



BOTTOM HUNG OPEN IN WINDOWS



E11.16 CHRONO ACCESSORIES

01.06.2018



CHRONO ACCESSORIES

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1. Small windows

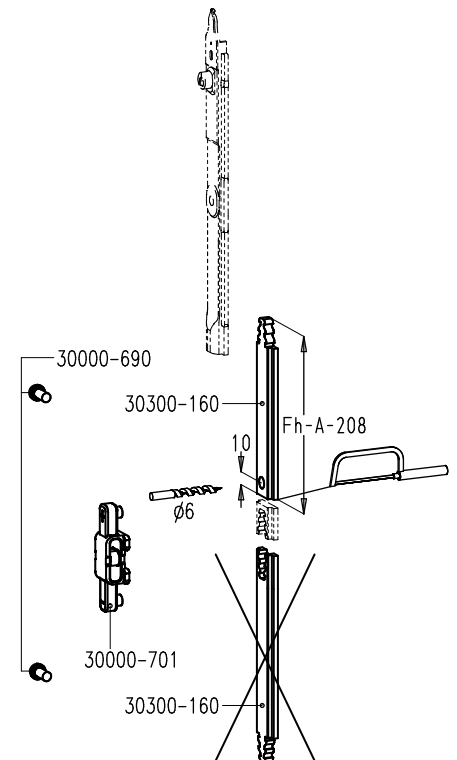
1.1. With vertically fitted handle

With connection piece

- Vent height $F_h = 480-600$ mm
- This set n° 30000-702 can be used for turn-tilt windows, tilt-turn windows, side hung windows as well as tilt windows.
- The set is only available for Chrono Standard and Chrono Plus.
- Set n° 30000-702 contains a connection piece n° 30000-701 for a standard handle.

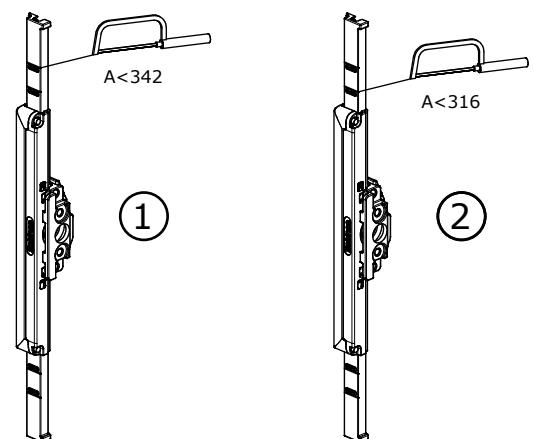
Set n° 30000-702		
2	30000-690	screw for handle
1	30000-701	connection piece
2	30300-160	rod

- The rod under the handle is not necessary.
- Procedure:
 - Determine rod lengths and cut off rods n° 30300-160.
 - Drill hole $\varnothing 6$ mm in the rod.



With lockcases

- Vent height $F_h = 605-685$ mm
- This is possible for lockcases n° 26000-720, 26000-721, 26300-720 and 26300-721, in combination with Chrono Standard, Chrono Plus and Chrono Safe.
- First cut:
 - Vent height $F_h = 632-685$ mm
 - First saw cut of lockcase ($A < 342$)
 - Cut off the rods in synthetic material n° 35000-100 at a length of 75 mm
- Second cut:
 - Vent height $F_h = 605-632$ mm
 - Second saw cut of lockcase ($A < 316$)
 - Cut off the rods in synthetic material n° 35000-100 at a length of 60 mm
- It is not necessary to shorten the bottom side of the lockcase.





