Toulon – Distinctive shape and proven technology
For all HOPPE door and window handles ...

10-year operational guarantee
Product overview Toulon

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Window handles

### 0737S/US947-1 (100 Nm)

HOPPE aluminium lockable turn/tilt window handle with Secu100® + Secustik®:
- Tested to RAL-GZ 607/9, RAL100®; meets the requirements of DIN EN 1627-1630 RC1-6
- Locking mechanism: push cylinder, reversible key
- Stop-in position: 90°
- Cover: partial cover cap
- Base: nylon, supporting lugs
- Spindle: HOPPE solid spindle
- Fixing: concealed, M5 thread screws

<table>
<thead>
<tr>
<th>Article description</th>
<th>Projecting Lugs Ø</th>
<th>F1</th>
<th>F9</th>
<th>F8707</th>
<th>F9016</th>
<th>P.U.</th>
<th>O.C.</th>
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<tr>
<td>Lockable turn/tilt</td>
<td>32 7 10</td>
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<td>window handle with</td>
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<tr>
<td>Secu100® + Secustik®</td>
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### 0737S/U947 (TBT4)

HOPPE aluminium lockable window handle with SecuTBT:
- Locking mechanism: turn cylinder, reversible key; lockable in the 0° and 90° position, automatic locking function
- Stop-in position: 90°
- Cover: partial cover cap
- Base: nylon, supporting lugs
- Spindle: HOPPE solid spindle
- Fixing: concealed, M5 thread screws

<table>
<thead>
<tr>
<th>Article description</th>
<th>Projecting Lugs Ø</th>
<th>F1</th>
<th>F9</th>
<th>F8707</th>
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</tbody>
</table>
0737SVS/U947

HOPPE aluminium lockable turn/tilt window handle with SecuDuplex:
- Locking mechanism: push button locking cylinder, reversible key
- Stop-in position: 90°
- Cover: partial cover cap
- Base: nylon, supporting lugs
- Spindle: HOPPE solid spindle
- Fixing: concealed, M5 thread screws

<table>
<thead>
<tr>
<th>Article description</th>
<th>Projecting</th>
<th>Lugs Ø</th>
<th>F1 Article no.</th>
<th>F9 Article no.</th>
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<th>F9016 Article no.</th>
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<th>O.C.</th>
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</table>

0737SV/947

HOPPE aluminium turn/tilt window handle with push button:
- Stop-in position: 90°
- Cover: partial cover cap
- Base: nylon, supporting lugs
- Spindle: HOPPE solid spindle
- Fixing: concealed, M5 thread screws

<table>
<thead>
<tr>
<th>Article description</th>
<th>Projecting</th>
<th>Lugs Ø</th>
<th>F1 Article no.</th>
<th>F9 Article no.</th>
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</table>
Window handles, French door sets

**0737/US947**

HOPPE aluminium turn/tilt window handle with adjustable spindle and *Secustik*®:
- Tested to RAL-GZ 607/9
- Stop-in position: 90°
- Cover: partial cover cap
- Base: nylon, supporting lugs
- Spindle: HOPPE solid spindle, adjustable length of 10mm, smooth adjustment thanks to the pressure spring integrated in the handle neck
- Fixing: concealed, M5 thread screws

<table>
<thead>
<tr>
<th>Article description</th>
<th>Projecting</th>
<th>Lugs Ø</th>
<th>F1 Article no.</th>
<th>F9 Article no.</th>
<th>F8707 Article no.</th>
<th>F9016 Article no.</th>
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<th>O.C.</th>
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<tbody>
<tr>
<td>Turn/tilt window handle with <em>Secustik</em>®</td>
<td>32-42</td>
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<td>3937157</td>
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**0737KH/51N/U34/0737/51NS/51PNS**

HOPPE aluminium turn/tilt window handle set with escutcheons for French doors, exterior with short neck:
- Stop-in position: outside: none; inside: 90°
- Escutcheons: outside: cast, inside: nylon base with partial cover cap, supporting lugs
- Spindle: HOPPE solid spindle
- Fixing: concealed, from inside, bolt-through, M5 thread screws

<table>
<thead>
<tr>
<th>Article description</th>
<th>Projecting</th>
<th>Lugs Ø</th>
<th>F1 Article no.</th>
<th>F9 Article no.</th>
<th>F8707 Article no.</th>
<th>F9016 Article no.</th>
<th>P.U.</th>
<th>O.C.</th>
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<tbody>
<tr>
<td>Turn/tilt window handle set with escutcheons, exterior with short neck</td>
<td>63-73</td>
<td>7</td>
<td>10</td>
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<td>3938011</td>
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0737FA/51N/U34/0737/51NS/51PNS

HOPPE aluminium turn/tilt window handle set with escutcheons for French doors:
- Stop-in position: outside: none; inside: 90°
- Escutcheons: outside: cast, inside: nylon base with partial cover cap, supporting lugs
- Spindle: HOPPE solid spindle
- Fixing: concealed, from inside, bolt-through, M5 thread screws

<table>
<thead>
<tr>
<th>Article description</th>
<th>Lugs Ø</th>
<th>F1 Article no.</th>
<th>F9 Article no.</th>
<th>F8707 Article no.</th>
<th>F9016 Article no.</th>
<th>P.U.</th>
<th>O.C.</th>
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<tbody>
<tr>
<td>Turn/tilt window handle with escutcheons</td>
<td>63-73</td>
<td>7</td>
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<td>3938176</td>
<td>3938205</td>
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</table>

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HOPPE aluminium pull handle for French doors:
- Fixing: visible, multi-purpose screws

<table>
<thead>
<tr>
<th>Article description</th>
<th>F1 Article no.</th>
<th>P.U.</th>
<th>O.C.</th>
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<tbody>
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<td>Pull handle</td>
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PSK-0737S/US947-1 (100 Nm)

