



**PROJECT-OUT WINDOWS
AND TOP HUNG WINDOWS**



F11.14
**HANDLES
AND LOCKCASE**

01.11.2014



HANDLES AND LOCKCASE

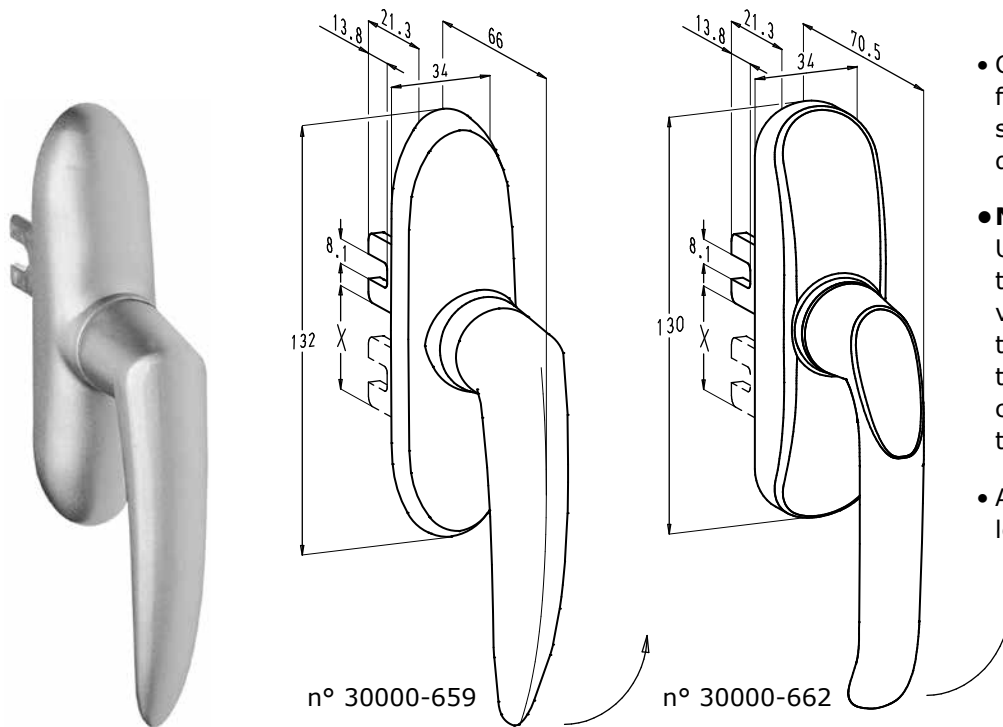
CONTENTS

1. Chrono handles	F11.14.03
1.1. Standard handles	F11.14.03
1.2. Order table	F11.14.04
1.3. Variant handles	F11.14.04
1.4. Installation example	F11.14.05
1.5. Profile preparations	F11.14.05
2. Handles series 502, 503, 5020 and 5030	F11.14.06
2.1. Models	F11.14.06
2.2. Profile preparations	F11.14.07
2.3. Installation example	F11.14.07
3. Sobinox handles	F11.14.08
3.1. General	F11.14.08
3.2. Handles with oval backplate	F11.14.09
3.3. Handles with rectangular backplate	F11.14.10
4. HORIZON handle	F11.14.11
5. Lockcase n° SLT1506	F11.14.12
5.1. General information	F11.14.12
5.2. Installation example	F11.14.12



