



## Ratchet O-Clamp

Compact, versatile fluid routing and electrical cable management.

**MADE FOR REAL** 

## Ratchet O-Clamp

**Join the Ratchet Clamp rev-O-lution.** Ever since HellermannTyton released the original, patented Ratchet P-Clamps in 2016, our engineers have extended the utility of the platform to additional applications.

Today, we bring you the robust Ratchet O-Clamp. Fully reimaged. Uniquely flexible. Exclusively HellermannTyton.

With a smaller footprint than our standard Ratchet Clamp, it's easier to deploy in tight spaces. Of course, it still includes our proprietary, adjustable closure for a range of routing sizes. Designed for fluid routing and high-voltage cable management, the Ratchet O-Clamps come with a thick TPE liner to secure metal and plastic tubing, or without the liner to hold rubber routings. The clamp can be easily reopened to service the routing.

With multiple mount options available, the configurable Ratchet O-Clamp reduces the investment cost of customized solutions, and speeds assembly operations, too.

Want the ratchet advantage? **Insist on HellermannTyton.**



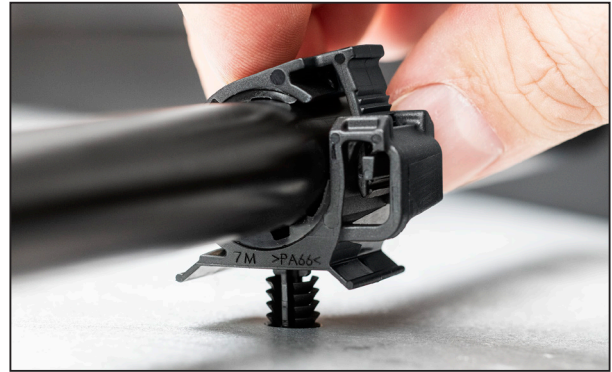
### Ratchet O-Clamps

#### Soft Grip Ratchet O-Clamps - Fir Tree Mount

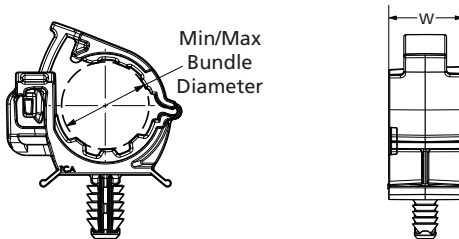
Designed for fluid routing and high-voltage cable management, the soft-grip Ratchet O-Clamp comes with a TPE liner to protect routings and keep them in position. An integrated fir tree provides a secure grip into round or oval mounting holes with no additional hardware. Developed for tight spaces, this clamp maintains a low profile while providing an adjustable grip for a range of bundle sizes.

#### Features and Benefits

- Soft TPE over-mold prevents axial slide/rotation and protects sensitive HV cables.
- Fir trees provide low insertion effort yet demonstrate high extraction resistance.
- Fine-pitch ratchet provides controlled grip for a range of pipe sizes with one part.
- Fully enclosed clamp prevents slip, crush and fallout under vacuum.
- Release feature opens by inserting a screwdriver, allowing the clamp to be reused or serviced without removing it from mounting surface.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Thermoplastic Elastomer (TPE)
<b>Operating Temperature</b>	-40°F to +221°F (-40°C to +105°C)
<b>Color</b>	Black (BK)



PART NO.	TYPE	Mounting Hole Dia. in. (mm)	Min. Bundle Diameter in. (mm)	Max. Bundle Diameter in. (mm)	Min. Tensile Strength lbs. (N)	Panel Thickness in. (mm)	Fixation Method	Width (W) in. (mm)	Pkg. Qty.
151-04075	SGROC15.5-20FT6.5	0.24 - 0.26 (hexagonal); 0.24 - 0.28 (6.1 - 6.6 (hexagonal), 6.1 - 7.0)	0.6 (15.5)	0.8 (20.0)	100 (445)	0.02 - 0.23 (0.6 - 6.0)	Fir Tree	0.8 (20.5)	1000
151-04077	SGROC15.5-20FT9X17	0.35 x 0.67 (9.0 x 17.0)	0.6 (15.5)	0.8 (20.0)	100 (445)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree	0.8 (20.5)	1000
151-04076	SGROC15.5-20FTOVAL	0.24 x 0.48; 0.26 x 0.49; 0.26 x 0.51; 0.28 x 0.47 (6.2 x 12.2, 6.5 x 12.5, 6.5 x 13.0, 7.0 x 12.0)	0.6 (15.5)	0.8 (20.0)	100 (445)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree	0.8 (20.5)	1000

Dimensions are approximate and subject to technical changes. Use Part No. for ordering and Type for specification purposes.

