



Ratchet P-Clamp

Rugged Bundle Management for Heavy Duty Applications



Rugged bundle management for heavy duty applications



## Welcome to the one-of-a-kind Ratchet P-Clamp product family

Ratchet P-Clamps provide installers and MROs with an innovative wire bundling solution. At the core of the RPC is an adjustable ratchet clamp mechanism that clicks as it closes around a bundle, providing assurance it perfectly fits the bundle diameter and is locked down. The clamp is mated with a metal stamping or an inline mounting fixture.

A release feature allows easy and nondestructive removal of cables simply by using a flat-head screwdriver. That way, the clamp can be reused or serviced without removing it from the mounting surface.

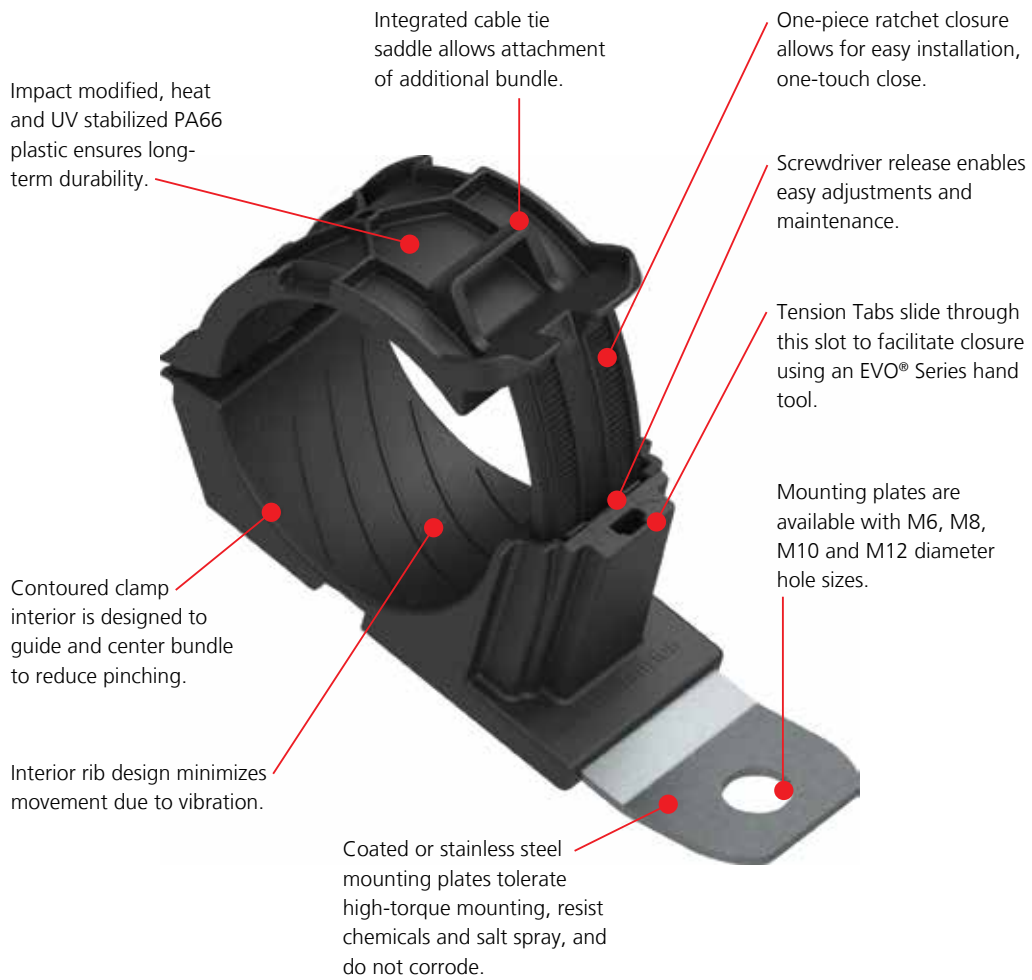
Use this brochure to learn about:

- Multiple sizes and configurations that reduce part count yet provide more bundling and routing flexibility.
- Offset and inline choices to provide multiple attachment options.
- Material specifications that meet any application in any environment.

Bottom line: Ratchet P-Clamp creatively solves the toughest wire bundling challenges in machine, heavy equipment, automotive, construction and solar installations.



# Ratchet P-Clamp Features



RCA Series



RCB Series



RCC Series



RCD Series



RCF Series

## Inline Ratchet P-Clamp Features



Designed to adapt to more applications



## Versatile

Working with a mix of wires and cable sizes? Want to route multiple bundles in parallel? Need to navigate around obstructions? Go offset or inline, angled or straight. Ratchet P-Clamp will secure a range of cables without changing any other part of your cable routing and management strategy.



### Self-mounting

Eliminate the need for a bolt or screw by specifying an Inline RPC with fir tree on your project. Choose this oval fir tree to prevent rotation, or select the round fir tree for round holes.



### Universal

Name the application – the Ratchet P-Clamp goes anywhere from over the engine to under the chassis ... from a rail yard to a machine shop ... or from a solar farm in Death Valley to an electrical tower in International Falls, Minnesota.



### No bracket required

With the many fabricated Ratchet P-Clamp design options, installers can take advantage of creative bundling, routing and securing with a single component. Solve installation challenges quickly and securely. Nothing stands in the way when you've got the RPC family of fasteners.



### No mounting hole needed

Enjoy the many capabilities of the Ratchet P-Clamp, even along surfaces that have no predrilled holes. The adhesive base on this Inline RPC provides a nondestructive method of getting the job done and saves time in the process.

We engineered the hassle out of using P-clamps





## Ease of Use

No more struggling with grommets and multi-piece designs that are difficult to handle. No more unscrewing or prying open the clamp when you need to reposition or change out the bundle. The Ratchet P-Clamp opens and closes as needed and while firmly fastened to the application surface. Our Inline RPC even includes the mount for true, one-handed installation.



### One-piece design – one-touch secure

Our one-piece, solid-body design clicks as it closes to let you know it's secure. You'll never have to put a clamp in place and struggle to mount it while holding the pieces together around the bundle.



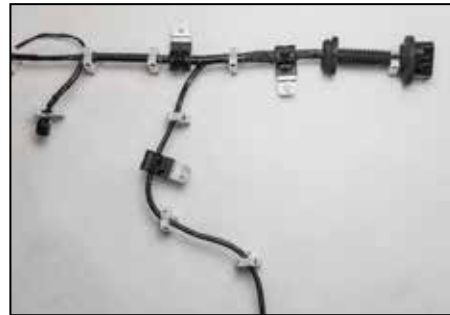
### Effortless clamp release

Ever have to unscrew and remove a metal P-clamp to access the bundle? That's a lot of work. With RPC, simply insert a flat blade screwdriver between the locking rails to open it without removing the mounting hardware.



### Precision tensioning in an instant

Need to apply an exact amount of force onto your bundle? Insert our Tension Tab and use an EVO® Series hand tool to close the clamp. Tensioning is fully adjustable, and the tool automatically cuts off the excess tab material.



### Pre-install to get ahead

Attach Ratchet P-Clamps along wire harnesses to pre-assemble them before taking the next step. Or, mount RPCs to the work surface first, then bring over the harness. You'll streamline the process and add production line workflow flexibility.

Designed for better control



## Alignment

The clamp area is independent from the mounting point, so installers can pre-mount the RPC to surfaces or pre-assemble the clamp onto wire harnesses. The advantages? Greater routing control and higher efficiencies that drive productivity and profitability.



### Do it all with less

Bundle, secure and route with one part. Ratchet P-Clamps control routings any way you need. By combining multiple clamps with one mounting screw, parallel alignment is easy.



### One clamp, two routings

When developing the RPC, some customers told us their electrical runs sometimes need to be secured adjacent to other bundles. That inspired us to add the integrated cable tie saddle for parallel routing.



### Contoured clamp interior

The contoured interior helps to position and center cables or bundles as the clamp closes, minimizing pinching and the associated rework caused by damage to wires.



Traditional P-clamps move and twist when torqued down. When pre-assembled onto a bundle, they resist sliding and adjustment if the installer needs to move the clamp closer to the mounting hole. RPCs can be pre-installed at the desired tension, and tightening a mounting bolt has no effect on the bundle.

The world can be tough – RPC is tougher



## Durability

Ratchet P-Clamp is engineered from impact modified, heat and UV stabilized PA66 for heavy duty applications indoors or out. It also carries the UL Listed designation, attesting to its high level of quality and reliability. In solar applications, UL Listed components streamline the inspection process.



### Robust clamp material

Impact modified, heat and UV stabilized PA66 material clamp survives chemicals and extreme environments. Plastic won't abrade cables and hoses like metal P-clamps can. There's no coating to wear off, and the rugged living hinge can be opened and closed more times than any typical application demands.



### Heavy duty base

The stamped mounting plate is treated to resist chemicals and has a coating that meets RoHS specifications for environmental factors. The hardened steel withstands high torque bolt installation. Choose tough, zinc plated steel or stainless steel for superior corrosion resistance, including use with dissimilar metals.



### Tough, built-in mounting

Fir trees on our Inline Ratchet P-Clamps are engineered to provide some of the lowest insertion force requirements while delivering high extraction resistance.



### Strong bond

Our adhesive-mount RPC uses 3M™ VHB™ (Very High Bond) adhesive to non-destructively join the clamp to an application surface. 3M's material instantly holds the clamp in place and the bond grows stronger over time.

*3M and VHB are trademarks of 3M Company.*

# Ratchet P-Clamp Family at a Glance



Size A



Size B



Size C



Size D



Size F



180° Short



180° Medium



180° Long



15° Short



30° Short



30° Long



90° Short



90° Long



Oval 7 x 12 mm



Oval 9 x 17 mm



Round 6.5 mm



Round 9 mm

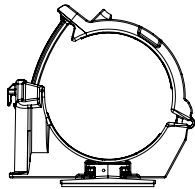


Self-Adhesive

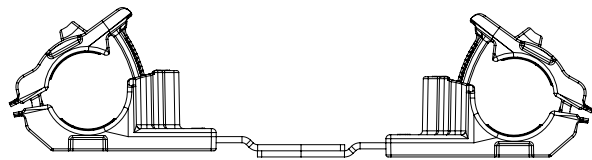
## Multiple options



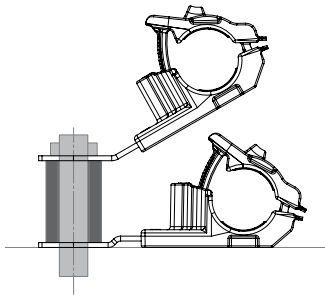
The wiring schemes in heavy duty applications become increasingly complex with each passing year. Using a single mounting point, you can combine our metal mounting plate Ratchet P-Clamps to match the number, position and diameters of your wires or bundles. Where an application has few mounting holes available, use a mix of hole-mountable RPCs and adhesive base models where extra support is needed.



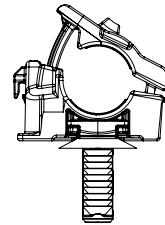
Where no hole exists, or drilling is undesirable, select the Ratchet P-Clamp with adhesive mount. It's a convenient solution you won't find with traditional metal P-clamps.



Ratchet P-Clamp mounting plates are shaped to allow face-to-face positioning. By using different length mounting plates, you can vary the distance between bundles and take advantage of the optimal routing path.



Add a spacer between Ratchet P-Clamps to speed installation and maintenance of stacked wire bundles.



Some of our In-line Ratchet P-Clamps feature fir tree mounts. An all-in-one solution, they can be inserted into new or existing mounting holes with no additional hardware.



## Reduce and simplify



Multi-part P-clamps are a hassle to use, and keeping a stocked inventory is near impossible. Brackets are an old-fashioned solution, too, adding steps to what should be a simple process. One Ratchet P-Clamp can consolidate multiple parts, simplify manual processes and significantly reduce labor costs.



- ◀ One-piece assembly.
  - ▶ Five-piece assembly.
- ◀ Simple maintenance – clamp can be opened and closed without removal.
  - ▶ Lengthy and difficult maintenance that requires clamp removal.
- ◀ One RPC can adjust to a range of bundle sizes.
  - ▶ Multiple P-clamps needed for a range of bundle sizes.
- ◀ Pre-assemble onto harness or work surface to optimize workflow.
  - ▶ Pre-assembly onto harness is difficult; pre-assembly onto work surface is impossible.



# Bundling and Securing

## Clamps

### Ratchet P-Clamps

#### Size A - For bundle diameters from ¼" to ½" (6.2 mm to 13.7 mm)

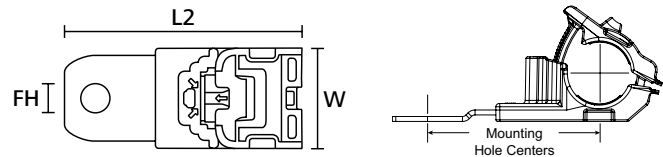
The Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The one-piece adjustable clamp can be closed by hand to the desired diameter. The release feature provides easy and nondestructive removal of cables simply by using a flat-head screwdriver. This nondestructive release allows the clamp to be reused without removing or replacing any bolts or screws.