1. Chrono handles

1.1. Standard handles

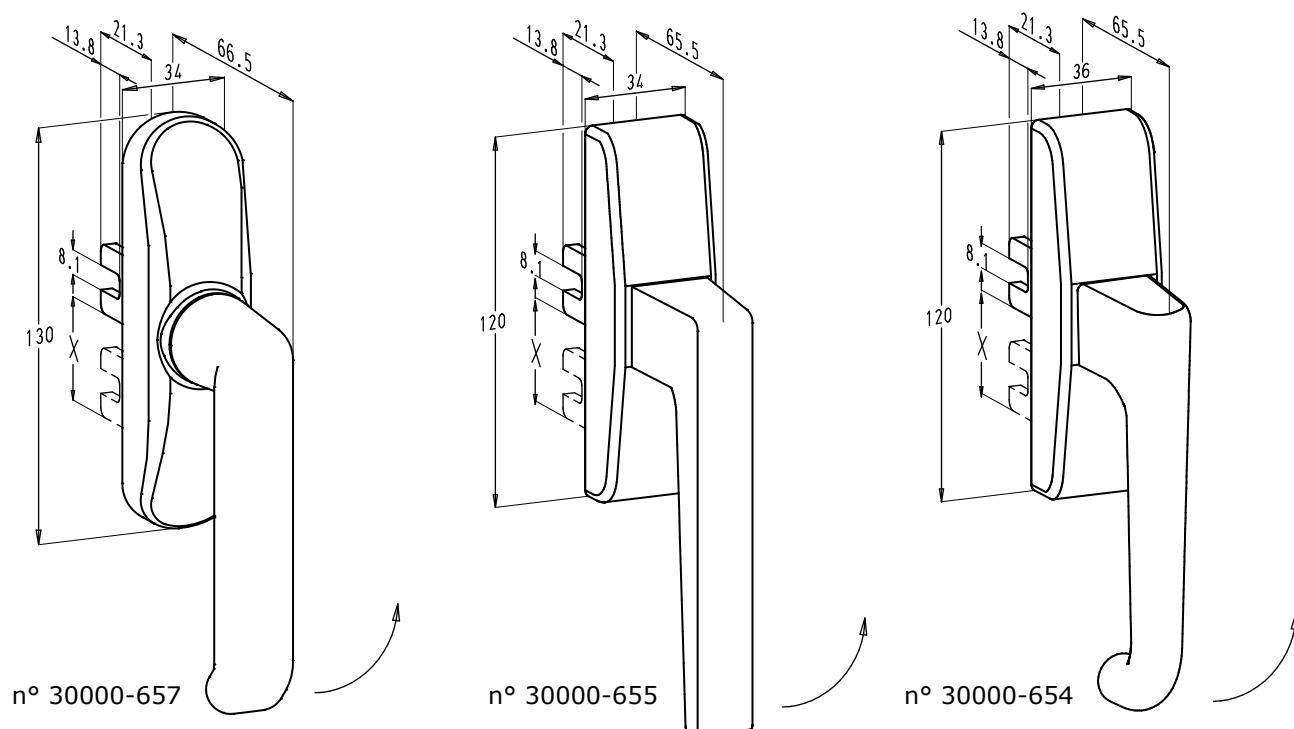


• Chrono handles, also used for turn-tilt windows and side hung open in windows.

• **Note:** Usually the 'T' version of the handle must be provided. In this case the grip turns in the opposite direction. This is necessary because otherwise the grip turns towards the glass.

• Available with several fork lengths.

- Throw X=17 mm by turning the grip 90°.
- Finish:
 - n° 30000-659-.., -662-.. and -657-..: grip in aluminium and base in zinc alloy, always polyester powder coated.
 - n° 30000-655-.. and -654-..: grip and base in aluminium anodised or polyester powder coated.
 - more than 450 RAL colours.
- Possible fixing holes: see page F11.14.05.

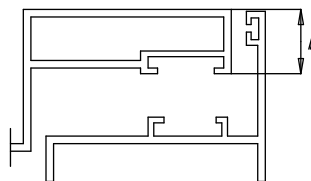




HANDLES AND LOCKCASE

1.2. Order table

- The handles are available with different fork lengths.



