

Technical drawing of a mechanical part, likely a shaft or rod, showing dimensions and tolerances. The drawing includes a cross-section view on the left and a side view on the right.

Dimensions and Tolerances:

- $B \pm .01 ( .25 )$ : Dimension B with a tolerance of  $\pm .01$  and a note  $( .25 )$ .
- $A \pm .01 ( .25 )$ : Dimension A with a tolerance of  $\pm .01$  and a note  $( .25 )$ .
- $F \text{ REF.}$ : Dimension F with a reference note.
- $C \text{ REF.}$ : Dimension C with a reference note.

Other features include a cross-section labeled 'E' and a section labeled 'D'.

DIMENSIONS IN PARENTHESES ARE IN METRIC UNITS

DOME-TOP Barb Ty CABLE TIES  
BT SERIES

UNLESS OTHERWISE SPECIFIED,  
ALL DIMENSIONS ARE GIVEN  
IN INCHES, THIRD ANGLE PROJECTION.

SCALE

DWG  
A  
SIZE

|     |        |      |     |                                                      |         |      |     |  |  |
|-----|--------|------|-----|------------------------------------------------------|---------|------|-----|--|--|
|     |        |      |     |                                                      |         |      |     |  |  |
|     |        |      |     |                                                      |         |      |     |  |  |
|     |        |      |     |                                                      |         |      |     |  |  |
|     |        |      |     |                                                      |         |      |     |  |  |
|     |        |      |     |                                                      |         |      |     |  |  |
|     |        |      |     |                                                      |         |      |     |  |  |
|     |        |      |     |                                                      |         |      |     |  |  |
| 9   | 5/2/06 | JABO |     | REMOVED STRAIGHT TIP REFERENCE &<br>TIP STYLE COLUMN | 0037    | 9    |     |  |  |
| REV | DATE   | BY   | CHK | DESCRIPTION                                          | ECN - R | CUST | SUP |  |  |

A.  
System  
Overview

B1.  
Cable Ties

B2.  
Cable  
Accessories

B3.  
Stainless  
Steel Ties

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

E2.  
Labels

E3.  
Pre-Printed  
& Write-On  
Markers

E4.  
Permanent  
Identification

E5.  
Lockout/  
Tagout  
& Safety  
Solutions

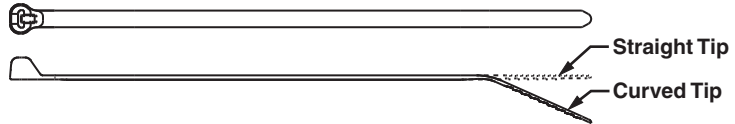
F.  
Index



## Dome-Top® Barb Ty Cable Ties – Weather Resistant Nylon 6.6

- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Dome-top head features unique patented design with round, smooth edges

- Stainless steel locking barb provides consistent performance, reliability, and infinite adjustability through entire bundle range
- High strength and low thread force
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



