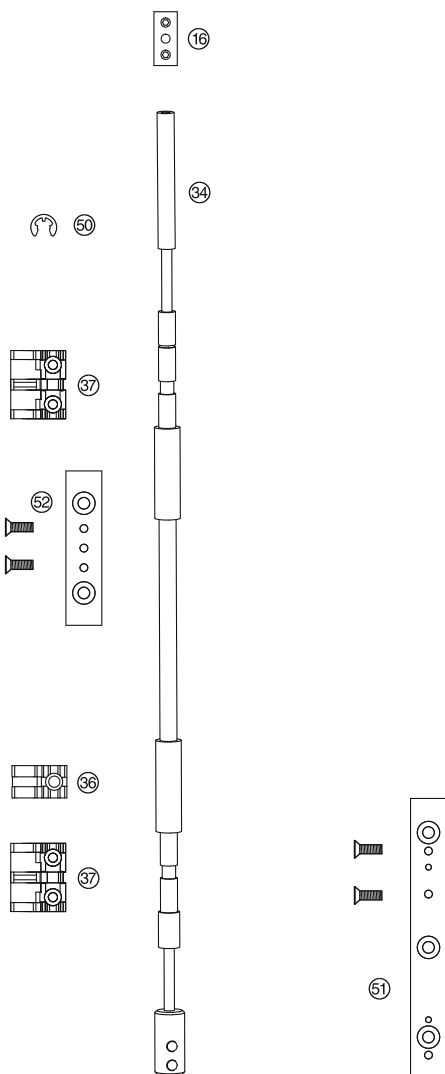
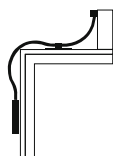
## Primat FL 190 - Fanlight Opener Accessories



## Primat FL 190 - Fanlight Opener Accessories - continued

| Product code             | Description                                        | Reference | Colour | Packaging unit |
|--------------------------|----------------------------------------------------|-----------|--------|----------------|
| 225316                   | Accessories ZV/F (coupling parts)                  | 21, 22, 9 | silver | 1              |
| 225319                   | Accessories ZV/F (coupling parts)                  | 21, 22, 9 | white  | 1              |
| 225322                   | Accessories ZV/F (coupling parts)                  | 21, 22, 9 | black  | 1              |
| <b>Individual Parts:</b> |                                                    |           |        |                |
| 223950                   | Coupling part ZV/F (measure x = 8.3mm handle, top) | 21        | silver | 1              |
| 171726                   | Alu cover profile ZV/f                             | 22        | silver | 1              |
| 171729                   | Alu cover profile ZV/f                             | 22        | white  | 1              |
| 171732                   | Alu cover profile ZV/f                             | 22        | black  | 1              |
| 176337                   | Rod guide                                          | 9         | silver | 1              |

## Primat FL 190 - Flexible Transmission



### Range of application

#### For single and double stay systems

Minimum sash height = 300 mm

\* acc. application range PRIMAT-FL 190

measure v up to 400 mm  $\Delta$  Rods 700 mm

measure v up to 700 mm  $\Delta$  Rods 1000 mm

measure v up to 950 mm  $\Delta$  Rods 1250 mm

measure v up to 1300 mm  $\Delta$  Rods 1700 mm

measure v up to 1700 mm  $\Delta$  Rods 2000 mm

#### Glass weights of up to 30 kg/m<sup>2</sup>

(Weight for thickness of 1 mm ~ 2.5 kg/m<sup>2</sup>)

Does not apply unless the distance between the sash's gravity centre and the centre of rotation is  $\leq 60$  mm.

### Fitting parts

- 16 Sleeve 8/8
- 34 Flexible rod
- 36 Guide
- 37 Holder
- 50 Lock washer
- 51 Plugging plate, lever
- 52 Plugging plate, clamping guide

Measure v = depth of the reveal (window sill depth),  
above 200 mm with guide, up to 200 mm  
without guide

Measure MU = upper edge of the window sill to lower edge  
of the lever at least 455 mm

Measure ü = sill depth max. 40 mm

Measure L\* = upper edge of the sash to upper edge of the  
window sill at least 405 mm



## Primat FL 190 - Flexible Transmission - continued

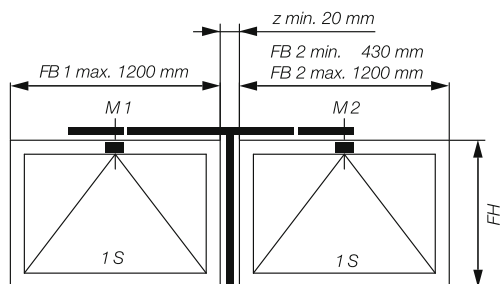
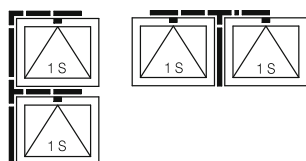
| Product code | Description                                                                                      | Reference          | Length (mm) | Colour | Packaging unit |
|--------------|--------------------------------------------------------------------------------------------------|--------------------|-------------|--------|----------------|
| 175344       | Bag with flexible rod with accessories                                                           | 34, 37, 36         | 400         | silver | 1              |
| 175347       | Bag with flexible rod with accessories                                                           | 34, 37, 36         | 400         | white  | 1              |
| 175350       | Bag with flexible rod with accessories                                                           | 34, 37, 36         | 400         | black  | 1              |
| 175353       | Bag with flexible rod with accessories                                                           | 34, 37, 36         | 700         | silver | 1              |
| 175356       | Bag with flexible rod with accessories                                                           | 34, 37, 36         | 700         | white  | 1              |
| 175359       | Bag with flexible rod with accessories                                                           | 34, 37, 36         | 700         | black  | 1              |
| 108308       | Bag of accessories for flexible transmission (supplementing flexible rod)                        | 16, 50, 37, 51, 52 | -           | silver | 1              |
| 108302       | Bag of accessories for flexible transmission (supplementing flexible rod)                        | 16, 50, 37, 51, 52 | -           | white  | 1              |
| 108305       | Bag of accessories for flexible transmission (supplementing flexible rod)                        | 16, 50, 37, 51, 52 | -           | black  | 1              |
| 190864       | Bag of accessories for flexible transmission without plugging plate (supplementing flexible rod) | 16, 50, 37         | -           | silver | 1              |
| 190867       | Bag of accessories for flexible transmission without plugging plate (supplementing flexible rod) | 16, 50, 37         | -           | white  | 1              |
| 190870       | Bag of accessories for flexible transmission without plugging plate (supplementing flexible rod) | 16, 50, 37         | -           | black  | 1              |

### PRIMAT-FL 190

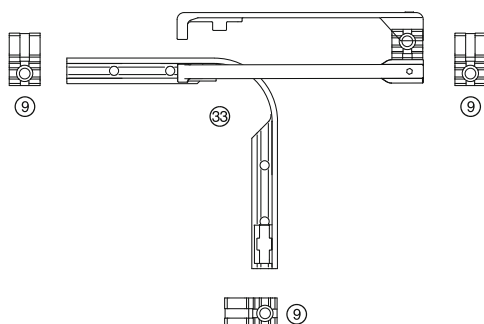
#### Requires the following additional fitting parts:

1. Additional carton PRIMAT-FL 190
2. Alu lever
3. Corner
4. Rod 8mm diameter
5. Alu cover profile

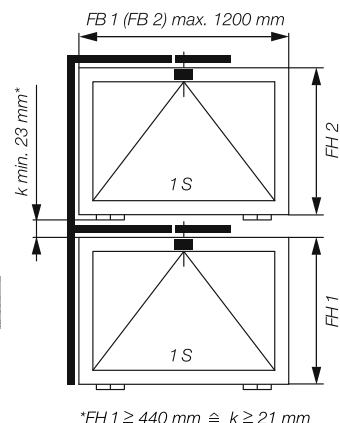
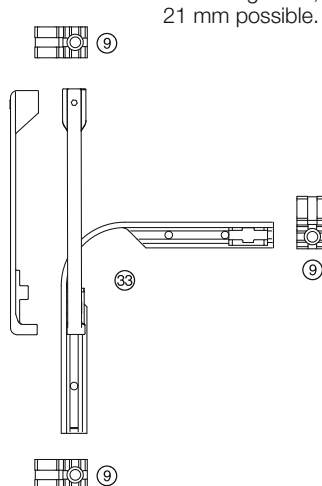
## Primat FL 190 - Corner for Double Sash Window



PRIMAT-FL 190, type: hm, 2 sashes, side-by-side



PRIMAT-FL 190, type: f, 2 sashes, on top of each other, \*sash heights of 400 mm or greater, 21 mm possible.



Side and front view  
Lever position on the left (right laterally reversed)

### Fitting parts

- 33 Corner for double-sash windows
- 9 Rod guide

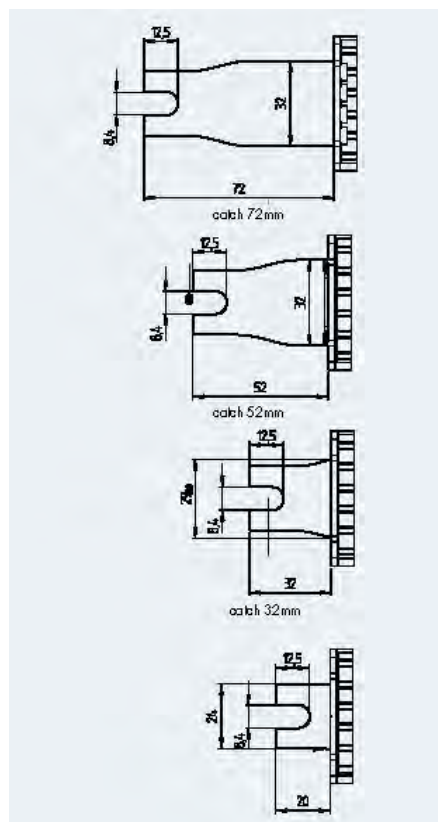
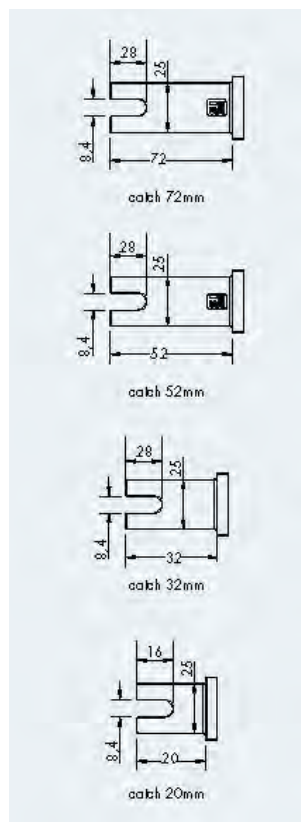
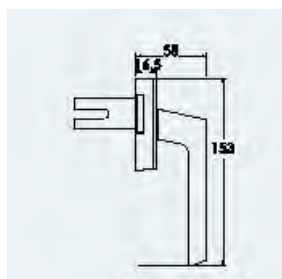
| Product code | Description                             | Reference | Packaging unit |
|--------------|-----------------------------------------|-----------|----------------|
| 228118       | Bag with corner for double sash windows | 9, 33     | 1              |

Note: Same use for all colour variations possible.

### Requires the following additional fitting parts:

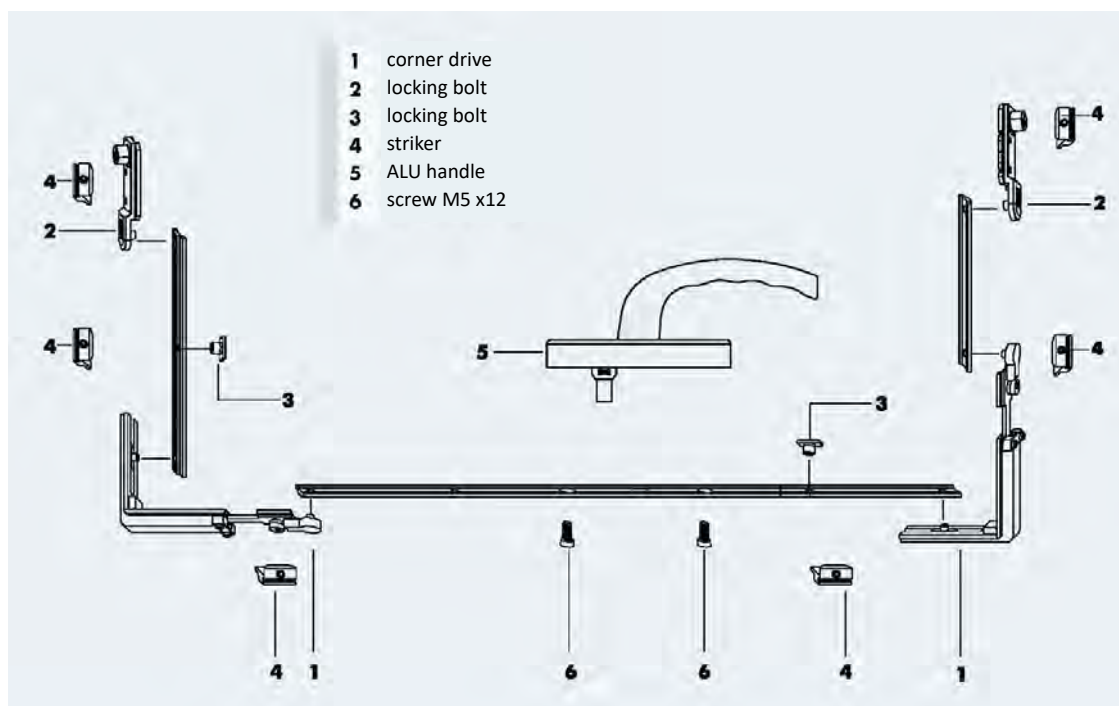
- 2x additional carton PRIMAT-FL 190
- Alu lever
- Rod 8mm diameter
- Alu cover profile

## Casement System - Handle for T Type Actuator



| Product code    | Description        | Colour     | Packaging unit |
|-----------------|--------------------|------------|----------------|
| NHES0300-5K7030 | Hebel LM DA handle | silver     | 1              |
| NHES0300-504030 | Hebel LM DA handle | 9016 white | 1              |
| NHES0300-523030 | Hebel LM DA handle | 9005 black | 1              |
| NHSM0080-000010 | DA catch 20mm      | -          | 1              |
| NHSM0070-000010 | DA catch 32mm      | -          | 1              |
| NHSM0050-000010 | DA catch 52mm      | -          | 1              |
| NHSM0060-000010 | DA catch 72mm      | -          | 1              |
| CHGM8000-100060 | DA catch 20mm      | -          | 1              |
| CHGM8010-100060 | DA catch 32mm      | -          | 1              |
| CHGM8020-100060 | DA catch 52mm      | -          | 1              |
| CHGM8030-100060 | DA catch 72mm      | -          | 1              |

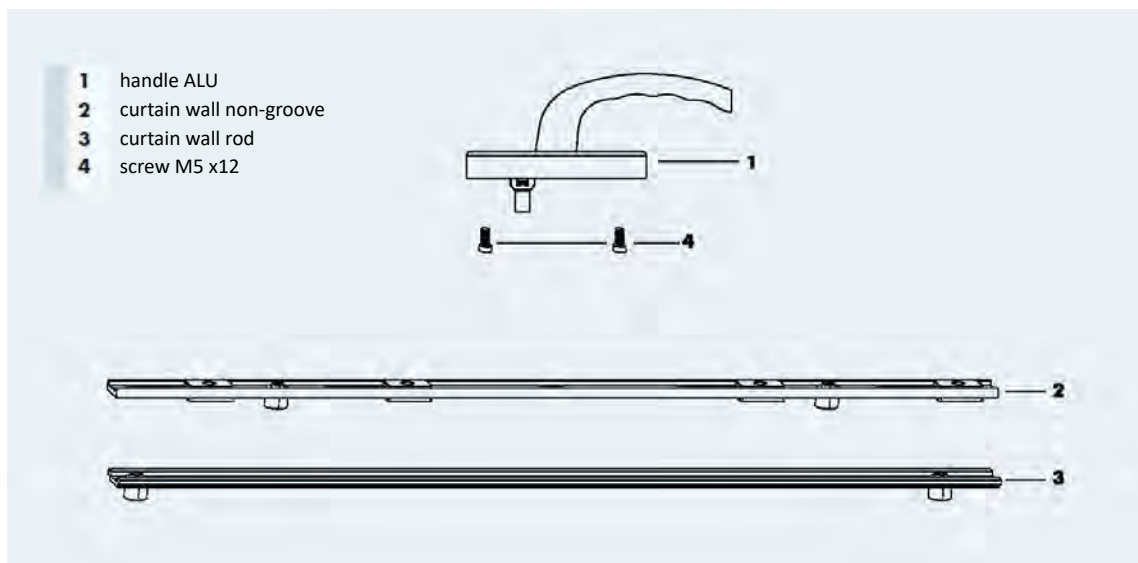
## Casement System - Curtain Wall Multi-point Locking



| Product code    | Description         | Reference | Colour | Packaging unit |
|-----------------|---------------------|-----------|--------|----------------|
| 220603          | VS ALU corner drive | 1         | -      | 2              |
| MCSB0010-100080 | VS ALU locking bolt | 2         | -      | 2              |
| NFZB0040-100200 | VS ALU locking bolt | 3         | -      | 2              |
| MCST0010-100080 | VS ALU striker      | 4         | -      | 6              |
| MCHS0010-5K7020 | ALU Handle          | 5         | silver | 1              |
| MCHS0010-504020 | ALU Handle          | 5         | white  | 1              |
| MCHS0010-523020 | ALU Handle          | 5         | black  | 1              |
| NDNA0120-000010 | Screw M5 X12        | 6         | -      | 2              |

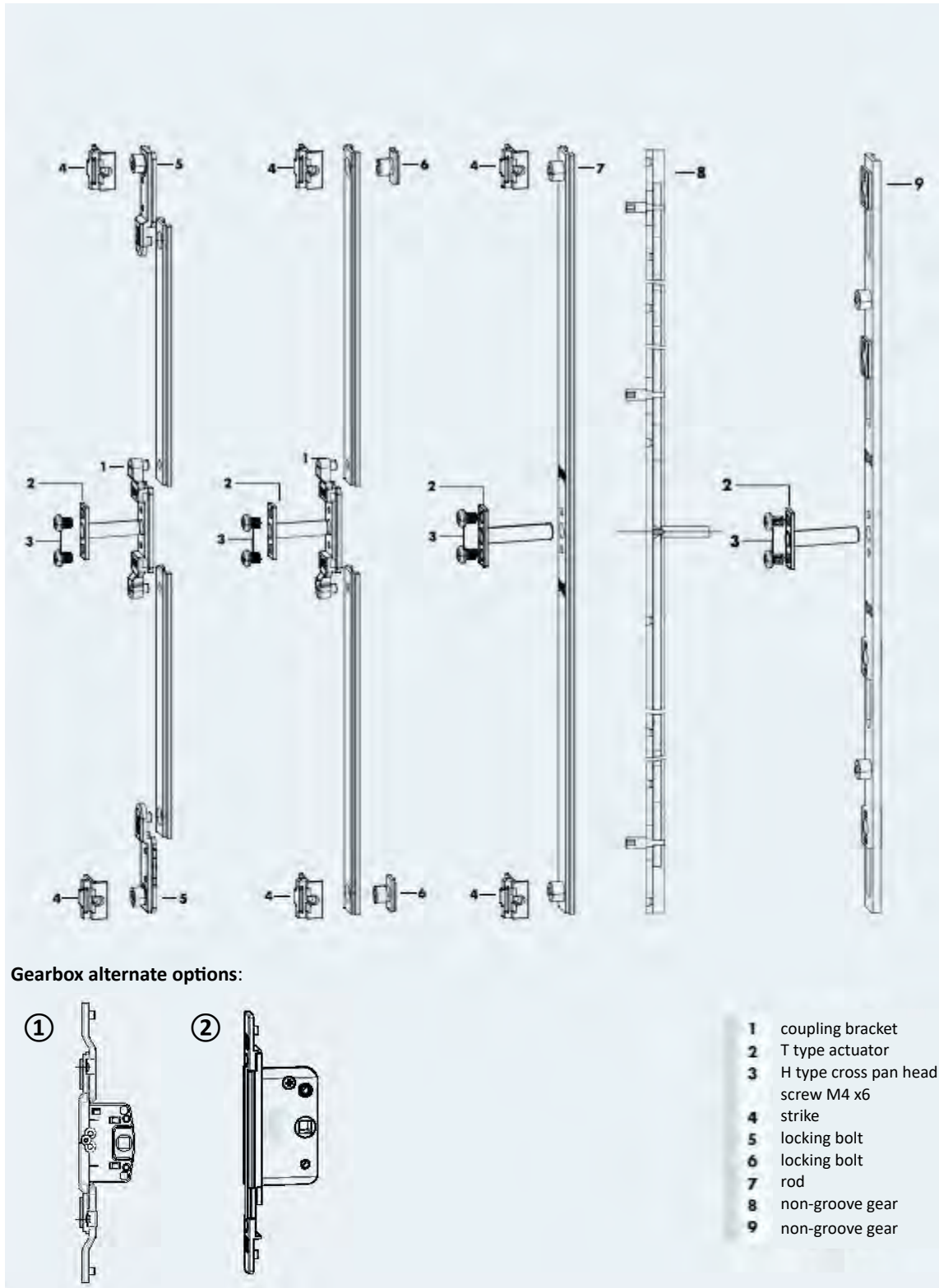


## Casement System - Curtain Wall Single Side Locking



| Product code    | Description                              | Reference | Size (mm)   | Colour | Packaging unit |
|-----------------|------------------------------------------|-----------|-------------|--------|----------------|
| MCBS0010-5K7020 | ALU Handle                               | 1         | -           | silver | 1              |
| MCBS0010-504020 | ALU Handle                               | 1         | -           | white  | 1              |
| MCBS0010-533020 | ALU Handle                               | 1         | -           | black  | 1              |
| MCSS0170-100060 | Curtain wall non groove gear GR 400 2MV  | 2         | 420 - 620   | -      | 1              |
| MCSS0180-100060 | Curtain wall non groove gear GR 600 2MV  | 2         | 620 - 820   | -      | 1              |
| MCSS0190-100060 | Curtain wall non groove gear GR 800 2MV  | 2         | 820 - 1020  | -      | 1              |
| MCSS0200-100060 | Curtain wall non groove gear GR 1000 3MV | 2         | 1020 - 1220 | -      | 1              |
| MCSS0210-100060 | Curtain wall non groove gear GR 1200 3MV | 2         | 1220 - 1500 | -      | 1              |
| MCSS0120-100060 | Curtain wall rod GR 400 2MV              | 3         | 420 - 620   | -      | 1              |
| MCSS0130-100060 | Curtain wall rod GR 600 2MV              | 3         | 620 - 820   | -      | 1              |
| MCSS0140-100060 | Curtain wall rod GR 800 2MV              | 3         | 820 - 1020  | -      | 1              |
| MCSS0150-100060 | Curtain wall rod GR 1000 3MV             | 3         | 1020 - 1220 | -      | 1              |
| MCSS0160-100060 | Curtain wall rod GR 1200 3MV             | 3         | 1220 - 1500 | -      | 1              |
| NDNA0120-000010 | Screw M5 X12                             | 4         | -           | -      | 2              |