Handles with longer fork						
					Fork length L (mm)	Distance A (mm)
30000-654	30000-655	30000-657	30000-659	30000-662	21.3	15-20
4000-214	4000-215	4000-217	4000-219	-	24.5	18-23
30000-654-26	30000-655-26	30000-657-26	30000-659-26	30000-662-26	26	19-24
30000-654-29	30000-655-29	30000-657-29	30000-659-29	30000-662-29	29	22-27
30000-654-32	30000-655-32	30000-657-32	30000-659-32	30000-662-32	32	25-30
30000-654-35	30000-655-35	30000-657-35	30000-659-35	30000-662-35	35	28-33
30000-654-38	30000-655-38	30000-657-38	30000-659-38	30000-662-38	38	31-36

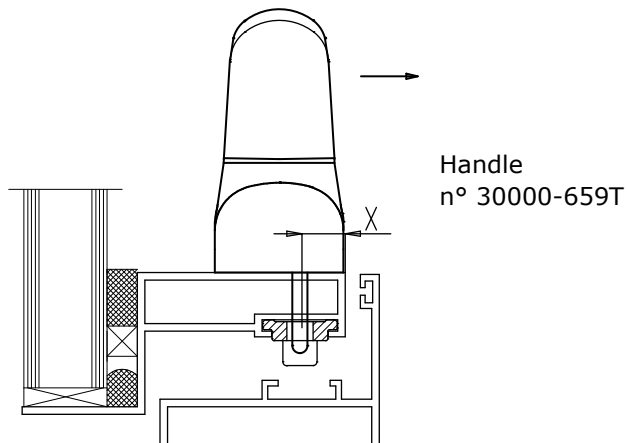
1.3. Variant handles

- All handles are available in the following variant versions:
 - Handles version 'S': e.g. 30000-659S-29
 - Cylinder locking handle (version CYL): e.g. 30000-659CYL-29
 - Handle with square hole 8x8 mm (version V) to operate with loose grip n° 505: e.g. 30000-659V-29
 - Handle with special opening (version W) to operate with key n° 505W: e.g. 30000-659W-29
 - With grip turning in the opposite direction (version T): e.g. 30000-659T-29





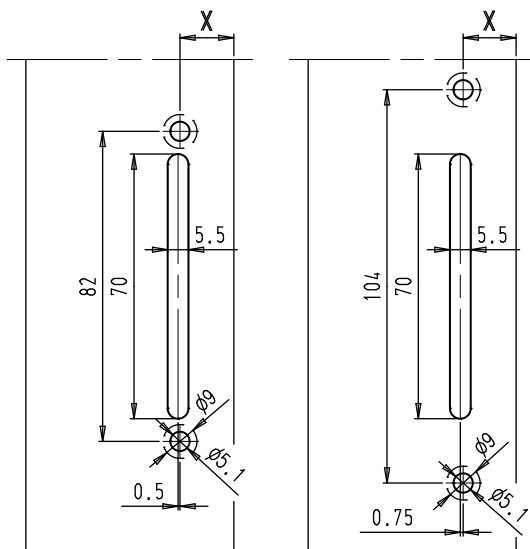
1.4. Installation example



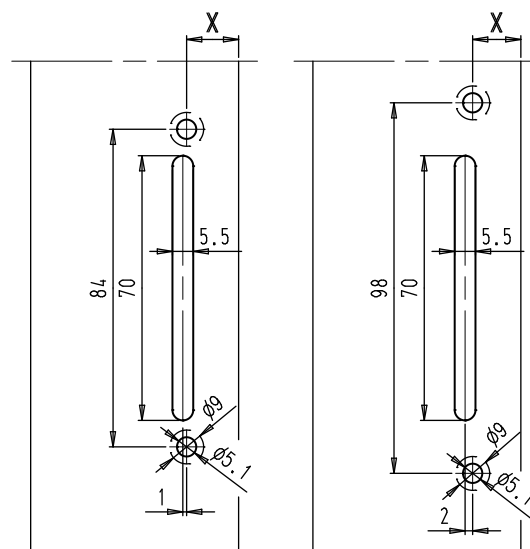
1.5. Profile preparations

- Dimension 'X' is the distance to the edge of the vent profile.