#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- Zinc-plated steel mounting plate tolerates high torque and is treated to resist chemicals and salt spray.
- Straight, 180° mounting plate is ideal for applications requiring a flush mount set off from the mounting hole.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Steel (ST), Zinc plated (ZN)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)





PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01670*	RCA180SM6	180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.26 (6.5)	5	
151-03035*		180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.26 (6.5)	30	
151-01637*		180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.26 (6.5)	300	
151-03036*	RCA180SM8	180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.33 (8.3)	30	
151-01416*		180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.33 (8.3)	300	
151-01417*	RCA180SM10	180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.41 (10.3)	300	
151-01418*	RCA180SM12	180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.51 (13.0)	300	

Dimensions are approximate and subject to technical changes. Use Part No. for ordering and Type for specification purposes.  
 \*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)

### Ratchet P-Clamps

Size A - For bundle diameters from ¼" to ½" (6.2 mm to 13.7 mm)

PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01638*	RCA180MM6	180 ° Medium	4.1 (105.1)	1.4 (34.9)	100.0 (445.0)	2.9 (72.5)	0.26 (6.5)	200	
151-01419*	RCA180MM8	180 ° Medium	4.1 (105.1)	1.4 (34.9)	100.0 (445.0)	2.9 (72.5)	0.33 (8.3)	200	
151-01420*	RCA180MM10	180 ° Medium	4.1 (105.1)	1.4 (34.9)	100.0 (445.0)	2.9 (72.5)	0.41 (10.3)	200	
151-01421*	RCA180MM12	180 ° Medium	4.1 (105.1)	1.4 (34.9)	100.0 (445.0)	2.9 (72.5)	0.51 (13.0)	200	
151-01639*	RCA180LM6	180 ° Long	5.3 (134.1)	1.4 (34.9)	100.0 (445.0)	4.0 (101.5)	0.26 (6.5)	200	
151-01422*	RCA180LM8	180 ° Long	5.3 (134.1)	1.4 (34.9)	100.0 (445.0)	4.0 (101.5)	0.33 (8.3)	200	
151-01423*	RCA180LM10	180 ° Long	5.3 (134.1)	1.4 (34.9)	100.0 (445.0)	4.0 (101.5)	0.41 (10.3)	200	
151-01424*	RCA180LM12	180 ° Long	5.3 (134.1)	1.4 (34.9)	100.0 (445.0)	4.0 (101.5)	0.51 (13.0)	200	

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# Bundling and Securing

## Clamps

### Angled Ratchet P-Clamps

#### Size A - For bundle diameters from ¼" to ½" (6.2 mm to 13.7 mm)

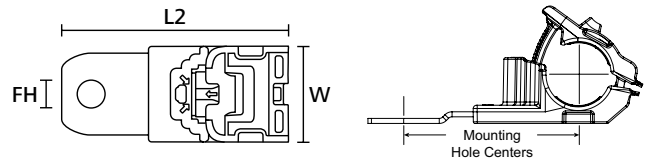
The Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The one-piece adjustable clamp can be closed by hand to the desired diameter. The release feature provides easy and nondestructive removal of cables simply by using a flat-head screwdriver. This nondestructive release allows the clamp to be reused without removing or replacing any bolts or screws.

#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- Zinc-plated steel mounting plate tolerates high torque and is treated to resist chemicals and salt spray.
- Angled mounting plates are ideal for stacking RPCs or for avoiding obstructions or heat sources.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Steel (ST), Zinc plated (ZN)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)



PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01640*	RCA15SM6	15 ° Short	3.4 (86.9)	1.4 (34.9)	100.0 (445.0)	2.2 (54.7)	0.26 (6.5)	300	
151-01425*	RCA15SM8	15 ° Short	3.4 (86.9)	1.4 (34.9)	100.0 (445.0)	2.2 (54.7)	0.33 (8.3)	300	
151-01426*	RCA15SM10	15 ° Short	3.4 (86.9)	1.4 (34.9)	100.0 (445.0)	2.2 (54.7)	0.41 (10.3)	300	
151-01427*	RCA15SM12	15 ° Short	3.4 (86.9)	1.4 (34.9)	100.0 (445.0)	2.2 (54.7)	0.51 (13.0)	300	

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### Angled Ratchet P-Clamps

Size A - For bundle diameters from ¼" to ½" (6.2 mm to 13.7 mm)

PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01641*	RCA30SM6	30 ° Short	3.1 (78.5)	1.4 (34.9)	100.0 (445.0)	1.9 (47.7)	0.26 (6.5)	300	
151-01428*	RCA30SM8	30 ° Short	3.1 (78.5)	1.4 (34.9)	100.0 (445.0)	1.9 (47.7)	0.33 (8.3)	300	
151-01429*	RCA30SM10	30 ° Short	3.1 (78.5)	1.4 (34.9)	100.0 (445.0)	1.9 (47.7)	0.41 (10.3)	300	
151-01430*	RCA30SM12	30 ° Short	3.1 (78.5)	1.4 (34.9)	100.0 (445.0)	1.9 (47.7)	0.51 (13.0)	300	
151-01642*	RCA30LM6	30 ° Long	4.1 (103.2)	1.4 (34.9)	100.0 (445.0)	2.9 (72.4)	0.26 (6.5)	200	
151-01431*	RCA30LM8	30 ° Long	4.1 (103.2)	1.4 (34.9)	100.0 (445.0)	2.9 (72.4)	0.33 (8.3)	200	
151-01432*	RCA30LM10	30 ° Long	4.1 (103.2)	1.4 (34.9)	100.0 (445.0)	2.9 (72.4)	0.41 (10.3)	200	
151-01433*	RCA30LM12	30 ° Long	4.1 (103.2)	1.4 (34.9)	100.0 (445.0)	2.9 (72.4)	0.51 (13.0)	200	
151-01643*	RCA90SM6	90 ° Short	2.7 (68.8)	1.4 (34.9)	100.0 (445.0)	1.0 (24.9)	0.26 (6.5)	300	
151-01434*	RCA90SM8	90 ° Short	2.7 (68.8)	1.4 (34.9)	100.0 (445.0)	1.0 (24.9)	0.33 (8.3)	300	
151-01435*	RCA90SM10	90 ° Short	2.7 (68.8)	1.4 (34.9)	100.0 (445.0)	1.0 (24.9)	0.41 (10.3)	300	
151-01436*	RCA90SM12	90 ° Short	2.7 (68.8)	1.4 (34.9)	100.0 (445.0)	1.0 (24.9)	0.51 (13.0)	300	
151-01644*	RCA90LM6	90 ° Long	3.8 (96.8)	1.4 (34.9)	100.0 (445.0)	1.0 (24.9)	0.26 (6.5)	200	
151-01437*	RCA90LM8	90 ° Long	3.8 (96.8)	1.4 (34.9)	100.0 (445.0)	1.0 (24.9)	0.33 (8.3)	200	
151-01438*	RCA90LM10	90 ° Long	3.8 (96.8)	1.4 (34.9)	100.0 (445.0)	1.0 (24.9)	0.41 (10.3)	200	
151-01439*	RCA90LM12	90 ° Long	3.8 (96.8)	1.4 (34.9)	100.0 (445.0)	1.0 (24.9)	0.51 (13.0)	200	

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# Bundling and Securing

## Clamps

### Ratchet P-Clamps

#### Size B - For bundle diameters from ½" to ¾" (12.7 mm to 19.5 mm)

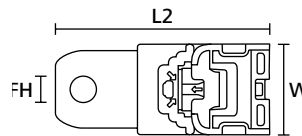
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#### Features and Benefits

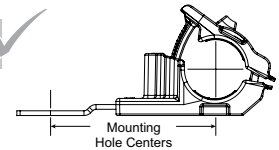
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<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)



**RoHS** ✓



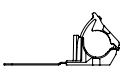
PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01671*	RCB180SM6	180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.1 (52.8)	0.26 (6.5)	5	
151-03038*		180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.1 (52.8)	0.26 (6.5)	20	
151-01645*		180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.1 (52.8)	0.26 (6.5)	280	
151-03039*	RCB180SM8	180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.1 (52.8)	0.33 (8.3)	20	
151-01440*		180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.1 (52.8)	0.33 (8.3)	280	
151-03037*	RCB180SM10	180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.1 (52.8)	0.41 (10.3)	20	
151-01390*		180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.1 (52.8)	0.41 (10.3)	280	
151-01441*	RCB180SM12	180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.1 (52.8)	0.51 (13.0)	280	
151-01646*	RCB180MM6	180 ° Medium	4.1 (105.1)	1.4 (34.9)	100.0 (445.0)	2.9 (74.8)	0.26 (6.5)	200	
151-01442*	RCB180MM8	180 ° Medium	4.1 (105.1)	1.4 (34.9)	100.0 (445.0)	2.9 (74.8)	0.33 (8.3)	200	
151-01443*	RCB180MM10	180 ° Medium	4.1 (105.1)	1.4 (34.9)	100.0 (445.0)	2.9 (74.8)	0.41 (10.3)	200	
151-01444*	RCB180MM12	180 ° Medium	4.1 (105.1)	1.4 (34.9)	100.0 (445.0)	2.9 (74.8)	0.51 (13.0)	200	

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### Ratchet P-Clamps

Size B - For bundle diameters from ½" to ¾" (12.7 mm to 19.5 mm)

PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01647*	RCB180LM6	180 ° Long	5.3 (134.1)	1.4 (34.9)	100.0 (445.0)	4.1 (103.8)	0.26 (6.5)	200	
151-01445*	RCB180LM8	180 ° Long	5.3 (134.1)	1.4 (34.9)	100.0 (445.0)	4.1 (103.8)	0.33 (8.3)	200	
151-01446*	RCB180LM10	180 ° Long	5.3 (134.1)	1.4 (34.9)	100.0 (445.0)	4.1 (103.8)	0.41 (10.3)	200	
151-01447*	RCB180LM12	180 ° Long	5.3 (134.1)	1.4 (34.9)	100.0 (445.0)	4.1 (103.8)	0.51 (13.0)	200	

Dimensions are approximate and subject to technical changes. Use Part No. for ordering and Type for specification purposes.  
\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)



Please note - not all products listed on this page may have this approval. Please see [www.HellermannTyton.com](http://www.HellermannTyton.com) for the latest approvals.

### Ratchet P-Clamps

Size B - Series 6 RPC Hanger for bundle diameters from ½" to ¾" (12.7 mm to 19.5 mm)

The Series 6 Ratchet P-Clamp Solar Hanger offers one-handed, toolless simplicity and size versatility for managing wires and cables on First Solar modules. The robust design and solar-optimized materials make it ideal for heavy duty, outdoor applications. The one-piece adjustable clamp can be closed by hand to the desired diameter, replacing multiple sizes of fixed diameter fasteners. The integrated release feature enables easy and nondestructive removal of cables by inserting a flat-head screwdriver. This allows the clamp to be reused without removing it.

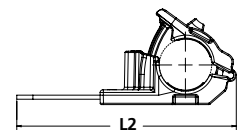
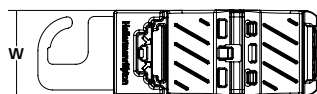


#### Features and Benefits

- Impact modified, heat and UV stabilized PA66 provides long-term durability in solar applications.
- One-piece ratchet closure design allows for easy installation during pre- or final assembly.
- Release feature allows for quick adjustments and maintenance.
- First Solar specific steel mounting hanger tolerates high torque and is treated to resist chemicals.

<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Zinc plated (ZN)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)

RoHS 



PART NO.	TYPE	Min. Bundle Diameter in. (mm)	Max. Bundle Diameter in. (mm)	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Dia. in. (mm)	Pkg. Qty.
151-02875*	RCBHANGER	0.5 (12.7)	0.77 (19.5)	3.2 (81.7)	1.4 (34.9)	100.0 (445.0)	0.22 (5.6)	280

Dimensions are approximate and subject to technical changes. Use Part No. for ordering and Type for specification purposes.  
\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)

# Bundling and Securing

## Clamps

### Angled Ratchet P-Clamps

#### Size B - For bundle diameters from ½" to ¾" (12.7 mm to 19.5 mm)

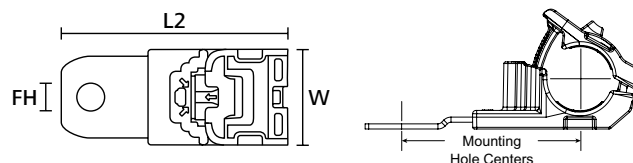
The Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The one-piece adjustable clamp can be closed by hand to the desired diameter. The release feature provides easy and nondestructive removal of cables simply by using a flat-head screwdriver. This nondestructive release allows the clamp to be reused without removing or replacing any bolts or screws.