## ALU Casement System - Locking Options



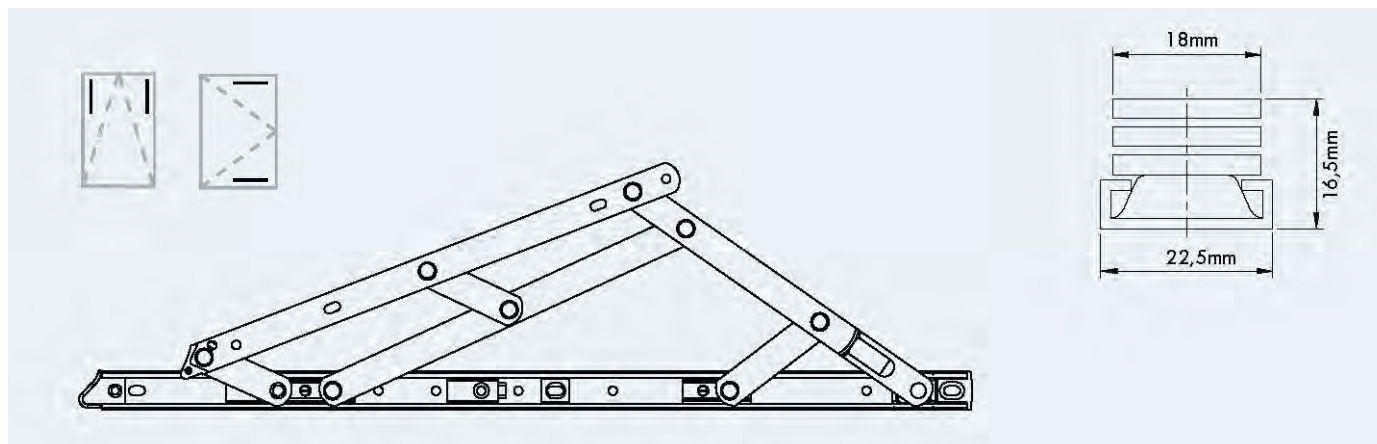
## ALU Casement System - Locking Options - continued

| Product code    | Description                        | Reference | Size (mm)   | Packaging unit |
|-----------------|------------------------------------|-----------|-------------|----------------|
| MCKL0020-100200 | Coupling bracket                   | 1         | -           | 1              |
| MCKL0030-100080 | T type actuator GR 20              | 2         | -           | 1              |
| MCKL0040-100080 | T type actuator GR 25              | 2         | -           | 1              |
| MCKL0050-100080 | T type actuator GR 30              | 2         | -           | 1              |
| MCKL0060-100080 | T type actuator GR 35              | 2         | -           | 1              |
| MCKL0070-100080 | T type actuator GR 40              | 2         | -           | 1              |
| MCNA0010-100290 | H type cross pan head screw M4 x6  | 3         | -           | 2              |
| MCST0010-100080 | Strike                             | 4         | -           | -              |
| MCSB0010-100080 | Locking bolt                       | 5         | -           | 2              |
| NFZB0040-100200 | Locking bolt                       | 6         | -           | -              |
| MCSS0020-100060 | Rod GR 400 2MV                     | 7         | 420 - 620   | 1              |
| MCSS0030-100060 | Rod GR 600 2MV                     | 7         | 620 - 820   | 1              |
| MCSS0040-100060 | Rod GR 800 2MV                     | 7         | 820 - 1020  | 1              |
| MCSS0050-100060 | Rod GR 1000 3MV                    | 7         | 1020 - 1220 | 1              |
| MCSS0060-100060 | Rod GR 1200 3MV                    | 7         | 1220 - 1500 | 1              |
| NGMD0100-000040 | Non-groove gear GR 400             | 8         | 420 - 620   | -              |
| NGMD0110-000040 | Non-groove gear GR 600             | 8         | 620 - 820   | -              |
| NGMD0120-000040 | Non-groove gear GR 800             | 8         | 820 - 1020  | -              |
| NGMD0130-000040 | Non-groove gear GR 1000            | 8         | 1020 - 1220 | -              |
| NGMD0140-000040 | Non-groove gear GR 1200            | 8         | 1220 - 1420 | -              |
| NGMD0150-000040 | Non-groove gear GR 1400            | 8         | 1420 - 1620 | -              |
| NGMD0160-000040 | Non-groove gear GR 1600            | 8         | 1620 - 1820 | -              |
| MCSS0070-100060 | Non-groove gear GR 400 2MV         | 9         | 420 - 620   | 1              |
| MCSS0080-100060 | Non-groove gear GR 600 2MV         | 9         | 620 - 820   | 1              |
| MCSS0090-100060 | Non-groove gear GR 800 2MV         | 9         | 820 - 1020  | 1              |
| MCSS0100-100060 | Non-groove gear GR 1000 3MV        | 9         | 1020 - 1220 | 1              |
| MCSS0110-100060 | Non-groove gear GR 1200 3MV        | 9         | 1220 - 1500 | 1              |
| NGKG0020-100020 | ALU 22.5mm backset DG gear TS K10  | ①         | -           | 1              |
| NGKG0030-100020 | ALU 30mm backset DG gear TS K10    | ①         | -           | 1              |
| MCG10010-100020 | Gear box ALU22mm backset AU TS K10 | ②         | -           | 1              |
| MCG10020-100020 | Gear box ALU30mm backset AU TS K10 | ②         | -           | 1              |
| MCG10030-100020 | Gear box ALU35mm backset AU TS K10 | ②         | -           | 1              |

## Friction Stays - Heavy Duty

### Product information

Suitable for turn only or top hung positioning.



| Product code    | Description                        | Height max. (mm) | Width max. (mm) | Weight max. (kg) | Opening angle | Packaging unit |
|-----------------|------------------------------------|------------------|-----------------|------------------|---------------|----------------|
| CSHD8500-000110 | Turn only friction hinge - ZPA-10" | 1500             | 500             | 23               | 90°           | 4              |
| CSHD8510-000110 | Turn only friction hinge - ZPA-12" | 1500             | 600             | 28               | 45/90°        | 4              |
| CSHD8520-000110 | Turn only friction hinge - ZPA-14" | 1500             | 700             | 33               | 45/90°        | 4              |
| CSHD8530-000110 | Turn only friction hinge - ZPA-16" | 1800             | 800             | 38               | 45/90°        | 4              |
| CSHD8540-000110 | Turn only friction hinge - ZPA-18" | 1800             | 900             | 43               | 45/90°        | 4              |
| CSHD8550-000110 | Turn only friction hinge - ZPA-20" | 1800             | 1000            | 45               | 30/60°        | 4              |
| CSHD8570-000110 | Turn only friction hinge - ZPA-24" | 1800             | 1100            | 50               | 30/45°        | 5              |
| CSHD8580-000110 | Top hung friction hinge - ZXA-10"  | 650              | 1100            | 43               | 35°           | 4              |
| CSHD8590-000110 | Top hung friction hinge - ZXA-12"  | 800              | 1200            | 60               | 30/35°        | 4              |
| CSHD8600-000110 | Top hung friction hinge - ZXA-14"  | 1000             | 1300            | 68               | 30/35°        | 4              |
| CSHD8610-000110 | Top hung friction hinge - ZXA-16"  | 1200             | 1400            | 85               | 25/30°        | 4              |
| CSHD8620-000110 | Top hung friction hinge - ZXA-18"  | 1400             | 1400            | 95               | 25/30°        | 4              |
| CSHD8630-000110 | Top hung friction hinge - ZXA-20"  | 1600             | 1500            | 108              | 20/25°        | 6              |
| CSHD8650-000110 | Top hung friction hinge - ZXA-24"  | 1800             | 1600            | 125              | 20/25°        | 6              |

| Product code    | Description                         | Contractive length A (mm) | Contractive length B* (mm) | Packaging unit |
|-----------------|-------------------------------------|---------------------------|----------------------------|----------------|
| NSFP0140-000010 | A series restrictor - LMCA-SPHE-06" | 154.5                     | 203.5                      | 1              |
| NSFP0150-000010 | A series restrictor - LMCA-SPHE-08" | 203.5                     | 301.5                      | 1              |
| NSFP0160-000010 | A series restrictor - LMCA-SPHE-10" | 254.5                     | 403.5                      | 1              |

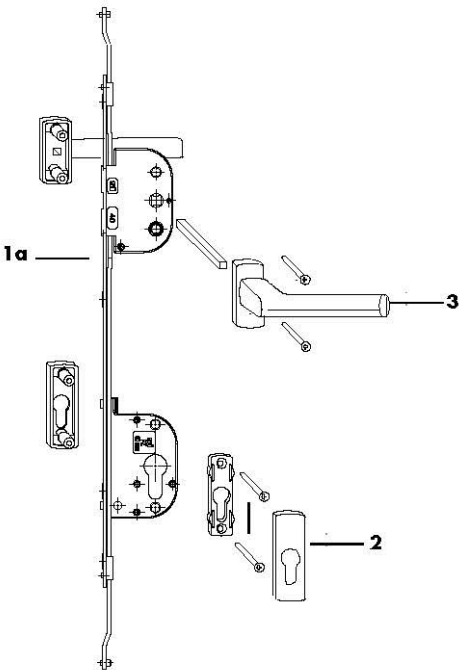
## ALU Entrance Lock - C Groove



| Product code     | Description                                        | Reference | PZ (mm) | Packaging unit |
|------------------|----------------------------------------------------|-----------|---------|----------------|
| DCMF7100-100010  | Multi-point locking body euro standard C groove 30 | 7         | 92      | 1              |
| DCMF7101-100010  | Multi-point locking body euro standard C groove 35 | 8         | 92      | 1              |
| MCSB80010-100080 | Locking bolt                                       | 9         | -       | 2              |
| MCST80010-100080 | Striker                                            | 11        | -       | 2              |



ALU Patio Lock

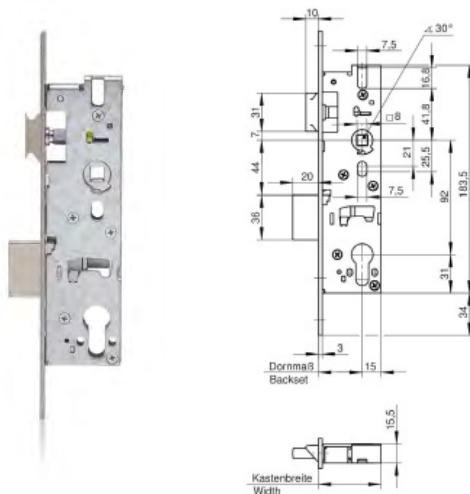


| Product code     | Description            | Reference | PZ (mm) | Packaging unit |
|------------------|------------------------|-----------|---------|----------------|
| MGIL8010-000020  | 30 PZ / C gear box K10 | 1a        | 201     | 1              |
| MGIL8020-000020  | 35 PZ / C gear box K10 | 1a        | 201     | 1              |
| MGIL8030-000020  | 40 PZ / C gear box K10 | 1a        | 201     | 1              |
| NGIL0030-000021  | 30 PZ / C gear box     | 1a        | 145     | 1              |
| NGIL0050-000021  | 35 PZ / C gear box     | 1a        | 145     | 1              |
| NGIL0070-000021  | 40 PZ / C gear box     | 1a        | 145     | 1              |
| MCSB80010-100080 | Locking                | 9         | -       | 2              |
| MCST80010-100080 | Striker                | 11        | -       | 2              |

blaugelb 1438 PZW Mortice Lock

## Product information

1438 PZW mortice lock is suitable for tube frame doors and is prepared for profile cylinders with the distance 92 mm. The 24 mm faceplate is made of stainless steel, the latch and deadbolt are nickel-plated. The latch can be reversed for left and right handing and deadbolt is single turn with a throw of 20 mm.

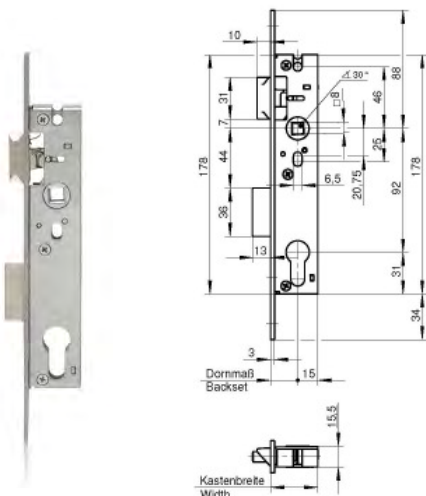


| Product code | Faceplate width (mm) | Backset (mm) | Faceplate length (mm) | Spindle (mm) | Handing       | Surface         | Packaging unit |
|--------------|----------------------|--------------|-----------------------|--------------|---------------|-----------------|----------------|
| 0390915      | 24                   | 25           | 245                   | 8            | right or left | stainless steel | 1              |
| 0390916      | 24                   | 30           | 245                   | 8            | right or left | stainless steel | 1              |
| 0390917      | 24                   | 35           | 245                   | 8            | right or left | stainless steel | 1              |
| 0390918      | 24                   | 40           | 245                   | 8            | right or left | stainless steel | 1              |
| 0390920      | 24                   | 45           | 245                   | 8            | right or left | stainless steel | 1              |

blaugelb 1433 PZW Mortice Lock

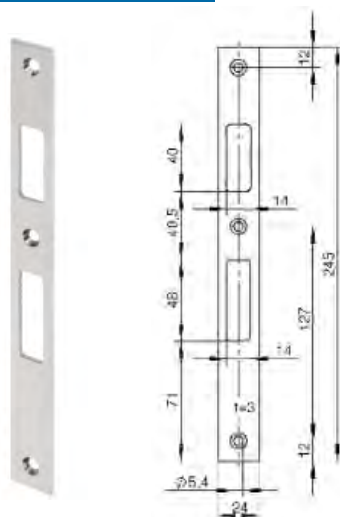
## Product information

1433 PZW mortice lock is suitable for tube frame doors and is prepared for profile cylinders with the distance 92 mm. The 24 mm faceplate is made of stainless steel, the latch and deadbolt are nickel-plated. The latch can be reversed for left and right handing and deadbolt is single turn with a throw of 13 mm.



| Product code | Faceplate width (mm) | Backset (mm) | Faceplate length (mm) | Spindle (mm) | Handing       | Surface         | Packaging unit |
|--------------|----------------------|--------------|-----------------------|--------------|---------------|-----------------|----------------|
| 0390912      | 24                   | 20           | 245                   | 8            | right or left | stainless steel | 1              |

blaugelb 1433 & 1438 PZW Mortice Lock Striker

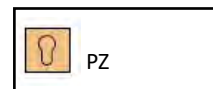
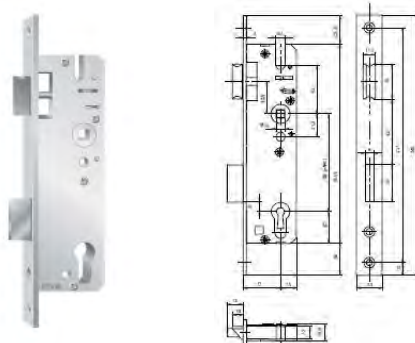


| Product code | Length (mm) | Faceplate type | Handing       | Surface         | Packaging unit |
|--------------|-------------|----------------|---------------|-----------------|----------------|
| 0433235      | 245         | square         | right or left | stainless steel | 1              |

### KFV 28 Mortice Lock

#### Product information

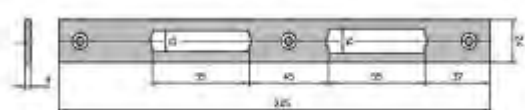
Class 1 mortice lock for aluminium and steel doors.



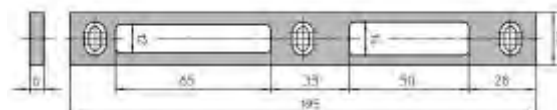
| Product code | Lock type | Backset (mm) | Spindle/lock distance (mm) | Faceplate width (mm) | Faceplate length (mm) | Faceplate type | Handing       | Surface         | Packaging unit |
|--------------|-----------|--------------|----------------------------|----------------------|-----------------------|----------------|---------------|-----------------|----------------|
| 3112718      | PZ        | 30           | 92                         | 24                   | 245                   | square         | right or left | silver coated   | 1              |
| 3112720      | PZ        | 30           | 92                         | 24                   | 245                   | square         | right or left | stainless steel | 1              |

\* Please refer to striker plate 0129-03-24 and 8055-06-22-2.

### KFV 0129-03-24 & 8055-06-22-2 Mortice Lock Strike



\* Please Note: 0129-03-24 above



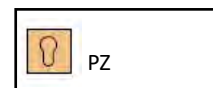
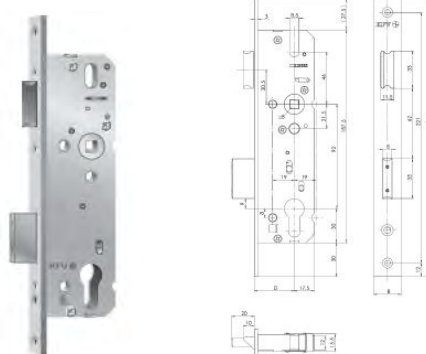
\* Please Note: 8055-06-22-2 above

| Product code | Description  | Length (mm) | Faceplate type | Handing       | Surface         | Packaging unit |
|--------------|--------------|-------------|----------------|---------------|-----------------|----------------|
| 3100403      | 0129-03-24   | 245         | square         | right or left | silver coated   | 1              |
| 3100404      | 0129-03-24   | 245         | square         | right or left | stainless steel | 1              |
| 3139210      | 8055-06-22-2 | 195         | square         | right or left | aluminium       | 1              |

### KFV 49 Mortice Lock

#### Product information

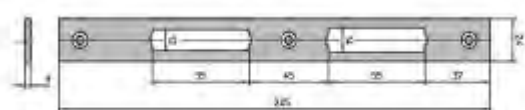
Class 3 mortice lock for aluminium and steel doors.



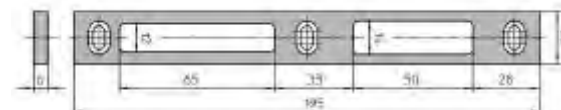
| Product code | Lock type | Backset (mm) | Spindle/lock distance (mm) | Faceplate width (mm) | Faceplate length (mm) | Faceplate type | Handing       | Surface         | Packaging unit |
|--------------|-----------|--------------|----------------------------|----------------------|-----------------------|----------------|---------------|-----------------|----------------|
| 3469510      | PZ        | 30           | 92                         | 24                   | 245                   | square         | right or left | silver coated   | 1              |
| 3469504      | PZ        | 30           | 92                         | 24                   | 245                   | square         | right or left | stainless steel | 1              |

\* Please refer to striker plate 0129-03-24 and 8055-06-22-2.

### KFV 0129-03-24 & 8055-06-22-2 Mortice Lock Strike



\* Please Note: 0129-03-24 above



\* Please Note: 8055-06-22-2 above

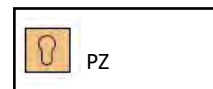
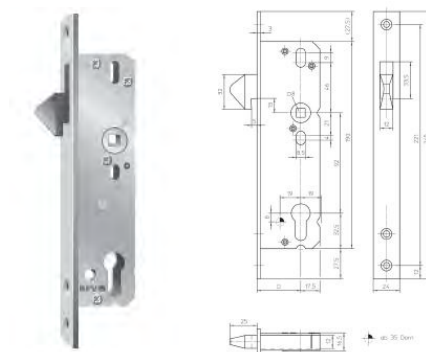
| Product code | Description  | Length (mm) | Faceplate type | Handing       | Surface         | Packaging unit |
|--------------|--------------|-------------|----------------|---------------|-----------------|----------------|
| 3100403      | 0129-03-24   | 245         | square         | right or left | silver coated   | 1              |
| 3100404      | 0129-03-24   | 245         | square         | right or left | stainless steel | 1              |
| 3139210      | 8055-06-22-2 | 195         | square         | right or left | aluminium       | 1              |



## KFV 1625 PZ Sliding Mortice Lock

### Product information

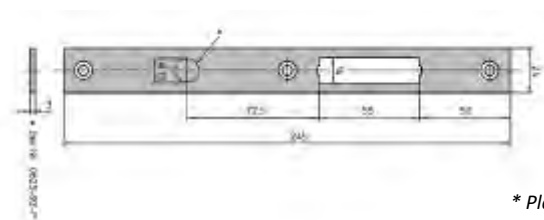
Sliding mortice lock for aluminium and steel doors.



\* Please Note: Anti-lift pin (3450054 & 3360946) not pictured

| Product code | Lock type | Anti-lift pin | Backset (mm) | Spindle/lock distance (mm) | Faceplate width (mm) | Faceplate length (mm) | Faceplate type | Handing       | Surface         | Packaging unit |
|--------------|-----------|---------------|--------------|----------------------------|----------------------|-----------------------|----------------|---------------|-----------------|----------------|
| 3446232      | PZ        | no            | 30           | 92                         | 24                   | 245                   | square         | right or left | silver coated   | 1              |
| 3309110      | PZ        | no            | 30           | 92                         | 24                   | 245                   | square         | right or left | stainless steel | 1              |
| 3450054      | PZ        | yes           | 30           | 92                         | 24                   | 245                   | square         | right or left | silver coated   | 1              |
| 3360946      | PZ        | yes           | 35           | 92                         | 24                   | 245                   | square         | right or left | silver coated   | 1              |

## KFV 0625 Sliding Mortice Lock Striker

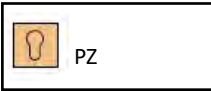
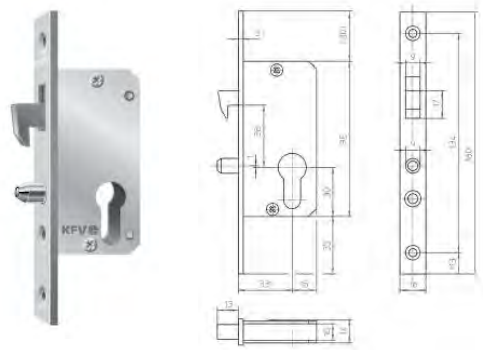


\* Please Note: Anti-lift pin striker (3483900) not pictured

| Product code | Anti-lift striker | Length (mm) | Faceplate type | Handing       | Surface         | Packaging unit |
|--------------|-------------------|-------------|----------------|---------------|-----------------|----------------|
| 3297605      | no                | 245         | square         | right or left | silver coated   | 1              |
| 3297606      | no                | 245         | square         | right or left | stainless steel | 1              |
| 3483900      | yes               | 245         | square         | right or left | silver coated   | 1              |

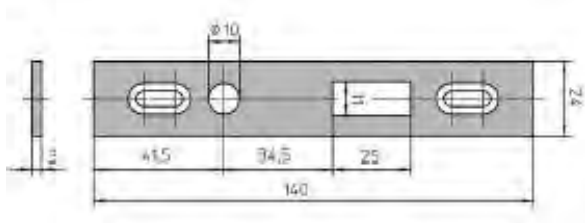
### KFV 1630 Sliding Mortice Lock

**Product information**  
 Sliding mortice lock without spindle, operation via profile cylinder.



| Product code | Lock type | Backset (mm) | Faceplate width (mm) | Faceplate length (mm) | Faceplate type | Handing       | Surface       | Packaging unit |
|--------------|-----------|--------------|----------------------|-----------------------|----------------|---------------|---------------|----------------|
| 3160955      | PZ        | 33           | 16                   | 160                   | square         | right or left | silver coated | 1              |

### KFV 0630 Sliding Mortice Lock Striker

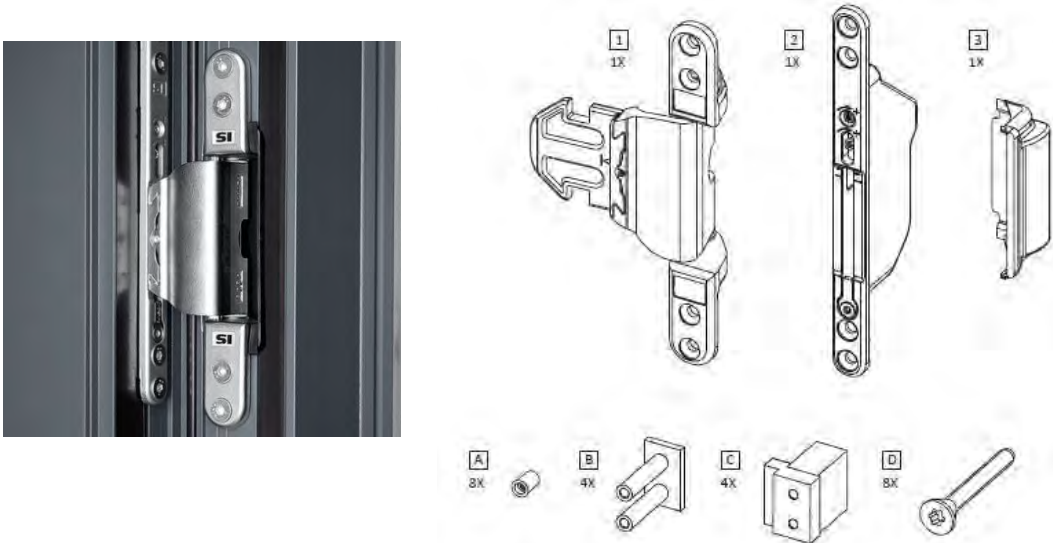


| Product code | Length (mm) | Faceplate type | Handing       | Surface       | Packaging unit |
|--------------|-------------|----------------|---------------|---------------|----------------|
| 3271323      | 140         | square         | right or left | silver coated | 1              |

Axxent Concealed Door Hinge

Product information

For aluminium doors up to 120 kg, the two-part design with frame and sash part makes it particularly easy to hang and remove the door leaf. Optimum 3D adjustment with large adjustment settings, low level of profile milling required, and easy to clean.