Standard handles



Handles version 'S'



- Holes $\varnothing 9$ mm have to be drilled in the vent groove to insert the fixing screws.



HANDLES AND LOCKCASE

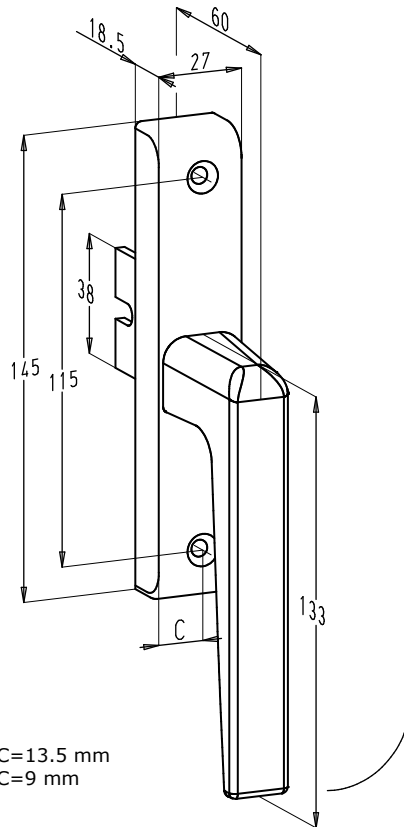
2. Handles series 502, 503, 5020 and 5030

2.1. Models

- More information about these handles, see chapter H13.11.

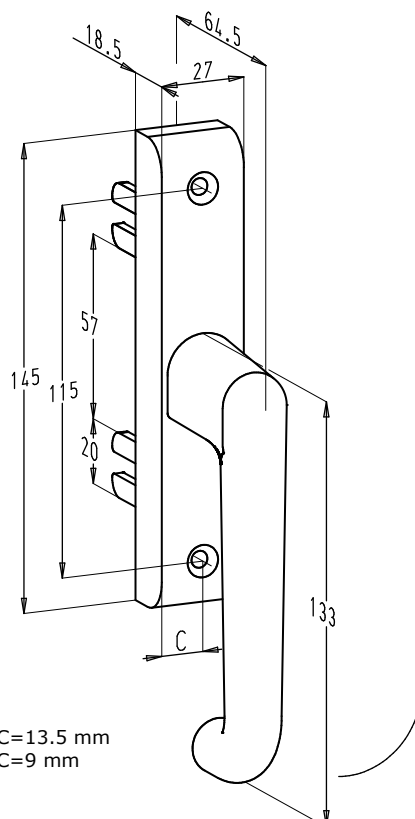
Series 502 (photo)

Series 5020



Series 503

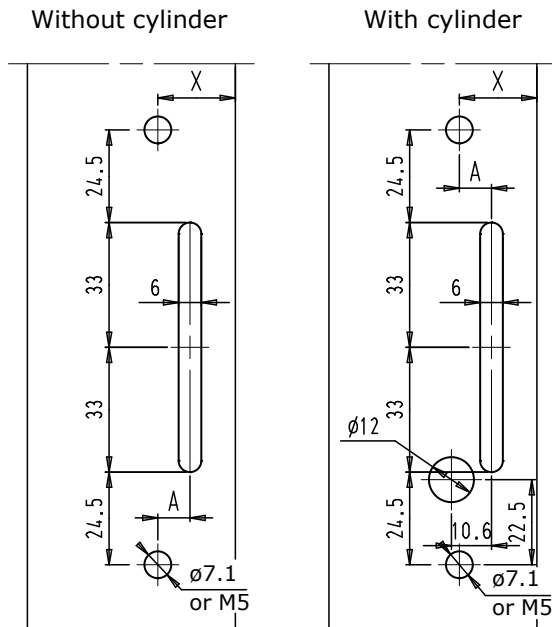
Series 5030 (photo)



