Pipe and cable fastening with plastic pipe clamps
Gripping possibilities
for the world of pipe and cable fastening

CLIC is more than just a plastic clamp: CLIC offers a high-quality system of solutions allowing you to grip many opportunities.


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Since 1975 the self-locking pipe clamp CLIC has proved itself millions of times. Cables and pipes fixed with «Swiss Quality» are fast and securely fixed throughout the world.

Today, system solutions (pipe clamps, screws, plugs and accessories) are required, for instance in telecommunication. Consulting during the phase of planning, becomes more and more important. A long experience in business and our internal development division have allowed many individual solutions in collaboration with our customers engineers. Our production is able to preassemble tailor-made CLIC systems even at short notice.

The proven solution for cable conduits
Easy handling and fast mounting predestinates CLIC for fixing cable conduits.

The smart solution for specific tasks
For installations with higher demands, public areas or infrastructural buildings, the qualities of CLIC and CLIC TOP are especially recommended because of the high mechanical capacity, the excellent impact resistance and temperature stability.

The best solution for highest demands
CLIC TOP ideally covers the increasing demands for fixing points in sensitive environments. In many tunnels coaxial cables for radio and mobile telephone systems are openly mounted. The performance may not be impaired by interference from metallic parts. The plastic pipe clamp CLIC TOP is therefore the best solution for the installation.

Application areas
- Electrical installations
- Sanitary installations
- Control technique
- Chemical industry, difficult environments
- Clean rooms
- Radiating cables
- Fire alarm systems
- Swimming pools
- Central vacuum cleaners

Single-hand installation – a matter of course with CLIC: place the pipe, apply slight pressure and the clamp locks itself with a sharp clic.
Saves up to 40 % installation time in comparison to commonly used clamps.
CLIC has proved itself in numerous road tunnels such as the Gotthard tunnel in Switzerland.

High-speed tunneling
With a route length of 57 km the Gotthard Base Tunnel in Switzerland is the world’s longest rail tunnel. Multiple CLIC solutions for mounting cables and tubes provide a state of the art installation guaranteeing safety and durability in the different tunnels, shafts and passages representing a total length of 151.84 km. When completed, passenger high speed trains and freight trains of up to 4000 t will travel through the new tunnels.

Since 2002 tilting trains ICE3 are speeding with up to 250 km/h through the 30 tunnels of the Cologne–Rhine/Main railway line. Upon the total length of 47 km, coaxial cables are mounted with about 45,000 CLIC TOP clamps. The system for high-quality fixing points includes also various types of screws in stainless steel (A4).

CLIC clamps were also used in other railway tunnels as well as in the underground in Hannover, Vienna, Hong Kong, Singapore, Istanbul, London, Los Angeles and other cosmopolitan cities.

Coaxial cables in road tunnels
One of the first CLIC applications has proved itself successfully in the Schöneich road tunnel (Switzerland), where radiating coaxial cables for radio and mobile phone communication were openly mounted at a wall distance of 40 mm. At the renovation of the tunnel in 2001, the cables had to be replaced by new ones with better electrical characteristics. The roughly 4000 CLIC clamps could still be opened easily – even after about 20 years of exposure to temperature distinctions, humidity and exhaust gases – and have been replaced by new CLICs.

Corrosion-resistant and fire-proof – ideal for shipping
On the European Vision, built by the Alstom Atlantique shipyard in Saint Nazaire (F), CLIC was used for all water and compressed air pipes. Warm, cold, cooling and drinking water flow in copper pipes that are fixed with CLIC. Resistance against seawater and the good characteristics relating to fire were – after Alstom’s own testing – the deciding factors for CLIC TOP. Alstom has used CLIC TOP also for other passenger liners, including the Queen Mary II.
The advantages of the original
Secure, fast, economical, user-friendly – a true fact. The outstanding features of CLIC are self-explanatory. Benefit from the advantages and the safety of the original that has proved itself since 1975.

Compact design
One-piece:
- space-saving
- no loss of screws

Smooth surface
Allows pipe expansion/contraction lengthwise.

Slotted hole for accurate fixation
Position adjustments up to 4,5mm.

Centre mark
Perfect positioning.

Size
The CLIC nominal size is stamped on each clamp.

Two step locking
The lock with two catches combines essential features in a unique manner:
- wide clamping range
- high loading capacity, secure hold
- easy to open

Flexible jaws
In conjunction with the flexibility of the material, pipe tolerances can be compensated to a large extent.

Slot for threaded insert
For metric rod and stud mountings. Different flange sizes M6, M7 and M8 available.

Strong swivel joints
The unique joint mechanism allows with high-quality plastics, installations work at very low temperatures.

Less inventory
The flexible locking system allows to install 8 to 64 mm diameter pipes with only 15 clamp sizes.

Integrated rotary lock
Easiest mounting on base plates.

Thoothed annulus
Accurate positioning on spacers.