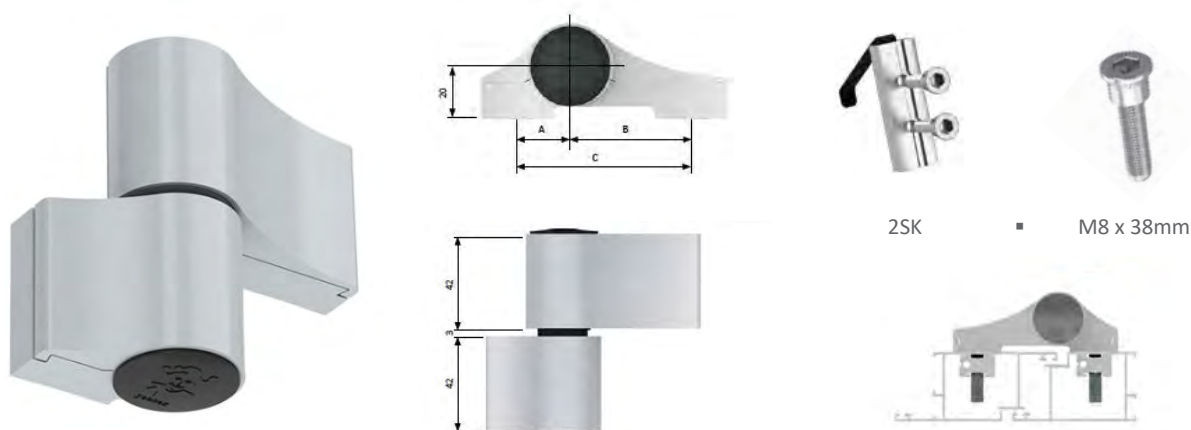
| Description                                   | Reference | Packaging unit |
|-----------------------------------------------|-----------|----------------|
| Frame part                                    | 1         | 1              |
| Sash part                                     | 2         | 1              |
| Covercap                                      | 3         | 1              |
| M6 clinch nut                                 | A         | 1              |
| Screw cases                                   | B         | 1              |
| Attachment part                               | C         | 1              |
| Countersunk screws M6 x25/ M6 x40 DIN965, T30 | D         | 2              |

Note: Parts are profile specific. Contact Siegware to place orders.

## ALU 2-Leaf Jocker Hinge

### Product information

For aluminium doors, with easy 3D adjustment with no need to lift or take out the sash, and 4 versions of width (60mm, 67mm, 86mm and 93mm). Frame and sash part made of high quality extruded aluminium, and tested for 200,000 cycles. Available in anodized version (increased corrosion, abrasion and UV resistance), and any RAL colours. End caps made of ASA, UV resistant plastic, and is designed with a sliding plastic bearing to ensure proper operation of the hinge. Template available.



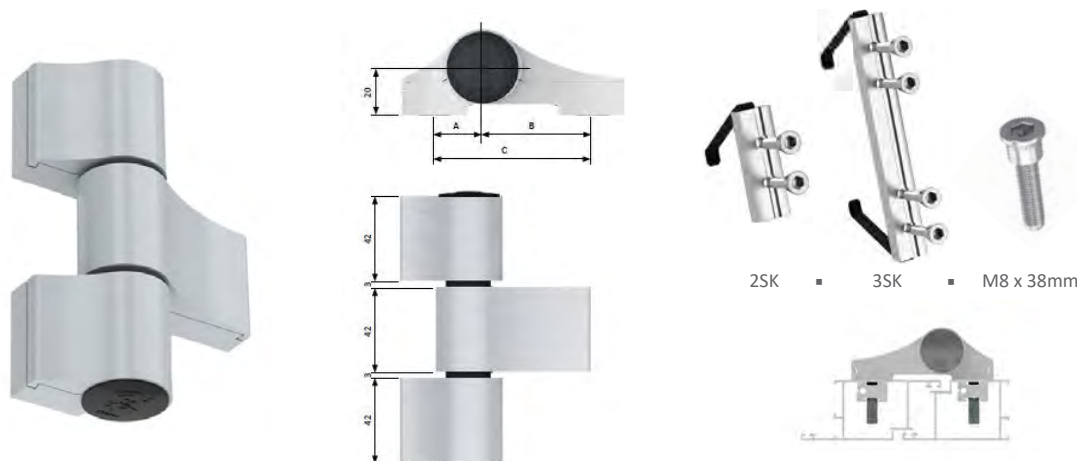
| Product code | Description                                           | Size - C (mm) | Colour          | Packaging unit |
|--------------|-------------------------------------------------------|---------------|-----------------|----------------|
| 90290166000  | Aluminium door hinge - 2-leaf                         | 60            | 9016 white      | 24             |
| 90290166700  | Aluminium door hinge - 2-leaf                         | 67            | 9016 white      | 24             |
| 90290168600  | Aluminium door hinge - 2-leaf                         | 86            | 9016 white      | 24             |
| 90290169300  | Aluminium door hinge - 2-leaf                         | 93            | 9016 white      | 24             |
| 90280776000  | Aluminium door hinge - 2-leaf                         | 60            | 8077 brown      | 24             |
| 90280776700  | Aluminium door hinge - 2-leaf                         | 67            | 8077 brown      | 24             |
| 90280778600  | Aluminium door hinge - 2-leaf                         | 86            | 8077 brown      | 24             |
| 90280779300  | Aluminium door hinge - 2-leaf                         | 93            | 8077 brown      | 24             |
| 9029005M6000 | Aluminium door hinge - 2-leaf                         | 60            | 9005 black matt | 24             |
| 9029005M6700 | Aluminium door hinge - 2-leaf                         | 67            | 9005 black matt | 24             |
| 9029005M8600 | Aluminium door hinge - 2-leaf                         | 86            | 9005 black matt | 24             |
| 9029005M9300 | Aluminium door hinge - 2-leaf                         | 93            | 9005 black matt | 24             |
| 90270166000  | Aluminium door hinge - 2-leaf                         | 60            | 7016 anthracite | 24             |
| 90270166700  | Aluminium door hinge - 2-leaf                         | 67            | 7016 anthracite | 24             |
| 90270168600  | Aluminium door hinge - 2-leaf                         | 86            | 7016 anthracite | 24             |
| 90270169300  | Aluminium door hinge - 2-leaf                         | 93            | 7016 anthracite | 24             |
| 902F16000    | Aluminium door hinge - 2-leaf                         | 60            | F1              | 24             |
| 902F16700    | Aluminium door hinge - 2-leaf                         | 67            | F1              | 24             |
| 902F18600    | Aluminium door hinge - 2-leaf                         | 86            | F1              | 24             |
| 902F19300    | Aluminium door hinge - 2-leaf                         | 93            | F1              | 24             |
| 902INOX6000  | Aluminium door hinge - 2-leaf                         | 60            | INOX            | 24             |
| 902INOX6700  | Aluminium door hinge - 2-leaf                         | 67            | INOX            | 24             |
| 902INOX8600  | Aluminium door hinge - 2-leaf                         | 86            | INOX            | 24             |
| 902INOX9300  | Aluminium door hinge - 2-leaf                         | 93            | INOX            | 24             |
| 90208380002D | Mounting set - x4 screws (M8x38 + x2 mounting plates) | -             | -               | 1              |
| 40704040300  | Jocker alu template                                   | -             | -               | 1              |

Note: Distance plates available for stepped profiles.

## ALU 3-Leaf Jocker Hinge

### Product information

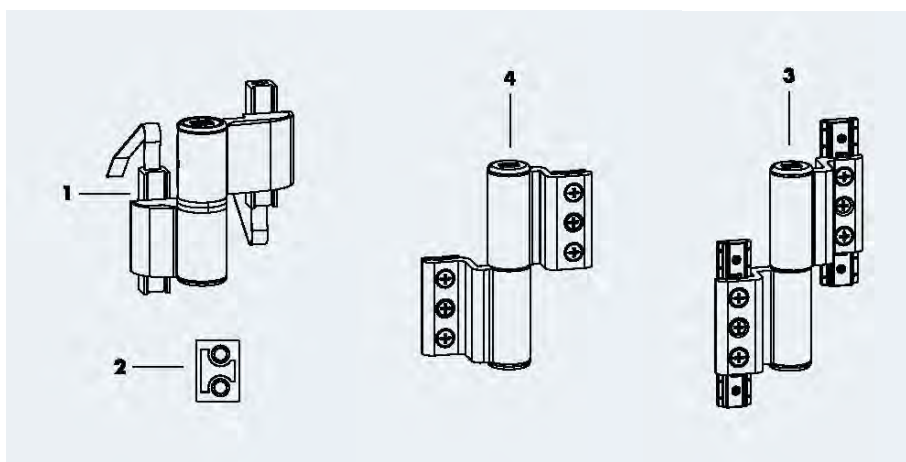
For aluminium doors, with easy 3D adjustment with no need to lift or take out the sash, and 4 versions of width (60mm, 67mm, 86mm and 93mm). Frame and sash part made of high quality extruded aluminium, and tested for 200,000 cycles. Available in anodized version (increased corrosion, abrasion and UV resistance), and any RAL colours. End caps made of ASA, UV resistant plastic, and is designed with a sliding plastic bearing to ensure proper operation of the hinge. Template available.



| Product code | Description                                           | Size - C (mm) | Colour          | Packaging unit |
|--------------|-------------------------------------------------------|---------------|-----------------|----------------|
| 90390166000  | Aluminium door hinge - 3-leaf                         | 60            | 9016 white      | 24             |
| 90390166700  | Aluminium door hinge - 3-leaf                         | 67            | 9016 white      | 24             |
| 90390168600  | Aluminium door hinge - 3-leaf                         | 86            | 9016 white      | 24             |
| 90390169300  | Aluminium door hinge - 3-leaf                         | 93            | 9016 white      | 24             |
| 90380776000  | Aluminium door hinge - 3-leaf                         | 60            | 8077 brown      | 24             |
| 90380776700  | Aluminium door hinge - 3-leaf                         | 67            | 8077 brown      | 24             |
| 90380778600  | Aluminium door hinge - 3-leaf                         | 86            | 8077 brown      | 24             |
| 90380779300  | Aluminium door hinge - 3-leaf                         | 93            | 8077 brown      | 24             |
| 9039005M6000 | Aluminium door hinge - 3-leaf                         | 60            | 9005 black matt | 24             |
| 9039005M6700 | Aluminium door hinge - 3-leaf                         | 67            | 9005 black matt | 24             |
| 9039005M8600 | Aluminium door hinge - 3-leaf                         | 86            | 9005 black matt | 24             |
| 9039005M9300 | Aluminium door hinge - 3-leaf                         | 93            | 9005 black matt | 24             |
| 90370166000  | Aluminium door hinge - 3-leaf                         | 60            | 7016 anthracite | 24             |
| 90370166700  | Aluminium door hinge - 3-leaf                         | 67            | 7016 anthracite | 24             |
| 90370168600  | Aluminium door hinge - 3-leaf                         | 86            | 7016 anthracite | 24             |
| 90370169300  | Aluminium door hinge - 3-leaf                         | 93            | 7016 anthracite | 24             |
| 903F16000    | Aluminium door hinge - 3-leaf                         | 60            | F1              | 24             |
| 903F16700    | Aluminium door hinge - 3-leaf                         | 67            | F1              | 24             |
| 903F18600    | Aluminium door hinge - 3-leaf                         | 86            | F1              | 24             |
| 903F19300    | Aluminium door hinge - 3-leaf                         | 93            | F1              | 24             |
| 903INOX6000  | Aluminium door hinge - 3-leaf                         | 60            | INOX            | 24             |
| 903INOX6700  | Aluminium door hinge - 3-leaf                         | 67            | INOX            | 24             |
| 903INOX8600  | Aluminium door hinge - 3-leaf                         | 86            | INOX            | 24             |
| 903INOX9300  | Aluminium door hinge - 3-leaf                         | 93            | INOX            | 24             |
| 90308380003D | Mounting set - x6 screws (M8x38 + x2 mounting plates) | -             | -               | 1              |
| 40704040300  | Jocker alu template                                   | -             | -               | 1              |

Note: Distance plates available for stepped profiles.

## ALU Door Hinges



| Product code    | Description       | Reference | Colour          | Packaging unit |
|-----------------|-------------------|-----------|-----------------|----------------|
| DCTA0002-5K7010 | ALU 150-3D hinge  | 1         | silver          | 1              |
| DCTA0002-504010 | ALU 150-3D hinge  | 1         | white           | 1              |
| DCTA0002-533010 | ALU 150-3D hinge  | 1         | brown           | 1              |
| DCTA0002-523010 | ALU 150-3D hinge  | 1         | black           | 1              |
| DCTA0002-535010 | ALU 150-3D hinge  | 1         | titan matt dark | 1              |
| DRUP0030-5K7010 | ALU 150-3D packer | 2         | silver          | 1              |
| DRUP0030-504020 | ALU 150-3D packer | 2         | white           | 1              |
| DRUP0030-533020 | ALU 150-3D packer | 2         | brown           | 1              |
| DRUP0030-523020 | ALU 150-3D packer | 2         | black           | 1              |
| DRUP0030-535020 | ALU 150-3D packer | 2         | titan matt dark | 1              |
| MCTB0010-5K7050 | ALU JC 120 hinge  | 3         | silver          | 1              |
| MCTB0010-504010 | ALU JC 120 hinge  | 3         | white           | 1              |
| MCTB0010-533010 | ALU JC 120 hinge  | 3         | brown           | 1              |
| MCTB0010-523010 | ALU JC 120 hinge  | 3         | black           | 1              |
| MCTB0010-535050 | ALU JC 120 hinge  | 3         | titan matt dark | 1              |
| DCTA0001-5K7010 | ALU YM 120 hinge  | 4         | silver          | 1              |
| DCTA0001-504010 | ALU YM 120 hinge  | 4         | white           | 1              |
| DCTA0001-533010 | ALU YM 120 hinge  | 4         | brown           | 1              |
| DCTA0001-523010 | ALU YM 120 hinge  | 4         | black           | 1              |
| DCTA0001-535010 | ALU YM 120 hinge  | 4         | titan matt dark | 1              |

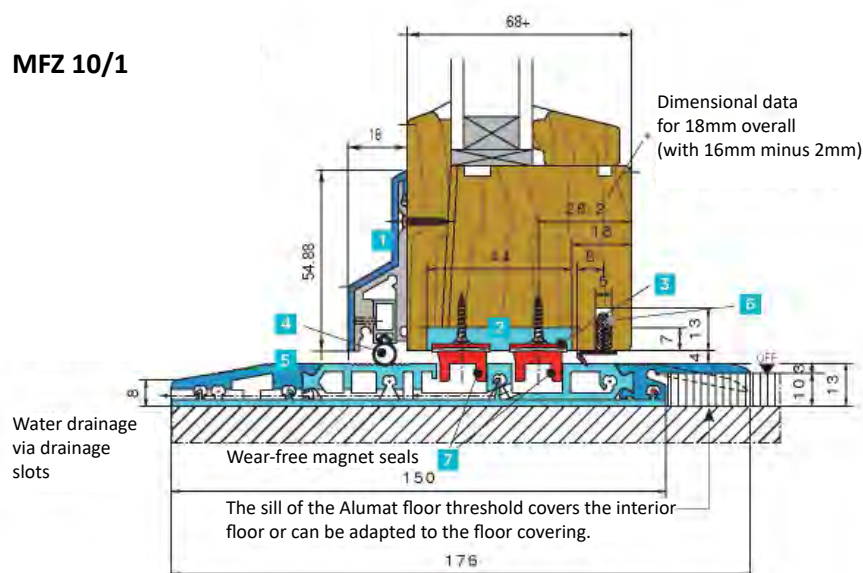


## Alumat Barrier-Free Magnetic Profile

### Product information

MFZ renovation profile has an extremely low installation height, can be easily set directly on every rough floor. The magnetic double seal adapts itself to a wide variety of installation conditions. Different floor heights can be leveled with various Alumat auxiliary profiles.

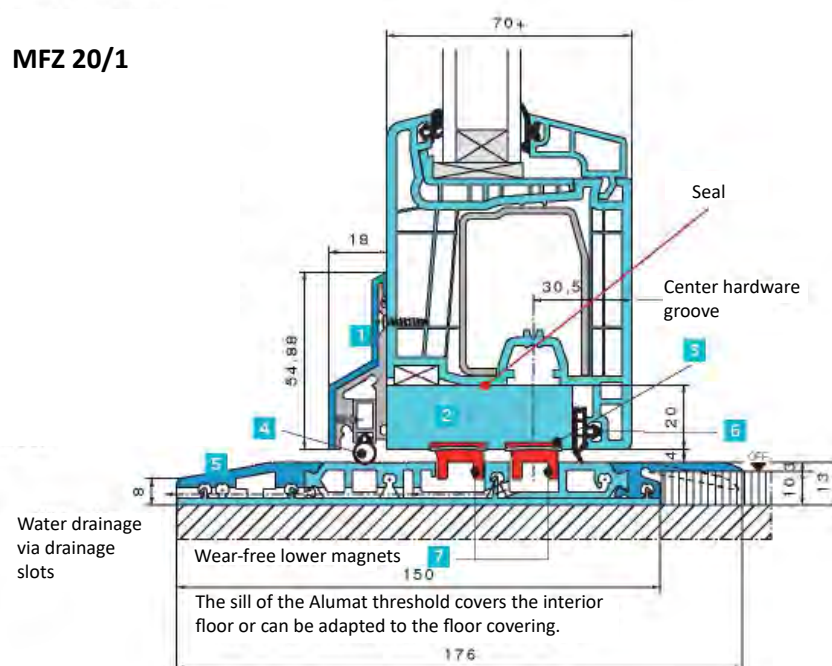
#### MFZ 10/1



- Ready-to-install delivery: Compatible with turn or tilt/turn doors, one and two leaf, overlap/fixed glazing
- Leveling from zero to 30mm
- No wear, no mechanics, 20 year warranty on magnet tension force
- Evaluated gap noise insulation index  $R_{s,w}$  up to 46 dB
- For nursing homes, senior residences, hospitals, homes for people with disabilities, day care facilities, kindergartens, single family homes, apartment buildings, hotels

With integrated exterior doors in old construction, the existing stop threshold must be removed. The barrier-free ALUMAT magnetic double seal must be fitted into the decorative frame rebate and sealed on the side. Either shorten or lengthen the doors with approx. 4mm gap to the ALUMAT floor profile.

#### MFZ 20/1



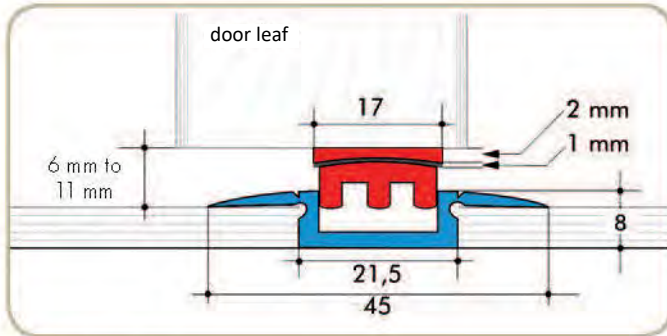
With integrated exterior doors in old construction, the existing stop threshold must be removed. The barrier-free ALUMAT magnetic double seal must be fitted into the decorative frame rebate and sealed on the side. Either shorten or lengthen the doors with approx. 4mm gap to the ALUMAT floor profile.

| Product code | Description                                      | Packaging unit (lineal metre) |
|--------------|--------------------------------------------------|-------------------------------|
| ALUMATMFZ10  | Alumat renovation profile MFZ10 with accessories | 1                             |
| ALUMATMFZ20  | Alumat renovation profile MFZ20 with accessories | 1                             |

## Alumat Universal Floor Profile

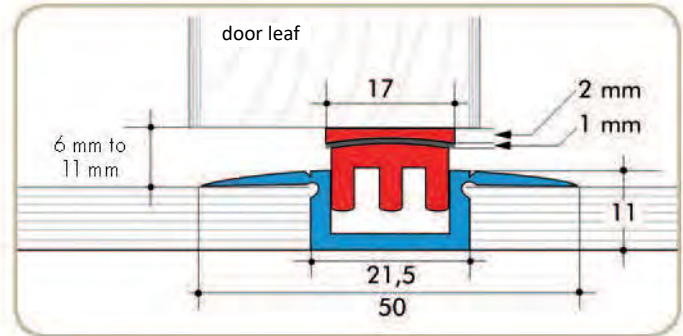
### Product information

Aluminium floor profile with continuously rising magnetic threshold and magnetic counter profile for fitting at the lower door leaf edge. Grooving not required.