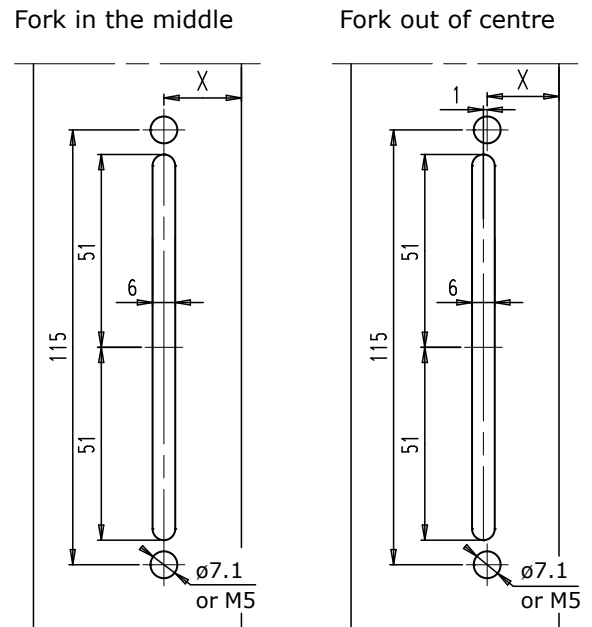


2.2. Profile preparations

With 1 fork (502 and 5020)



With 2 forks (503 and 5030)

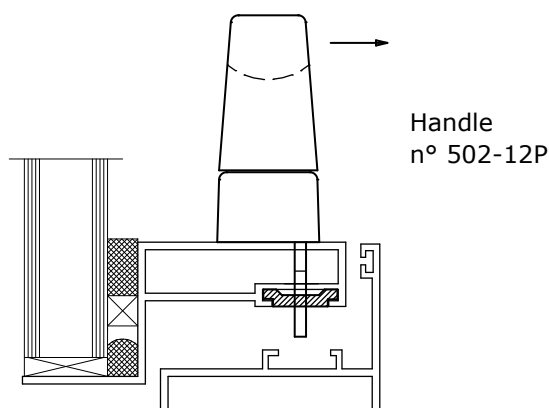


Standard: A=8.5 mm
B-version: A=4 mm

- Only the handles with 1 fork are possible with cylinder.
- Dimension 'X' is the distance to the edge of the vent profile.
- The handles are preferably fixed with blind rivnuts. Therefore you must drill holes with diameter $\varnothing 7.1$ mm. Fixing holes M5 when you fix directly in the profile.

2.3. Installation example

- Usually the 'P' version of the handle must be provided. In this case the grip turns in the opposite direction. This is necessary because otherwise the grip turns towards the glass.
- The handle is connected directly to the aluminium rods.





HANDLES AND LOCKCASE

3. Sobinox handles

3.1. General

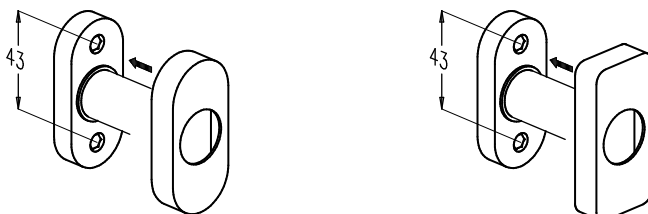
Characteristics

- The Sobinox handles are manufactured from high-grade stainless steel AISI 304 and are supplied with a satin finish.
- These handles can be used in many different sectors due to their aesthetic, practical, maintenance friendly and hygienic properties: e.g. domestic houses, hospitals, catering, industry,
- The grips are available in different types and can be supplied with an oval or rectangular short backplate.
- The handles are supplied with a steel zinc plated square spindle of 7 mm, available in lengths of 25 and 38 mm.
- Some handles are available in aluminium (AL), anodised or polyester powder coated in more than 450 RAL colours.
- Handles with cylinder (1852CYL and 1857CYL) are also available.
- To use in combination with lockcase n° SLT1506: see page F11.14.11.