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1.2. With horizontally fitted handle

With connection piece

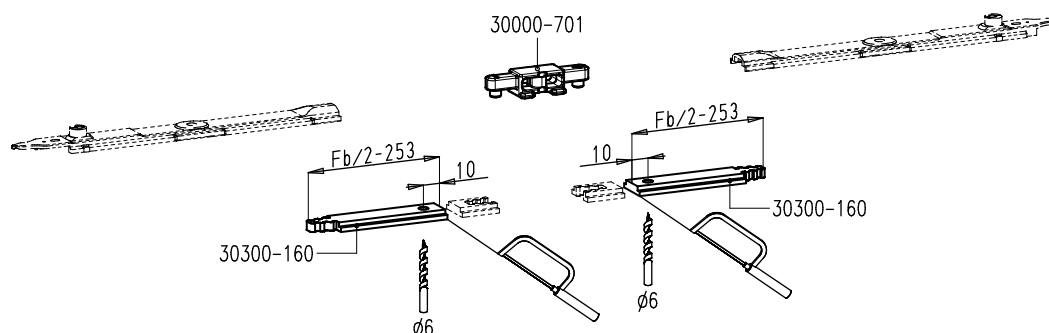
• Vent height $F_b = 480-600$ mm

- This set n° 30000-702 can be used for turn-tilt windows, tilt-turn windows, side hung windows as well as tilt windows.
- The set is only available for Chrono Standard and Chrono Plus.
- Set n° 30000-702 contains a connection piece n° 30000-701 for a standard handle.

Set nr. 30000-702		
1	30000-701	connection piece
2	30300-160	rod

• Procedure:

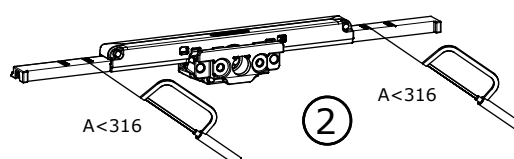
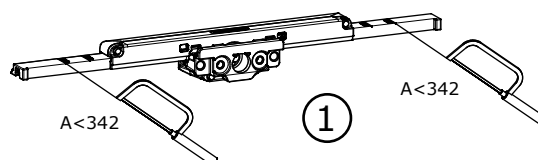
- Determine rod lengths and cut off rods n° 30300-160.
- Drill hole $\phi 6$ mm in the rod.



With lockcases

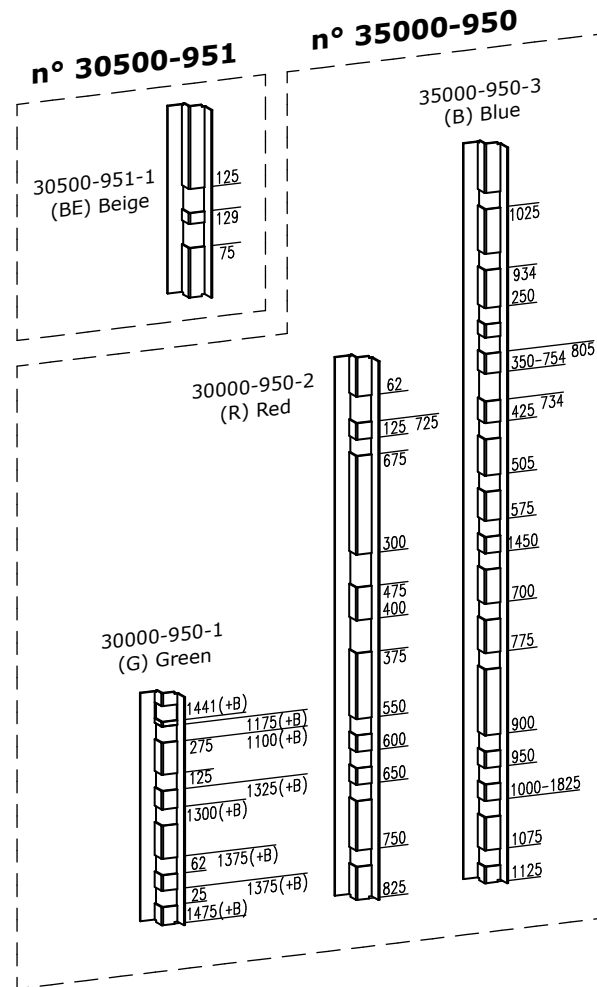
• Vent height $F_b = 605-685$ mm

- This is possible for lockcases n° 26000-720, 26000-721, 26300-720 and 26000-721, in combination with Chrono Standard, Chrono Plus and Chrono Safe.
- First cut:
 - Vent height $F_b = 632-685$ mm
 - First saw cut of lockcase (A<342)
 - Cut off the rods in synthetic material n° 35000-100 at a length of 75 mm
- Second cut:
 - Vent height $F_b = 605-632$ mm
 - Second saw cut of lockcase (A<316)
 - Cut off the rods in synthetic material n° 35000-100 at a length of 60 mm





