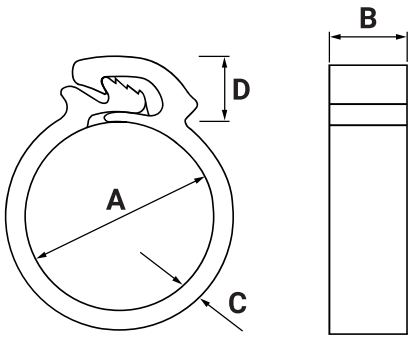
# Ezyclik™

Designed and manufactured by HCL to the highest quality the **Ezyclik™** is a hose clamp specifically designed for the production line and where space around the clamp is restricted. The **Eyzclik™** is designed so that it has no leak path and can achieve a considerable clamping force.
The **Ezyclik™** is a high quality hose clamp made from Nylon 6.6. and has 44 sizes ranging from 8.5mm to 45.5mm diameter. The clamps unique features alongside the advanced installation tooling that is provided means that the **Ezyclik™** is often found on many production lines.

## Key Features

- Zero Leak Path – Forms a complete circle
- Choice of Materials
- Choice of Colours
- Can withstand up to 150°C (300°F) – Nylon 6.6 Glass Filled Option
- High Pressure resistance – over 30 bar (depends on hose & spigot)
- Non-Corrosive
- Non-Conductive
- Non-Magnetic




## Dimensions & Part Numbers

| HCL Part No | Closed Diameter (A) mm / inch | Band Width (B) mm / inch | Band Thickness (C) mm / inch | Head Height (D) mm / inch |
|---|---|---|---|---|
| EZY-P-8.5 | 8.5 / 0.33 | 8.0 / 0.31 | 1.7 / 0.07 | 5.3 / 0.21 |
| EZY-P-8.7 | 8.7 / 0.34 | | | |
| EZY-P-8.9 | 8.9 / 0.35 | | | |
| EZY-P-9.2 | 9.2 / 0.36 | | | |
| EZY-P-9.5 | 9.5 / 0.37 | | | |
| EZY-P-10.0 | 10.0 / 0.39 | | | |
| EZY-P-11.4 | 11.4 / 0.44 | | | 5.5 / 0.22 |
| EZY-P-12.0 | 12.0 / 0.47 | | | 5.6 / 0.22 |
| EZY-P-12.5 | 12.5 / 0.49 | | | 5.7 / 0.22 |
| EZY-P-12.7 | 12.7 / 0.50 | | | 5.8 / 0.23 |
| EZY-P-13.2 | 13.2 / 0.51 | | | |
| EZY-P-13.7 | 13.7 / 0.53 | | | |
| EZY-P-14.5 | 14.5 / 0.57 | | 2.0 / 0.08 | 6.8 / 0.27 |
| EZY-P-14.6 | 14.6 / 0.57 | | | |
| EZY-P-15.0 | 15.0 / 0.59 | | | |
| EZY-P-15.7 | 15.7 / 0.61 | | | |
| EZY-P-15.9 | 15.9 / 0.62 | | | |
| EZY-P-16.5 | 16.5 / 0.64 | | | |
| EZY-P-16.8 | 16.8 / 0.66 | | | |
| EZY-P-17.1 | 17.1 / 0.67 | | | |
| EZY-P-17.5 | 17.5 / 0.68 | | | |
| EZY-P-17.6 | 17.6 / 0.69 | | | |
| EZY-P-18.0 | 18.0 / 0.70 | | | |
| EZY-P-18.5 | 18.5 / 0.72 | | | |
| EZY-P-19.1 | 19.1 / 0.74 | | | |
| EZY-P-19.6 | 19.6 / 0.76 | | | |
| EZY-P-20.1 | 20.1 / 0.78 | | | |
| EZY-P-20.8 | 20.8 / 0.81 | | | |
| EZY-P-21.1 | 21.1 / 0.82 | | | |
| EZY-P-22.0 | 22.0 / 0.85 | | | |
| EZY-P-22.1 | 22.1 / 0.86 | | | |
| EZY-P-22.6 | 22.6 / 0.88 | | | |
| EZY-P-23.1 | 23.1 / 0.90 | | | |
| EZY-P-23.6 | 23.6 / 0.92 | | | |
| EZY-P-24.7 | 24.7 / 0.96 | | | |
| EZY-P-25.8 | 25.8 / 1.01 | | | |
| EZY-P-26.8 | 26.8 / 1.05 | | | |
| EZY-P-28.0 | 28.0 / 1.09 | | | |
| EZY-P-30.6 | 30.6 / 1.19 | 9.0 / 0.35 | 2.5 / 0.10 | 7.3 / 0.29 |
| EZY-P-31.4 | 31.4 / 1.22 | | | |
| EZY-P-36.5 | 36.5 / 1.42 | | | |
| EZY-P-42.4 | 42.4 / 1.65 | | | |
| EZY-P-43.3 | 43.3 / 1.69 | | | |
| EZY-P-45.5 | 45.5 / 1.77 | | | |