Maintenance instructions

- Maintenance should be carried out at suitable intervals to prevent surface corrosion and for reasons of hygiene.
- Normal maintenance
 - Clean the stainless steel parts regularly.
 - Treat the surface with soapy water or with a mild detergent.
 - Rinse off the detergent with clean water.
 - Polish with a soft cloth or sponge.
- Never use
 - Scouring powders
 - Steel wool or steel brushes
 - Highly abrasive materials

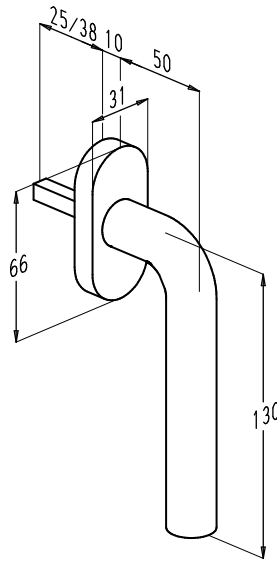
Fixing short backplate



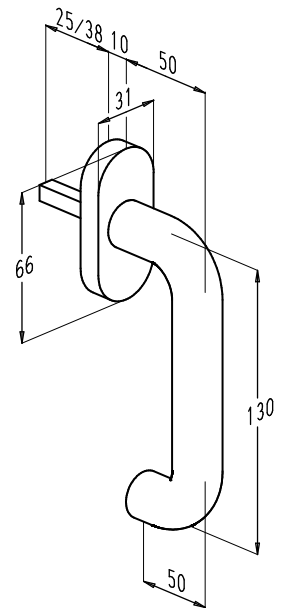


3.2. Handles with oval backplate

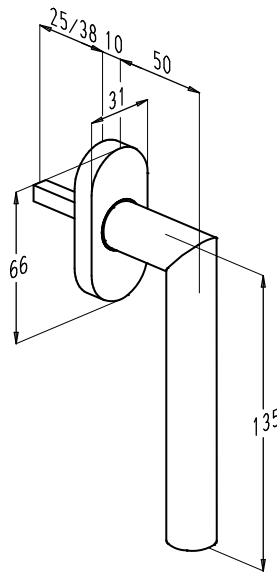
n° 1850(AL)-25
n° 1850(AL)-38



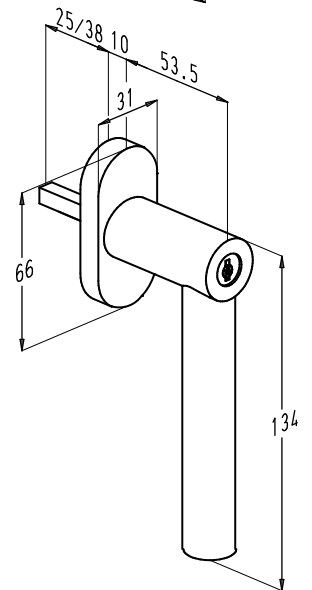
n° 1851-25
n° 1851-38



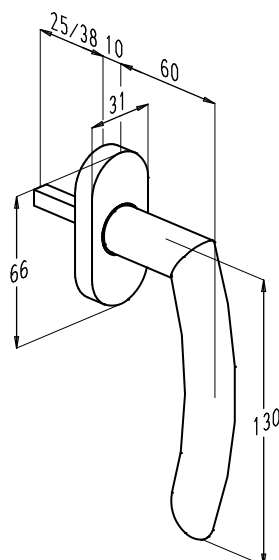
n° 1852(AL)-25
n° 1852(AL)-38



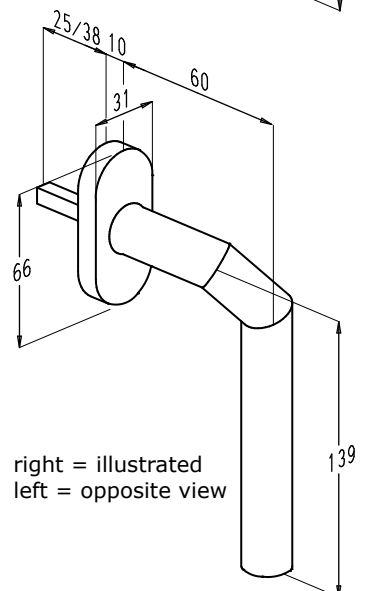
n° 1852CYL-25
n° 1852CYL-38



n° 1853-25
n° 1853-38



n° 1854-25
n° 1854-38



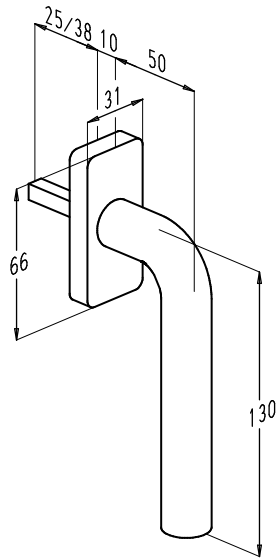
right = illustrated
left = opposite view