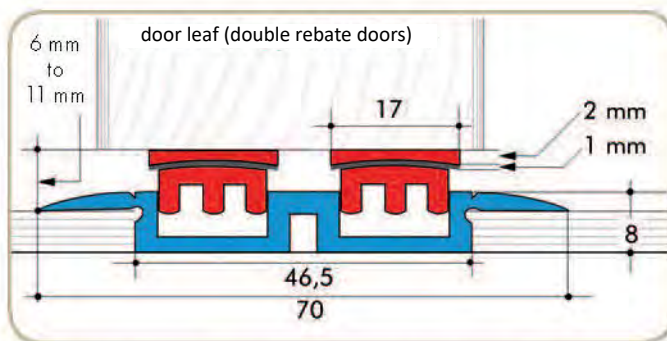
**Model MTK 3**

Starting from approx. 3mm flooring / Magnetic force between upper and lower magnet profile (max. 5mm)



**Model MTK 6**

Starting from approx. 3mm flooring / Magnetic force between upper and lower magnet profile (max. 5mm)



**Model MTK 32 for double rebate doors**

Starting from approx. 3mm flooring / Magnetic force between upper and lower magnet profile (max. 5mm)

**COLD STOP**  
stops draft air

**NOISE STOP**  
reduces sound

**SMOKE STOP**  
keeps escape routes free

### Product features

- 20 year warranty on the magnetic force
- material separation rail not required
- optimum sealing effect, smokeproof according to DIN 18095, sound insulation DIN 52210 residual value 45 db
- easy installation, no vulnerable mechanics
- automatic adaptation to the door leaf, hence not affected by uneven flooring
- bridging of door cracks up to 16mm

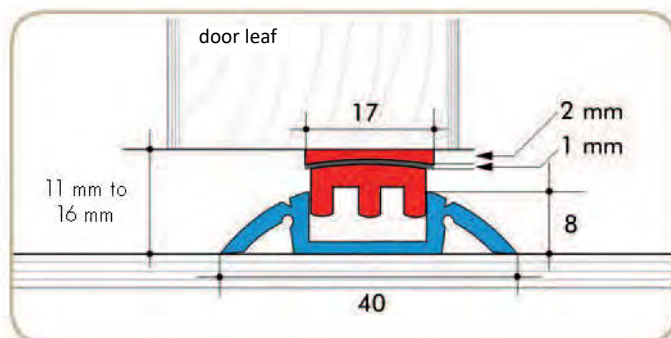
| Product code  | Description             | Model  | Length (mm) | Colour/Finish   | Packaging unit |
|---------------|-------------------------|--------|-------------|-----------------|----------------|
| AMMTK3860EV1  | Universal floor profile | MTK 3  | 860         | silver anodized | 1              |
| AMMTK3985EV1  | Universal floor profile | MTK 3  | 985         | silver anodized | 1              |
| AMMTK6860EV1  | Universal floor profile | MTK 6  | 860         | silver anodized | 1              |
| AMMTK6985EV1  | Universal floor profile | MTK 6  | 985         | silver anodized | 1              |
| AMMTK32860EV1 | Universal floor profile | MTK 32 | 860         | silver anodized | 1              |
| AMMTK32985EV1 | Universal floor profile | MTK 32 | 985         | silver anodized | 1              |

Note: Larger sizes available on request. Magnets sold separately.

## Alumat Standard Floor Profile

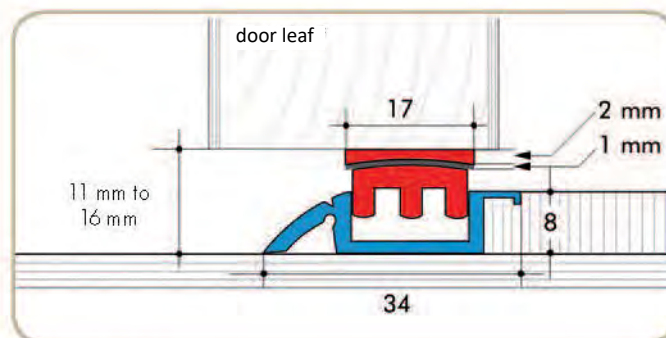
### Product information

Aluminium floor profile with continuously rising magnetic threshold and magnetic counter profile for fitting at the lower door leaf edge. Grooving not required.



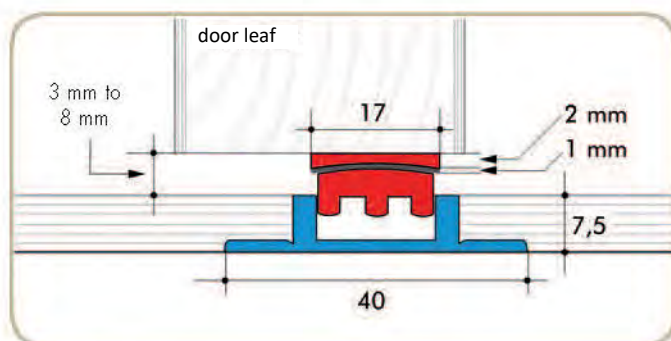
**Model MA 1**

On the floor / Magnetic force between upper and lower magnet profile (max. 5mm)



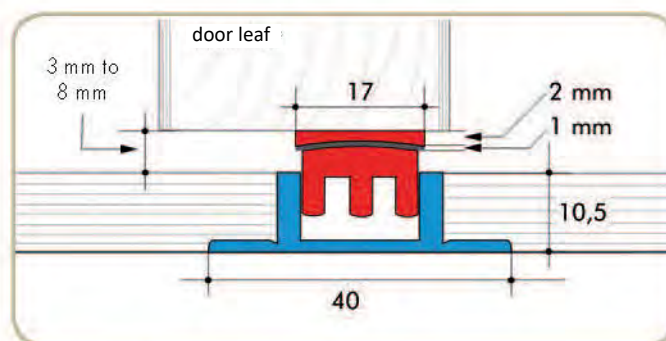
**Model MA 2**

On one side of the flooring / Magnetic force between upper and lower magnet profile (max. 5mm)



**Model MF 1**

Starting from approx. 6mm flooring / Magnetic force between upper and lower magnet profile (max. 5mm)



**Model MF 2**

Starting from approx. 9mm flooring / Magnetic force between upper and lower magnet profile (max. 5mm)

**COLD STOP**  
stops draft air

**NOISE STOP**  
reduces sound

**SMOKE STOP**  
keeps escape routes free

### Product features

- 20 year warranty on the magnetic force
- material separation rail not required
- optimum sealing effect, smokeproof according to DIN 18095, sound insulation DIN 52210 residual value 45 db
- easy installation, no vulnerable mechanics
- automatic adaptation to the door leaf, hence not affected by uneven flooring
- bridging of door cracks up to 16mm

| Product code | Description            | Model | Length (mm) | Colour/Finish   | Packaging unit |
|--------------|------------------------|-------|-------------|-----------------|----------------|
| AMMA1860EV1  | Standard floor profile | MA 1  | 860         | silver anodized | 1              |
| AMMA1985EV1  | Standard floor profile | MA 1  | 985         | silver anodized | 1              |
| AMMA2860EV1  | Standard floor profile | MA 2  | 860         | silver anodized | 1              |
| AMMA2985EV1  | Standard floor profile | MA 2  | 985         | silver anodized | 1              |
| AMMF1860EV1  | Standard floor profile | MF 1  | 860         | silver anodized | 1              |
| AMMF1985EV1  | Standard floor profile | MF 1  | 985         | silver anodized | 1              |
| AMMF2860EV1  | Standard floor profile | MF 2  | 860         | silver anodized | 1              |
| AMMF2985EV1  | Standard floor profile | MF 2  | 985         | silver anodized | 1              |

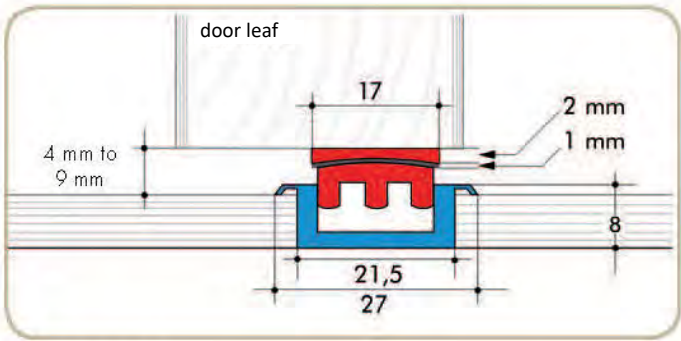
*Note: Larger sizes available on request. Magnets sold separately.*



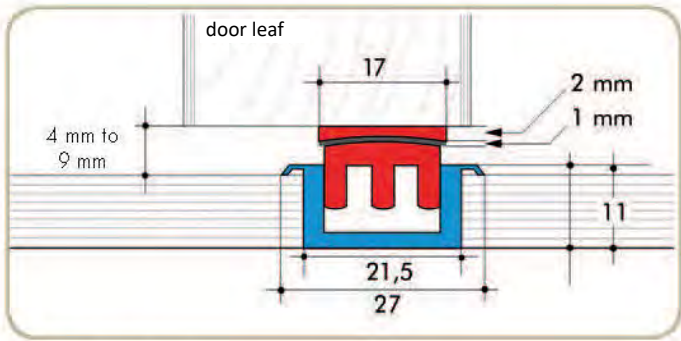
## Alumat Special Floor Profile

### Product information

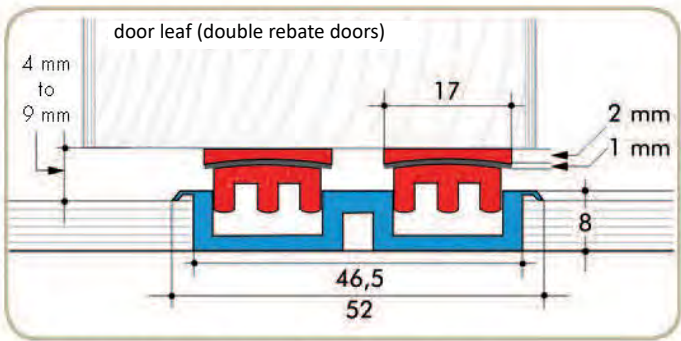
Aluminium floor profile with continuously rising magnetic threshold and magnetic counter profile for fitting at the lower door leaf edge. Grooving not required.



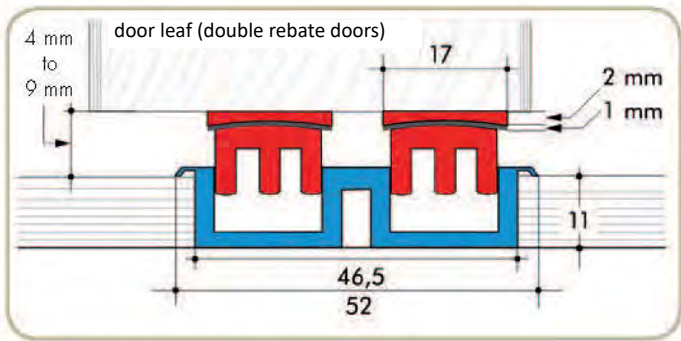
**Model MFS 1**  
Starting from approx. 6mm flooring / Magnetic force between upper and lower magnet profile (max. 5mm)



**Model MFS 10**  
Starting from approx. 9mm flooring / Magnetic force between upper and lower magnet profile (max. 5mm)



**Model MFS 2 for double rebate doors**  
Starting from approx. 6mm flooring / Magnetic force between upper and lower magnet profile (max. 5mm)



**Model MFS 20 for double rebate doors**  
Starting from approx. 9mm flooring / Magnetic force between upper and lower magnet profile (max. 5mm). Only available in silver anodized.

|                              |                             |                                        |
|------------------------------|-----------------------------|----------------------------------------|
| COLD STOP<br>stops draft air | NOISE STOP<br>reduces sound | SMOKE STOP<br>keeps escape routes free |
|------------------------------|-----------------------------|----------------------------------------|

### Product features

- 20 year warranty on the magnetic force
- material separation rail not required
- optimum sealing effect, smokeproof according to DIN 18095, sound insulation DIN 52210 residual value 45 db
- easy installation, no vulnerable mechanics
- automatic adaptation to the door leaf, hence not affected by uneven flooring
- bridging of door cracks up to 16mm

| Product code  | Description            | Model  | Length (mm) | Colour/Finish   | Packaging unit |
|---------------|------------------------|--------|-------------|-----------------|----------------|
| AMMFS1860EV1  | Standard floor profile | MFS 1  | 860         | silver anodized | 1              |
| AMMFS1985EV1  | Standard floor profile | MFS 1  | 985         | silver anodized | 1              |
| AMMFS10860EV1 | Standard floor profile | MFS 10 | 860         | silver anodized | 1              |
| AMMFS10985EV1 | Standard floor profile | MFS 10 | 985         | silver anodized | 1              |
| AMMFS2860EV1  | Standard floor profile | MFS 2  | 860         | silver anodized | 1              |
| AMMFS2985EV1  | Standard floor profile | MFS 2  | 985         | silver anodized | 1              |
| AMMFS20860EV1 | Standard floor profile | MFS 20 | 860         | silver anodized | 1              |
| AMMFS20985EV1 | Standard floor profile | MFS 20 | 985         | silver anodized | 1              |

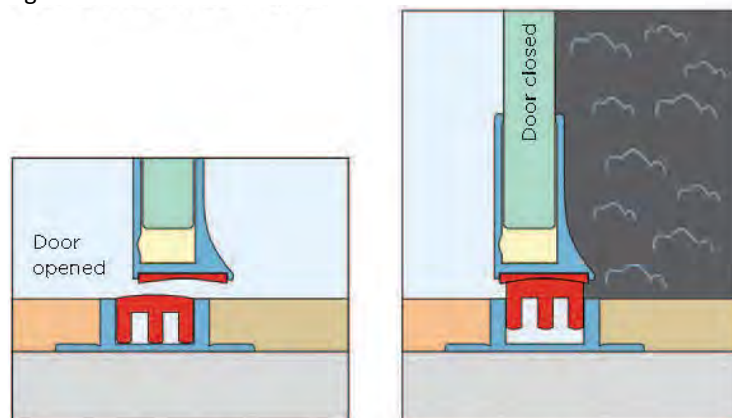
Note: Larger sizes available on request. Magnets sold separately.

### Alumat Glass Door Add-on Profile

#### Product information

Magnetic door seal for glass doors.

100% sealing of the common door crack - anywhere where escape routes must remain smoke-free and rooms need much light.

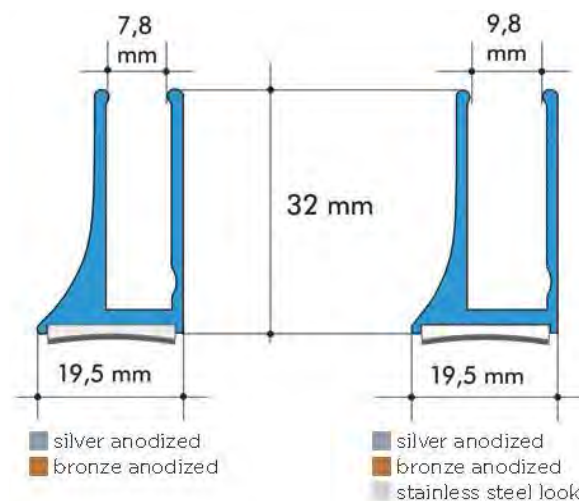


Magnet stays down, the pass is absolutely barrier-free

Magnet goes up and provides perfect sealing

Model GT 8

Model GT 10



For glass doors / Glass distance to the ALUMAT floor profile starting from approx. 7mm

#### Product features

- 20 year warranty on the magnetic force
- material separation rail not required
- optimum sealing effect, smokeproof according to DIN 18095, sound insulation DIN 52210 residual value 45 db

#### Product features

- easy installation, no vulnerable mechanics
- automatic adaptation to the door leaf, hence not affected by uneven flooring
- bridging of door cracks up to 16mm

**COLD STOP**  
stops draft air

**NOISE STOP**  
reduces sound

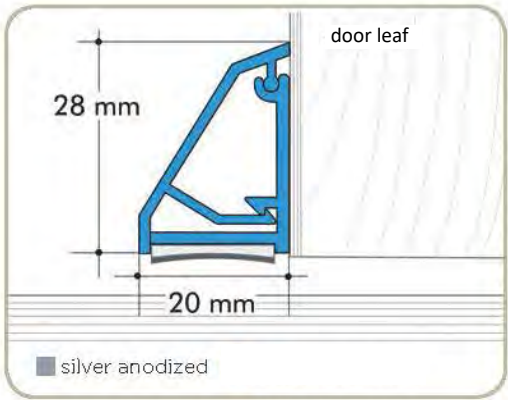
**SMOKE STOP**  
keeps escape routes free

| Product code | Description            | Model | Length (mm) | Colour/Finish   | Packaging unit |
|--------------|------------------------|-------|-------------|-----------------|----------------|
| AMGT8834EV1  | Special add-on profile | GT 8  | 834         | silver anodized | 1              |
| AMGT8959EV1  | Special add-on profile | GT 8  | 959         | silver anodized | 1              |
| AMGT10834EV1 | Special add-on profile | GT 10 | 934         | silver anodized | 1              |
| AMGT10959EV1 | Special add-on profile | GT 10 | 959         | silver anodized | 1              |
| AMGT10834SS  | Special add-on profile | GT 10 | 834         | stainless steel | 1              |
| AMGT10959SS  | Special add-on profile | GT 10 | 959         | stainless steel | 1              |

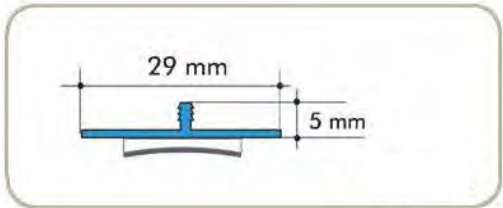
Note: Larger sizes available on request. Magnets sold separately.

### Alumat Magnets & Accessory Parts

**Product information**  
Magnetic door seals and profiles for glass doors.



MHT - Magnetic carrier profile for aluminium doors. Upper magnet sold separately.



OMT - Aluminium magnetic carrier profile (only required for stemmed frame doors)

17mm wide



Upper magnet - available in thicknesses of 2mm and 3mm

15mm wide



Lower magnet - available 6mm high

15mm wide

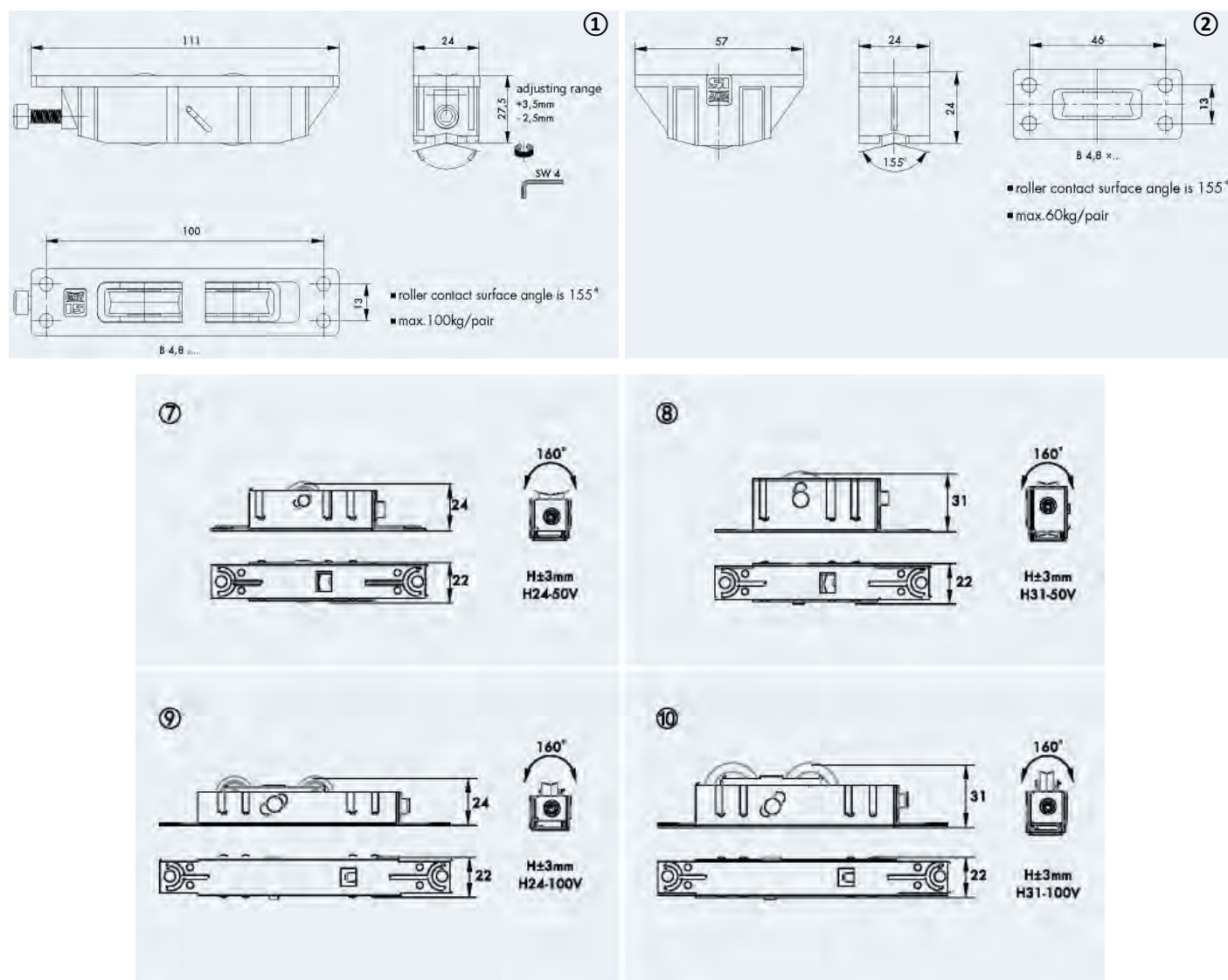


Lower magnet - available 9mm high, with 2 feet for exterior doors, and 3 feet for interior doors

| Product code | Description                       | Colour/Finish   | Packaging unit (lineal metre) |
|--------------|-----------------------------------|-----------------|-------------------------------|
| AMMHTEV1     | Magnet carrier profile            | silver anodized | 1                             |
| AMOMT        | Aluminium magnet carrier profile  | silver anodized | 1                             |
| AMUMAG2      | Upper magnet - 2mm thick          | black           | 1                             |
| AMUMAG3      | Upper magnet - 3mm thick          | black           | 1                             |
| AMLMAG6      | Lower magnet - 6mm high           | black           | 1                             |
| AMLMAG92     | Lower magnet - 9mm height, 2 feet | black           | 1                             |
| AMLMAG93     | Lower magnet - 9mm height, 3 feet | black           | 1                             |