#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- Zinc-plated steel mounting plate tolerates high torque and is treated to resist chemicals and salt spray.
- Angled mounting plates are ideal for stacking RPCs or for avoiding obstructions or heat sources.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Steel (ST), Zinc plated (ZN)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)



PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01648*	RCB15SM6	15 ° Short	3.4 (86.9)	1.4 (34.9)	100.0 (445.0)	2.2 (56.5)	0.26 (6.5)	280	
151-01448*	RCB15SM8	15 ° Short	3.4 (86.9)	1.4 (34.9)	100.0 (445.0)	2.2 (56.5)	0.33 (8.3)	280	
151-01449*	RCB15SM10	15 ° Short	3.4 (86.9)	1.4 (34.9)	100.0 (445.0)	2.2 (56.5)	0.41 (10.3)	280	
151-01450*	RCB15SM12	15 ° Short	3.4 (86.9)	1.4 (34.9)	100.0 (445.0)	2.2 (56.5)	0.51 (13.0)	280	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)



## Angled Ratchet P-Clamps

Size B - For bundle diameters from ½" to ¾" (12.7 mm to 19.5 mm)

PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01649*	RCB30SM6	30 ° Short	3.1 (78.5)	1.4 (34.9)	100.0 (445.0)	1.9 (48.8)	0.26 (6.5)	280	
151-01451*	RCB30SM8	30 ° Short	3.1 (78.5)	1.4 (34.9)	100.0 (445.0)	1.9 (48.8)	0.33 (8.3)	280	
151-01452*	RCB30SM10	30 ° Short	3.1 (78.5)	1.4 (34.9)	100.0 (445.0)	1.9 (48.8)	0.41 (10.3)	280	
151-01453*	RCB30SM12	30 ° Short	3.1 (78.5)	1.4 (34.9)	100.0 (445.0)	1.9 (48.8)	0.51 (13.0)	280	
151-01650*	RCB30LM6	30 ° Long	4.1 (103.2)	1.4 (34.9)	100.0 (445.0)	2.9 (73.5)	0.26 (6.5)	200	
151-01454*	RCB30LM8	30 ° Long	4.1 (103.2)	1.4 (34.9)	100.0 (445.0)	2.9 (73.5)	0.33 (8.3)	200	
151-01455*	RCB30LM10	30 ° Long	4.1 (103.2)	1.4 (34.9)	100.0 (445.0)	2.9 (73.5)	0.41 (10.3)	200	
151-01456*	RCB30LM12	30 ° Long	4.1 (103.2)	1.4 (34.9)	100.0 (445.0)	2.9 (73.5)	0.51 (13.0)	200	
151-01651*	RCB90SM6	90 ° Short	2.7 (68.8)	1.4 (34.9)	100.0 (445.0)	1.1 (26.7)	0.26 (6.5)	280	
151-01457*	RCB90SM8	90 ° Short	2.7 (68.8)	1.4 (34.9)	100.0 (445.0)	1.1 (26.7)	0.33 (8.3)	280	
151-01458*	RCB90SM10	90 ° Short	2.7 (68.8)	1.4 (34.9)	100.0 (445.0)	1.1 (26.7)	0.41 (10.3)	280	
151-01459*	RCB90SM12	90 ° Short	2.7 (68.8)	1.4 (34.9)	100.0 (445.0)	1.1 (26.7)	0.51 (13.0)	280	
151-01652*	RCB90LM6	90 ° Long	3.8 (96.8)	1.4 (34.9)	100.0 (445.0)	1.1 (26.7)	0.26 (6.5)	200	
151-01460*	RCB90LM8	90 ° Long	3.8 (96.8)	1.4 (34.9)	100.0 (445.0)	1.1 (26.7)	0.33 (8.3)	200	
151-01461*	RCB90LM10	90 ° Long	3.8 (96.8)	1.4 (34.9)	100.0 (445.0)	1.1 (26.7)	0.41 (10.3)	200	
151-01462*	RCB90LM12	90 ° Long	3.8 (96.8)	1.4 (34.9)	100.0 (445.0)	1.1 (26.7)	0.51 (13.0)	200	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)



Please note - not all products listed on this page may have this approval. Please see [www.HellermannTyton.com](http://www.HellermannTyton.com) for the latest approvals.

# Bundling and Securing

## Clamps

### Ratchet P-Clamps

#### Size C - For bundle diameters from 3/4" to 1 3/8" (19.4 mm to 36.0 mm)

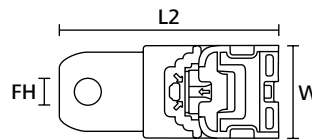
The Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The one-piece adjustable clamp can be closed by hand to the desired diameter. The release feature provides easy and nondestructive removal of cables simply by using a flat-head screwdriver. This nondestructive release allows the clamp to be reused without removing or replacing any bolts or screws.

#### Features and Benefits

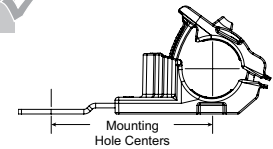
- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- Zinc-plated steel mounting plate tolerates high torque and is treated to resist chemicals and salt spray.
- Straight, 180° mounting plate is ideal for applications requiring a flush mount set off from the mounting hole.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Steel (ST), Zinc plated (ZN)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)



RoHS ✓



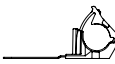
PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01672*	RCC180SM6	180 ° Short	4.1 (103.0)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.26 (6.5)	3	
151-03041*		180 ° Short	4.1 (103.0)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.26 (6.5)	20	
151-01653*		180 ° Short	4.1 (103.0)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.26 (6.5)	160	
151-01474*	RCC180SM8	180 ° Short	4.1 (103.0)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.33 (8.3)	160	
151-03040*	RCC180SM10	180 ° Short	4.1 (103.0)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.41 (10.3)	20	
151-01475*		180 ° Short	4.1 (103.0)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.41 (10.3)	160	
151-01476*	RCC180SM12	180 ° Short	4.1 (103.0)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.51 (13.0)	160	
151-01654*	RCC180MM6	180 ° Medium	4.9 (125.0)	1.4 (34.9)	100.0 (445.0)	3.3 (84.3)	0.26 (6.5)	140	
151-01477*	RCC180MM8	180 ° Medium	4.9 (125.0)	1.4 (34.9)	100.0 (445.0)	3.3 (84.3)	0.33 (8.3)	140	
151-01478*	RCC180MM10	180 ° Medium	4.9 (125.0)	1.4 (34.9)	100.0 (445.0)	3.3 (84.3)	0.41 (10.3)	140	
151-01479*	RCC180MM12	180 ° Medium	4.9 (125.0)	1.4 (34.9)	100.0 (445.0)	3.3 (84.3)	0.51 (13.0)	140	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)

### Ratchet P-Clamps

Size C - For bundle diameters from 3/4" to 1 3/8" (19.4 mm to 36.0 mm)

PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01655*	RCC180LM6	180 ° Long	6.1 (154.0)	1.4 (34.9)	100.0 (445.0)	4.5 (113.3)	0.26 (6.5)	140	
151-01480*	RCC180LM8	180 ° Long	6.1 (154.0)	1.4 (34.9)	100.0 (445.0)	4.5 (113.3)	0.33 (8.3)	140	
151-01481*	RCC180LM10	180 ° Long	6.1 (154.0)	1.4 (34.9)	100.0 (445.0)	4.5 (113.3)	0.41 (10.3)	140	
151-01482*	RCC180LM12	180 ° Long	6.1 (154.0)	1.4 (34.9)	100.0 (445.0)	4.5 (113.3)	0.51 (13.0)	140	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)



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### Ratchet P-Clamps

Size C - Series 6 RPC Hanger for bundle diameters from 3/4" to 1 3/8" (19.4 mm to 36.0 mm)

The Series 6 Ratchet P-Clamp Solar Hanger offers one-handed, toolless simplicity and size versatility for managing wires and cables on First Solar modules. The robust design and solar-optimized materials make it ideal for heavy duty, outdoor applications. The one-piece adjustable clamp can be closed by hand to the desired diameter, replacing multiple sizes of fixed diameter fasteners. The integrated release feature enables easy and nondestructive removal of cables by inserting a flat-head screwdriver. This allows the clamp to be reused without removing it.

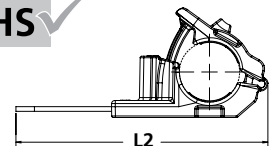
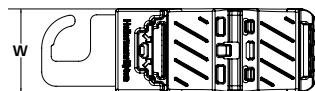


#### Features and Benefits

- Impact modified, heat and UV stabilized PA66 provides long-term durability in solar applications.
- One-piece ratchet closure design allows for easy installation during pre- or final assembly.
- Release feature allows for quick adjustments and maintenance.
- First Solar specific steel mounting hanger tolerates high torque and is treated to resist chemicals.

<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Zinc plated (ZN)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)

RoHS 



PART NO.	TYPE	Min. Bundle Diameter in. (mm)	Max. Bundle Diameter in. (mm)	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Dia. in. (mm)	Pkg. Qty.
151-03057	RCCHANGER	0.76 (19.4)	1.42 (36.0)	4.0 (101.7)	1.4 (34.9)	100.0 (445.0)	0.22 (5.6)	160

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

\*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)

# Bundling and Securing

## Clamps

### Angled Ratchet P-Clamps

#### Size C - For bundle diameters from 3/4" to 1 3/8" (19.4 mm to 36.0 mm)

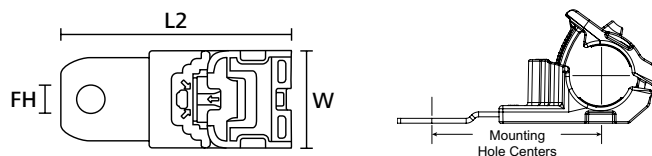
The Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The one-piece adjustable clamp can be closed by hand to the desired diameter. The release feature provides easy and nondestructive removal of cables simply by using a flat-head screwdriver. This nondestructive release allows the clamp to be reused without removing or replacing any bolts or screws.

#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- Zinc-plated steel mounting plate tolerates high torque and is treated to resist chemicals and salt spray.
- Angled mounting plates are ideal for stacking RPCs or for avoiding obstructions or heat sources.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Steel (ST), Zinc plated (ZN)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)

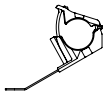
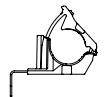
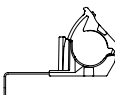


PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01656*	RCC15SM6	15 ° Short	4.1 (103.5)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.26 (6.5)	160	
151-01483*	RCC15SM8	15 ° Short	4.1 (103.5)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.33 (8.3)	160	
151-01484*	RCC15SM10	15 ° Short	4.1 (103.5)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.41 (10.3)	160	
151-01485*	RCC15SM12	15 ° Short	4.1 (103.5)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.51 (13.0)	160	
151-01657*	RCC30SM6	30 ° Short	3.6 (90.2)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.26 (6.5)	160	
151-01486*	RCC30SM8	30 ° Short	3.6 (90.2)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.33 (8.3)	160	
151-01487*	RCC30SM10	30 ° Short	3.6 (90.2)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.41 (10.3)	160	
151-01488*	RCC30SM12	30 ° Short	3.6 (90.2)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.51 (13.0)	160	

Dimensions are approximate and subject to technical changes. Use Part No. for ordering and Type for specification purposes.  
 \*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)

### Angled Ratchet P-Clamps

Size C - For bundle diameters from 3/4" to 1 3/8" (19.4 mm to 36.0 mm)

PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01658*	RCC30LM6	30 ° Long	4.5 (114.9)	1.4 (34.9)	100.0 (445.0)	3.0 (75.2)	0.26 (6.5)	140	
151-01489*	RCC30LM8	30 ° Long	4.5 (114.9)	1.4 (34.9)	100.0 (445.0)	3.0 (75.2)	0.33 (8.3)	140	
151-01490*	RCC30LM10	30 ° Long	4.5 (114.9)	1.4 (34.9)	100.0 (445.0)	3.0 (75.2)	0.41 (10.3)	140	
151-01491*	RCC30LM12	30 ° Long	4.5 (114.9)	1.4 (34.9)	100.0 (445.0)	3.0 (75.2)	0.51 (13.0)	140	
151-01659*	RCC90SM6	90 ° Short	4.0 (101.2)	1.4 (34.9)	100.0 (445.0)	1.6 (39.9)	0.26 (6.5)	160	
151-01492*	RCC90SM8	90 ° Short	4.0 (101.2)	1.4 (34.9)	100.0 (445.0)	1.6 (39.9)	0.33 (8.3)	160	
151-01493*	RCC90SM10	90 ° Short	4.0 (101.2)	1.4 (34.9)	100.0 (445.0)	1.6 (39.9)	0.41 (10.3)	160	
151-01494*	RCC90SM12	90 ° Short	4.0 (101.2)	1.4 (34.9)	100.0 (445.0)	1.6 (39.9)	0.51 (13.0)	160	
151-01660*	RCC90LM6	90 ° Long	5.1 (129.2)	1.4 (34.9)	100.0 (445.0)	1.6 (39.9)	0.26 (6.5)	140	
151-01495*	RCC90LM8	90 ° Long	5.1 (129.2)	1.4 (34.9)	100.0 (445.0)	1.6 (39.9)	0.33 (8.3)	140	
151-01496*	RCC90LM10	90 ° Long	5.1 (129.2)	1.4 (34.9)	100.0 (445.0)	1.6 (39.9)	0.41 (10.3)	140	
151-01497*	RCC90LM12	90 ° Long	5.1 (129.2)	1.4 (34.9)	100.0 (445.0)	1.6 (39.9)	0.51 (13.0)	140	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to +257°F (-40°C to +125°C)



Please note - not all products listed on this page may have this approval. Please see [www.HellermannTyton.com](http://www.HellermannTyton.com) for the latest approvals.