2. Jigs for Standard and Plus keeps

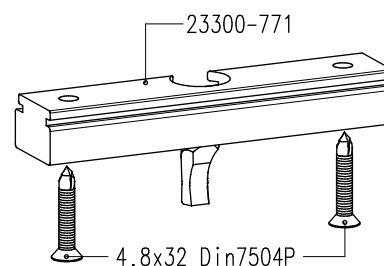




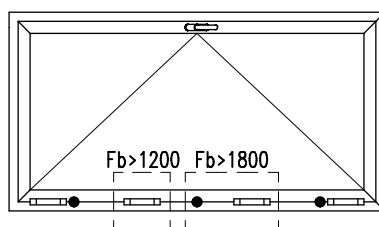
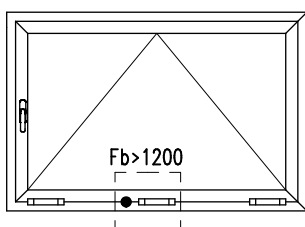
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3. Anti-lift pin n° 23300-771

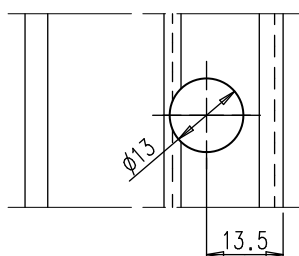
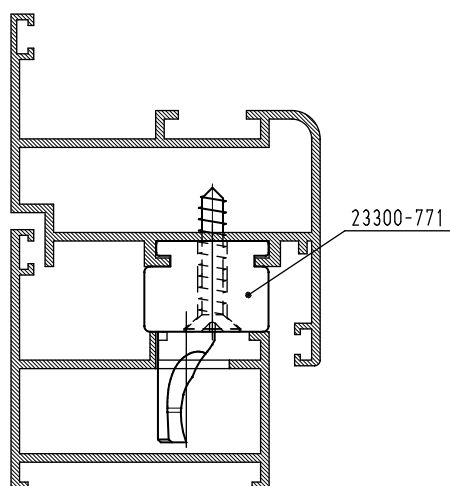
- The anti-lift pins n° 23300-771 are only used for the Chrono Safe system.
- The anti-lift pins are mounted on the vent at the hinge side.
- Finish:
 - Fixing piece in aluminium, black anodised.
 - Pin in stainless steel.



- Position anti-lift pin

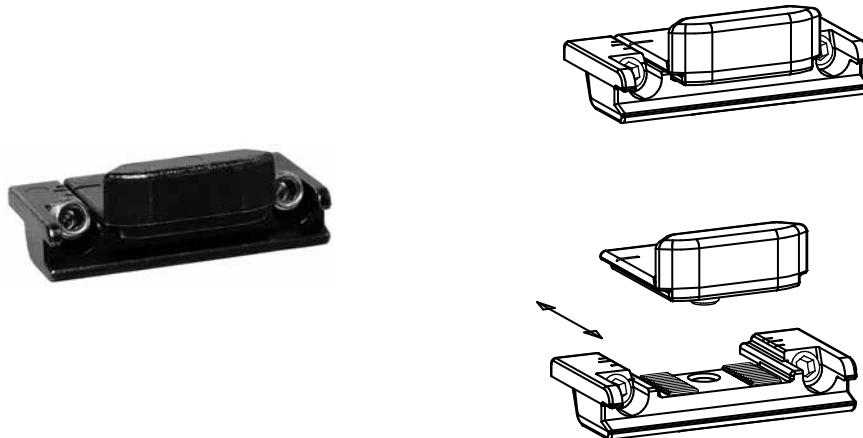


- Preparations

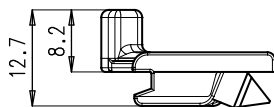




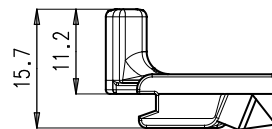
4. Adjustable keeps n° 30140-801 and -803