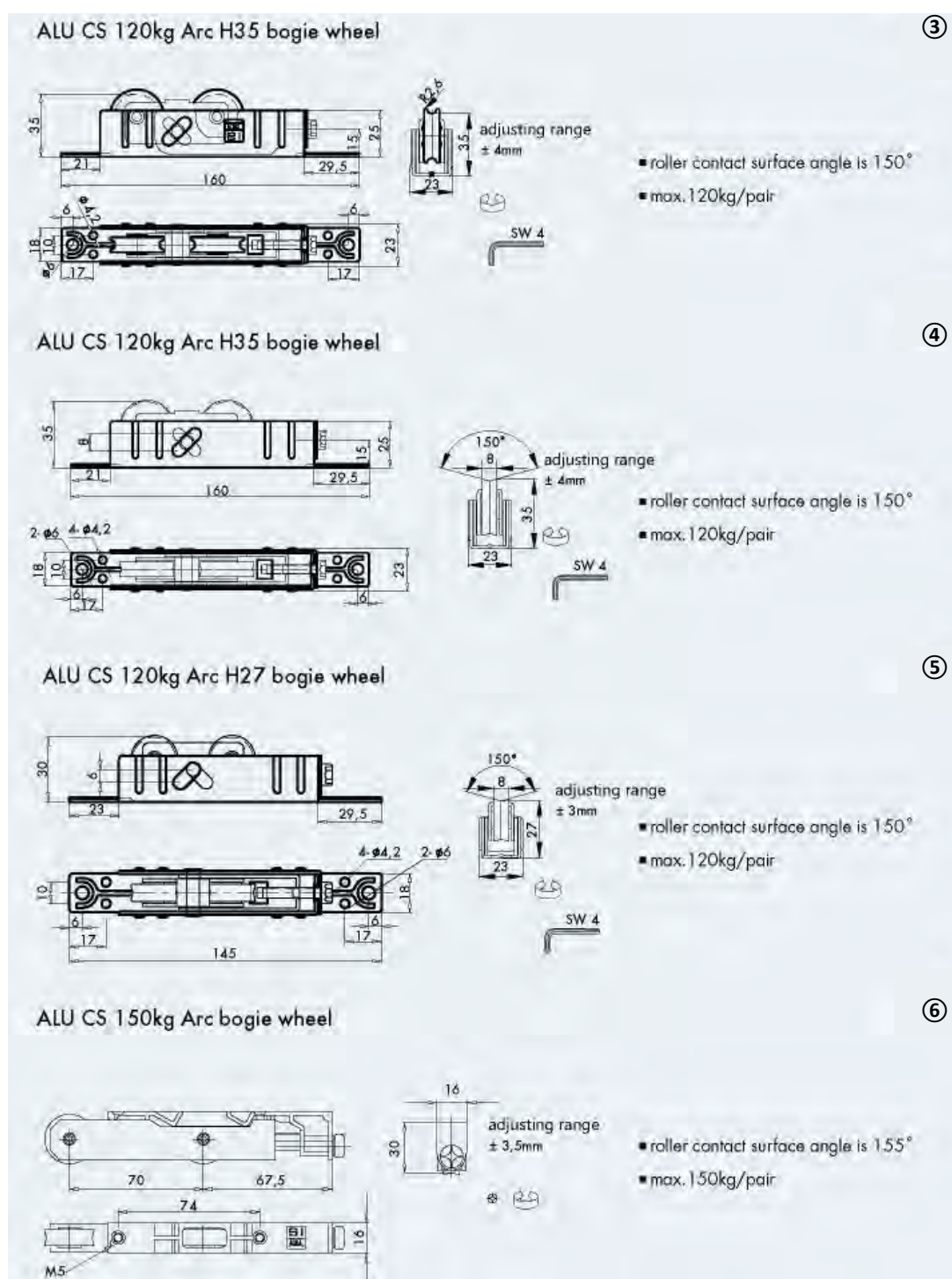


## ALU CS Bogies - 50-100 kg



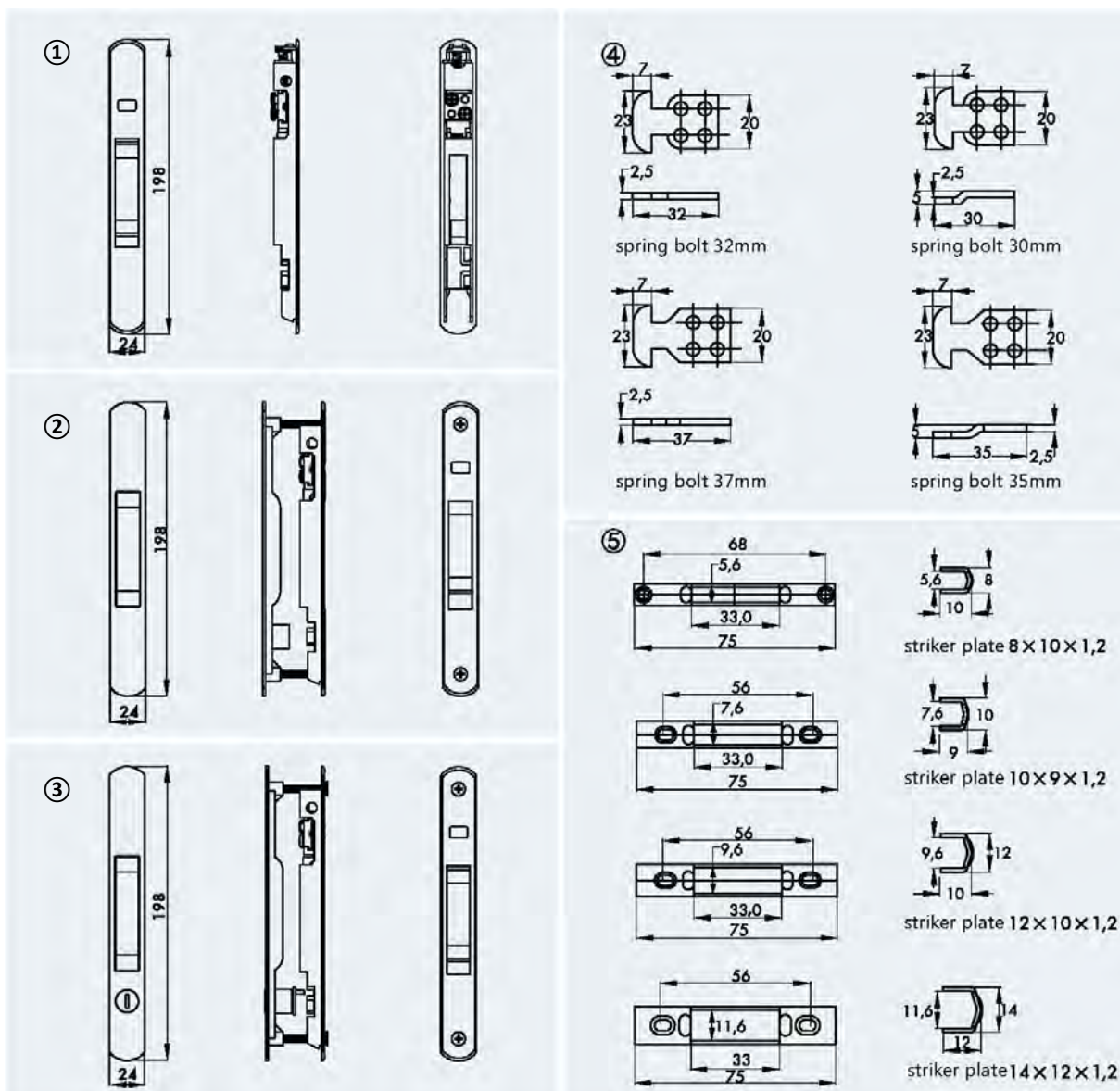
| Product code    | Description               | Reference | Max. weight bearing (kg) | Packaging unit |
|-----------------|---------------------------|-----------|--------------------------|----------------|
| PLWM0010-099010 | ALU-CS 100 roller - black | 1         | 100                      | 1              |
| PLWD0140-099150 | ALU-CS 60 roller - black  | 2         | 60                       | 1              |
| PCLM8000-100070 | ALU-CS V roller 24        | 7         | 50                       | 1              |
| PCLM8010-100060 | ALU-CS V roller 31        | 8         | 50                       | 1              |
| PCLM8020-100060 | ALU-CS V roller 24        | 9         | 100                      | 1              |
| PCLM8030-100060 | ALU-CS V roller 31        | 10        | 100                      | 1              |

## ALU CS Bogies - 120-150 kg



| Product code    | Description          | Reference | Max. weight bearing (kg) | Packaging unit |
|-----------------|----------------------|-----------|--------------------------|----------------|
| NLWD0040-100020 | ALU-CS roller arc 35 | 3         | 120                      | 1              |
| NLWD0020-100020 | ALU-CS V roller 35   | 4         | 120                      | 1              |
| NLWD0030-100020 | ALU-CS V roller 27   | 5         | 120                      | 1              |
| NLWD0010-100020 | ALU-CS V roller 30   | 6         | 150                      | 1              |

## CS Sliding Recessed Locking



## CS Sliding Recessed Locking - continued

| Product code    | Description                      | Reference | Colour | Packaging unit |
|-----------------|----------------------------------|-----------|--------|----------------|
| PCIM8000-0K7050 | Single hook lock ALU CS          | 1         | silver | 1              |
| PCIM8000-004050 | Single hook lock ALU CS          | 1         | white  | 1              |
| PCIM8000-023050 | Single hook lock ALU CS          | 1         | black  | 1              |
| PCIM8010-0K7050 | Double hook lock ALU CS          | 2         | silver | 1              |
| PCIM8010-004050 | Double hook lock ALU CS          | 2         | white  | 1              |
| PCIM8010-023050 | Double hook lock ALU CS          | 2         | black  | 1              |
| PCIM8020-0K7050 | Double lockable hook lock ALU CS | 3         | silver | 1              |
| PCIM8020-004050 | Double lockable hook lock ALU CS | 3         | white  | 1              |
| PCIM8020-023050 | Double lockable hook lock ALU CS | 3         | black  | 1              |
| PCZM8000-000080 | Spring bolt 32mm                 | 4         | -      | 1              |
| PCZM8020-000080 | Spring bolt 30mm                 | 4         | -      | 1              |
| PCZM8010-000080 | Spring bolt 37mm                 | 4         | -      | 1              |
| PCZM8030-000080 | Spring bolt 35mm                 | 4         | -      | 1              |
| PCRM8020-100070 | Striker plate U8* 10             | 5         | -      | 1              |
| PCRM8030-100070 | Striker plate U10* 9             | 5         | -      | 1              |
| PCRM8000-100070 | Striker plate U12* 10            | 5         | -      | 1              |
| PCRM8010-100070 | Striker plate U14* 12            | 5         | -      | 1              |

## Siegenia CS Sliding Recessed Locking

### Product information

Locking hook for aluminium windows and doors.

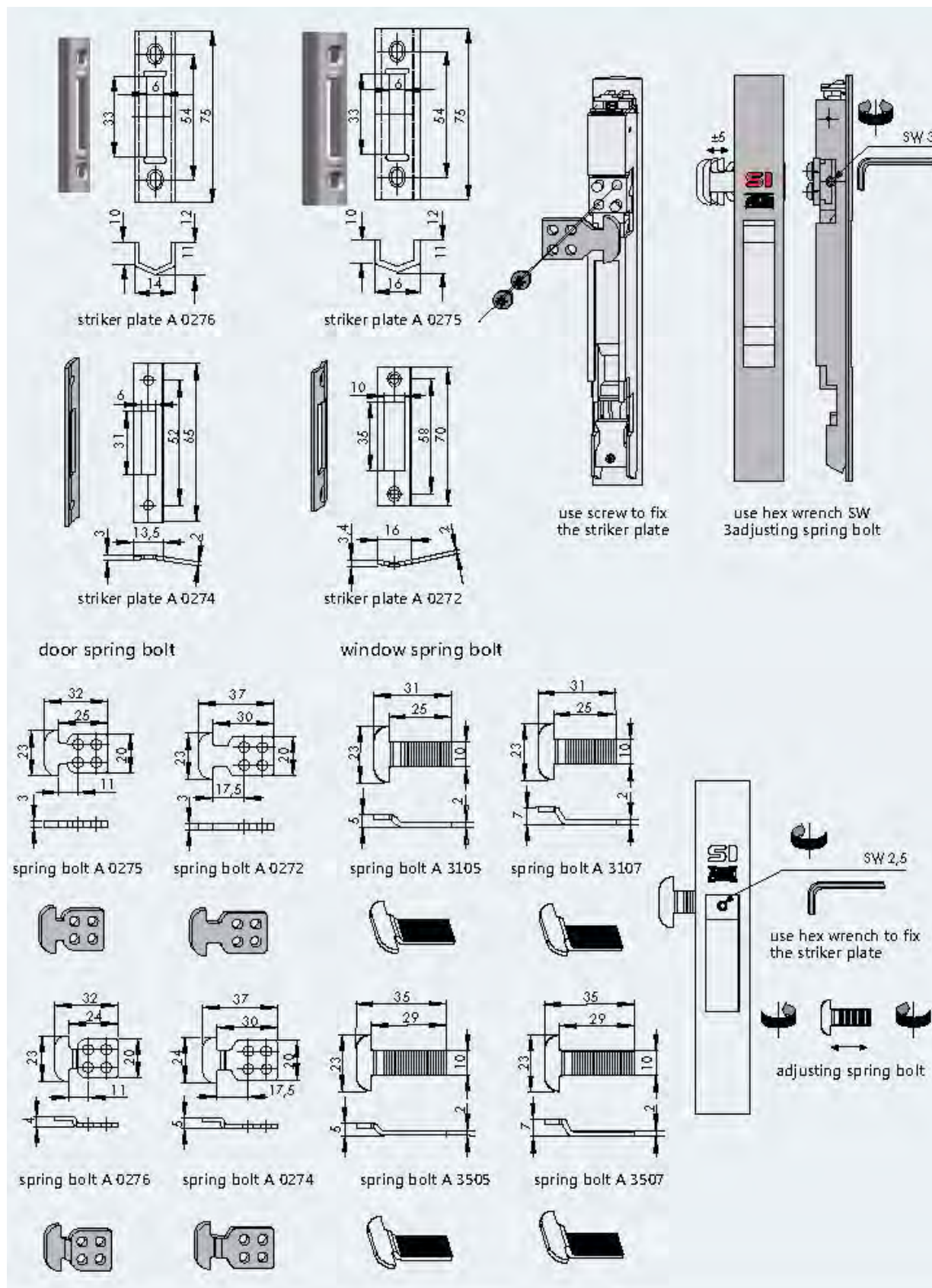


| Product code      | Description                       | Reference | Colour     | Packaging unit |
|-------------------|-----------------------------------|-----------|------------|----------------|
| NHIM0030-OK7520   | Recessed handle CS-LM door        | 1         | silver     | 1              |
| NHIM0030-004020   | Recessed handle CS-LM door        | 1         | 9016 white | 1              |
| NHIM0030-023020   | Recessed handle CS-LM door        | 1         | 9005 black | 1              |
| NHIM0010-OK7010   | Recessed handle CS-LM window      | 1a        | silver     | 1              |
| NHIM0010-004010   | Recessed handle CS-LM window      | 1a        | 9016 white | 1              |
| NHIM0010-023010   | Recessed handle CS-LM window      | 1a        | 9005 black | 1              |
| NHIM0040-OK7020   | Recessed handle CS-ALU M-P window | 1b        | silver     | 1              |
| NHIM0040-004020   | Recessed handle CS-ALU M-P window | 1b        | 9016 white | 1              |
| NHIM0040-023020   | Recessed handle CS-ALU M-P window | 1b        | 9005 black | 1              |
| Profile dependent | Screw                             | 2         | -          | 2              |
| Profile dependent | CS door bolt                      | 3         | -          | 1              |
| Profile dependent | CS window bolt                    | 3a        | -          | 1              |
| Profile dependent | CS striker                        | 4         | -          | 1              |

Note: For profile dependent parts please refer to bolt and striker catalogue page.



Siegenia CS Sliding Recessed Locking - continued

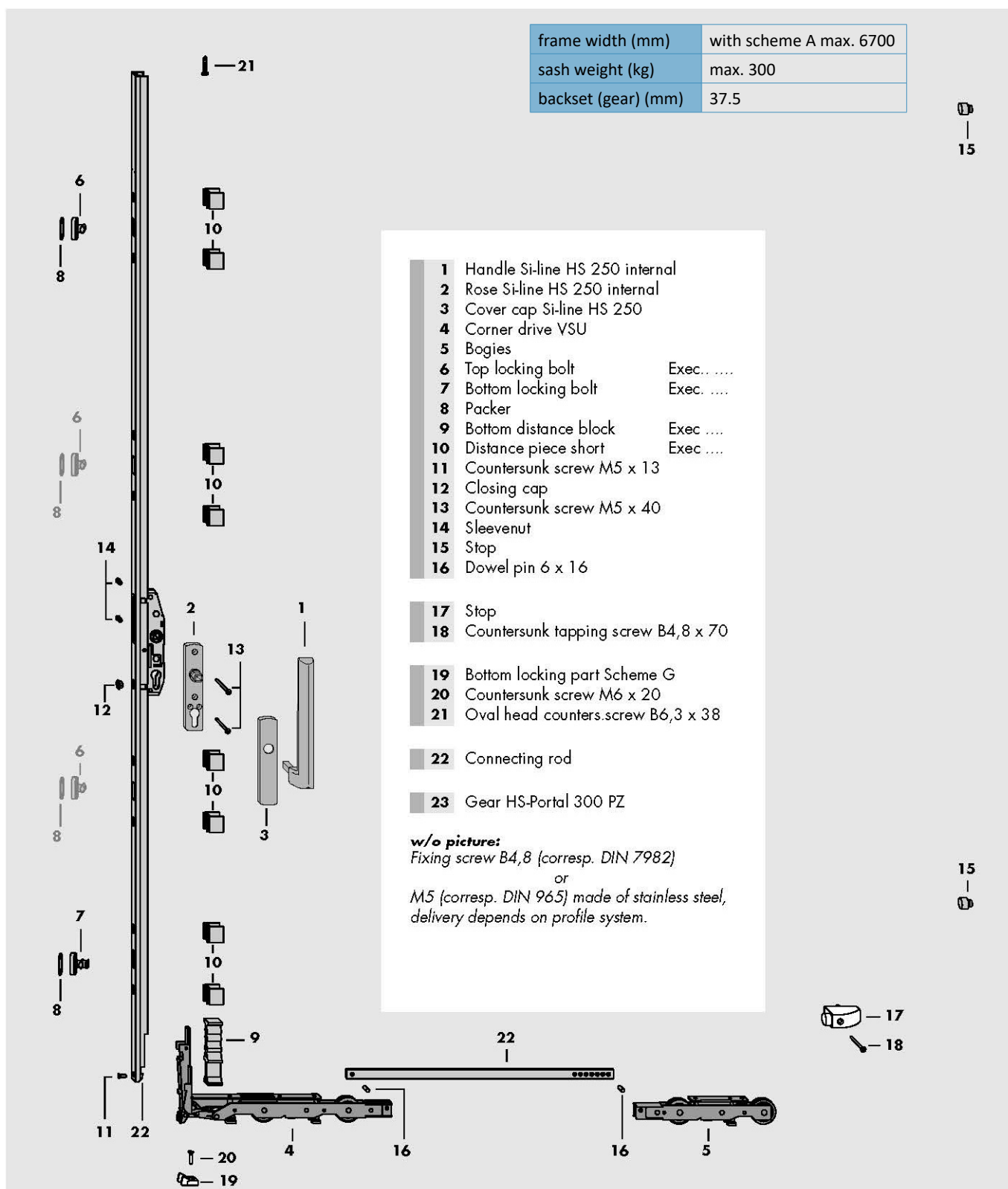




## HS Lift & Slide 300 LM

### Product information

Secure due to 4 locking points on the drive gear, fixed wheels allow simple and easy assembly, smooth operation even on heavier sashes, and with integrated night vent.



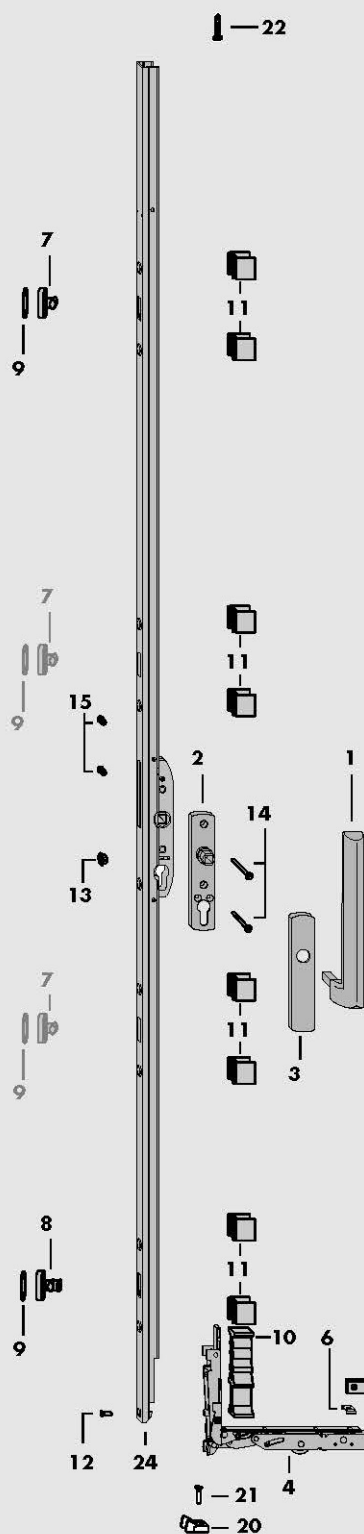
## HS Lift & Slide 200 LM

### Product information

Secure due to 4 locking points on the drive gear, fixed wheels allow simple and easy assembly, smooth operation, and with integrated night vent.

|                     |                         |
|---------------------|-------------------------|
| frame width (mm)    | with scheme A max. 5000 |
| sash weight (kg)    | max. 200                |
| backset (gear) (mm) | 27.5                    |

16



- 1 Handle Si-line HS 250 internal
- 2 Rose Si-line HS 250 internal
- 3 Cover cap Si-line HS 250
- 4 Corner drive HS 200
- 5 Bogies HS 200
- 6 Centre piece
- 7 Top locking bolt Exec. ....
- 8 Bottom locking bolt Exec. ....
- 9 Packer
- 10 Bottom distance block Exec. ....
- 11 Distance piece short Exec. ....
- 12 Countersunk screw M5 x 13
- 13 Closing cap
- 14 Countersunk screw M5 x 40
- 15 Sleeve nut
- 16 Stop
- 17 Dowel pin 6 x 16
- 18 Stop
- 19 Countersunk tapping screw B4,8 x 70
- 20 Bottom locking part Scheme G
- 21 Countersunk screw M6 x 20
- 22 Oval head counterscrew B6,3 x 38
- 23 Connecting rod
- 24 Gear HS Portal 200 PZ

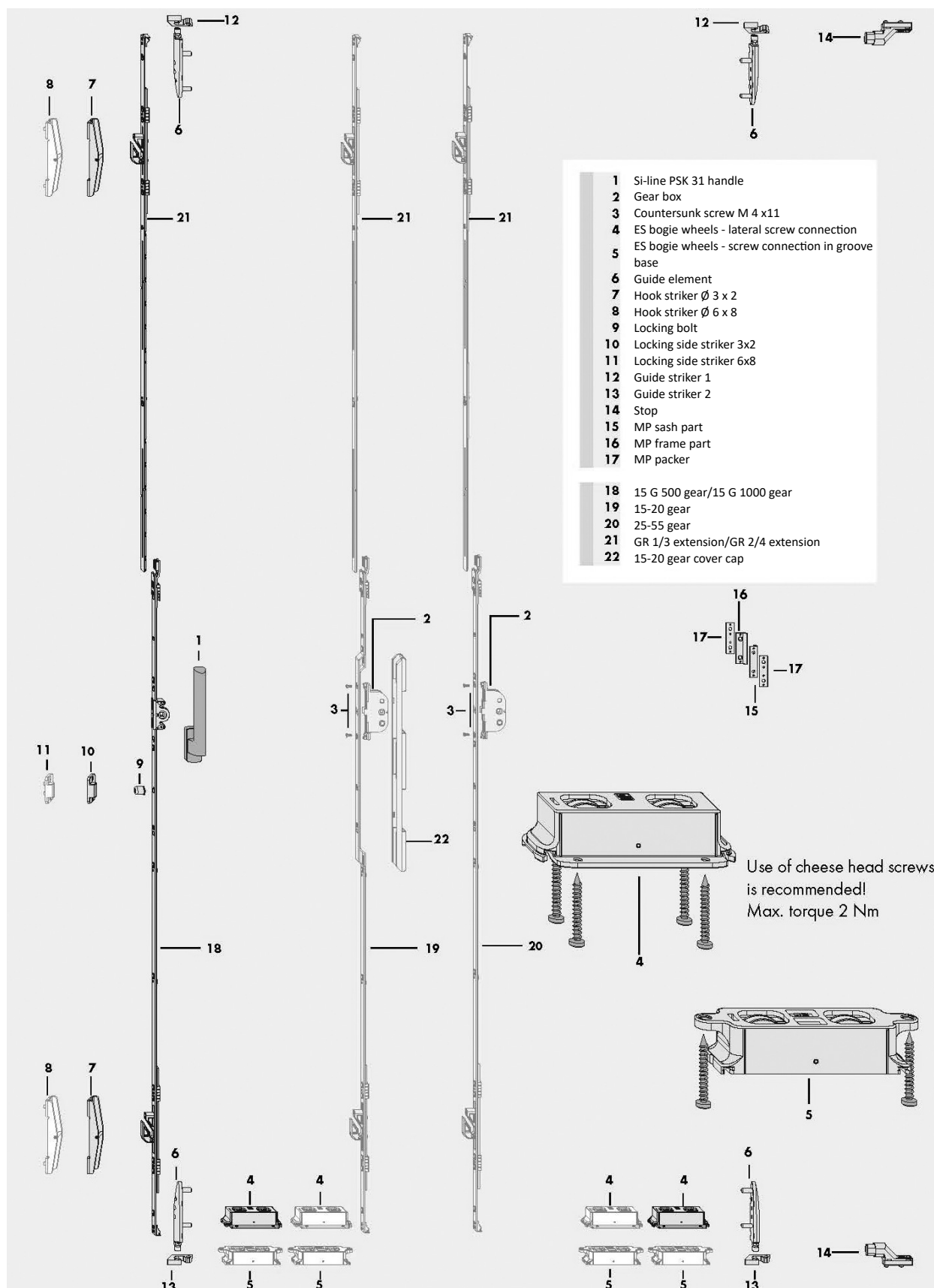
w/o picture:  
Fixing screw B4,8 (corresp. DIN 7982)  
or  
M5 (corresp. DIN 965) made of stainless steel,  
are included in delivery



## Siegenia Portal Eco Slide

### Product information

Up to 250kg sash weights, maximum sash size 2500mm high x 2500mm wide.