# Bundling and Securing

## Clamps

### Ratchet P-Clamps

#### Size D - For bundle diameters from 1 1/2" to 2" (36.0 mm to 51.0 mm)

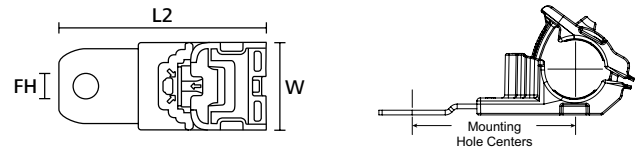
The Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The one-piece adjustable clamp can be closed by hand to the desired diameter. The release feature provides easy and nondestructive removal of cables simply by using a flat-head screwdriver. This nondestructive release allows the clamp to be reused without removing or replacing any bolts or screws.

#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- Zinc-plated steel mounting plate tolerates high torque and is treated to resist chemicals and salt spray.
- Straight, 180° mounting plate is ideal for applications requiring a flush mount set off from the mounting hole.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Steel (ST), Zinc plated (ZN)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)



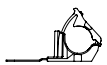

PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01673*	RCD180SM6	180 ° Short	4.6 (115.5)	1.4 (34.9)	100.0 (445.0)	2.8 (70.0)	0.26 (6.5)	3	
151-03043*		180 ° Short	4.6 (115.5)	1.4 (34.9)	100.0 (445.0)	2.8 (70.0)	0.26 (6.5)	20	
151-01661*		180 ° Short	4.6 (115.5)	1.4 (34.9)	100.0 (445.0)	2.8 (70.0)	0.26 (6.5)	160	
151-03044*	RCD180SM8	180 ° Short	4.6 (115.5)	1.4 (34.9)	100.0 (445.0)	2.8 (70.0)	0.33 (8.3)	20	
151-01499*		180 ° Short	4.6 (115.5)	1.4 (34.9)	100.0 (445.0)	2.8 (70.0)	0.33 (8.3)	160	
151-03042*	RCD180SM10	180 ° Short	4.1 (103.0)	1.4 (34.9)	100.0 (445.0)	2.8 (70.0)	0.41 (10.3)	20	
151-01501*		180 ° Short	4.6 (115.5)	1.4 (34.9)	100.0 (445.0)	2.8 (70.0)	0.41 (10.3)	160	
151-01502*	RCD180SM12	180 ° Short	4.6 (115.5)	1.4 (34.9)	100.0 (445.0)	2.8 (70.0)	0.51 (13.0)	160	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)

### Ratchet P-Clamps

Size D - For bundle diameters from 1 3/8" to 2" (36.0 mm to 51.0 mm)

PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01662*	RCD180MM6	180 ° Medium	5.4 (137.5)	1.4 (34.9)	100.0 (445.0)	3.6 (92.0)	0.26 (6.5)	140	
151-01503*	RCD180MM8	180 ° Medium	5.4 (137.5)	1.4 (34.9)	100.0 (445.0)	3.6 (92.0)	0.33 (8.3)	140	
151-01504*	RCD180MM10	180 ° Medium	5.4 (137.5)	1.4 (34.9)	100.0 (445.0)	3.6 (92.0)	0.41 (10.3)	140	
151-01505*	RCD180MM12	180 ° Medium	5.4 (137.5)	1.4 (34.9)	100.0 (445.0)	3.6 (92.0)	0.51 (13.0)	140	
151-01663*	RCD180LM6	180 ° Long	6.6 (166.5)	1.4 (34.9)	100.0 (445.0)	4.8 (121.0)	0.26 (6.5)	140	
151-01506*	RCD180LM8	180 ° Long	6.6 (166.5)	1.4 (34.9)	100.0 (445.0)	4.8 (121.0)	0.33 (8.3)	140	
151-01507*	RCD180LM10	180 ° Long	6.6 (166.5)	1.4 (34.9)	100.0 (445.0)	4.8 (121.0)	0.41 (10.3)	140	
151-01508*	RCD180LM12	180 ° Long	6.6 (166.5)	1.4 (34.9)	100.0 (445.0)	4.8 (121.0)	0.51 (13.0)	140	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)



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# Bundling and Securing

## Clamps

### Angled Ratchet P-Clamps

#### Size D - For bundle diameters from 1 1/8" to 2" (36.0 mm to 51.0 mm)

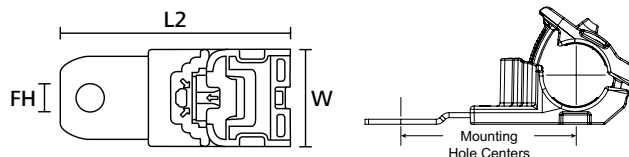
The Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The one-piece adjustable clamp can be closed by hand to the desired diameter. The release feature provides easy and nondestructive removal of cables simply by using a flat-head screwdriver. This nondestructive release allows the clamp to be reused without removing or replacing any bolts or screws.

#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- Zinc-plated steel mounting plate tolerates high torque and is treated to resist chemicals and salt spray.
- Angled mounting plates are ideal for stacking RPCs or for avoiding obstructions or heat sources.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Steel (ST), Zinc plated (ZN)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)



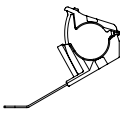

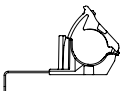
PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01664*	RCD15SM6	15 ° Short	4.6 (115.9)	1.4 (34.9)	100.0 (445.0)	2.7 (69.1)	0.26 (6.5)	160	
151-01509*	RCD15SM8	15 ° Short	4.6 (115.9)	1.4 (34.9)	100.0 (445.0)	2.7 (69.1)	0.33 (8.3)	160	
151-01510*	RCD15SM10	15 ° Short	4.6 (115.9)	1.4 (34.9)	100.0 (445.0)	2.7 (69.1)	0.41 (10.3)	160	
151-01511*	RCD15SM12	15 ° Short	4.6 (115.9)	1.4 (34.9)	100.0 (445.0)	2.7 (69.1)	0.51 (13.0)	160	
151-01665*	RCD30SM6	30 ° Short	4.0 (102.4)	1.4 (34.9)	100.0 (445.0)	2.2 (55.9)	0.26 (6.5)	160	
151-01512*	RCD30SM8	30 ° Short	4.0 (102.4)	1.4 (34.9)	100.0 (445.0)	2.2 (55.9)	0.33 (8.3)	160	
151-01513*	RCD30SM10	30 ° Short	4.0 (102.4)	1.4 (34.9)	100.0 (445.0)	2.2 (55.9)	0.41 (10.3)	160	
151-01514*	RCD30SM12	30 ° Short	4.0 (102.4)	1.4 (34.9)	100.0 (445.0)	2.2 (55.9)	0.51 (13.0)	160	

Dimensions are approximate and subject to technical changes. Use Part No. for ordering and Type for specification purposes.  
 \*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)



### Angled Ratchet P-Clamps

Size D - For bundle diameters from 1 3/8" to 2" (36.0 mm to 51.0 mm)

PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01666*	RCD30LM6	30 ° Long	5.0 (127.0)	1.4 (34.9)	100.0 (445.0)	3.2 (80.5)	0.26 (6.5)	140	
151-01515*	RCD30LM8	30 ° Long	5.0 (127.0)	1.4 (34.9)	100.0 (445.0)	3.2 (80.5)	0.33 (8.3)	140	
151-01516*	RCD30LM10	30 ° Long	5.0 (127.0)	1.4 (34.9)	100.0 (445.0)	3.2 (80.5)	0.41 (10.3)	140	
151-01517*	RCD30LM12	30 ° Long	5.0 (127.0)	1.4 (34.9)	100.0 (445.0)	3.2 (80.5)	0.51 (13.0)	140	
151-01667*	RCD90SM6	90 ° Short	3.5 (88.7)	1.4 (34.9)	100.0 (445.0)	1.7 (42.4)	0.26 (6.5)	160	
151-01518*	RCD90SM8	90 ° Short	3.5 (88.7)	1.4 (34.9)	100.0 (445.0)	1.7 (42.4)	0.33 (8.3)	160	
151-01519*	RCD90SM10	90 ° Short	3.5 (88.7)	1.4 (34.9)	100.0 (445.0)	1.7 (42.4)	0.41 (10.3)	160	
151-01520*	RCD90SM12	90 ° Short	3.5 (88.7)	1.4 (34.9)	100.0 (445.0)	1.7 (42.4)	0.51 (13.0)	160	
151-01628*	RCD90LM6	90 ° Long	4.6 (116.7)	1.4 (34.9)	100.0 (445.0)	1.7 (42.4)	0.26 (6.5)	140	
151-01521*	RCD90LM8	90 ° Long	4.6 (116.7)	1.4 (34.9)	100.0 (445.0)	1.7 (42.4)	0.33 (8.3)	140	
151-01522*	RCD90LM10	90 ° Long	4.6 (116.7)	1.4 (34.9)	100.0 (445.0)	1.7 (42.4)	0.41 (10.3)	140	
151-01523*	RCD90LM12	90 ° Long	4.6 (116.7)	1.4 (34.9)	100.0 (445.0)	1.7 (42.4)	0.51 (13.0)	140	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)



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# Bundling and Securing

## Clamps

### Stainless Steel Ratchet P-Clamp

#### Size A - For bundle diameters from ¼" to ½" (6.2 mm to 13.7 mm)

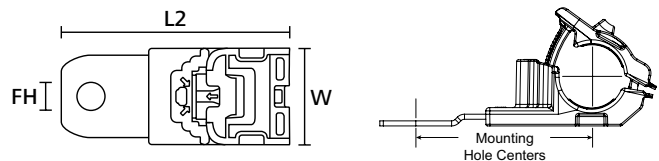
The Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The one-piece adjustable clamp can be closed by hand to the desired diameter. The release feature provides easy and nondestructive removal of cables simply by using a flat-head screwdriver. This nondestructive release allows the clamp to be reused without removing or replacing any bolts or screws.

#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- Stainless-steel mounting plate tolerates high torque and provides superior corrosion resistance against chemicals, salt spray and contact with dissimilar metals.
- Straight, 180° mounting plate is ideal for applications requiring a flush mount set off from the mounting hole.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Stainless Steel (SS304)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)

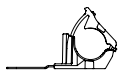
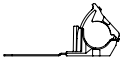


PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01911*	RCA180SM6SS	180° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.26 (6.5)	300	
151-01912*	RCA180SM8SS	180° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.33 (8.3)	300	
151-01913*	RCA180SM10SS	180° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.41 (10.3)	300	
151-01914*	RCA180SM12SS	180° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.51 (13.0)	300	

Dimensions are approximate and subject to technical changes. Use Part No. for ordering and Type for specification purposes.  
 \*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)

### Stainless Steel Ratchet P-Clamp

Size A - For bundle diameters from ¼" to ½" (6.2 mm to 13.7 mm)

PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01915*	RCA180MM6SS	180 ° Medium	4.1 (105.1)	1.4 (34.9)	100.0 (445.0)	2.9 (72.5)	0.26 (6.5)	200	
151-01916*	RCA180MM8SS	180 ° Medium	4.1 (105.1)	1.4 (34.9)	100.0 (445.0)	2.9 (72.5)	0.33 (8.3)	200	
151-01917*	RCA180MM10SS	180 ° Medium	4.1 (105.1)	1.4 (34.9)	100.0 (445.0)	2.9 (72.5)	0.41 (10.3)	200	
151-01918*	RCA180MM12SS	180 ° Medium	4.1 (105.1)	1.4 (34.9)	100.0 (445.0)	2.9 (72.5)	0.51 (13.0)	200	
151-01919*	RCA180LM6SS	180 ° Long	5.3 (134.1)	1.4 (34.9)	100.0 (445.0)	4.0 (101.5)	0.26 (6.5)	200	
151-01920*	RCA180LM8SS	180 ° Long	5.3 (134.1)	1.4 (34.9)	100.0 (445.0)	4.0 (101.5)	0.33 (8.3)	200	
151-01921*	RCA180LM10SS	180 ° Long	5.3 (134.1)	1.4 (34.9)	100.0 (445.0)	4.0 (101.5)	0.41 (10.3)	200	
151-01922*	RCA180LM12SS	180 ° Long	5.3 (134.1)	1.4 (34.9)	100.0 (445.0)	4.0 (101.5)	0.51 (13.0)	200	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)



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# Bundling and Securing

## Clamps

### Angled Stainless Steel Ratchet P-Clamp

#### Size A - For bundle diameters from ¼" to ½" (6.2 mm to 13.7 mm)

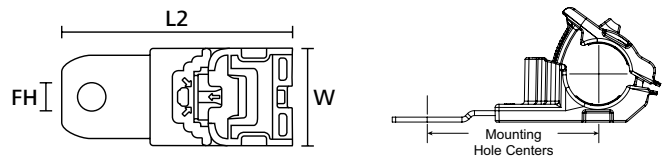
The Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The one-piece adjustable clamp can be closed by hand to the desired diameter. The release feature provides easy and nondestructive removal of cables simply by using a flat-head screwdriver. This nondestructive release allows the clamp to be reused without removing or replacing any bolts or screws.