|                                          | Length |     | Width |     | Thickness |     | Max. Bundle Dia. |     | Min. Loop Tensile Str. |     | Recommended Installation Tool                          | Std. Pkg. Qty. | Std. Ctn. Qty. |
|------------------------------------------|--------|-----|-------|-----|-----------|-----|------------------|-----|------------------------|-----|--------------------------------------------------------|----------------|----------------|
| Part Number                              | In.    | mm  | In.   | mm  | In.       | mm  | In.              | mm  | Lbs.                   | N   |                                                        |                |                |
| Miniature Cross Section                  |        |     |       |     |           |     |                  |     |                        |     |                                                        |                |                |
| BT1M-C0                                  | 4.0    | 102 | .095  | 2.4 | .036      | .9  | .90              | 23  | 18                     | 80  | GTS, GTSL, GS2B, PTS, PPTS, STS2                       | 100            | 1000           |
| BT1.5M-C0                                | 6.3    | 160 | .095  | 2.4 | .046      | 1.2 | 1.50             | 38  | 18                     | 80  |                                                        | 100            | 1000           |
| BT2M-C0                                  | 7.9    | 201 | .095  | 2.4 | .046      | 1.2 | 2.00             | 51  | 18                     | 80  |                                                        | 100            | 1000           |
| BT4M-C0                                  | 14.2   | 361 | .095  | 2.4 | .046      | 1.2 | 4.00             | 102 | 18                     | 80  |                                                        | 100            | 1000           |
| Intermediate Cross Section               |        |     |       |     |           |     |                  |     |                        |     |                                                        |                |                |
| BT1.5I-C0                                | 6.1    | 155 | .141  | 3.6 | .041      | 1.0 | 1.50             | 38  | 40                     | 178 | GTS, GTSL, GS2B, PTS, PPTS, STS2                       | 100            | 1000           |
| BT2I-C0                                  | 8.0    | 203 | .141  | 3.6 | .041      | 1.0 | 2.00             | 51  | 40                     | 178 |                                                        | 100            | 1000           |
| BT3I-C0                                  | 11.3   | 287 | .141  | 3.6 | .049      | 1.2 | 3.00             | 76  | 40                     | 178 |                                                        | 100            | 1000           |
| BT4I-C0                                  | 14.3   | 363 | .141  | 3.6 | .049      | 1.2 | 4.00             | 102 | 40                     | 178 |                                                        | 100            | 1000           |
| Standard Cross Section                   |        |     |       |     |           |     |                  |     |                        |     |                                                        |                |                |
| BT2S-C0                                  | 8.0    | 203 | .185  | 4.7 | .045      | 1.1 | 2.00             | 51  | 50                     | 222 | GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2 | 100            | 1000           |
| BT3S-C0                                  | 12.0   | 305 | .185  | 4.7 | .052      | 1.3 | 3.00             | 76  | 50                     | 222 |                                                        | 100            | 1000           |
| BT4S-C0                                  | 15.1   | 384 | .185  | 4.7 | .052      | 1.3 | 4.00             | 102 | 50                     | 222 |                                                        | 100            | 1000           |
| Light-Heavy Cross Section (Straight Tip) |        |     |       |     |           |     |                  |     |                        |     |                                                        |                |                |
| BT2LH-L0                                 | 8.7    | 221 | .275  | 7.0 | .065      | 1.7 | 2.00             | 51  | 120                    | 534 | GTH, GS4H, GS4EH, PTH, STH2, ST3EH                     | 50             | 500            |
| BT3LH-L0                                 | 11.8   | 300 | .275  | 7.0 | .065      | 1.7 | 3.00             | 76  | 120                    | 534 |                                                        | 50             | 500            |
| BT4LH-L0                                 | 14.9   | 378 | .275  | 7.0 | .065      | 1.7 | 4.00             | 102 | 120                    | 534 |                                                        | 50             | 500            |
| BT5LH-L0                                 | 18.1   | 460 | .275  | 7.0 | .065      | 1.7 | 5.00             | 127 | 120                    | 534 |                                                        | 50             | 500            |
| BT6LH-L0                                 | 21.2   | 538 | .275  | 7.0 | .065      | 1.7 | 6.00             | 152 | 120                    | 534 |                                                        | 50             | 500            |
| BT7LH-L0                                 | 24.4   | 620 | .275  | 7.0 | .065      | 1.7 | 7.00             | 178 | 120                    | 534 |                                                        | 50             | 500            |
| BT8LH-L0                                 | 27.5   | 699 | .275  | 7.0 | .065      | 1.7 | 8.00             | 203 | 120                    | 534 |                                                        | 50             | 500            |
| BT9LH-L0                                 | 30.7   | 780 | .275  | 7.0 | .065      | 1.7 | 9.00             | 229 | 120                    | 534 |                                                        | 50             | 500            |

Note: UL Recognized, UL Listed, and CSA Certified, except LH cross section.