## Portal Eco Slide - continued

|                          | Item | Pcs.              | Description                                                                                                    | Material number                                                                                                                                 |
|--------------------------|------|-------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| General requirements     | 1    | 1                 | SI-line PSK 31 handle                                                                                          | See Handle Selection table below                                                                                                                |
|                          |      |                   | <div> <div> Gear Set 25 30 35 40 45 50 consisting of 55 </div> <div> Badset 25 30 35 40 45 50 55 </div> </div> | TMSL0250-100050 <sup>1)</sup><br>TMSL0300-100050<br>TMSL0350-100050<br>TMSL0400-100050<br>TMSL0450-100050<br>TMSL0500-100050<br>TMSL0550-100050 |
|                          | 2    | 1                 | Gear box                                                                                                       |                                                                                                                                                 |
|                          | 3    | 2                 | Countersunk screw M 4x11                                                                                       |                                                                                                                                                 |
|                          | 4    |                   | ES bogie wheels - lateral screw connection                                                                     | for elements with hardware recess at bottom                                                                                                     |
|                          | 5    | 2/4 <sup>2)</sup> | ES bogie wheels - screw connection in groove base                                                              | for elements with fitting groove at bottom                                                                                                      |
|                          | 6    | 4                 | Guide element                                                                                                  | PFEN0010-100050                                                                                                                                 |
|                          | 7    |                   | Hook striker Ø 3 x 2                                                                                           | PRHN0010-100050                                                                                                                                 |
|                          | 8    |                   | Hook striker Ø 6 x 8                                                                                           | PRHN0020-100050                                                                                                                                 |
|                          | 9    | 1                 | Locking bolt                                                                                                   | PVBN0010-023050                                                                                                                                 |
|                          | 10   |                   | Locking side striker 3x2                                                                                       | PSTN0010-023050                                                                                                                                 |
|                          | 11   |                   | Locking side striker 6x8                                                                                       | PSTN0020-023050                                                                                                                                 |
|                          | 12   | 2                 | Guide striker 1                                                                                                | PRFN0010-100050                                                                                                                                 |
|                          | 13   | 2                 | Guide striker 2                                                                                                | PRFN0020-100050                                                                                                                                 |
|                          | 14   | 2                 | Stop                                                                                                           | PABN0010-100050                                                                                                                                 |
|                          | 15   | 1                 | MP sash part                                                                                                   | PFMN0010-100050                                                                                                                                 |
|                          | 16   | 1                 | MP frame part                                                                                                  | PRMN0010-100050                                                                                                                                 |
|                          | 17   | 2                 | MP packer                                                                                                      | PUZN0010-023050                                                                                                                                 |
| depending on sash height | 18   |                   | 15 G 500 gear 15 G 1000 gear                                                                                   | Size 120-200 170-250                                                                                                                            |
|                          | 19   |                   | 15-20 gear                                                                                                     | Handle height (mm) 500 1000                                                                                                                     |
|                          | 20   |                   | 25-55 gear                                                                                                     | Sash height (mm) 1200 to 2000 1700 to 2500                                                                                                      |
|                          |      |                   | GR 1/3 extension                                                                                               | with 15 G 500 gear 1200 to 1400 1600 to 1800                                                                                                    |
|                          |      |                   |                                                                                                                | with 15 G 1000 gear 1700 to 1900 2100 to 2300                                                                                                   |
|                          | 21   |                   | GR 2/4 extension                                                                                               | with 15 G 500 gear 1400 to 1600 1800 to 2000                                                                                                    |
|                          |      |                   |                                                                                                                | with 15 G 1000 gear 1900 to 2100 2300 to 2500                                                                                                   |
|                          | 22   |                   | 15-20 gear cover cap                                                                                           | RAL 9005 jet black PGZN0150-100040                                                                                                              |

- 1) Material number xxxxxxxx-xxxx50 = packing unit: 50 pcs.
- 2) 2 pcs. for sliding sashes up to 150 kg, 4 pcs. for sliding sashes up to 250 kg max.
- 3) Material number xxxxxxxx-xxxx40 = packing unit: 25 pcs.

## Portal Eco Slide - continued

### Handle Selection

| Item    | Pcs. | Description                                                                                                                 | Colour                      | Material number    |                      |
|---------|------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------|----------------------|
|         |      |                                                                                                                             |                             | Packing unit 1 pc. | Packing unit 10 pcs. |
| 1       | 1    | <b>Si-line PSK 31 handle</b><br>Square spindle length 31.0 mm                                                               | RAL 9001 cremewhite         | 877425             | 264065               |
|         | 1    |                                                                                                                             | RAL 9003 signal white       | 858264             | 247853               |
|         | 1    |                                                                                                                             | RAL 8022 black brown        | 895634             | 306772               |
|         | 1    |                                                                                                                             | EV 1 silver                 | 872086             | 259030               |
|         | 1    |                                                                                                                             | EV 2 champagne              | 858257             | 247846               |
| No fig. | 1    | <b>Si-line PSK ABS 31 handle</b> <i>for internally locking elements</i><br><i>Lockable</i><br>Square spindle length 31.0 mm | C 33 middle bronze          | 858288             | 247877               |
|         | 1    |                                                                                                                             | F 9 aluminium-steel colours | PHIJ0010SH4010     | PHIJ0010SH4020       |
|         | 1    |                                                                                                                             | RAL 9001 cremewhite         | PHIJ0020-501010    | PHIJ0020-501020      |
|         | 1    |                                                                                                                             | RAL 9003 signal white       | 858318             | 247907               |
|         | 1    |                                                                                                                             | RAL 8022 black brown        | 895641             | 306789               |
| 1       | 1    | <b>Si-line PSK 45 handle</b><br>Square spindle length 45.0 mm                                                               | EV 1 silver                 | 872093             | 259047               |
|         | 1    |                                                                                                                             | C 33 middle bronze          | 858332             | 247921               |
|         | 1    |                                                                                                                             | RAL 9003 signal white       | PHIJ0040502010     | PHIJ0040502020       |
|         | 1    |                                                                                                                             | RAL 8022 black brown        | PHIJ0040512010     | PHIJ0040512020       |
|         | 1    |                                                                                                                             | EV 1 silver                 | PHIJ0040524010     | PHIJ0040524020       |
| No fig. | 1    | <b>Si-line PSK ABS 45 handle</b> <i>for internally locking elements</i><br><i>Lockable</i><br>Square spindle length 45.0 mm | C 33 middle bronze          | PHIJ0040530010     | PHIJ0040530020       |
|         | 1    |                                                                                                                             | RAL 9003 signal white       | PHIJ0050502010     | PHIJ0050502020       |
|         | 1    |                                                                                                                             | RAL 8022 black brown        | PHIJ0050512010     | PHIJ0050512020       |
|         | 1    |                                                                                                                             | EV 1 silver                 | PHIJ0050524010     | PHIJ0050524020       |
|         | 1    |                                                                                                                             | C 33 middle bronze          | PHIJ0050530010     | PHIJ0050530020       |



## Comunello Smart Chain Drive

### Product information

Motorised chain drives for awning and tilt windows.



| Product code  | Description                 | Push/Pull force | Colour | Packaging unit |
|---------------|-----------------------------|-----------------|--------|----------------|
| MSMART20H0B00 | Motorised Smart chain drive | 200N/250N       | black  | 1              |
| MSMART20H0W00 | Motorised Smart chain drive | 200N/250N       | white  | 1              |

|                        | SMART            |                  |
|------------------------|------------------|------------------|
| Model                  | MSMART20H0***    | MSMART20L0***    |
| Power supply VAC       | 230 VCA          | 24 VDC           |
| Frequency              | 50 Hz            | 50 Hz            |
| Operation              | S2 4 min         | S2 4 min         |
| Push strength          | 200 N            | 200 N            |
| Pull strength          | 250 N            | 250 N            |
| Stroke speed unloaded  | 16 mm/s          | 16 mm/s          |
| Protection class       | IP20             | IP20             |
| Double insulation AC   | yes              | yes              |
| Motor voltage VAC      | 0.14 A           | 0.9 A            |
| Loaded power           | 22 W             | 22 W             |
| Operating temperature  | -5° / +50 °C     | -5° / +50 °C     |
| Strokes                | 180 - 380        | 180 - 380        |
| Strokes setting        | with dip-switch  | with dip-switch  |
| Soft Start / Soft Stop | yes / yes        | yes / yes        |
| Obstacle detection     | yes              | yes              |
| Cabling included       | 0.5 m            | 0.5 m            |
| Dimensions             | 265 x 79 x 41 mm | 265 x 79 x 41 mm |

## Comunello Chain Drive

### Product information

Motorised chain drives for awning and tilt windows.



| Product code  | Description                                 | Push/Pull force | Colour | Packaging unit |
|---------------|---------------------------------------------|-----------------|--------|----------------|
| ML25S138H0B00 | Motorised chain drive                       | 250N            | black  | 1              |
| ML25S138H0W00 | Motorised chain drive                       | 250N            | white  | 1              |
| ML35R140H0B00 | Motorised chain drive - remote controllable | 350N            | black  | 1              |
| ML35R140H0W00 | Motorised chain drive - remote controllable | 350N            | white  | 1              |
| MXOOAT01      | 1 channel remote control                    | -               | white  | 1              |
| MXOOAT06      | 6 channel remote control                    | -               | white  | 1              |

|                         | Liwin                                                 | Liwin 2W-Net<br>Liwin 3W-Net<br>Liwin 4W-Net | Liwin R       | Liwin 2W-Net R<br>Liwin 3W-Net R<br>Liwin 4W-Net R |
|-------------------------|-------------------------------------------------------|----------------------------------------------|---------------|----------------------------------------------------|
| Model L35 230Vac        | ML35S140Hy00*                                         | ML35Sx40Hy00**                               | ML35R140Hy00* | ML35Rx40Hy00**                                     |
| Model L35 24Vdc         | ML35S140Ly00*                                         | ML35Sx40Ly00**                               | -             | -                                                  |
| Model L25 230Vac        | ML25S138Hy00*                                         | -                                            | -             | -                                                  |
| Power supply ac voltage | 230 Vac                                               | 230 Vac                                      | 230 Vac       | 230 Vac                                            |
| Power supply dc voltage | 24 Vdc                                                | 24 Vdc                                       | -             | -                                                  |
| Frequency of ac voltage | 50 Hz                                                 | 50 Hz                                        | 50 Hz         | 50 Hz                                              |
| Operation               | S2 4 min                                              |                                              |               |                                                    |
| Push/Pull strength L35  | 350 N                                                 | 350 N                                        | 350 N         | 350 N                                              |
| Push/Pull strength L25  | 250 N                                                 | -                                            | -             | -                                                  |
| Stroke speed unloaded   | 18 mm/s                                               |                                              |               |                                                    |
| Protection class        | IP44                                                  |                                              |               |                                                    |
| Double insulation ac    | yes                                                   |                                              |               |                                                    |
| Double insulation dc    | low voltage                                           |                                              |               |                                                    |
| Motor voltage V ac L35  | 0.19 A                                                | 0.19 A                                       | 0.19 A        | 0.19 A                                             |
| Motor voltage V ac L25  | 0.14 A                                                | -                                            | -             | -                                                  |
| Motor voltage V dc      | 1 A                                                   | 1 A                                          | -             | -                                                  |
| Power L35               | 28 W                                                  | 28 W                                         | 28 W          | 28 W                                               |
| Power L25               | 22 W                                                  | -                                            | -             | -                                                  |
| Operating temperature   | -5/ +50 °C                                            |                                              |               |                                                    |
| Strokes L35             | 50 - 100 - 150 - 200 - 250 - 300 - 350 - 400 - 420 mm |                                              |               |                                                    |
| Strokes L25             | 200 - 250 - 380 mm                                    |                                              |               |                                                    |
| Closed limit switch     | on impact                                             |                                              |               |                                                    |
| Soft Start / Soft Stop  | yes / yes                                             | yes / yes                                    | yes / yes     | yes / yes                                          |
| Obstacle detection      | yes                                                   | yes                                          | yes           | yes                                                |
| Connection in parallel  | yes (max 30 actuators)                                |                                              |               |                                                    |
| Synchronisation         | no                                                    | yes                                          | no            | yes                                                |
| Dimensions              | 390 x 38 x 73 mm                                      |                                              |               |                                                    |

## STG BEIKIRCH LM Chain Drive

### Product information

230 V Motorised chain drives for bottom hung, top hung and flat windows.



| Product code | Description        | Push/Pull force | Colour | Packaging unit |
|--------------|--------------------|-----------------|--------|----------------|
| 2108943      | LM 200 chain drive | 200             | silver | 1              |
| 2109024      | LM 300 chain drive | 200             | silver | 1              |

|                             |                                                                                                |
|-----------------------------|------------------------------------------------------------------------------------------------|
| technical voltage           | 230 / 240 V AC / 50 Hz                                                                         |
| technical draw              | approx. 0.15 amp at 200 N load                                                                 |
| cut-off                     | Cut-off „closed”: integrated electronic power cut-off<br>Cut-off „open”: built-in limit switch |
| pressing force              | LM/120-300: 200 NM                                                                             |
| tractive force              | max. 200 N                                                                                     |
| nominal clamping force      | 4000 N                                                                                         |
| stroke width                | LM/200 = 217 mm<br>LM/300 = 309 mm                                                             |
| dimensions                  | LM/120-350: 360.5 x 30 x 40.8 mm<br>LM/400-500: 442 x 30 x 40.8 mm                             |
| speed of operation          | approx. 8 mm/sec. at rating load and nominal load                                              |
| power supply cable          | 4 x 0.75 mm <sup>2</sup> ; length approx. 3 m; colour black or white                           |
| start-up time               | 60 sec. (ED/ON), 120 sec. (AD/OFF)                                                             |
| range of temperature        | -10°C to +50°C                                                                                 |
| IP protection class         | IP 40 according to DIN EN 60 529                                                               |
| housing                     | zinc diecasting                                                                                |
| colour                      | powder-coated, white (RAL 9016) or silver grey (RAL 9006)                                      |
| type of construction tested | TÜV, Registration No. 44 780 08 362 662-007                                                    |

## NUKI 2.0 & Accessories

### Product information

Smart lock enables locking and unlocking from a smartphone with easy installation (no screws or drilling) and can be integrated into existing smart home systems. Manage up to 200 access permissions. Accessories including keypad (access by entering a six-digit code), bridge (connects Smart Lock to WI-FI, allowing online management and remote control) and fob (control of the Smart Lock with a push of a button) also available.



| Product code | Description                          | Dimensions (mm) | Packaging unit |
|--------------|--------------------------------------|-----------------|----------------|
| 220113       | NUKI Smart Lock 2.0                  | 110 x 60 x 62   | 1              |
| 100405       | NUKI fob                             | 55 x 24 x 6     | 1              |
| 220284       | NUKI keypad                          | 90 x 30 x 15    | 1              |
| 220443       | NUKI bridge                          | 60 x 60 x 50    | 1              |
| 220472       | NUKI Combo - Smart Lock 2.0 & bridge | 110 x 60 x 62   | 1              |

## KFV AS2600 Genius Multi-point Lock

### Product information

Automated hook and pin lock with RC2 security as standard, internal and external operation via access control systems, manual key override.



| Product code | Description                       | Faceplate (mm) | Gear height (mm) | Backset (mm) | PZ distance (mm) | Spindle (mm) | Packaging unit |
|--------------|-----------------------------------|----------------|------------------|--------------|------------------|--------------|----------------|
| 3457316      | Genius automated lock             | 2170           | 16               | 35           | 92               | 8            | 1              |
| 3454564      | Genius automated lock             | 2170           | 16               | 55           | 92               | 8            | 1              |
| 3496920      | Genius transition cable           | n/a            | n/a              | n/a          | n/a              | n/a          | 1              |
| 3381675      | Magnet                            | n/a            | n/a              | n/a          | n/a              | n/a          | 1              |
| 3470513      | Standard power supply             | n/a            | n/a              | n/a          | n/a              | n/a          | 1              |
| 3498972      | Concealed power supply (optional) | n/a            | n/a              | n/a          | n/a              | n/a          | 1              |

*Note: Access control systems available on request*



## KFV Genius Access Control System - Keypad

## Product information

Encrypted AES 128bit data transmission, available for door leaf integration or external installation, connection with one cable directly to Genius type A or B as well a A-opener.



| Product code | Description                   | No of Bluetooth devices | No of keypad code users | Packaging unit |
|--------------|-------------------------------|-------------------------|-------------------------|----------------|
| 3493375      | Keypad with Bluetooth control | up to 6                 | up to 18                | 1              |

## KFV Genius Access Control System - Fingerprint Scanner

## Product information

Fingerprint scanner available for door leaf integration or external installation.



| Product code | Description         | Capacity              | Packaging unit |
|--------------|---------------------|-----------------------|----------------|
| 3501219      | Fingerprint scanner | up to 90 memory slots | 1              |



## KFV Genius Remote Switch System

## Product information

GSM switch module alarm can be activated via SMS in case of unauthorised opening of the door, or GSM switch module.



| Product code | Description              | Capacity               | Packaging unit |
|--------------|--------------------------|------------------------|----------------|
| 3502042      | GSM remote switch system | up to 50 phone numbers | 1              |

## KFV Genius Internal Push Button

## Product information

Push button is used to open the door via the internal release from multi-point locks with the 'comfort' option.



| Product code | Description                        | Material             | Packaging unit |
|--------------|------------------------------------|----------------------|----------------|
| 3413891      | Internal push button with 1m cable | matt stainless steel | 1              |



## Siegenia HS Lift & Slide Automation



As a design element for living concepts where aesthetics matter, the fully automatic DRIVE axxent HSA smart lift-slide drive makes a real impression when it comes to ease of use: At just the press of a button, it automatically opens and closes lift-slide doors with a sash weight of up to 400 kg. With a concealed design, the lift drive ensures reliable locking and unlocking of extremely large windows and, along with the high quality button, creates a highly attractive look. The sash can be opened or closed either by this button, or conveniently from a smartphone via the SIEGENIA Comfort app.

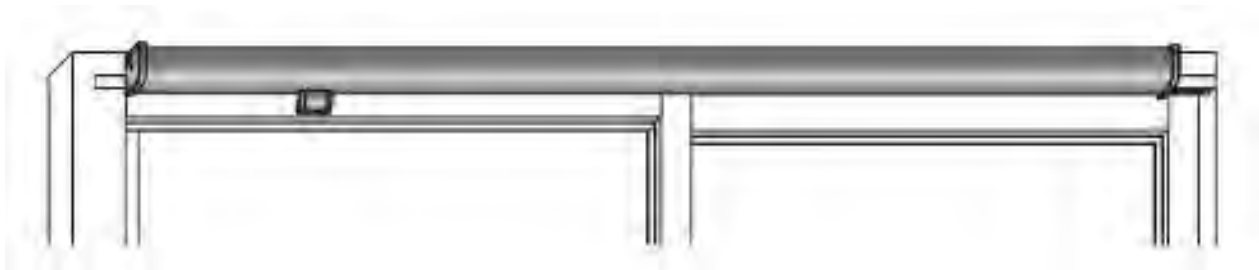
### Benefits for fabricators:

- Suitable for a sash weight up to 400 kg
- Automatic programming, night vent secured with locking bolts, programmable opening width, timer facility
- Rapid installation: Drive pre-installed and plug & play system ready for connection

### Benefits for users:

- Modern, unobtrusive design thanks to concealed lift drive
- Can be operated via button on the sash, smartphone and tablet (SIEGENIA Comfort app)
- High level of operating safety due to status LED
- Motorised night vent, freely adjustable timer function in the app from 1-59 minutes
- Option of a limited opening width
- Smooth start and stop motion
- Electronic anti-trap protection feature conforming to relevant standards
- Manual emergency operation

## Siegenia MSA400 Smart Slide Automation



### Application:

The MSA400 smart is a motorised slide drive for installation on sash profiles and upper frame profiles.

- Suitable for max. sash weight of approx. 400 kg incl. glass pane (max. 250 kg per sash for scheme E)
- Scheme A inside frame width (RIB): 1,775 mm – 6,666 mm with symmetrical split (installation on asymmetrical elements on request)
- Space required at top of frame approx. 45 mm. The slide drive can be moved downwards (dependent on profile)

### Function:

- The MSA400 smart allows you to open and close sliding door elements with ease at the touch of a button.