#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- Stainless-steel mounting plate tolerates high torque and provides superior corrosion resistance against chemicals, salt spray and contact with dissimilar metals.
- Angled mounting plates are ideal for stacking RPCs or for avoiding obstructions or heat sources.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Stainless Steel (SS304)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)



PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01923*	RCA15SM6SS	15 ° Short	3.4 (86.9)	1.4 (34.9)	100.0 (445.0)	2.2 (54.7)	0.26 (6.5)	300	
151-01924*	RCA15SM8SS	15 ° Short	3.4 (86.9)	1.4 (34.9)	100.0 (445.0)	2.2 (54.7)	0.33 (8.3)	300	
151-01925*	RCA15SM10SS	15 ° Short	3.4 (86.9)	1.4 (34.9)	100.0 (445.0)	2.2 (54.7)	0.41 (10.3)	300	
151-01926*	RCA15SM12SS	15 ° Short	3.4 (86.9)	1.4 (34.9)	100.0 (445.0)	2.2 (54.7)	0.51 (13.0)	300	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)

### Angled Stainless Steel Ratchet P-Clamp

Size A - For bundle diameters from ¼" to ½" (6.2 mm to 13.7 mm)

PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01927*	RCA30SM6SS	30 ° Short	3.1 (78.5)	1.4 (34.9)	100.0 (445.0)	1.9 (47.7)	0.26 (6.5)	300	
151-01928*	RCA30SM8SS	30 ° Short	3.1 (78.5)	1.4 (34.9)	100.0 (445.0)	1.9 (47.7)	0.33 (8.3)	300	
151-01929*	RCA30SM10SS	30 ° Short	3.1 (78.5)	1.4 (34.9)	100.0 (445.0)	1.9 (47.7)	0.41 (10.3)	300	
151-01930*	RCA30SM12SS	30 ° Short	3.1 (78.5)	1.4 (34.9)	100.0 (445.0)	1.9 (47.7)	0.51 (13.0)	300	
151-01931*	RCA30LM6SS	30 ° Long	4.1 (103.2)	1.4 (34.9)	100.0 (445.0)	2.9 (72.4)	0.26 (6.5)	200	
151-01932*	RCA30LM8SS	30 ° Long	4.1 (103.2)	1.4 (34.9)	100.0 (445.0)	2.9 (72.4)	0.33 (8.3)	200	
151-01933*	RCA30LM10SS	30 ° Long	4.1 (103.2)	1.4 (34.9)	100.0 (445.0)	2.9 (72.4)	0.41 (10.3)	200	
151-01934*	RCA30LM12SS	30 ° Long	4.1 (103.2)	1.4 (34.9)	100.0 (445.0)	2.9 (72.4)	0.51 (13.0)	200	
151-01935*	RCA90SM6SS	90 ° Short	2.7 (68.8)	1.4 (34.9)	100.0 (445.0)	1.0 (24.9)	0.26 (6.5)	300	
151-01936*	RCA90SM8SS	90 ° Short	2.7 (68.8)	1.4 (34.9)	100.0 (445.0)	1.0 (24.9)	0.33 (8.3)	300	
151-01937*	RCA90SM10SS	90 ° Short	2.7 (68.8)	1.4 (34.9)	100.0 (445.0)	1.0 (24.9)	0.41 (10.3)	300	
151-01938*	RCA90SM12SS	90 ° Short	2.7 (68.8)	1.4 (34.9)	100.0 (445.0)	1.0 (24.9)	0.51 (13.0)	300	
151-01939*	RCA90LM6SS	90 ° Long	3.8 (96.8)	1.4 (34.9)	100.0 (445.0)	1.0 (24.9)	0.26 (6.5)	200	
151-01940*	RCA90LM8SS	90 ° Long	3.8 (96.8)	1.4 (34.9)	100.0 (445.0)	1.0 (24.9)	0.33 (8.3)	200	
151-01941*	RCA90LM10SS	90 ° Long	3.8 (96.8)	1.4 (34.9)	100.0 (445.0)	1.0 (24.9)	0.41 (10.3)	200	
151-01942*	RCA90LM12SS	90 ° Long	3.8 (96.8)	1.4 (34.9)	100.0 (445.0)	1.0 (24.9)	0.51 (13.0)	200	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to +40°F to +257°F (-40°C to +125°C)



Please note - not all products listed on this page may have this approval. Please see [www.HellermannTyton.com](http://www.HellermannTyton.com) for the latest approvals.

# Bundling and Securing

## Clamps

### Stainless Steel Ratchet P-Clamp

#### Size B - For bundle diameters from ½" to ¾" (12.7 mm to 19.5 mm)

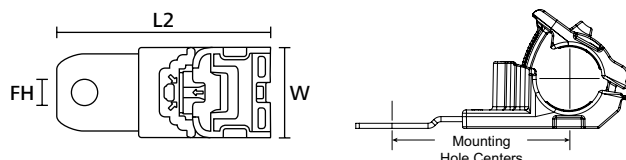
The Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The one-piece adjustable clamp can be closed by hand to the desired diameter. The release feature provides easy and nondestructive removal of cables simply by using a flat-head screwdriver. This nondestructive release allows the clamp to be reused without removing or replacing any bolts or screws.

#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- Stainless-steel mounting plate tolerates high torque and provides superior corrosion resistance against chemicals, salt spray and contact with dissimilar metals.
- Straight, 180° mounting plate is ideal for applications requiring a flush mount set off from the mounting hole.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Stainless Steel (SS304)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)



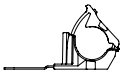
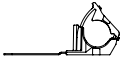
PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01943*	RCB180SM6SS	180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.1 (52.8)	0.26 (6.5)	280	
151-01944*	RCB180SM8SS	180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.1 (52.8)	0.33 (8.3)	280	
151-01945*	RCB180SM10SS	180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.1 (52.8)	0.41 (10.3)	280	
151-01946*	RCB180SM12SS	180 ° Short	3.3 (83.1)	1.4 (34.9)	100.0 (445.0)	2.1 (52.8)	0.51 (13.0)	280	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)

### Stainless Steel Ratchet P-Clamp

Size B - For bundle diameters from ½" to ¾" (12.7 mm to 19.5 mm)

PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01947*	RCB180MM6SS	180 ° Medium	4.1 (105.1)	1.4 (34.9)	100.0 (445.0)	2.9 (74.8)	0.26 (6.5)	200	
151-01948*	RCB180MM8SS	180 ° Medium	4.1 (105.1)	1.4 (34.9)	100.0 (445.0)	2.9 (74.8)	0.33 (8.3)	200	
151-01949*	RCB180MM10SS	180 ° Medium	4.1 (105.1)	1.4 (34.9)	100.0 (445.0)	2.9 (74.8)	0.41 (10.3)	200	
151-01950*	RCB180MM12SS	180 ° Medium	4.1 (105.1)	1.4 (34.9)	100.0 (445.0)	2.9 (74.8)	0.51 (13.0)	200	
151-01951*	RCB180LM6SS	180 ° Long	5.3 (134.1)	1.4 (34.9)	100.0 (445.0)	4.1 (103.8)	0.26 (6.5)	200	
151-01952*	RCB180LM8SS	180 ° Long	5.3 (134.1)	1.4 (34.9)	100.0 (445.0)	4.1 (103.8)	0.33 (8.3)	200	
151-01953*	RCB180LM10SS	180 ° Long	5.3 (134.1)	1.4 (34.9)	100.0 (445.0)	4.1 (103.8)	0.41 (10.3)	200	
151-01954*	RCB180LM12SS	180 ° Long	5.3 (134.1)	1.4 (34.9)	100.0 (445.0)	4.1 (103.8)	0.51 (13.0)	200	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)



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# Bundling and Securing

## Clamps

### Angled Stainless Steel Ratchet P-Clamp

#### Size B - For bundle diameters from ½" to ¾" (12.7 mm to 19.5 mm)

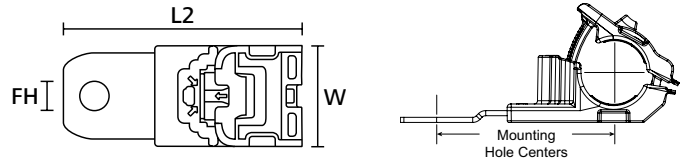
The Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The one-piece adjustable clamp can be closed by hand to the desired diameter. The release feature provides easy and nondestructive removal of cables simply by using a flat-head screwdriver. This nondestructive release allows the clamp to be reused without removing or replacing any bolts or screws.

#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- Stainless-steel mounting plate tolerates high torque and provides superior corrosion resistance against chemicals, salt spray and contact with dissimilar metals.
- Angled mounting plates are ideal for stacking RPCs or for avoiding obstructions or heat sources.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Stainless Steel (SS304)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)







PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01955*	RCB15SM6SS	15 ° Short	3.4 (86.9)	1.4 (34.9)	100.0 (445.0)	2.2 (56.5)	0.26 (6.5)	280	
151-01956*	RCB15SM8SS	15 ° Short	3.4 (86.9)	1.4 (34.9)	100.0 (445.0)	2.2 (56.5)	0.33 (8.3)	280	
151-01957*	RCB15SM10SS	15 ° Short	3.4 (86.9)	1.4 (34.9)	100.0 (445.0)	2.2 (56.5)	0.41 (10.3)	280	
151-01958*	RCB15SM12SS	15 ° Short	3.4 (86.9)	1.4 (34.9)	100.0 (445.0)	2.2 (56.5)	0.51 (13.0)	280	

Dimensions are approximate and subject to technical changes. Use Part No. for ordering and Type for specification purposes.  
 \*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)



### Angled Stainless Steel Ratchet P-Clamp

Size B - For bundle diameters from ½" to ¾" (12.7 mm to 19.5 mm)

PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01959*	RCB30SM6SS	30 ° Short	3.1 (78.5)	1.4 (34.9)	100.0 (445.0)	1.9 (48.8)	0.26 (6.5)	280	
151-01960*	RCB30SM8SS	30 ° Short	3.1 (78.5)	1.4 (34.9)	100.0 (445.0)	1.9 (48.8)	0.33 (8.3)	280	
151-01961*	RCB30SM10SS	30 ° Short	3.1 (78.5)	1.4 (34.9)	100.0 (445.0)	1.9 (48.8)	0.41 (10.3)	280	
151-01962*	RCB30SM12SS	30 ° Short	3.1 (78.5)	1.4 (34.9)	100.0 (445.0)	1.9 (48.8)	0.51 (13.0)	280	
151-01963*	RCB30LM6SS	30 ° Long	4.1 (103.2)	1.4 (34.9)	100.0 (445.0)	2.9 (73.5)	0.26 (6.5)	200	
151-01964*	RCB30LM8SS	30 ° Long	4.1 (103.2)	1.4 (34.9)	100.0 (445.0)	2.9 (73.5)	0.33 (8.3)	200	
151-01965*	RCB30LM10SS	30 ° Long	4.1 (103.2)	1.4 (34.9)	100.0 (445.0)	2.9 (73.5)	0.41 (10.3)	200	
151-01966*	RCB30LM12SS	30 ° Long	4.1 (103.2)	1.4 (34.9)	100.0 (445.0)	2.9 (73.5)	0.51 (13.0)	200	
151-01967*	RCB90SM6SS	90 ° Short	2.7 (68.8)	1.4 (34.9)	100.0 (445.0)	1.1 (26.7)	0.26 (6.5)	280	
151-01968*	RCB90SM8SS	90 ° Short	2.7 (68.8)	1.4 (34.9)	100.0 (445.0)	1.1 (26.7)	0.33 (8.3)	280	
151-01969*	RCB90SM10SS	90 ° Short	2.7 (68.8)	1.4 (34.9)	100.0 (445.0)	1.1 (26.7)	0.41 (10.3)	280	
151-01970*	RCB90SM12SS	90 ° Short	2.7 (68.8)	1.4 (34.9)	100.0 (445.0)	1.1 (26.7)	0.51 (13.0)	280	
151-01971*	RCB90LM6SS	90 ° Long	3.8 (96.8)	1.4 (34.9)	100.0 (445.0)	1.1 (26.7)	0.26 (6.5)	200	
151-01972*	RCB90LM8SS	90 ° Long	3.8 (96.8)	1.4 (34.9)	100.0 (445.0)	1.1 (26.7)	0.33 (8.3)	200	
151-01973*	RCB90LM10SS	90 ° Long	3.8 (96.8)	1.4 (34.9)	100.0 (445.0)	1.1 (26.7)	0.41 (10.3)	200	
151-01974*	RCB90LM12SS	90 ° Long	3.8 (96.8)	1.4 (34.9)	100.0 (445.0)	1.1 (26.7)	0.51 (13.0)	200	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)



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# Bundling and Securing

## Clamps

### Stainless Steel Ratchet P-Clamp

#### Size C - For bundle diameters from 3/4" to 1 1/8" (19.4 mm to 36.0 mm)

The Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The one-piece adjustable clamp can be closed by hand to the desired diameter. The release feature provides easy and nondestructive removal of cables simply by using a flat-head screwdriver. This nondestructive release allows the clamp to be reused without removing or replacing any bolts or screws.

