

Specification Sheet

Part Number: MBT14H



316-grade stainless steel offers excellent resistance to salt spray, corrosion, weather and chemical resistance.

Self locking, ball bearing mechanism for quick and easy installation, either by hand or by tensioning tool.

Fully enclosed head prevents dirt or grit from interfering with locking mechanism.

High tensile strength for maximum strength and safety on heavy duty applications.

Stainless Steel Tie, 14.3" Long, 450lb Tensile Strength, SS316, Metal, 50/pkg

|                |            |
|----------------|------------|
| Article Number | 111-94149  |
| Type           | MBT14H     |
| Color          | Metal (ML) |
| Quantity Per   | bag        |

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description                 | HellermannTyton's stainless steel ties are designed with a ball bearing locking mechanism to assure high tensile strength and easy insertion when securing hoses, cables, pipes, and more. Stainless steel ties can be used in virtually any indoor, outdoor, or underground application. Grade 316 material is highly resistant to corrosion and widely used in marine environments where chemicals, salts, acids, and temperature extremes may affect the bundling application. MBT stainless steel ties in 316 stainless steel material are also available with a polyester protective coating. This coating creates a barrier and protectant from chemical reactions of dissimilar metals. |
| Short Description                   | Stainless Steel Tie, 14.3" Long, 450lb Tensile Strength, SS316, Metal, 50/pkg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Global Part Name                    | MBT14H-SS316-ML                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Minimum Tensile Strength (Imperial) | 450.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Minimum Tensile Strength (Metric)   | 2000.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Length L (Imperial)                 | 14.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Length L (Metric)                   | 362.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Identification Plate Position       | none                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Releasable Closure                  | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Tie Closure                         | ball bearing lock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Variant                             | Not Serrated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Width W (Imperial)                  | 0.31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Width W (Metric)                    | 7.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

|                                |                                                     |
|--------------------------------|-----------------------------------------------------|
| Bundle Diameter Min (Imperial) | 0.47                                                |
| Bundle Diameter Min (Metric)   | 12.0                                                |
| Bundle Diameter Max (Imperial) | 4.0                                                 |
| Bundle Diameter Max (Metric)   | 102.0                                               |
| Thickness T (Imperial)         | 0.01                                                |
| Thickness T (Metric)           | 0.3                                                 |
| Material                       | Stainless Steel (SS316)                             |
| Material Shortcut              | SS316                                               |
| Flammability                   | Non-burning (except coating)                        |
| Halogen Free                   | Yes                                                 |
| UV Resistant (Yes/No)          | No                                                  |
| Operating Temperature          | -112°F to +1000°F (-80°C to +538°C)                 |
| Reach Compliant (Article 33)   | Yes                                                 |
| ROHS Compliant                 | Yes                                                 |
| Certification/Specification    | DNV ABS   IEC 62275:2018 Bureau Veritas   IEC 60092 |

|                             |            |
|-----------------------------|------------|
| Package Quantity (Imperial) | 50         |
| Package Quantity (Metric)   | 50         |
| Customs Number              | 7326908695 |

## 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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