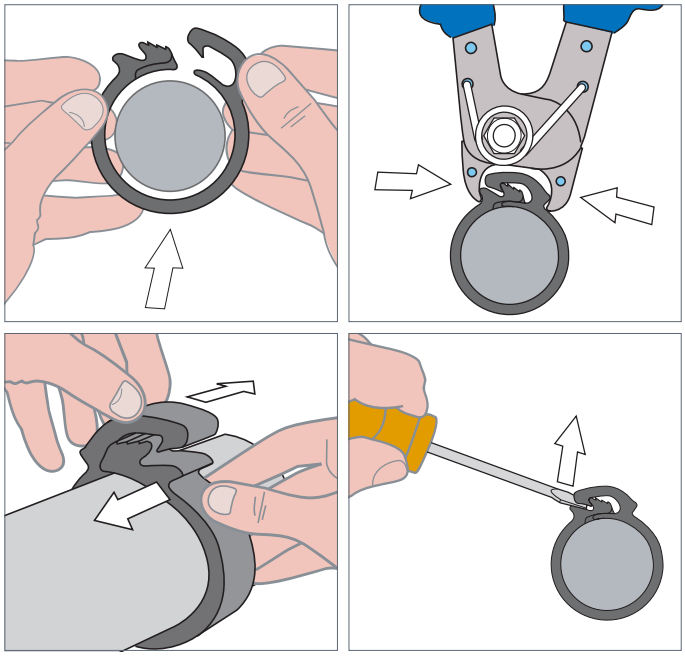
All weights, dimensions & quantities are subject to a ±2.5% tolerance.
To add material selection to the HCL Part No: for Nylon 6.6. Black, add "-PA66-BK".

# Ezyclik™

## Basic Facts

| | |
|---|---|
| Diameter Range | 8.5mm – 45.5mm |
| Operating Temperature – °C | PA66 (Nylon 6.6.) Max Long term 125°C (255°F) – Occasional Peak Temp 170°C (340°F)<br>PA66GF (Nylon 6.6 Glass Fillled) Max Long term Temp 150°C (300°F)<br>PP (Polypropylene) Max Long term Temp 60°C (140°F) – Occasional Peak Temp 99°C (195°F) |
| Specifications | RoHS compliant |
| Hazardous Goods | No |
| Flammability | PA66 (Nylon 6.6.) UL 94 V-2<br>PA66 (Nylon 6.6. Glass Filled) UL 94 HB |
| Standard Material | PA66 (Nylon 6.6.) –<br>On request PP (Polypropylene) & PA66GF (Nylon 6.6. Glass Filled) |
| Standard Colour | Black (other colours on request) |

## Fitting and Installation



## Installation and Removal Tools

Manual Fitting Tool

Pneumatic Tool

## Control Box

Developed exclusively for High volume production line installation HCL's Control Box offers the following features:

- HMI (Human Machine Interface) touch screen control
- Digital control of air pressure – to maintain a consistent tightening force
- Digital control of clamping time – to maintain a consistent tightening time
- Dry cycle detection (tool option) – Detects tool use without a clip being in place
- In process advisory information screens
- Batch and unit count control
- Supervisory control
- Adjustable orientation of the HMI screen

## Applications and Markets

Automotive

Medical

Hydromassage

Agricultural

White Goods