# Bundling and Securing

## Ratchet Clamps

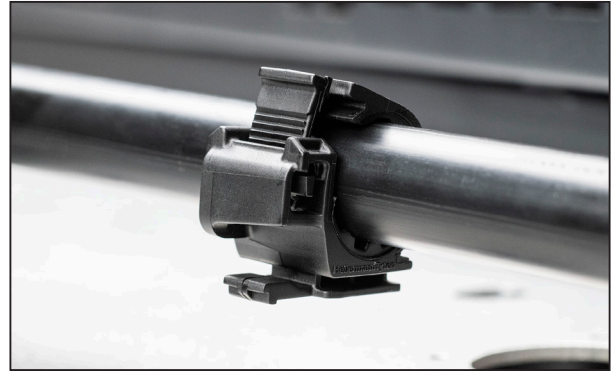
### Ratchet O-Clamps

#### Soft Grip Ratchet O-Clamps - Connector Clip

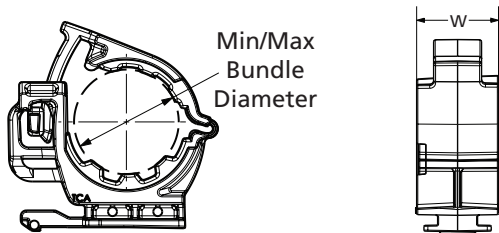
Designed for fluid routing and high-voltage cable management, the soft-grip Ratchet O-Clamp comes with a TPE liner to protect routings and keep them in position. HellermannTyton's connector clips provide a single method to mount connectors to various surfaces in a variety of applications. Clips can be paired with brackets for custom routing needs. Slot can be paired with any HellermannTyton standard USCAR17 connector clip mount. Developed for tight spaces, this clamp maintains a low profile while providing an adjustable grip for a range of bundle sizes.

#### Features and Benefits

- Soft TPE over-mold prevents axial slide/rotation and protects sensitive HV cables.
- Fine-pitch ratchet provides controlled grip for a range of pipe sizes with one part.
- Fully enclosed clamp prevents slip, crush and fallout under vacuum.
- Release feature opens by inserting a screwdriver, allowing the clamp to be reused or serviced without removing it from mounting surface.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Thermoplastic Elastomer (TPE)
<b>Operating Temperature</b>	-40°F to +221°F (-40°C to +105°C)
<b>Color</b>	Black (BK)



PART NO.	TYPE	Min. Bundle Diameter in. (mm)	Max. Bundle Diameter in. (mm)	Min. Tensile Strength lbs. (N)	Connection Type	Fixation Method	Width (W) in. (mm)	Pkg. Qty.
151-04074	SGROC15.5-20CLIP17	0.6 (15.5)	0.8 (20.0)	100 (445)	USCAR17	Connector Clip	0.8 (20.5)	1000
151-04073	SGROC15.5-20SLOT17	0.6 (15.5)	0.8 (20.0)	100 (445)	USCAR17	Connector Clip	1.0 (25.5)	1000

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### Ratchet O-Clamps

#### Ratchet O-Clamps - Fir Tree Mount

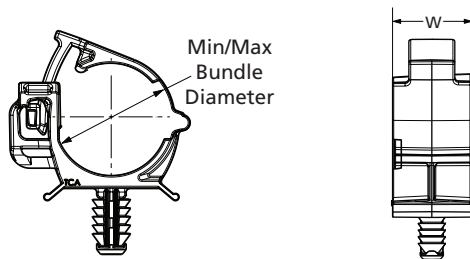
The Ratchet O-Clamp is designed for tight spaces, maintaining a low profile while providing an adjustable closure for a range of bundle sizes. An integrated fir tree provides a secure grip into round or oval mounting holes with no additional hardware.