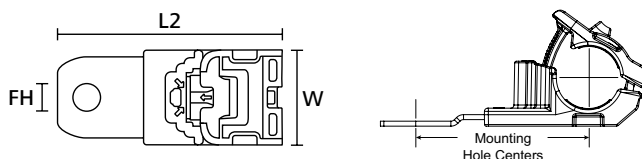
#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- Stainless-steel mounting plate tolerates high torque and provides superior corrosion resistance against chemicals, salt spray and contact with dissimilar metals.
- Straight, 180° mounting plate is ideal for applications requiring a flush mount set off from the mounting hole.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Stainless Steel (SS304)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)

**RoHS** ✓





PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01975*	RCC180SM6SS	180 ° Short	4.1 (103.0)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.26 (6.5)	160	
151-01976*	RCC180SM8SS	180 ° Short	4.1 (103.0)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.33 (8.3)	160	
151-01977*	RCC180SM10SS	180 ° Short	4.1 (103.0)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.41 (10.3)	160	
151-01978*	RCC180SM12SS	180 ° Short	4.1 (103.0)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.51 (13.0)	160	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)

### Stainless Steel Ratchet P-Clamp

Size C - For bundle diameters from 3/4" to 1 1/8" (19.4 mm to 36.0 mm)

PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01979*	RCC180MM6SS	180 ° Medium	4.9 (125.0)	1.4 (34.9)	100.0 (445.0)	3.3 (84.3)	0.26 (6.5)	140	
151-01980*	RCC180MM8SS	180 ° Medium	4.9 (125.0)	1.4 (34.9)	100.0 (445.0)	3.3 (84.3)	0.33 (8.3)	140	
151-01981*	RCC180MM10SS	180 ° Medium	4.9 (125.0)	1.4 (34.9)	100.0 (445.0)	3.3 (84.3)	0.41 (10.3)	140	
151-01982*	RCC180MM12SS	180 ° Medium	4.9 (125.0)	1.4 (34.9)	100.0 (445.0)	3.3 (84.3)	0.51 (13.0)	140	
151-01983*	RCC180LM6SS	180 ° Long	6.1 (154.0)	1.4 (34.9)	100.0 (445.0)	4.5 (113.3)	0.26 (6.5)	140	
151-01984*	RCC180LM8SS	180 ° Long	6.1 (154.0)	1.4 (34.9)	100.0 (445.0)	4.5 (113.3)	0.33 (8.3)	140	
151-01985*	RCC180LM10SS	180 ° Long	6.1 (154.0)	1.4 (34.9)	100.0 (445.0)	4.5 (113.3)	0.41 (10.3)	140	
151-01986*	RCC180LM12SS	180 ° Long	6.1 (154.0)	1.4 (34.9)	100.0 (445.0)	4.5 (113.3)	0.51 (13.0)	140	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)



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# Bundling and Securing

## Clamps

### Angled Stainless Steel Ratchet P-Clamp

**Size C - For bundle diameters from 3/4" to 1 1/2" (19.4 mm to 36.0 mm)**

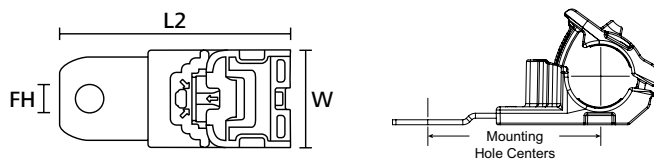
The Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The one-piece adjustable clamp can be closed by hand to the desired diameter. The release feature provides easy and nondestructive removal of cables simply by using a flat-head screwdriver. This nondestructive release allows the clamp to be reused without removing or replacing any bolts or screws.

#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- Stainless-steel mounting plate tolerates high torque and provides superior corrosion resistance against chemicals, salt spray and contact with dissimilar metals.
- Angled mounting plates are ideal for stacking RPCs or for avoiding obstructions or heat sources.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Stainless Steel (SS304)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)



PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-01987*	RCC15SM6SS	15 ° Short	4.1 (103.5)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.26 (6.5)	160	
151-01988*	RCC15SM8SS	15 ° Short	4.1 (103.5)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.33 (8.3)	160	
151-01989*	RCC15SM10SS	15 ° Short	4.1 (103.5)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.41 (10.3)	160	
151-01990*	RCC15SM12SS	15 ° Short	4.1 (103.5)	1.4 (34.9)	100.0 (445.0)	2.5 (62.3)	0.51 (13.0)	160	

*Dimensions are approximate and subject to technical changes. Use Part No. for ordering and Type for specification purposes.  
\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)*

### Angled Stainless Steel Ratchet P-Clamp

Size C - For bundle diameters from 3/4" to 1 3/8" (19.4 mm to 36.0 mm)

PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
	RCC30SM6SS	30 ° Short	3.6 (90.2)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.26 (6.5)	160	
151-01992*	RCC30SM8SS	30 ° Short	3.6 (90.2)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.33 (8.3)	160	
<del>151-01991*</del> 151-01993*	RCC30SM10SS	30 ° Short	3.6 (90.2)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.41 (10.3)	160	
151-01994*	RCC30SM12SS	30 ° Short	3.6 (90.2)	1.4 (34.9)	100.0 (445.0)	2.0 (50.5)	0.51 (13.0)	160	
151-01995*	RCC30LM6SS	30 ° Long	4.5 (114.9)	1.4 (34.9)	100.0 (445.0)	3.0 (75.2)	0.26 (6.5)	140	
151-01996*	RCC30LM8SS	30 ° Long	4.5 (114.9)	1.4 (34.9)	100.0 (445.0)	3.0 (75.2)	0.33 (8.3)	140	
151-01997*	RCC30LM10SS	30 ° Long	4.5 (114.9)	1.4 (34.9)	100.0 (445.0)	3.0 (75.2)	0.41 (10.3)	140	
151-01998*	RCC30LM12SS	30 ° Long	4.5 (114.9)	1.4 (34.9)	100.0 (445.0)	3.0 (75.2)	0.51 (13.0)	140	
151-01999*	RCC90SM6SS	90 ° Short	4.0 (101.2)	1.4 (34.9)	100.0 (445.0)	1.6 (39.9)	0.26 (6.5)	160	
151-02001*	RCC90SM8SS	90 ° Short	4.0 (101.2)	1.4 (34.9)	100.0 (445.0)	1.6 (39.9)	0.33 (8.3)	160	
151-02002*	RCC90SM10SS	90 ° Short	4.0 (101.2)	1.4 (34.9)	100.0 (445.0)	1.6 (39.9)	0.41 (10.3)	160	
151-02003*	RCC90SM12SS	90 ° Short	4.0 (101.2)	1.4 (34.9)	100.0 (445.0)	1.6 (39.9)	0.51 (13.0)	160	
151-02004*	RCC90LM6SS	90 ° Long	5.1 (129.2)	1.4 (34.9)	100.0 (445.0)	1.6 (39.9)	0.26 (6.5)	140	
151-02005*	RCC90LM8SS	90 ° Long	5.1 (129.2)	1.4 (34.9)	100.0 (445.0)	1.6 (39.9)	0.33 (8.3)	140	
151-02006*	RCC90LM10SS	90 ° Long	5.1 (129.2)	1.4 (34.9)	100.0 (445.0)	1.6 (39.9)	0.41 (10.3)	140	
151-02007*	RCC90LM12SS	90 ° Long	5.1 (129.2)	1.4 (34.9)	100.0 (445.0)	1.6 (39.9)	0.51 (13.0)	140	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to +257°F (-40°C to +125°C)



Please note - not all products listed on this page may have this approval. Please see [www.HellermannTyton.com](http://www.HellermannTyton.com) for the latest approvals.

# Bundling and Securing

## Clamps

### Stainless Steel Ratchet P-Clamp

#### Size D - For bundle diameters from 1 3/8" to 2" (36.0 mm to 51.0 mm)

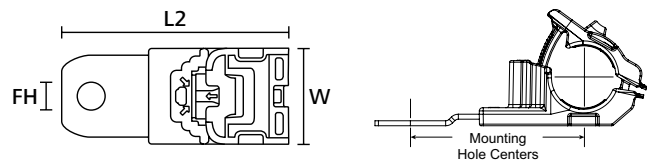
The Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The one-piece adjustable clamp can be closed by hand to the desired diameter. The release feature provides easy and nondestructive removal of cables simply by using a flat-head screwdriver. This nondestructive release allows the clamp to be reused without removing or replacing any bolts or screws.

#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- Stainless-steel mounting plate tolerates high torque and provides superior corrosion resistance against chemicals, salt spray and contact with dissimilar metals.
- Straight, 180° mounting plate is ideal for applications requiring a flush mount set off from the mounting hole.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Stainless Steel (SS304)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)

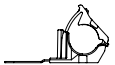



PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-02008*	RCD180SM6SS	180 ° Short	4.6 (115.5)	1.4 (34.9)	100.0 (445.0)	2.8 (70.0)	0.26 (6.5)	160	
151-02009*	RCD180SM8SS	180 ° Short	4.6 (115.5)	1.4 (34.9)	100.0 (445.0)	2.8 (70.0)	0.33 (8.3)	160	
151-02010*	RCD180SM10SS	180 ° Short	4.6 (115.5)	1.4 (34.9)	100.0 (445.0)	2.8 (70.0)	0.41 (10.3)	160	
151-02011*	RCD180SM12SS	180 ° Short	4.6 (115.5)	1.4 (34.9)	100.0 (445.0)	2.8 (70.0)	0.51 (13.0)	160	

Dimensions are approximate and subject to technical changes. Use Part No. for ordering and Type for specification purposes.  
 \*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)

### Stainless Steel Ratchet P-Clamp

Size D - For bundle diameters from 1 3/8" to 2" (36.0 mm to 51.0 mm)

PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-02012*	RCD180MM6SS	180 ° Medium	5.4 (137.5)	1.4 (34.9)	100.0 (445.0)	3.6 (92.0)	0.26 (6.5)	140	
151-02013*	RCD180MM8SS	180 ° Medium	5.4 (137.5)	1.4 (34.9)	100.0 (445.0)	3.6 (92.0)	0.33 (8.3)	140	
151-02014*	RCD180MM10SS	180 ° Medium	5.4 (137.5)	1.4 (34.9)	100.0 (445.0)	3.6 (92.0)	0.41 (10.3)	140	
151-02015*	RCD180MM12SS	180 ° Medium	5.4 (137.5)	1.4 (34.9)	100.0 (445.0)	3.6 (92.0)	0.51 (13.0)	140	
151-02016*	RCD180LM6SS	180 ° Long	6.6 (166.5)	1.4 (34.9)	100.0 (445.0)	4.8 (121.0)	0.26 (6.5)	140	
151-02017*	RCD180LM8SS	180 ° Long	6.6 (166.5)	1.4 (34.9)	100.0 (445.0)	4.8 (121.0)	0.33 (8.3)	140	
151-02018*	RCD180LM10SS	180 ° Long	6.6 (166.5)	1.4 (34.9)	100.0 (445.0)	4.8 (121.0)	0.41 (10.3)	140	
151-02019*	RCD180LM12SS	180 ° Long	6.6 (166.5)	1.4 (34.9)	100.0 (445.0)	4.8 (121.0)	0.51 (13.0)	140	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)



Please note - not all products listed on this page may have this approval. Please see [www.Hellermann.Tyton.com](http://www.Hellermann.Tyton.com) for the latest approvals.