### Unit properties:

- Movement of sliding door elements (soft start and stop)
- Jam protection via current limiter, “deadman control” is not required
- Wheelchair-accessible design and operation in accordance with DIN 18025 and DIN 18030 possible (flat threshold required)
- No restriction on entrance height
- For universal use, regardless of hardware manufacturer
- Plug-and-play principle: unpack – screw on – automatic teach-in – ready for operation
- Simple manual emergency operation in the event of a power failure
- Integrated 24 V power supplies: plug-and-play ready for retrofitting
- High level of functional reliability: tested with 400 kg for more than 25,000 switching cycles
- Available in a natural (unpainted) finish so your own coating can be applied – paint finish in all RAL and NCS colours subject to additional charge
- Internationally valid CB certified
- Force limit in accordance with DIN 60335-2-103
- Can be operated with the SIEGENIA Comfort app\* as standard
- Optional infrared remote control
- Optional design to meet additional safety requirements, pre-equipped for a light curtain
- The fitting of an additional locking motor (not included in the scope of delivery) enables automatic locking/release and movement of sliding door elements (soft start and stop)



## Daytime Release

### Product information

For retrofitting or for standard use with KfV frame parts; the main lock latch is released using mechanical locking mechanism, and has a locking slider for easy switching.



| Product code | Description          | Latch plate size (mm) | Packaging unit |
|--------------|----------------------|-----------------------|----------------|
| 3493188      | Daytime release 115A | >24                   | 1              |
| 3493198      | Daytime release 115B | <24                   | 1              |

## VITA EM 180 Electromagnetic Lock

### Product information

Locking device consisting of an electromagnet that contacts an armature plate to lock when energized. Works in conjunction with Request to Exit device or emergency egress button.



| Product code | Description                          | Length (mm) | Width (mm) | Capacity (kg) | Reed Output | Packaging unit |
|--------------|--------------------------------------|-------------|------------|---------------|-------------|----------------|
| EM-180R      | Electromagnetic lock - rebate mount  | 201.6       | 34.4       | 180           | yes         | 1              |
| EM-180HR     | Electromagnetic lock - surface mount | 166         | 34.4       | 180           | yes         | 1              |

## VITA EM 300 Electromagnetic Lock

## Product information

Locking device consisting of an electromagnet that contacts an armature plate to lock when energized. Works in conjunction with Request to Exit device or emergency egress button.



| Product code | Description                          | Length (mm) | Width (mm) | Capacity (kg) | Reed Output | Packaging unit |
|--------------|--------------------------------------|-------------|------------|---------------|-------------|----------------|
| EM-300R      | Electromagnetic lock - rebate mount  | 228         | 39         | 300           | yes         | 1              |
| EM-300HR     | Electromagnetic lock - surface mount | 228         | 39         | 300           | yes         | 1              |

## VITA EM 500 Electromagnetic Lock

## Product information

Locking device consisting of an electromagnet that contacts an armature plate to lock when energized. Works in conjunction with Request to Exit device or emergency egress button.



| Product code | Description                          | Length (mm) | Width (mm) | Capacity (kg) | Reed Output | Packaging unit |
|--------------|--------------------------------------|-------------|------------|---------------|-------------|----------------|
| EM-500R      | Electromagnetic lock - rebate mount  | 266         | 66.5       | 500           | no          | 1              |
| EM-500HR     | Electromagnetic lock - surface mount | 266         | 66.5       | 500           | yes         | 1              |

## Full Profile Cylinder SX

### Product information

Profile double cylinder with 6 pin system. Opened by key from both sides, a solid brass body with top 6 pins made of solid brass and bottom pins of anti-drill SS304, with 3 pieces of brass keys and 1 piece of steel screw, tested to 200,000 cycles. Satin nickel finish.



| Product code | Description                                | Size (mm) | Packaging unit |
|--------------|--------------------------------------------|-----------|----------------|
| SWPZ3535A    | Cylinder key option A                      | 35/35     | 10             |
| SWPZ4040A    | Cylinder key option A                      | 40/40     | 10             |
| SWPZ4545A    | Cylinder key option A                      | 45/45     | 10             |
| SWPZ4550A    | Cylinder key option A                      | 45/50     | 10             |
| SWPZ5050A    | Cylinder key option A                      | 50/50     | 10             |
| SWPZ5555A    | Cylinder key option A                      | 55/55     | 10             |
| SWPZ3535B    | Cylinder key option B                      | 35/35     | 10             |
| SWPZ4040B    | Cylinder key option B                      | 40/40     | 10             |
| SWPZ4545B    | Cylinder key option B                      | 45/45     | 10             |
| SWPZ4550B    | Cylinder key option B                      | 45/50     | 10             |
| SWPZ5050B    | Cylinder key option B                      | 50/50     | 10             |
| SWPZ5555B    | Cylinder key option B                      | 55/55     | 10             |
| SWPZ3535C    | Cylinder key option C                      | 35/35     | 10             |
| SWPZ4040C    | Cylinder key option C                      | 40/40     | 10             |
| SWPZ4545C    | Cylinder key option C                      | 45/45     | 10             |
| SWPZ4550C    | Cylinder key option C                      | 45/50     | 10             |
| SWPZ5050C    | Cylinder key option C                      | 50/50     | 10             |
| SWPZ5555C    | Cylinder key option C                      | 55/55     | 10             |
| SWPZ4040D    | Cylinder key option D                      | 40/40     | 10             |
| SWPZ4545D    | Cylinder key option D                      | 45/45     | 10             |
| SWPZ4550D    | Cylinder key option D                      | 45/50     | 10             |
| SWPZ5050D    | Cylinder key option D                      | 50/50     | 10             |
| SWPZ5555D    | Cylinder key option D                      | 55/55     | 10             |
| SWPZ4040E    | Cylinder key option E                      | 40/40     | 10             |
| SWPZ4545E    | Cylinder key option E                      | 45/45     | 10             |
| SWPZ4550E    | Cylinder key option E                      | 45/50     | 10             |
| SWPZ5050E    | Cylinder key option E                      | 50/50     | 10             |
| SWPZ5555E    | Cylinder key option E                      | 55/55     | 10             |
| SWPZ4040F    | Cylinder key option F                      | 40/40     | 10             |
| SWPZ4545F    | Cylinder key option F                      | 45/45     | 10             |
| SWPZ4550F    | Cylinder key option F                      | 45/50     | 10             |
| SWPZ5050F    | Cylinder key option F                      | 50/50     | 10             |
| SWPZ5555F    | Cylinder key option F                      | 55/55     | 10             |
| SWKBLNK      | Key blank for PZ and knob cylinders        | n/a       | 1              |
| SWKBLNKM     | Key blank for PZ and knob cylinders milled | n/a       | 1              |

## Profile Knob Cylinder SX

### Product information

Profile knob cylinder with 6 pin system. Operate outside by key and inside by turn, a solid brass body with top 6 pins made of solid brass and bottom pins of anti-drill SS304, with 3 pieces of brass keys and 1 piece of steel screw, tested to 200,000 cycles. Satin nickel finish.



| Product code | Description                                | Size (mm) | Packaging unit |
|--------------|--------------------------------------------|-----------|----------------|
| SWKB4040A    | Knob cylinder key option A                 | 40/40     | 10             |
| SWKB4545A    | Knob cylinder key option A                 | 45/45     | 10             |
| SWKB4550A    | Knob cylinder key option A                 | 45/50     | 10             |
| SWKB5050A    | Knob cylinder key option A                 | 50/50     | 10             |
| SWKB5555A    | Knob cylinder key option A                 | 55/55     | 10             |
| SWKB4040B    | Knob cylinder key option B                 | 40/40     | 10             |
| SWKB4545B    | Knob cylinder key option B                 | 45/45     | 10             |
| SWKB4550B    | Knob cylinder key option B                 | 45/50     | 10             |
| SWKB5050B    | Knob cylinder key option B                 | 50/50     | 10             |
| SWKB5555B    | Knob cylinder key option B                 | 55/55     | 10             |
| SWKB4040C    | Knob cylinder key option C                 | 40/40     | 10             |
| SWKB4545C    | Knob cylinder key option C                 | 45/45     | 10             |
| SWKB4550C    | Knob cylinder key option C                 | 45/50     | 10             |
| SWKB5050C    | Knob cylinder key option C                 | 50/50     | 10             |
| SWKB5555C    | Knob cylinder key option C                 | 55/55     | 10             |
| SWKBLNK      | Key blank for PZ and knob cylinders        | n/a       | 1              |
| SWKBLNKM     | Key blank for PZ and knob cylinders milled | n/a       | 1              |

### Half Profile Cylinder SX

**Product information**  
 Profile half cylinder with 6 pin system. Opened outside by key, a solid brass body with top 6 pins made of solid brass and bottom pins of anti-drill SS304, with 3 pieces of brass keys and 1 piece of steel screw, tested to 200,000 cycles. Satin nickel finish.



| Product code | Description                                | Size (mm) | Packaging unit |
|--------------|--------------------------------------------|-----------|----------------|
| SWPZ40A      | Cylinder key option A                      | 40/0      | 10             |
| SWPZ45A      | Cylinder key option A                      | 45/0      | 10             |
| SWPZ50A      | Cylinder key option A                      | 50/0      | 10             |
| SWPZ40B      | Cylinder key option B                      | 40/0      | 10             |
| SWPZ45B      | Cylinder key option B                      | 45/0      | 10             |
| SWPZ50B      | Cylinder key option B                      | 50/0      | 10             |
| SWPZ40C      | Cylinder key option C                      | 40/0      | 10             |
| SWPZ45C      | Cylinder key option C                      | 45/0      | 10             |
| SWPZ50C      | Cylinder key option C                      | 50/0      | 10             |
| SWKBLNK      | Key blank for PZ and knob cylinders        | n/a       | 1              |
| SWKBLNKM     | Key blank for PZ and knob cylinders milled | n/a       | 1              |

## Winkhaus Euro Cylinder

### Product information

5 pin Euro cylinder



| Product code | Description            | Size (mm) | Packaging unit |
|--------------|------------------------|-----------|----------------|
| WHEC3535     | Winkhaus Euro Cylinder | 35/35     | 10             |
| WHEC4040     | Winkhaus Euro Cylinder | 40/40     | 10             |
| WHEC4055     | Winkhaus Euro Cylinder | 40/55     | 10             |
| WHEC4060     | Winkhaus Euro Cylinder | 40/60     | 10             |
| WHEC4070     | Winkhaus Euro Cylinder | 40/70     | 10             |
| WHEC4545     | Winkhaus Euro Cylinder | 45/45     | 10             |
| WHEC4550     | Winkhaus Euro Cylinder | 45/50     | 10             |
| WHEC50       | Winkhaus Euro Cylinder | 50/0      | 10             |
| WHEC5050     | Winkhaus Euro Cylinder | 50/50     | 10             |
| WHEC5555     | Winkhaus Euro Cylinder | 55/55     | 10             |
| WHEC5560     | Winkhaus Euro Cylinder | 55/60     | 10             |
| WHECKEY      | Winkhaus Key Blank     | -         | 1              |

\* Other sizes also available through special order



## Full WC Knob Cylinder SX

### Product information

WC knob cylinder can be opened in an emergency from the outside. Operate outside by tool and inside by turn, a solid brass body with 1 piece of steel screw and satin nickel finish, tested to 200,000 cycles.



25mm  
escutcheon



35mm  
escutcheon

| Product code | Description                   | Size (mm) | Packaging unit |
|--------------|-------------------------------|-----------|----------------|
| SWWC3232     | Bathroom knob cylinder w/slot | 32.5/32.5 | 10             |
| SWWC3535     | Bathroom knob cylinder w/slot | 35/35     | 10             |
| SWWC25ESC    | Cylinder escutcheon           | 25        | 1              |
| SWWC35ESC    | Cylinder escutcheon           | 35        | 1              |

## Blind Profile Cylinder

### Product information

The profile double cylinders are made of nickel-plated brass and are used as blind cylinders for fittings with PZ perforation. Suitable for fire and smoke protection doors, and supplied without key.

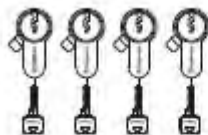


| Product code | Description             | Size (mm) | Packaging unit |
|--------------|-------------------------|-----------|----------------|
| 0000421748   | Blind cylinder variable | 47-120    | 1              |

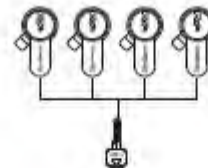
## Custom Profile Cylinder Systems

### Product information

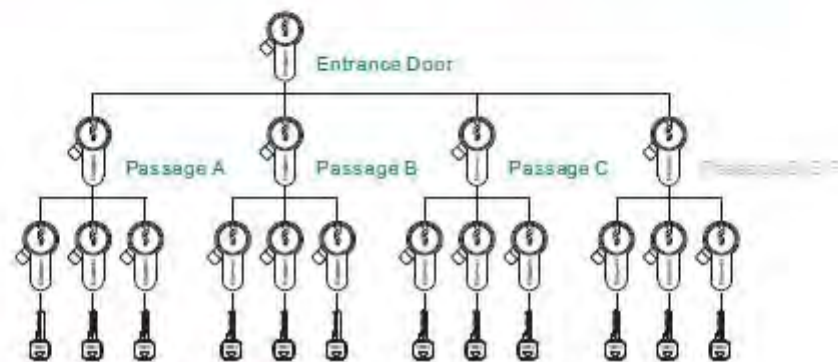
Special order profile cylinders available for a wide range of projects including Grand Master key, Master Key and Apartment Entrance style systems.



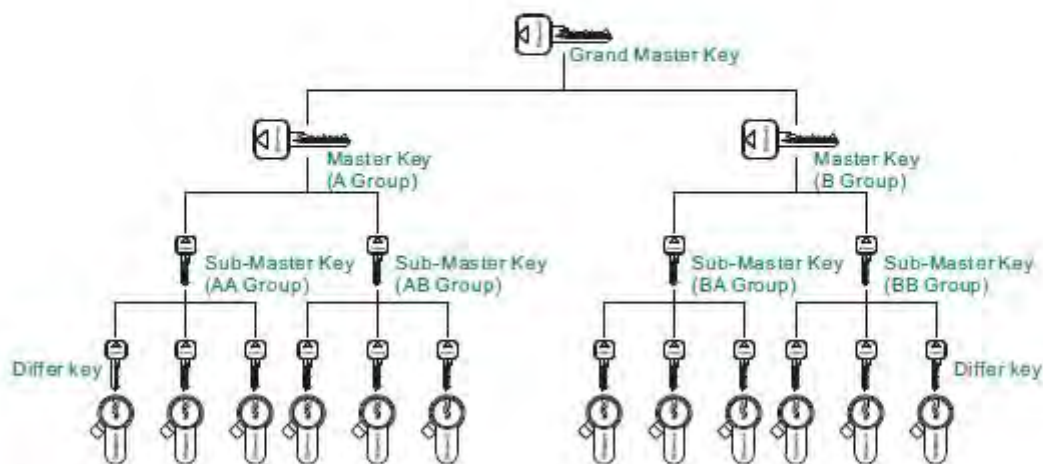
**KD=Keyed to differ**  
Each cylinder is opened by its own key



**KA=Keyed alike**  
All cylinders opened by the same key



**CK=Common Key System**  
Each key opens its own cylinder and the passage door and the common door. The common cylinder is usually for the main entrance door.



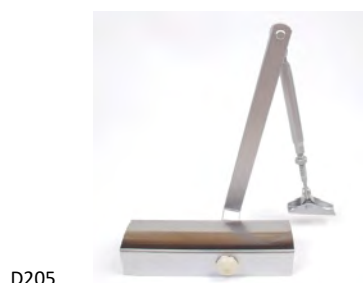
**Grand Master Key System**  
Cylinder opened by their own key, their respective sub-master key, their respective master key and the grand master key

*Note: Please contact Siegware for further information and ordering.*

## Door Closer & Stainless Steel Cover

### Product information

Strong spring to guarantee powerful closing, with side rocker for easy installation. An aluminium alloy body and two coatings for protection. Two speed controls - closing speed and latching speed.



D205



D205B

| Product code | Description             | Weight (kg) | Door width (mm) | Packaging unit |
|--------------|-------------------------|-------------|-----------------|----------------|
| D205         | Door closer - V arm     | 30 - 65     | 500 - 1200      | 1              |
| D205B        | Door closer - slide arm | 30 - 65     | 500 - 1200      | 1              |

## Door Closer & Aluminium Cover

### Product information

Strong spring to guarantee powerful closing, with side rocker for easy installation. An aluminium alloy body and two coatings for protection. Two speed controls - closing speed and latching speed.



D206



D206B

| Product code | Description             | Weight (kg) | Door width (mm) | Packaging unit |
|--------------|-------------------------|-------------|-----------------|----------------|
| D206         | Door closer - V arm     | up to 120   | 500 - 1200      | 1              |
| D206B        | Door closer - slide arm | up to 85    | 500 - 1200      | 1              |

## Concealed Door Closer

## Product information

Strong spring to guarantee powerful closing, with side rocker for easy installation. An aluminium alloy body and two coatings for protection. Two speed controls - closing speed and latching speed.



D401-R



D401-S

| Product code | Description             | Weight (kg) | Door width (mm) | Packaging unit |
|--------------|-------------------------|-------------|-----------------|----------------|
| D401-R       | Door closer - concealed | 30 - 65     | 500 - 1200      | 1              |
| D401-S       | Door closer - concealed | 30 - 65     | 500 - 1200      | 1              |

## Siegenia AEROMAT mini

### Product information

Window rebate ventilator with optional turn lock.



As an energy-saving passive ventilator, the AEROMAT mini offers big benefits for the smallest room: its fresh air supply with flow control ensures a comfortable living environment. The AEROMAT mini can be easily installed in timber, uPVC and aluminium windows so that it is almost invisible.

### AEROMAT mini product features:

- Controlled, steady fresh air supply with closed windows
- Passive ventilation
- Mould prevention and humidity control in accordance with DIN 1946-6
- Concealed in window rebate and easy to upgrade
- Self-regulating volumetric flow limiter stops draughts

### Installation features:

- Fast and easy integration into production processes
- Narrow design for flexible installation and very small sash sizes
- Horizontal installation at the top and on the hinge side with standard screws



| Product code    | Description              | Colour | Packaging unit |
|-----------------|--------------------------|--------|----------------|
| L4210100-004040 | Window rebate ventilator | white  | 25             |

## Siegenia AEROMAT midi

### Product information

Passive ventilator with double locking mechanism.



AEROMAT midi has intelligent design with a double locking mechanism, volumetric flow limiter and the insect screen which is integrated into the weather grille.

### AEROMAT midi product features:

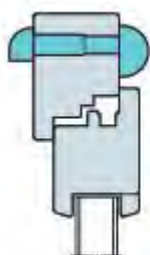
- Intelligent design with double locking mechanism
- Volumetric flow limiter
- Insect screen integrated into weather grille
- Concealed fixing screws ensure attractive appearance
- Fan can be dismantled without tools to allow for easy cleaning

### Installation features:

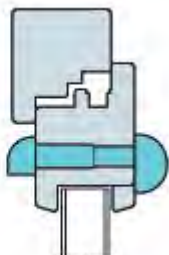
- Use with or without channel
- The small size of the weather grille permits use with a wide range of roller shutters
- Sound insulating elements possible internally and externally

### Variants of the AEROMAT midi with or without air duct:

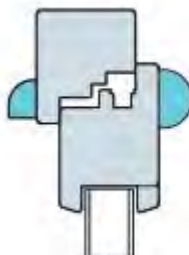
- Without sound absorption module
- With sound absorption module inside
- With sound absorption module outside
- With sound absorption module inside and outside



Installation in frame



Installation in sash



Installation in frame and sash



Installation in attachment profile

| Product code    | Description                 | Colour | Packaging unit |
|-----------------|-----------------------------|--------|----------------|
| L4210220-004122 | AEROMAT midi fit groove set | white  | 5              |
| L4210240-004122 | AEROMAT midi profile set    | white  | 5              |



## Siegenia AEROMAT mini HY

### Product information

Window ventilator with humidity control.



AEROMAT midi HY passive window ventilator ensures demand-based minimum ventilation with minimal effort and controls ventilation based on the humidity. The compact window ventilator’s air supply is achieved by equalising pressure between the indoor and outdoor air (pressure differential principle).

### AEROMAT midi HY product features:

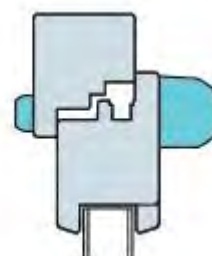
- Passive window ventilator with humidity control for demand-based minimum ventilation
- Air intake regulation based on the relative humidity as per DIN 1946-6
- Modern and discreet look due to its rounded shape and narrow weather grille
- Optional version with sound insulation module for sound insulation up to 42 dB
- Optionally available in the special colours grey, brown and black
- Easy to clean ventilator

### Installation features:

- Easy integration into production processes
- For horizontal installation in timber, uPVC or aluminium windows
- Suitable for renovations and new build



AEROMAT midi HY 42 dB, with additional sound insulation module



Installation in frame and sash

| Product code    | Description       | Colour | Packaging unit |
|-----------------|-------------------|--------|----------------|
| L4210320-004121 | Window ventilator | white  | 5              |

### Cotswold Auto Latch Restrictor

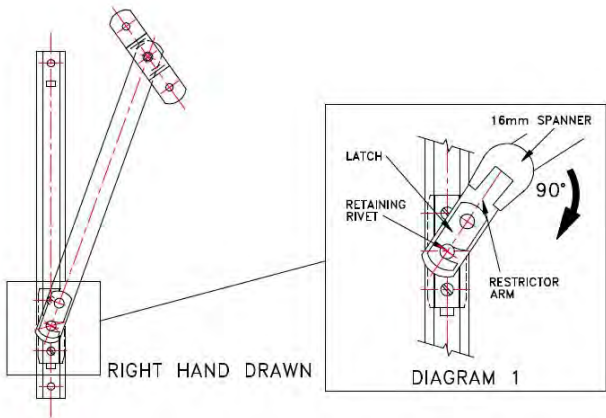
**Product information**  
Restricts window opening position, 11.5mm striker pin supplied.



| Product code | Description                     | Handing | Packaging unit |
|--------------|---------------------------------|---------|----------------|
| AL100LH      | Auto latch restrictor & striker | left    | 50             |
| AL100RH      | Auto latch restrictor & striker | right   | 50             |

### Cotswold Friction Arm with Latch

**Product information**  
Latched arm for external access or cleaning.



| Product code | Description             | Handing | Size (inch) | Stack height (mm) | Packaging unit |
|--------------|-------------------------|---------|-------------|-------------------|----------------|
| FA1013LLH    | Friction arm with latch | left    | 10"         | 13                | 50             |
| FA1013LRH    | Friction arm with latch | right   | 10"         | 13                | 50             |

## Cotswold Friction Arm

## Product information

Fixed arm for permanent restriction.