#### Features and Benefits

- Fine-pitch ratchet provides controlled grip for a range of pipe sizes with one part.
- Fir trees provide low insertion effort yet demonstrate high extraction resistance.
- Release feature opens by inserting a screwdriver, allowing the clamp to be reused or serviced without removing it from mounting surface.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV)
<b>Operating Temperature</b>	-40°F to +221°F (-40°C to +105°C)
<b>Color</b>	Black (BK)



PART NO.	TYPE	Mounting Hole Dia. in. (mm)	Min. Bundle Diameter in. (mm)	Max. Bundle Diameter in. (mm)	Min. Tensile Strength lbs. (N)	Panel Thickness in. (mm)	Fixation Method	Width (W) in. (mm)	Pkg. Qty.
151-04351	ROC18.5-22.5FT6.5	0.24 - 0.26 (hexagonal); 0.24 - 0.28 (6.1 - 6.6 (hexagonal), 6.1 - 7.0)	0.7 (18.5)	0.9 (22.5)	100 (445)	0.02 - 0.23 (0.6 - 6.0)	Fir Tree	0.8 (20.5)	1000
151-04353	ROC18.5-22.5FT9X17	0.35 x 0.67 (9.0 x 17.0)	0.7 (18.5)	0.9 (22.5)	100 (445)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree	0.8 (20.5)	1000
151-04352	ROC18.5-22.5FTOVAL	0.24 x 0.48; 0.26 x 0.49; 0.26 x 0.51; 0.28 x 0.47 (6.2 x 12.2, 6.5 x 12.5, 6.5 x 13.0, 7.0 x 12.0)	0.7 (18.5)	0.9 (22.5)	100 (445)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree	0.8 (20.5)	1000

Dimensions are approximate and subject to technical changes. Use Part No. for ordering and Type for specification purposes.

# Bundling and Securing

## Ratchet Clamps

### Ratchet O-Clamps

#### Ratchet O-Clamps - Connector Clip

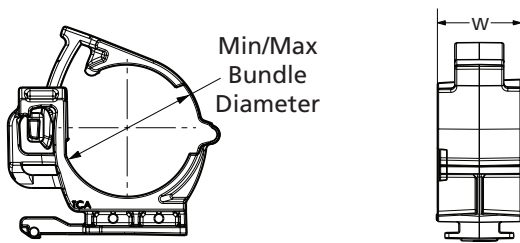
The Ratchet O-Clamp is designed for tight spaces, maintaining a low profile while providing an adjustable closure for a range of bundle sizes. HellermannTyton's connector clips provide a single method to mount connectors to various surfaces in a variety of applications. Clips can be paired with brackets for custom routing needs. Slot can be paired with any HellermannTyton standard USCAR17 connector clip mount.

#### Features and Benefits

- Fine-pitch ratchet provides controlled grip for a range of pipe sizes with one part.
- Options include a connector clip slot or an integrated mount.
- Release feature opens by inserting a screwdriver, allowing the clamp to be reused or serviced without removing it from mounting surface.