# Bundling and Securing

## Clamps

### Angled Stainless Steel Ratchet P-Clamp

**Size D - For bundle diameters from 1 1/8" to 2" (36.0 mm to 51.0 mm)**

The Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The one-piece adjustable clamp can be closed by hand to the desired diameter. The release feature provides easy and nondestructive removal of cables simply by using a flat-head screwdriver. This nondestructive release allows the clamp to be reused without removing or replacing any bolts or screws.

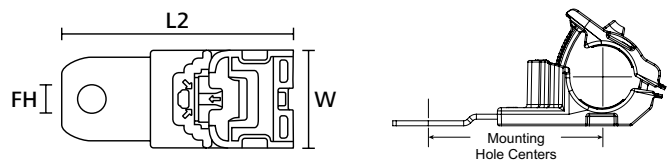
#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- Stainless-steel mounting plate tolerates high torque and provides superior corrosion resistance against chemicals, salt spray and contact with dissimilar metals.
- Angled mounting plates are ideal for stacking RPCs or for avoiding obstructions or heat sources.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Stainless Steel (SS304)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)

**RoHS** ✓



PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-02020*	RCD15SM6SS	15 ° Short	4.6 (115.9)	1.4 (34.9)	100.0 (445.0)	2.7 (69.1)	0.26 (6.5)	160	
151-02021*	RCD15SM8SS	15 ° Short	4.6 (115.9)	1.4 (34.9)	100.0 (445.0)	2.7 (69.1)	0.33 (8.3)	160	
151-02022*	RCD15SM10SS	15 ° Short	4.6 (115.9)	1.4 (34.9)	100.0 (445.0)	2.7 (69.1)	0.41 (10.3)	160	
151-02023*	RCD15SM12SS	15 ° Short	4.6 (115.9)	1.4 (34.9)	100.0 (445.0)	2.7 (69.1)	0.51 (13.0)	160	

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

*\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)*



### Angled Stainless Steel Ratchet P-Clamp

Size D - For bundle diameters from 1 3/8" to 2" (36.0 mm to 51.0 mm)

PART NO.	TYPE	Angle/Length Variant	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-02024*	RCD30SM6SS	30 ° Short	4.0 (102.4)	1.4 (34.9)	100.0 (445.0)	2.2 (55.9)	0.26 (6.5)	160	
151-02025*	RCD30SM8SS	30 ° Short	4.0 (102.4)	1.4 (34.9)	100.0 (445.0)	2.2 (55.9)	0.33 (8.3)	160	
151-02026*	RCD30SM10SS	30 ° Short	4.0 (102.4)	1.4 (34.9)	100.0 (445.0)	2.2 (55.9)	0.41 (10.3)	160	
151-02027*	RCD30SM12SS	30 ° Short	4.0 (102.4)	1.4 (34.9)	100.0 (445.0)	2.2 (55.9)	0.51 (13.0)	160	
151-02028*	RCD30LM6SS	30 ° Long	5.0 (127.0)	1.4 (34.9)	100.0 (445.0)	3.2 (80.5)	0.26 (6.5)	140	
151-02029*	RCD30LM8SS	30 ° Long	5.0 (127.0)	1.4 (34.9)	100.0 (445.0)	3.2 (80.5)	0.33 (8.3)	140	
151-02030*	RCD30LM10SS	30 ° Long	5.0 (127.0)	1.4 (34.9)	100.0 (445.0)	3.2 (80.5)	0.41 (10.3)	140	
151-02031*	RCD30LM12SS	30 ° Long	5.0 (127.0)	1.4 (34.9)	100.0 (445.0)	3.2 (80.5)	0.51 (13.0)	140	
151-02032*	RCD90SM6SS	90 ° Short	3.5 (88.7)	1.4 (34.9)	100.0 (445.0)	1.7 (42.4)	0.26 (6.5)	160	
151-02033*	RCD90SM8SS	90 ° Short	3.5 (88.7)	1.4 (34.9)	100.0 (445.0)	1.7 (42.4)	0.33 (8.3)	160	
151-02034*	RCD90SM10SS	90 ° Short	3.5 (88.7)	1.4 (34.9)	100.0 (445.0)	1.7 (42.4)	0.41 (10.3)	160	
151-02035*	RCD90SM12SS	90 ° Short	3.5 (88.7)	1.4 (34.9)	100.0 (445.0)	1.7 (42.4)	0.51 (13.0)	160	
151-02036*	RCD90LM6SS	90 ° Long	4.6 (116.7)	1.4 (34.9)	100.0 (445.0)	1.7 (42.4)	0.26 (6.5)	140	
151-02037*	RCD90LM8SS	90 ° Long	4.6 (116.7)	1.4 (34.9)	100.0 (445.0)	1.7 (42.4)	0.33 (8.3)	140	
151-02038*	RCD90LM10SS	90 ° Long	4.6 (116.7)	1.4 (34.9)	100.0 (445.0)	1.7 (42.4)	0.41 (10.3)	140	
151-02039*	RCD90LM12SS	90 ° Long	4.6 (116.7)	1.4 (34.9)	100.0 (445.0)	1.7 (42.4)	0.51 (13.0)	140	

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

\*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to +40°F to +257°F (-40°C to +125°C)



Please note - not all products listed on this page may have this approval. Please see [www.HellermannTyton.com](http://www.HellermannTyton.com) for the latest approvals.

# Bundling and Securing

## Clamps

### Stainless Steel Ratchet P-Clamp

#### Size F - For bundle diameters from 2½" to 3" (63.0 to 80.0 mm)

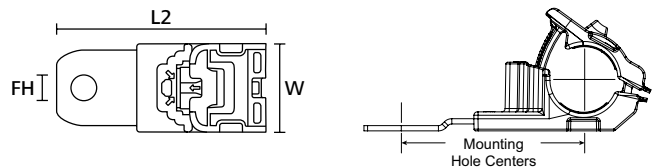
The Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The one-piece adjustable clamp can be closed by hand to the desired diameter. The release feature provides easy and nondestructive removal of cables simply by using a flat-head screwdriver. This nondestructive release allows the clamp to be reused without removing or replacing any bolts or screws.

#### Features and Benefits

- One-piece ratchet closure design allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- Stainless-steel mounting plate tolerates high torque and provides superior corrosion resistance against chemicals, salt spray and contact with dissimilar metals.



<b>MATERIAL</b>	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV), Stainless Steel (SS304)
<b>Operating Temperature**</b>	-40°F to +221°F (-40°C to +105°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)



PART NO.	TYPE	Angle/ Length	Length (L2) in. (mm)	Width (W) in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Centers in. (mm)	Mounting Hole Dia. (FH) in. (mm)	Pkg. Qty.	Drawing
151-03203	RCF180SM6SS	180 ° Short	5.8 (147.9)	1.4 (34.9)	100.0 (445.0)	3.5 (88.0)	0.26 (6.5)	100	
151-03122	RCF180SM8SS	180 ° Short	5.8 (147.9)	1.4 (34.9)	100.0 (445.0)	3.5 (88.0)	0.33 (8.3)	100	
151-03123	RCF180SM10SS	180 ° Short	5.8 (147.9)	1.4 (34.9)	100.0 (445.0)	3.5 (88.0)	0.41 (10.3)	100	
151-03124	RCF180SM12SS	180 ° Short	5.8 (147.9)	1.4 (34.9)	100.0 (445.0)	3.5 (88.0)	0.51 (13.0)	100	

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

\*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)

### Inline Ratchet P-Clamp

#### Oval Fir Tree Mount - 7 x 12 mm

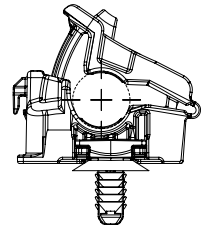
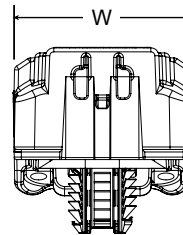
The Inline Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. Built-in attachments include round and oval fir trees and adhesive mounts, so no additional hardware is needed for securing to a hole or panel. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The adjustable clamp can be closed by hand to the desired diameter. The release feature allows easy and nondestructive removal of cables simply by using a flat-head screwdriver. In this way, the clamp can be reused or serviced without removing it from the mounting surface.

#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- High-performing oval fir trees ensure anti-rotational routing in existing or stamped oval or rectangular holes with no additional hardware required.



<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>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)



PART NO.	TYPE	Min. Bundle Diameter in. (mm)	Max. Bundle Diameter in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Dia. in. (mm)	Panel Thickness in. (mm)	Fixation Method	Width (W) in. (mm)	Pkg. Qty.
156-02710	IRCAFTOVAL	0.2 (6.1)	0.5 (13.7)	100.0 (445.0)	0.28 x 0.47 (7.0 x 12.0)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree for oval holes	1.4 (34.9)	25
156-02618		0.2 (6.1)	0.5 (13.7)	100.0 (445.0)	0.28 x 0.47 (7.0 x 12.0)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree for oval holes	1.4 (34.9)	250
156-02711	IRCBFTOVAL	0.5 (12.7)	0.8 (19.6)	100.0 (445.0)	0.28 x 0.47 (7.0 x 12.0)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree for oval holes	1.4 (34.9)	25
156-02628		0.5 (12.7)	0.8 (19.6)	100.0 (445.0)	0.28 x 0.47 (7.0 x 12.0)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree for oval holes	1.4 (34.9)	250
156-02712	IRCCFTOVAL	0.8 (19.3)	1.4 (36.0)	100.0 (445.0)	0.28 x 0.47 (7.0 x 12.0)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree for oval holes	1.4 (34.9)	25
156-02638		0.8 (19.3)	1.4 (36.0)	100.0 (445.0)	0.28 x 0.47 (7.0 x 12.0)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree for oval holes	1.4 (34.9)	250
156-02713	IRCDFTOVAL	1.4 (36.0)	2.0 (50.8)	100.0 (445.0)	0.28 x 0.47 (7.0 x 12.0)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree for oval holes	1.4 (34.9)	25
156-02648		1.4 (36.0)	2.0 (50.8)	100.0 (445.0)	0.28 x 0.47 (7.0 x 12.0)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree for oval holes	1.4 (34.9)	200

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

\*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)

# Bundling and Securing

## Clamps

### Inline Ratchet P-Clamp

#### Oval Fir Tree Mount - 9 x 17 mm

The Inline Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. Built-in attachments include round and oval fir trees and adhesive mounts, so no additional hardware is needed for securing to a hole or panel. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The adjustable clamp can be closed by hand to the desired diameter. The release feature allows easy and nondestructive removal of cables simply by using a flat-head screwdriver. In this way, the clamp can be reused or serviced without removing it from the mounting surface.

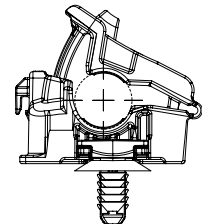
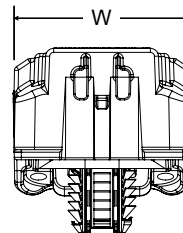
#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- High-performing oval fir trees ensure anti-rotational routing in existing or stamped oval or rectangular holes with no additional hardware required.



<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>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)

**RoHS** ✓



PART NO.	TYPE	Min. Bundle Diameter in. (mm)	Max. Bundle Diameter in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Dia. in. (mm)	Panel Thickness in. (mm)	Fixation Method	Width (W) in. (mm)	Pkg. Qty.
156-02718	IRCAFT9X17	0.2 (6.1)	0.5 (13.7)	100.0 (445.0)	0.35 x 0.67 (9.0 x 17.0)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree for oval holes	1.4 (34.9)	25
156-02622		0.2 (6.1)	0.5 (13.7)	100.0 (445.0)	0.35 x 0.67 (9.0 x 17.0)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree for oval holes	1.4 (34.9)	250
156-02719	IRCBFT9X17	0.5 (12.7)	0.8 (19.6)	100.0 (445.0)	0.35 x 0.67 (9.0 x 17.0)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree for oval holes	1.4 (34.9)	25
156-02632		0.5 (12.7)	0.8 (19.6)	100.0 (445.0)	0.35 x 0.67 (9.0 x 17.0)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree for oval holes	1.4 (34.9)	250
156-02720	IRCCFT9X17	0.8 (19.3)	1.4 (36.0)	100.0 (445.0)	0.35 x 0.67 (9.0 x 17.0)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree for oval holes	1.4 (34.9)	25
156-02642		0.8 (19.3)	1.4 (36.0)	100.0 (445.0)	0.35 x 0.67 (9.0 x 17.0)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree for oval holes	1.4 (34.9)	250
156-02721	IRCDFT9X17	1.4 (36.0)	2.0 (50.8)	100.0 (445.0)	0.35 x 0.67 (9.0 x 17.0)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree for oval holes	1.4 (34.9)	25
156-02652		1.4 (36.0)	2.0 (50.8)	100.0 (445.0)	0.35 x 0.67 (9.0 x 17.0)	0.02 - 0.27 (0.6 - 6.8)	Fir Tree for oval holes	1.4 (34.9)	200

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

\*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)

### Inline Ratchet P-Clamp

#### Round Fir Tree Mount - 6.5 mm

The Inline Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. Built-in attachments include round and oval fir trees and adhesive mounts, so no additional hardware is needed for securing to a hole or panel. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The adjustable clamp can be closed by hand to the desired diameter. The release feature allows easy and nondestructive removal of cables simply by using a flat-head screwdriver. In this way, the clamp can be reused or serviced without removing it from the mounting surface.