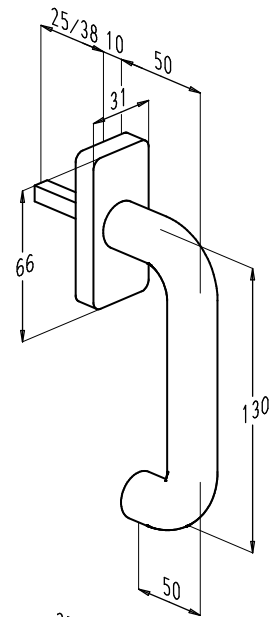
HANDLES AND LOCKCASE

3.3. Handles with rectangular backplate

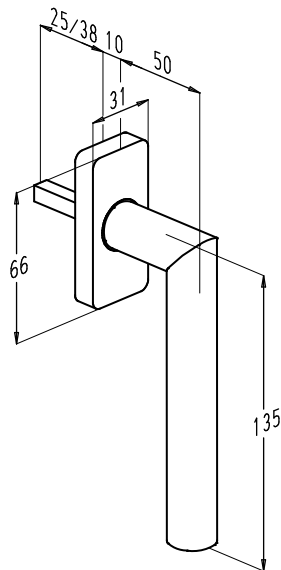
n° 1855(AL)-25
n° 1855(AL)-38



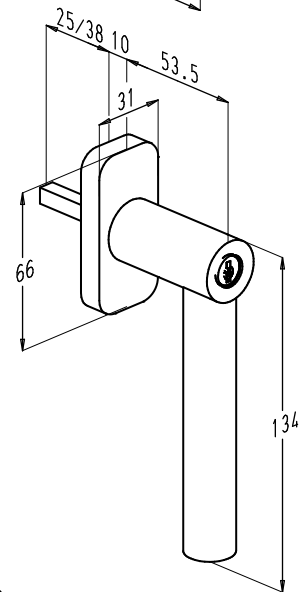
n° 1856-25
n° 1856-38



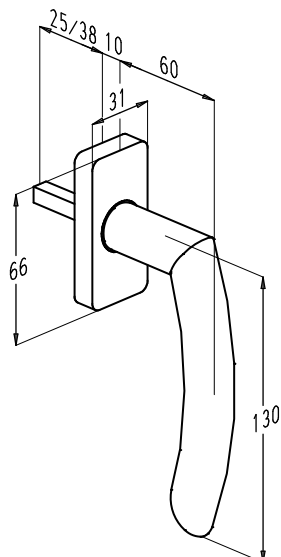
n° 1857(AL)-25
n° 1857(AL)-38



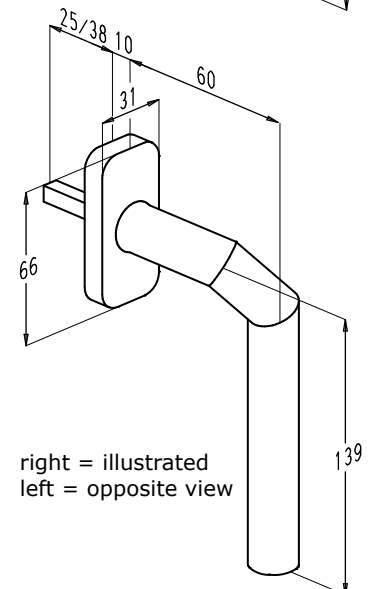
n° 1857CYL-25
n° 1857CYL-38



n° 1858-25
n° 1858-38



n° 1859-25
n° 1859-38



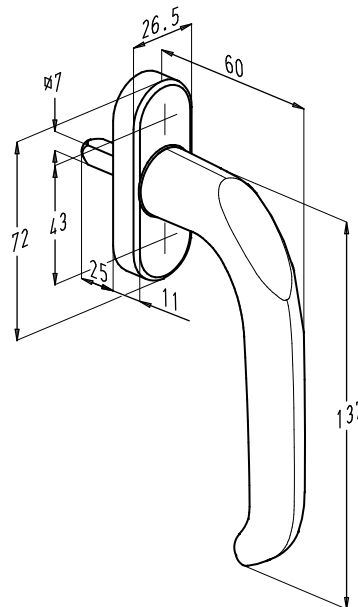


4. HORIZON handle

- The handle n° 30000-680 has been developed based on the HORIZON door handles and provided with an integrated spring system, rotating over 360° in 4 steps of 90°.
- The handles are supplied with a steel zinc plated square spindle of 7x7 mm, with length of 25 mm.
- Materials:
 - grip: aluminium
 - backplate: zinc alloy
 - cover: aluminium
 - finish: anodised or polyester powder coated in more than 450 RAL colours