- The keeps are adjustable to increase or decrease the compression of the vent gasket. This can be important to ensure wind and water tightness of the window.
- The keep is black passivated and can be applied for a frame groove of 14/18 mm and 10/14 mm.
- Keep n° 30140-801 is suitable for an inside gap of 21 mm.
Keep n° 30140-803 is suitable for an inside gap of 24 mm.

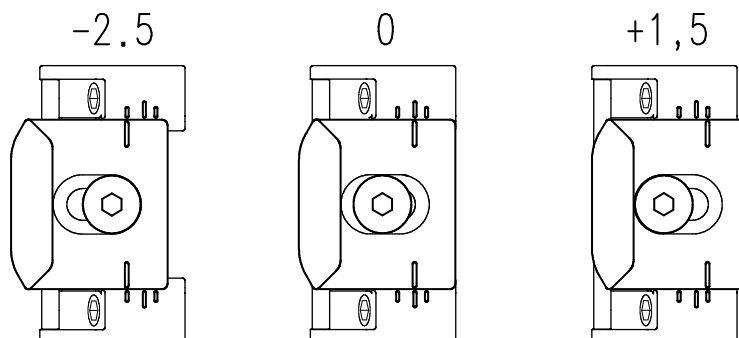


N° 30140-801



N° 30140-803

- The adjustment range of the keep is from -2.5 mm to +1.5 mm:
 - position -2.5: less compression
 - position 0: normal position
 - position +1.5: more compression
- There are 3 marks on the keep which indicate the 3 positions:



- **Important!** Tighten the clamping screws (grub screws 2.5 mm) of the keep with a force of 1.75 Nm +/-0.25 Nm.

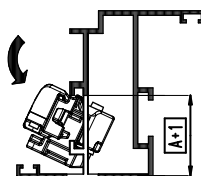
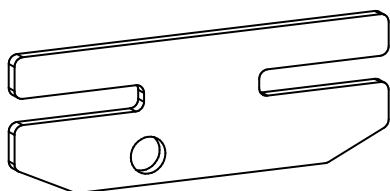


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5. Drilling protection

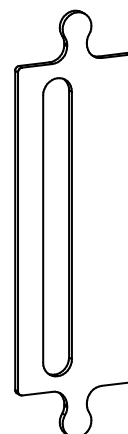
5.1. Drilling protection n° 35300-720-6 for lockcase

- The drilling protection is made of a hardened steel plate (60HRC).
- The drilling protection can be used in combination with lockcases n° 35000-720 and n° 35000-721.
- Installation: place the drilling protection on the pin at the back side of the lockcase.
- Profile preparation: mill 1 mm deeper than the groove tooth compared to the milling for the lockcases.



5.2. Drilling protection n° 30300-659-6 for connection piece set

- The drilling protection is a cover plate made of manganese steel.
- The drilling protection can be used in combination with the connection piece sets n° 35000-700 and 35300-701.





6. Assembly table and cabinet

6.1. Assembly table for set packaging n° 30000-960

Width = 1070 mm
Depth = 1230 mm
Height = 1050 mm



6.2. Assembly table for bulk packaging n° 30000-961

Width = 1070 mm
Depth = 1230 mm
Height = 1050 mm

Small boxes: 175 x 100 x 70 mm
Large boxes: 255 x 150 x 120 mm





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6.3. Small cabinet n° 30000-970

Width = 1220 mm
Depth = 610 mm
Height = 1660 mm



6.4. Large cabinet n° 30000-971

Width = 1470 mm
Depth = 610 mm
Height = 1960 mm