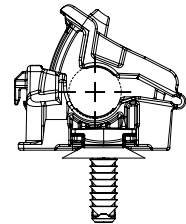
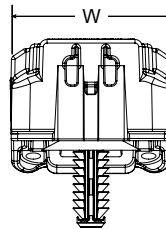
#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- High-performing round fir trees mean no additional fastener is needed for mounting.



<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>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)

RoHS ✓



PART NO.	TYPE	Min. Bundle Diameter in. (mm)	Max. Bundle Diameter in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Dia. in. (mm)	Panel Thickness in. (mm)	Fixation Method	Width (W) in. (mm)	Pkg. Qty.
156-02706	IRCAFT6.5LG	0.2 (6.1)	0.5 (13.7)	100.0 (445.0)	0.26 (6.5)	0.02 - 0.35 (0.6 - 9.0)	Fir tree for round holes	1.4 (34.9)	25
156-02616		0.2 (6.1)	0.5 (13.7)	100.0 (445.0)	0.26 (6.5)	0.02 - 0.35 (0.6 - 9.0)	Fir tree for round holes	1.4 (34.9)	250
156-02707	IRCBFT6.5LG	0.5 (12.7)	0.8 (19.6)	100.0 (445.0)	0.26 (6.5)	0.02 - 0.35 (0.6 - 9.0)	Fir tree for round holes	1.4 (34.9)	25
156-02626		0.5 (12.7)	0.8 (19.6)	100.0 (445.0)	0.26 (6.5)	0.02 - 0.35 (0.6 - 9.0)	Fir tree for round holes	1.4 (34.9)	250
156-02708	IRCCFT6.5LG	0.8 (19.3)	1.4 (36.0)	100.0 (445.0)	0.26 (6.5)	0.02 - 0.35 (0.6 - 9.0)	Fir tree for round holes	1.4 (34.9)	25
156-02636		0.8 (19.3)	1.4 (36.0)	100.0 (445.0)	0.26 (6.5)	0.02 - 0.35 (0.6 - 9.0)	Fir tree for round holes	1.4 (34.9)	250
156-02709	IRCDFT6.5LG	1.4 (36.0)	2.0 (50.8)	100.0 (445.0)	0.26 (6.5)	0.02 - 0.35 (0.6 - 9.0)	Fir tree for round holes	1.4 (34.9)	25
156-02646		1.4 (36.0)	2.0 (50.8)	100.0 (445.0)	0.26 (6.5)	0.02 - 0.35 (0.6 - 9.0)	Fir tree for round holes	1.4 (34.9)	200

Dimensions are approximate and subject to technical changes. Use Part No. for ordering and Type for specification purposes.  
 \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)

# Bundling and Securing

## Clamps

### Inline Ratchet P-Clamp

#### Round Fir Tree Mount - 9 mm

The Inline Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. Built-in attachments include round and oval fir trees and adhesive mounts, so no additional hardware is needed for securing to a hole or panel. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The adjustable clamp can be closed by hand to the desired diameter. The release feature allows easy and nondestructive removal of cables simply by using a flat-head screwdriver. In this way, the clamp can be reused or serviced without removing it from the mounting surface.

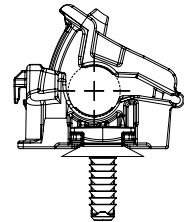
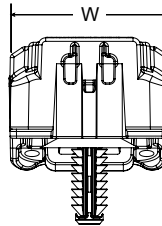
#### Features and Benefits

- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- High-performing round fir trees mean no additional fastener is needed for mounting.



<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>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)

RoHS ✓



PART NO.	TYPE	Min. Bundle Diameter in. (mm)	Max. Bundle Diameter in. (mm)	Min. Tensile Strength lbs. (N)	Mounting Hole Dia. in. (mm)	Panel Thickness in. (mm)	Fixation Method	Width (W) in. (mm)	Pkg. Qty.
156-02714	IRCAFT9LG	0.2 (6.1)	0.5 (13.7)	100.0 (445.0)	0.35 (9.0)	0.02 - 0.50 (0.6 - 12.7)	Fir tree for round holes	1.4 (34.9)	25
156-02620		0.2 (6.1)	0.5 (13.7)	100.0 (445.0)	0.35 (9.0)	0.02 - 0.50 (0.6 - 12.7)	Fir tree for round holes	1.4 (34.9)	250
156-02715	IRCBFT9LG	0.5 (12.7)	0.8 (19.6)	100.0 (445.0)	0.35 (9.0)	0.02 - 0.50 (0.6 - 12.7)	Fir tree for round holes	1.4 (34.9)	25
156-02630		0.5 (12.7)	0.8 (19.6)	100.0 (445.0)	0.35 (9.0)	0.02 - 0.50 (0.6 - 12.7)	Fir tree for round holes	1.4 (34.9)	250
156-02716	IRCCFT9LG	0.8 (19.3)	1.4 (36.0)	100.0 (445.0)	0.35 (9.0)	0.02 - 0.50 (0.6 - 12.7)	Fir tree for round holes	1.4 (34.9)	25
156-02640		0.8 (19.3)	1.4 (36.0)	100.0 (445.0)	0.35 (9.0)	0.02 - 0.50 (0.6 - 12.7)	Fir tree for round holes	1.4 (34.9)	250
156-02717	IRCDFT9LG	1.4 (36.0)	2.0 (50.8)	100.0 (445.0)	0.35 (9.0)	0.02 - 0.50 (0.6 - 12.7)	Fir tree for round holes	1.4 (34.9)	25
156-02650		1.4 (36.0)	2.0 (50.8)	100.0 (445.0)	0.35 (9.0)	0.02 - 0.50 (0.6 - 12.7)	Fir tree for round holes	1.4 (34.9)	200

Dimensions are approximate and subject to technical changes. Use Part No. for ordering and Type for specification purposes.  
 \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)

### Inline Ratchet P-Clamp

#### Adhesive Mount

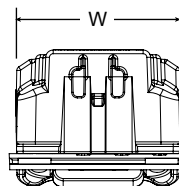
The Inline Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. Built-in attachments include round and oval fir trees and adhesive mounts, so no additional hardware is needed for securing to a hole or panel. The robust design and durable materials make it ideal for heavy duty applications, both indoors and out. The adjustable clamp can be closed by hand to the desired diameter. The release feature allows easy and nondestructive removal of cables simply by using a flat-head screwdriver. In this way, the clamp can be reused or serviced without removing it from the mounting surface.

#### Features and Benefits

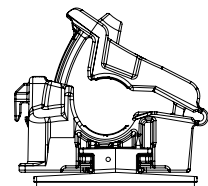
- One-piece ratchet closure allows for easy installation during pre- or final assembly.
- Easy release feature simplifies quick adjustments and maintenance.
- Impact modified, heat and UV stabilized PA66 provides long-term durability, indoors and out.
- 3M™ VHB™ adhesive on base creates an incredible bond with 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>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)



**RoHS** ✓



PART NO.	TYPE	Min. Bundle Diameter in. (mm)	Max. Bundle Diameter in. (mm)	Min. Tensile Strength lbs. (N)	Fixation Method	Width (W) in. (mm)	Adhesive	Pkg. Qty.
156-02722	IRCAMB5A	0.2 (6.1)	0.5 (13.7)	100.0 (445.0)	Adhesive	1.4 (34.9)	Acrylic	25
156-02624		0.2 (6.1)	0.5 (13.7)	100.0 (445.0)	Adhesive	1.4 (34.9)	Acrylic	250
156-02723	IRCBMB5A	0.5 (12.7)	0.8 (19.6)	100.0 (445.0)	Adhesive	1.4 (34.9)	Acrylic	25
156-02634		0.5 (12.7)	0.8 (19.6)	100.0 (445.0)	Adhesive	1.4 (34.9)	Acrylic	250
156-02724	IRCCMB5A	0.8 (19.3)	1.4 (36.0)	100.0 (445.0)	Adhesive	1.4 (34.9)	Acrylic	25
156-02644		0.8 (19.3)	1.4 (36.0)	100.0 (445.0)	Adhesive	1.4 (34.9)	Acrylic	250
156-02725	IRCDMB5A	1.4 (36.0)	2.0 (50.8)	100.0 (445.0)	Adhesive	1.4 (34.9)	Acrylic	25
156-02654		1.4 (36.0)	2.0 (51.0)	100.0 (445.0)	Adhesive	1.4 (34.9)	Acrylic	200

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

3M and VHB are trademarks of 3M Company. \*This product meets UL standards. \*\*Ratchet P-Clamps have been tested to -40°F to +257°F (-40°C to +125°C)

# Bundling and Securing

## Clamps

### Ratchet P-Clamps

#### Accessories

The Ratchet P-Clamp family offers optional accessories for different user needs. The Tension Tab enables installers to apply a specific clamp tension when used with EVO® Series hand tools. And Soft Inserts provide an added level of protection for sensitive bundles or high-vibration applications.

#### Features and Benefits

- Built-in channel on Ratchet P-Clamp makes using Tension Tabs quick and easy.
- When used with the EVO series hand tool, Tension Tabs make it easy to deliver a precise torque setting to the clamp.
- Soft inserts snap precisely into the Ratchet P-Clamp for quick, error-proof installation.
- Soft inserts counter the effects of vibration to reduce noise and movement.



<b>MATERIAL</b>	Thermoplastic Elastomer (TPE)
<b>Operating Temperature</b>	-40°F to +194°F (-40°C to +90°C)
<b>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)

**RoHS** ✓

<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>Flammability</b>	UL 94 HB
<b>Color</b>	<b>Black (BK)</b>

**RoHS** ✓

PART NO.	TYPE	Description	Pkg. Qty.
151-01530*	RCINSERTA	Ratchet P-Clamp Size A Soft Insert	100
151-01531*	RCINSERTB	Ratchet P-Clamp Size B Soft Insert	100
151-01532*	RCINSERTC	Ratchet P-Clamp Size C Soft Insert	100
151-01533*	RCINSERTD	Ratchet P-Clamp Size D Soft Insert	100
151-01529	RCTT	Ratchet P-Clamp Tension Tab	100

*Dimensions are approximate and subject to technical changes. Use Part No. for ordering and Type for specification purposes.  
Note: Using soft inserts will reduce clamp diameter range; please test in application to ensure the proper fit. \*This product meets UL standards.*



Please note - not all products listed on this page may have this approval. Please see [www.Hellermann.Tyton.com](http://www.Hellermann.Tyton.com) for the latest approvals.



### Push Pins

#### Blind Plugs with Fir Tree

The Push Pin is a convenient fir tree fastener used to secure the Ratchet P-Clamp with metal base plate to a surface with a 6.5 mm hole.

#### Features and Benefits

- Low insertion force enables fast, tool-less mounting.
- High extraction resistance means clamp and mount stay put.
- Top disc covers mounting hole and minimizes ingress of dust, dirt and water.



<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>Flammability</b>	UL 94 HB
<b>Color</b>	Black (BK)

PART NO.	TYPE	Description	Pkg. Qty.
151-01317	FT6.5 Plug	Push Pin, 0.24 - 0.27 " Mounting Hole Dia.	5000

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

### Manual Tools

#### EVO® Mechanical Hand Tools

HellermannTyton's EVO Series cable tie application tools combine durability, precision and control with unparalleled comfort. The innovative, ergonomic design minimizes the stress on hands and wrists and kickback that occurs with traditional tools, reducing the risk of repetitive motion injuries. EVO tools tension and apply HellermannTyton cable ties and Ratchet P-Clamps.

#### Features and Benefits

- Use with Tension Tab to tension and apply Ratchet P-Clamps.
- EVO tool models are available for tensioning and cutting 18- to 250-lb cable ties.
- Easy-to-adjust tension knob offers 33 different settings for precise, repeatable applications.
- Advanced ergonomic design minimizes necessary hand force and kickback to reduce repetitive



PART NO.	TYPE	Description	Cable Tie Series	Pkg. Qty.
110-70083	EVO7	EVO 7 Mechanical Hand Tool, Standard Hand Span 90	T18, T30, T40, T50, T80, IT18, IT50	1
110-70084	EVO7SP	EVO 7SP Mechanical Hand Tool, Short Hand Span 80	T18, T30, T40, T50, T80, IT18, IT50	1
110-80000	EVO9	EVO 9 Mechanical Hand Tool, Standard Hand Span	T50, T80, T120, T150, T250, T255, WS	1
110-80004	EVO9HT	EVO 9HT High Tension Mechanical Hand Tool	T120, T150, T250, T255, WS	1

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



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