HOPPE aluminium lockable handle with Secu100® + Secustik® for tilt/slide doors:
- Tested to RAL-GZ 607/9, RAL100; meets the requirements of DIN EN 1627-1630 RC1-6
- Locking mechanism: push cylinder, reversible key
- Stop-in position: 90°
- Cover: partial cover cap
- Base: nylon, supporting lugs
- Spindle: HOPPE solid spindle
- Fixing: concealed, M5 thread screws

<table>
<thead>
<tr>
<th>Article description</th>
<th>Projecting</th>
<th>Lugs Ø</th>
<th>F1 Article no.</th>
<th>F9 Article no.</th>
<th>FB707 Article no.</th>
<th>F9016 Article no.</th>
<th>P.U.</th>
<th>O.C.</th>
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<tbody>
<tr>
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</table>

PSK-0737/US947-1

HOPPE aluminium handle with Secustik® for tilt/slide doors:
- Tested to RAL-GZ 607/9
- Stop-in position: 90°
- Cover: partial cover cap
- Base: nylon, supporting lugs
- Spindle: HOPPE solid spindle
- Fixing: concealed, M5 thread screws

<table>
<thead>
<tr>
<th>Article description</th>
<th>Projecting</th>
<th>Lugs Ø</th>
<th>F1 Article no.</th>
<th>F9 Article no.</th>
<th>FB707 Article no.</th>
<th>F9016 Article no.</th>
<th>P.U.</th>
<th>O.C.</th>
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<tbody>
<tr>
<td>Handle with Secustik® for tilt/slide doors</td>
<td>32 7 10</td>
<td>3938555 3938694 3938723 3938758</td>
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<td>43 7 10</td>
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</table>
## HS-0737/419/420 and HS-0737/419

HOPPE aluminium lift/slide handle set for patio doors, exterior with recessed pull:
- Bearing: fixed/movable handle
- Stop-in position: 180°
- Base: outside: none, inside: zamak, supporting lugs
- Spindle: HOPPE solid spindle with radiused edges
- Fixing: concealed, bolt-trough, M6 thread screws

### Article description

<table>
<thead>
<tr>
<th>Article description</th>
<th>Keyhole</th>
<th>F1 Article no.</th>
<th>F9 Article no.</th>
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<tbody>
<tr>
<td>Lift/slide handle set, exterior with recessed pull, HS-0737/419/420</td>
<td>68-73</td>
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<td>Lift/slide handle set pair, HS-0737/419</td>
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</table>
• **Secustik® technology**
Window handles with Secustik® technology hinder unauthorised tampering with the window fitting from outside by an integrated jamming mechanism. The precision clicking of the blocking mechanism when engaging itself is the audible sign of more security for your windows.

• **SecuDuplex window handle with innovative double function**
With the SecuDuplex window handle and its double function, the handle can only be moved when the push button locking cylinder is unlocked and then pressed when turning. This means, once unlocked with the key, the handle can only be moved by pressing the push button locking cylinder, too. If the push button locking cylinder is not pressed, the handle remains locked in the 0° closed or 180° tilt position.

• **Secu100® technology**
The Secu100® technology prevents the turning and pulling off of the window handle up to a torque of 100 Nm*.

* 1 Nm (Newton metre) is equal to the torque resulting from a force of one Newton applied perpendicularly to a lever arm which is 1 metre long.

• **Secu100® + Secustik® technology**
The Secu100® + Secustik® combines the Secu100® with Secustik® technology. With this, not only is there a high degree of safety when locked, but also an in-built permanent, basic security even when unlocked.

• **SecuTBT operation**
SecuTBT window handles are suitable for TBT(Tilt Before Turn) window hardware only, TBT meaning the sequence of opening and closing the window: closed - tilted - turned open.

• **Secustik® technology with adjustable spindle**
A single window handle for a range of window profiles: The Secustik® window handle with adjustable spindle adapts to the depth of the individual window profile, can be used with an installation depth range of up to 10 mm and has been tested to RAL. It can be installed with ease and flexibility on window profiles of various depths. The integrated Secustik® technology hinders movement of the window fitting and turning of the spindle from outside.

Further details about the HOPPE technologies can be found in our manual: HOPPE – Handle of excellence. Basic information.
HOPPE divides its product range into three lines based on the customers’ different requirements in price and perception of value – duavert®, duaplus® and duanorm®. duaplus® stands for the medium product line.

**Explanation of symbols**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
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<tr>
<td><img src="image" alt="Profile cylinder" /></td>
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<tr>
<td><img src="image" alt="Door thickness" /></td>
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<tr>
<td><img src="image" alt="Spindle size" /></td>
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<tr>
<td><img src="image" alt="RAL" /></td>
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</tr>
<tr>
<td><img src="image" alt="duaplus®" /></td>
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</tbody>
</table>

**Finishes**

- **F1** Aluminium silver effect
- **F8707** Aluminium dark brown semi-gloss
- **F9** Aluminium steel effect
- **F9016** Aluminium traffic white

**Material description aluminium**

The surface of HOPPE aluminium fittings is protected by either anodising or powder coating. Anodising consists of a controlled, electrically induced oxidation process with the aid of sulphuric acid, which causes the base material to bond with oxygen and to grow a protective surface layer, the so-called oxide film. This film protects the products against detrimental influences such as hand perspiration, humidity and light mechanical stress.

In powder coating, the coating powder is applied to the aluminium surface by means of an electrostatic process. It is then heated to a temperature of 150°-200°C causing the paint particles to melt to a film of paint in a chemical cross-linking reaction.

There is no known risk to health in aluminium hardware. No special care is needed for aluminium as the oxide film protects it. Dirt can easily be removed with a damp cloth.