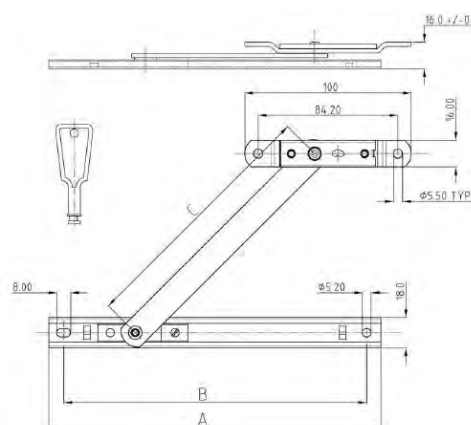


| Product code | Description  | Size (inch) | Stack height (mm) | Packaging unit |
|--------------|--------------|-------------|-------------------|----------------|
| FA0613       | Friction arm | 6"          | 13                | 100            |
| FA1013       | Friction arm | 10"         | 13                | 100            |

## Cotswold SDR Security Friction Arm

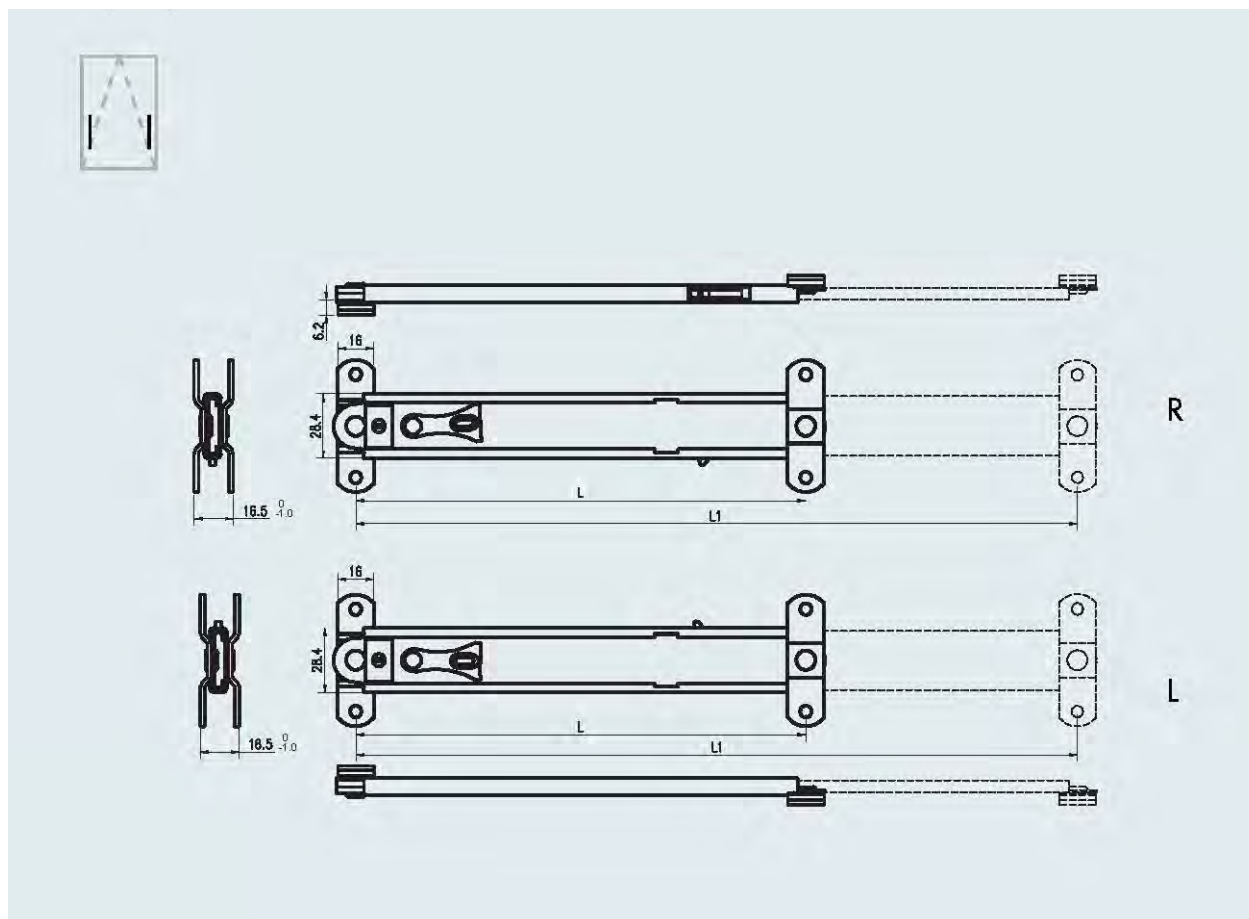
## Product information

Arm with key removal for external access or cleaning.



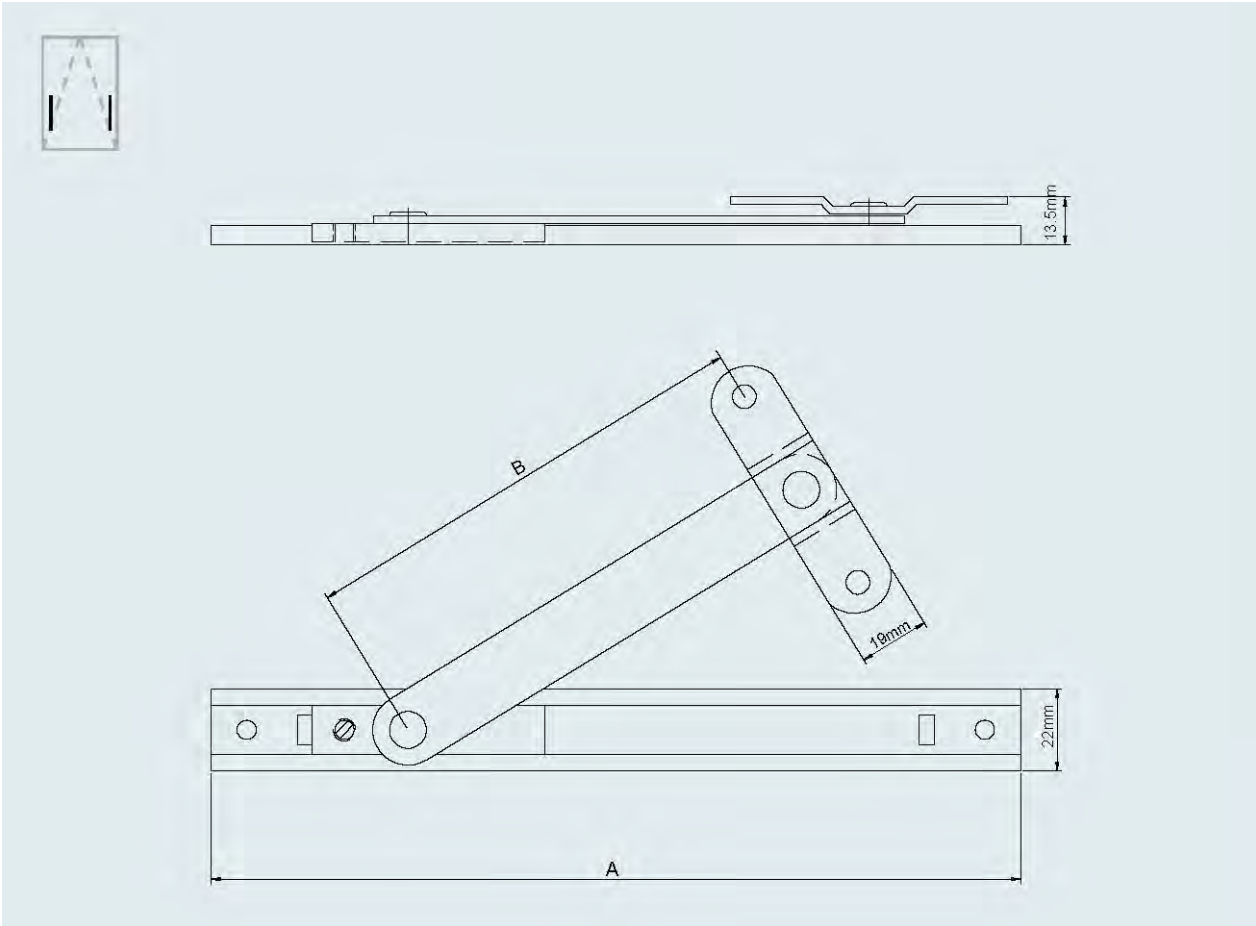
| Product code | Description           | Size (inch) | Stack height (mm) | Packaging unit |
|--------------|-----------------------|-------------|-------------------|----------------|
| SDR0613      | Security friction arm | 6"          | 16                | 50             |
| SDR0813      | Security friction arm | 8"          | 16                | 50             |
| SDRKEY       | Friction arm key      | n/a         | n/a               | 1              |

## Siegenia Light Duty Stop Stay



| Product code    | Description | Contraction length L (mm) | Extension length L1 (mm) |
|-----------------|-------------|---------------------------|--------------------------|
| CASA8000-000050 | ES01-06"    | 154.5                     | 203.5                    |
| CASA8010-000050 | ES01-08"    | 203.5                     | 301.5                    |
| CASA8020-000050 | ES01-10"    | 254.5                     | 403.5                    |

Siegenia Heavy Duty Friction Arm

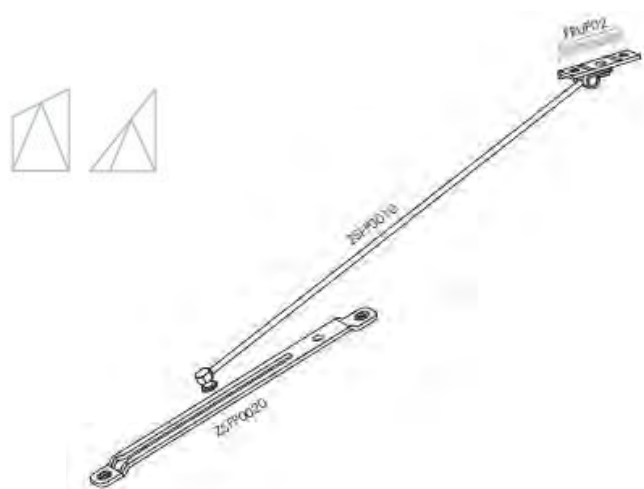


| Product code    | Description | Bottom groove length A (mm) | Connecting rod length B (mm) |
|-----------------|-------------|-----------------------------|------------------------------|
| CAHD8000-000200 | ZCB-8"      | 216                         | 123                          |
| CAHD8010-000600 | ZCB-10"     | 268                         | 177                          |
| CAHD8020-000600 | ZCB-12"     | 298                         | 207                          |
| CAHD8030-000600 | ZCB-14"     | 344                         | 249                          |

## Siegenia Security Cable & Plate

### Product information

Cable security for tilting windows.



| Product code   | Description        | Size / Travel (mm) | Packaging unit |
|----------------|--------------------|--------------------|----------------|
| ZSP0010-100010 | Security cable 300 | 300                | 10             |
| ZSP0020-100010 | Security plate 130 | 130                | 10             |

## Cockspur Fastener

### Product information

Restricts window opening position, 4 night vent positions, can be retrofitted.



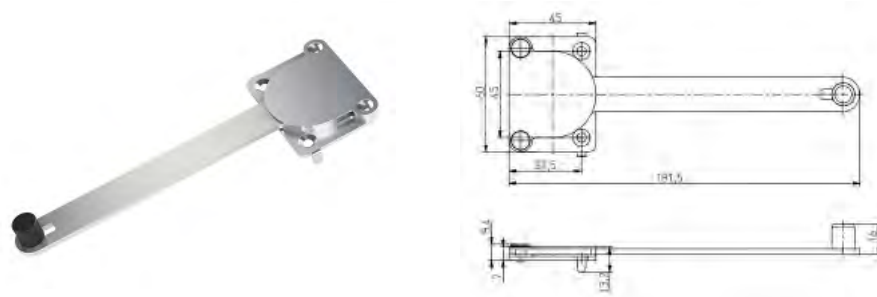
| Product code | Description       | Colour      | Packaging unit |
|--------------|-------------------|-------------|----------------|
| 214411       | Cockspur fastener | white       | 100            |
| 214428       | Cockspur fastener | dark bronze | 100            |



## Magnetic Restrictor

### Product information

Magnetic blockade for uPVC windows and balcony doors.

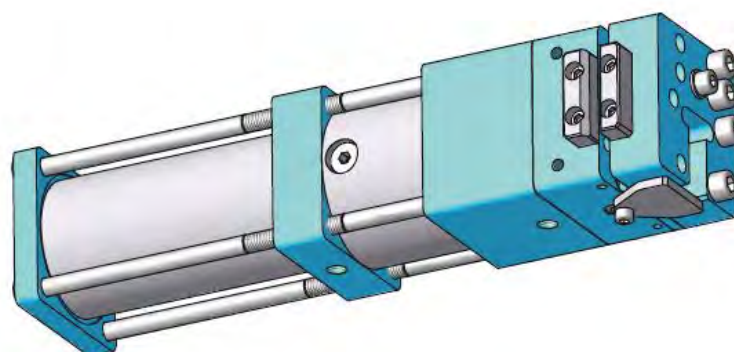


| Product code | Description         | Packaging unit |
|--------------|---------------------|----------------|
| WIN000160H   | Magnetic restrictor | 50             |

## Siegenia Hardware Cropper

### Product information

The punching machine is used to shorten fittings that can be cut to length.



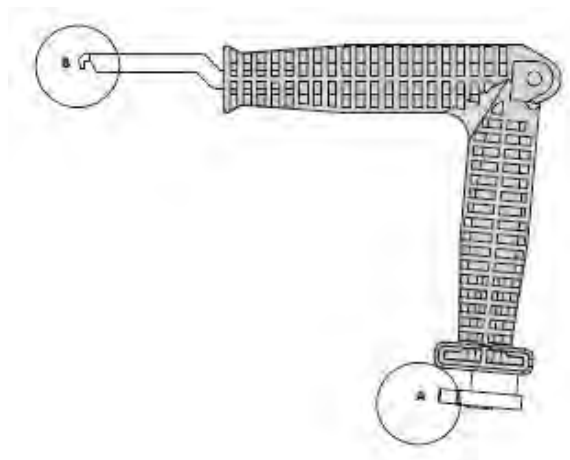
\*Note: Only hardware cropper shown

| Product code    | Description            | Side          | Packaging unit |
|-----------------|------------------------|---------------|----------------|
| ZAAV0241-000011 | Hardware cropper       | right         | 1              |
| ZAAV0242-000011 | Hardware cropper       | left          | 1              |
| ZAAV0231-000011 | Slider L AF            | right         | 1              |
| ZAAV0232-000011 | Slider L AF            | left          | 1              |
| ZAAV0151-000011 | Slide rail             | right         | 1              |
| ZAAV0152-000011 | Slide rail             | left          | 1              |
| 158487          | Base frame mill finish | right or left | 1              |

## Siegenia Window Assembly Key

### Product information

To enable easy removal of the top hinge pin and operate the window spindle.

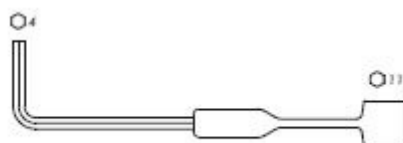


| Product code    | Description         | Packaging unit |
|-----------------|---------------------|----------------|
| ZAEW0030-023010 | Window assembly key | 1              |

## Siegenia FAVORIT Spanner Allen Key

### Product information

For adjusting roller and mushroom cam compression.



| Product code | Description       | Packaging unit |
|--------------|-------------------|----------------|
| 157756       | Spanner allen key | 1              |



blaugelb Foam Gun

Product information

Metal foam gun used for PU foam cans. The rubberized handle is ergonomically shaped and ensures a secure grip and fatigue-free working.



| Product code | Description                        | Material | Packaging unit |
|--------------|------------------------------------|----------|----------------|
| 0361772      | PU foam gun with 2 tapered nozzles | metal    | 1              |

blaugelb Flexible Foam Gun

Product information

More flexible than the standard foam gun, the flexible helper can access hard-to-reach areas.



| Product code | Description                                 | Material | Packaging unit |
|--------------|---------------------------------------------|----------|----------------|
| 0400406      | PU flexible foam gun with 2 tapered nozzles | metal    | 1              |

## Foam Gun - 800 AMP PM - Eco & Standard

### Product information

Adjustable gun for screw top PU foam cans.



Eco foam gun



Standard foam gun

| Product code     | Description            | Material | Packaging unit |
|------------------|------------------------|----------|----------------|
| 800AMPPMECO      | PU foam gun - Eco      | metal    | 1              |
| 800AMPPMSTANDARD | PU foam gun - Standard | metal    | 1              |

## Foam Gun - 800 AMP PM - Prestige & Ultra

### Product information

Adjustable gun for screw top PU foam cans.



Prestige foam gun



Ultra foam gun

| Product code     | Description            | Material | Packaging unit |
|------------------|------------------------|----------|----------------|
| 800AMPPMPRESTIGE | PU foam gun - Prestige | metal    | 1              |
| 800AMPPMULTRAM   | PU foam gun - Ultra    | metal    | 1              |

### Caulking Gun - 800 AMWM PR - Eco & Standard

**Product information**  
For standard 310ml cartridges.



Eco silicone gun



Standard silicone gun

| Product code   | Description             | Material | Packaging unit |
|----------------|-------------------------|----------|----------------|
| 800AMWMPRECO   | Silicone gun - Eco      | metal    | 1              |
| 800AMWPLRSTAND | Silicone gun - Standard | metal    | 1              |

### Caulking Gun - 800 AMW P - Prestige

**Product information**  
For standard 310ml cartridges.



| Product code     | Description             | Material | Packaging unit |
|------------------|-------------------------|----------|----------------|
| 800AMWMPPRESTIGE | Silicone gun - Prestige | metal    | 1              |



## Stroxx Driver Bits

### Product information

Bits with color ring, 3 pieces.



| Product code | Description                           | Drive   | Length (mm) | Colour | Packaging unit |
|--------------|---------------------------------------|---------|-------------|--------|----------------|
| 0009075805   | Bits with colour ring, 3 pieces - 1/4 | PH1     | 90          | yellow | 1              |
| 0009075806   | Bits with colour ring, 3 pieces - 1/4 | PH2     | 90          | yellow | 1              |
| 0009075807   | Bits with colour ring, 3 pieces - 1/4 | PH3     | 90          | yellow | 1              |
| 0009075811   | Bits with colour ring, 3 pieces - 1/4 | TX10    | 90          | blue   | 1              |
| 0009075812   | Bits with colour ring, 3 pieces - 1/4 | TX15    | 90          | blue   | 1              |
| 0009075813   | Bits with colour ring, 3 pieces - 1/4 | TX20    | 90          | blue   | 1              |
| 0009075834   | Bits with colour ring, 3 pieces - 1/4 | TX25    | 90          | blue   | 1              |
| 0009075835   | Bits with colour ring, 3 pieces - 1/4 | TX30    | 90          | blue   | 1              |
| 0009075838   | Bits with colour ring, 3 pieces - 1/4 | HEX 4mm | 70          | orange | 1              |
| 0009075840   | Bits with colour ring, 3 pieces - 1/4 | HEX 5mm | 70          | orange | 1              |

## blaugelb Saber Saw Blade

### Product information

Optimized blade shape with 130mm working blade, for maximum accessibility for timber and metal. Suitable for plunge cuts and can handle a wide variety of materials; including timber with nails / metal, chipboard, hard uPVC, GRP and epoxy.



| Product code | Description                | Length (mm) | Material | Packaging unit |
|--------------|----------------------------|-------------|----------|----------------|
| 0009022628   | Saber saw blade - 5 pieces | 150         | bi-metal | 1              |

## blaugelb Jigsaw Blade - Quick Cut

### Product information

Ideal for softer timbers in the construction area, and suitable for thick timber or fiberboard. Suitable for plunge cuts, long service life.



| Product code | Description             | Length (mm) | Material | Packaging unit |
|--------------|-------------------------|-------------|----------|----------------|
| 0009022632   | Jigsaw blade - 5 pieces | 100         | steel    | 1              |
| 0009022631   | Jigsaw blade - 5 pieces | 152         | steel    | 1              |

## blaugelb Jigsaw Blade - Clean Cut

### Product information

Ideal for softer timbers in the construction area. Suitable for plunge cuts, with 72mm working length and 2.7 mm tooth pitch, long service life.



| Product code | Description             | Length (mm) | Material | Packaging unit |
|--------------|-------------------------|-------------|----------|----------------|
| 0009022633   | Jigsaw blade - 5 pieces | 100         | steel    | 1              |

## Forum Glazing Hammer

### Product information

Plastic hammer with exchangeable yellow CA inserts, galvanised cast iron middle section, and polished timber handle. For gentle hitting without damaging the workpieces.



| Product code | Description    | Size (mm) | Packaging unit |
|--------------|----------------|-----------|----------------|
| 6601011887   | Glazing hammer | 22        | 1              |
| 6601011890   | Glazing hammer | 27        | 1              |
| 6601011893   | Glazing hammer | 32        | 1              |

## greenteQ Glazing Shovel

### Product information

Used for securing of insulating glass panes in window casements, facilitates the installation of glazing blocks.



| Product code | Description    | Colour | Material | Packaging unit |
|--------------|----------------|--------|----------|----------------|
| GTGBGS01     | Glazing shovel | green  | plastic  | 1              |

## Foldable Ruler

## Product information

2m folding timber ruler



| Product code | Description    | Material | Length (m) | Packaging unit |
|--------------|----------------|----------|------------|----------------|
| 6601018405   | Foldable ruler | timber   | 2          | 1              |

## STROXX Window Installation Bag

## Product information

4 piece window installation bag containing inflatable air cushions with a capacity of 135kg. Easily align heavy objects with millimeter precision and bring them into the optimal position. Suitable for joints from 2-50mm, the pads are non-slip and the hand pump with valve enables easy operation.



| Product code | Description            | Weight (kg) | Packaging unit |
|--------------|------------------------|-------------|----------------|
| 0009035152   | Fixing pads - 4 pieces | 135         | 1              |

## STROXX Utility Knife

### Product information

Aluminium cutter knife with 18mm snap-off blade.



| Product code | Description         | Blade width (mm) | Packaging unit |
|--------------|---------------------|------------------|----------------|
| 0009052741   | Cutter knife        | 18               | 1              |
| 0000427753   | Cutter knife blades | 18               | 50             |

## Dust Pan & Brush

### Product information

Metal dustpan with long timber handle. Industrial hand brush with coconut and raw timber.



| Product code | Description        | Packaging unit |
|--------------|--------------------|----------------|
| 6601018028   | Dustpan            | 1              |
| 6601018016   | Dustpan brush 45cm | 1              |

## Fugen Meister Radius Joint Spatula Set

## Product information

Spreader for defined bevels and efficient smoothing on movement joints, connections joints and corner joints. Consists of radius of 4mm & 6mm, 8mm & 10mm, and 12mm & 14mm.



| Product code | Description                  | Packaging unit |
|--------------|------------------------------|----------------|
| 6601024133   | Spatula joint pack - 3 piece | 1              |

## Fugen Meister Angle Joint Spatula Set

## Product information

Spreader for defined bevels and efficient smoothing on movement joints, connections joints and corner joints. Consists of angles measuring 5mm & 6mm, 8mm & 10mm, and & 90°, and a radius of 3mm.



| Product code | Description                  | Packaging unit |
|--------------|------------------------------|----------------|
| 6601024136   | Spatula joint pack - 3 piece | 1              |



## greenteQ Scraper

### Product information

Angled tips and bevels for various silicone joints.



| Product code | Description     | Colour | Material | Packaging unit |
|--------------|-----------------|--------|----------|----------------|
| GTSCR01      | Silicon scraper | white  | plastic  | 1              |

## Ramsauer Rapid Cutter

### Product information

Light weight cutter designed for opening sealant cartridges and cutting nozzles.



| Product code | Description  | Packaging unit |
|--------------|--------------|----------------|
| 9400200      | Rapid cutter | 1              |

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