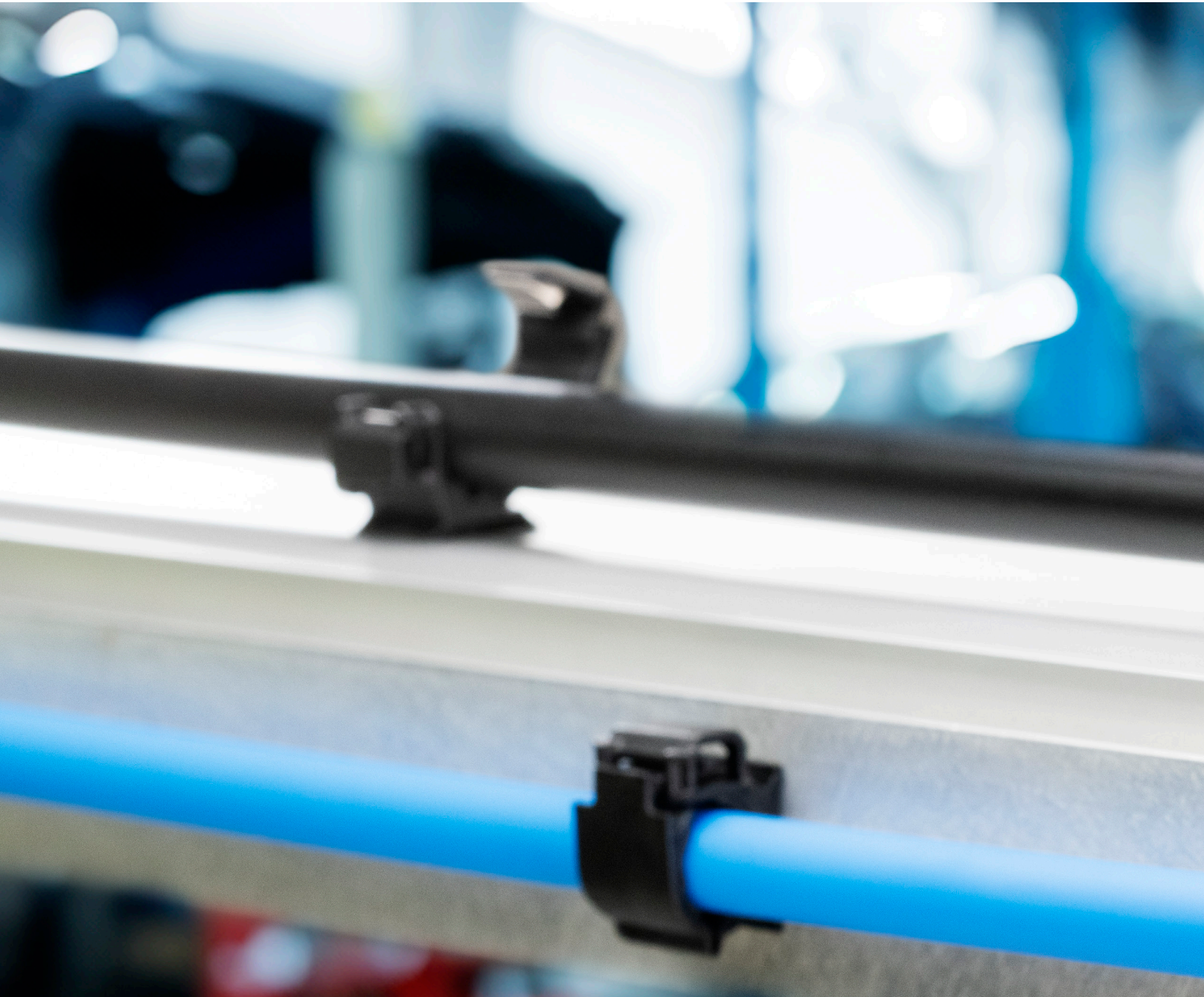


<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV)
<b>Operating Temperature</b>	-40°F to +221°F (-40°C to +105°C)
<b>Color</b>	Black (BK)



PART NO.	TYPE	Min. Bundle Diameter in. (mm)	Max. Bundle Diameter in. (mm)	Min. Tensile Strength lbs. (N)	Connection Type	Fixation Method	Width (W) in. (mm)	Pkg. Qty.
151-04350	ROC18.5-22.5CLIP17	0.7 (18.5)	0.9 (22.5)	100 (445)	USCAR17	Connector Clip	0.8 (20.5)	1000
151-04349	ROC18.5-22.5SLOT17	0.7 (18.5)	0.9 (22.5)	100 (445)	USCAR17	Connector Clip	1.0 (25.5)	1000

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***ISO 9001 certified***

**Warranty Policy** – HellermannTyton products are warranted to be free from defects in material and workmanship at the time sold by us; but our obligation under this warranty and that of the seller is limited to the replacement of the product, and neither we nor the seller are bound by any other warranty, expressed, implied or statutory. Under no circumstances are we or the seller liable for any loss, damage, expenses or consequential damages of any kind arising out of the use or inability to use these products. All are sold with the understanding that the user will test them in actual use and determine their adaptability for the intended uses.