- To use in combination with lockcase n° SLT1506.



N° 30000-680

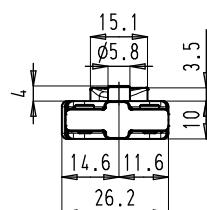
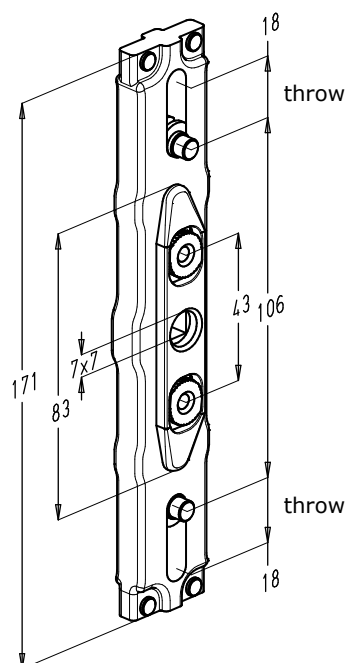




HANDLES AND LOCKCASE

5. Lockcase n° SLT1506

5.1. General information



- Compact clampable lockcase for eurogroove 15/20 mm, to operate with a handle with square spindle of 7 mm.
- Materials: synthetic material and austenitic stainless steel AISI 304 and 316. Corrosion resistance class 5 in accordance with the European standard EN 1670.
- Easy installation:
 - the lockcase is positioned on the vent groove
 - the plastic piece is clamped in the groove by turning the toothed bushes.
 - the bushes can be turned by a 5 mm hexagonal key.
- Connection with the aluminium rods by means of the $\varnothing 6$ mm drive spigots. Throw 18 mm.
- Cycle test up to 30,000 cycles.

5.2. Installation example