- No corrosion
- Electromagnetically neutral
- Noise absorbing
- Internationally certified
- Recyclable plastics
- Halogen-free, CFC-free
- Several colours

CLIC 8 to 64mm – Technology
CLIC 8 to 64mm – System

Mounting with system
CLIC is more than just a pipe clamp: CLIC is a comprehensive mounting system with perfectly matching parts that can be used separately or combined into customized pre-assembled sets.

1. Installation with wood screw and DELTA nylon plug. Surfaces: Masonry, Concrete

2. Installation with CLIC spacer, round-head wood screw with pressed-on washer and DELTA nylon plug. Surfaces: Masonry, Concrete

3. Installation with CLIC round spacer, TILCA fire-resisting anchor M6 and CLIC flange. Stainless steel 1.4529 on demand. Surface: Concrete

4. Installation with CLIC SLICK strut nut M6, CLIC flange and a threaded stud M6. Surface: Strut 41×41 and 41×21mm

5. Installation with CLIC hammer on spring steel clamp, CLIC flange and a threaded stud M6. Surface: Steel beam

6. Installation of two CLIC onto base plate fixed with TILCA nail-in plug. Surfaces: Masonry, Concrete

7. Installation CLIC to CLIC with threaded stud and two CLIC flanges.
CLIC 63 to 127 mm – Technology

Perfect for large pipes
For large diameters CLIC also offers the perfect solution with high-quality plastic materials. Count on the advantages and quality of the original that proves itself world-wide successfully, even under very hard conditions, for more than 25 years.

Safety lock
The only pipe clamp with the extra strong double interlocking closing mechanism for absolute secure hold.
- wide clamping range
- high loading capacity, secure hold
- easy to open

Wide clamping range
The lock mechanism makes it possible, with only 6 pipe clamp sizes:
- 63 to 127 mm pipe diameter
- accurate size adjustment

Slot for threaded insert
For metric rod and stud mountings. Different flange sizes M10 and M12 available.

3 slotted holes for secure and accurate fixation
Position adjustments up to 8 mm.

Center marks for threads and screws
Perfect positioning.

Integrated thread
The larger CLIC is provided with an inside thread for mountings with ½ inch threads.

Flexible jaws
In conjunction with the flexibility of the material, pipe tolerances can be compensated to a large extent.

Compact design
One-piece:
- space saving
- no loss of screws

Smooth surface
Allows pipe expansion/contraction lengthwise.

Strong swivel joints
The patented joint mechanism allows together with high-quality plastics installation work also at very low temperatures.

No corrosion
Electromagnetically neutral
Noise absorbing
Internationally certified
Recyclable plastics
Halogen-free, CFC-free
Diverse colours

Integrated thread
The larger CLIC is provided with an inside thread for mountings with ½ inch threads.

Size indicated in inches and millimetres
The CLIC nominal size as well as the clamping width is stamped on each clamp.
**CLIC 63 to 127 mm – System**

**Mounting with system**
The vast range of CLIC accessories allow various mounting possibilities. Combine your own assembly or ask our experts. If requested we tailor customer or project specific pre-assembled sets. This guarantees the optimal loading capacity and efficient mounting.

1. Installations with two hex cap wood screws and two DELTA nylon plugs.
   
   **Surfaces:**
   Masonry, Concrete

2. Installation with two TILCA flush anchors M8, two washers and two hex cap metal screws M6.
   
   **Surface:**
   Concrete

3. Installation with two CLIC thread supports, two washers and two hex cap metal screws M6.
   
   **Surface:**
   Strut 41 × 41 and 41 × 21 mm
Quality

The widest choice
For most CLIC products you have the option between the two material qualities CLIC and CLIC TOP. Numerous certifications give you the additional assurance of having made the right choice.

**clic**

The proven solution
- High-quality copolymer
- UV stabilized
- Good chemical resistance
- Weatherproof
- Working temperature -25 up to +90°C long-term
- Hinges allow installation down to -10 °C

**clic top**

For highest demands
- Pure polyamide
- UV resistant
- Excellent chemical resistance
- Chloride salt and termite resistant
- Working temperature -40 up to +110 °C long-term
- Hinges allow installation down to -25°C
- High low-temperature impact strength
- High flexibility at low and high temperatures

Certifications
Nearly all sizes of both qualities, CLIC and CLIC TOP, are certified by KIWA® and UL®. For details please see table on page 11.
How to find the right CLIC

The most important criteria for selection, such as type and diameter of the pipe as well as existing certifications, are listed together in table form, allowing you to find quickly the right CLIC.

Sizes in function of pipe and cable types

<table>
<thead>
<tr>
<th>CLIC</th>
<th>Steel mm</th>
<th>Copper mm</th>
<th>Cast iron mm</th>
<th>PE mm</th>
<th>PVC mm</th>
<th>Cable ducts metric measures</th>
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Certifications/recommended loading capacity

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<th>CLIC Clamp Size</th>
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<th>UL® CLIC</th>
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1Safety factor = 3 included for hanging mounting at 20 °C
Our expertise: Your security.