

## Specification Sheet

Part Number: 151-01441

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.



Ratchet P-Clamp, 0.52 - 0.77" Bundle Dia, 180° Short, 0.51" Hole Dia, PA66HIRHSUV/ST/ZN, Black, 280/ctn

|                |            |
|----------------|------------|
| Article Number | 151-01441  |
| Type           | RCB180SM12 |
| Color          | Black (BK) |
| Quantity Per   | box        |

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description                 | 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. |
| Short Description                   | Ratchet P-Clamp, 0.52 - 0.77" Bundle Dia, 180° Short, 0.51" Hole Dia, PA66HIRHSUV/ST/ZN, Black, 280/ctn                                                                                                                                                                                                                                                                                                                                                                                                  |
| Global Part Name                    | RCB180SM12-PA66HIRHSUV/ST/ZN-BK                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Minimum Tensile Strength (Imperial) | 100.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Minimum Tensile Strength (Metric)   | 445                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Length L (Imperial)                 | 4.57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Length L (Metric)                   | 116.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Fixation Method                     | Screw Mounting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Variant                             | Short                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Width W (Imperial)                  | 1.37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Width W (Metric)                    | 34.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Bundle Diameter Min (Imperial)      | 0.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Bundle Diameter Min (Metric)        | 12.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

|                                       |                                                                                                      |
|---------------------------------------|------------------------------------------------------------------------------------------------------|
| Bundle Diameter Max (Imperial)        | 0.77                                                                                                 |
| Bundle Diameter Max (Metric)          | 19.5                                                                                                 |
| Cable Tie Width Max (Imperial)        | 0.52                                                                                                 |
| Cable Tie Width Max (Metric)          | 13.2                                                                                                 |
| Mounting Hole Diameter D (Imperial)   | 0.510                                                                                                |
| Mounting Hole Diameter D (Metric)     | 12.95 mm                                                                                             |
| Mounting Hole Diameter D Max (Metric) | 12.95                                                                                                |
| Stud Diameter (Metric)                | M12                                                                                                  |
| Mounting Hole Centers (Imperial)      | 2.08                                                                                                 |
|                                       |                                                                                                      |
| Material                              | Steel (ST) Zinc plated (ZN) Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV) |
| Material Shortcut                     | ZN PA66HIRHSUV ST                                                                                    |
| Flammability                          | UL 94 HB                                                                                             |
| Halogen Free                          | Yes                                                                                                  |
| UV Resistant (Yes/No)                 | Yes                                                                                                  |
| Plenum Rating                         | AH-2                                                                                                 |

|                              |                                   |
|------------------------------|-----------------------------------|
| Operating Temperature        | -40°F to +221°F (-40°C to +105°C) |
| Reach Compliant (Article 33) | Yes                               |
| ROHS Compliant               | Yes                               |
| UL Listed (US and Canada)    | Yes                               |
| UL Listed (US)               | Yes                               |
| Package Quantity (Imperial)  | 280                               |
| Package Quantity (Metric)    | 280                               |
| Customs Number               | 3926909988                        |

## About HellermannTyton

HellermannTyton is a global manufacturer of cable management and identification solutions for automotive, solar, electrical, construction, industrial automation, broadband and other OEM markets. The company's integrated approach to product design, sustainability, production, quality assurance and delivery is optimized to benefit local and global customers. HellermannTyton operates in 39 countries, with North American headquarters in Milwaukee, Wisconsin. ([www.hellermann.tyton.com](http://www.hellermann.tyton.com)).

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