Features and Benefits – Dome-Top® Barb Ty Cable Ties
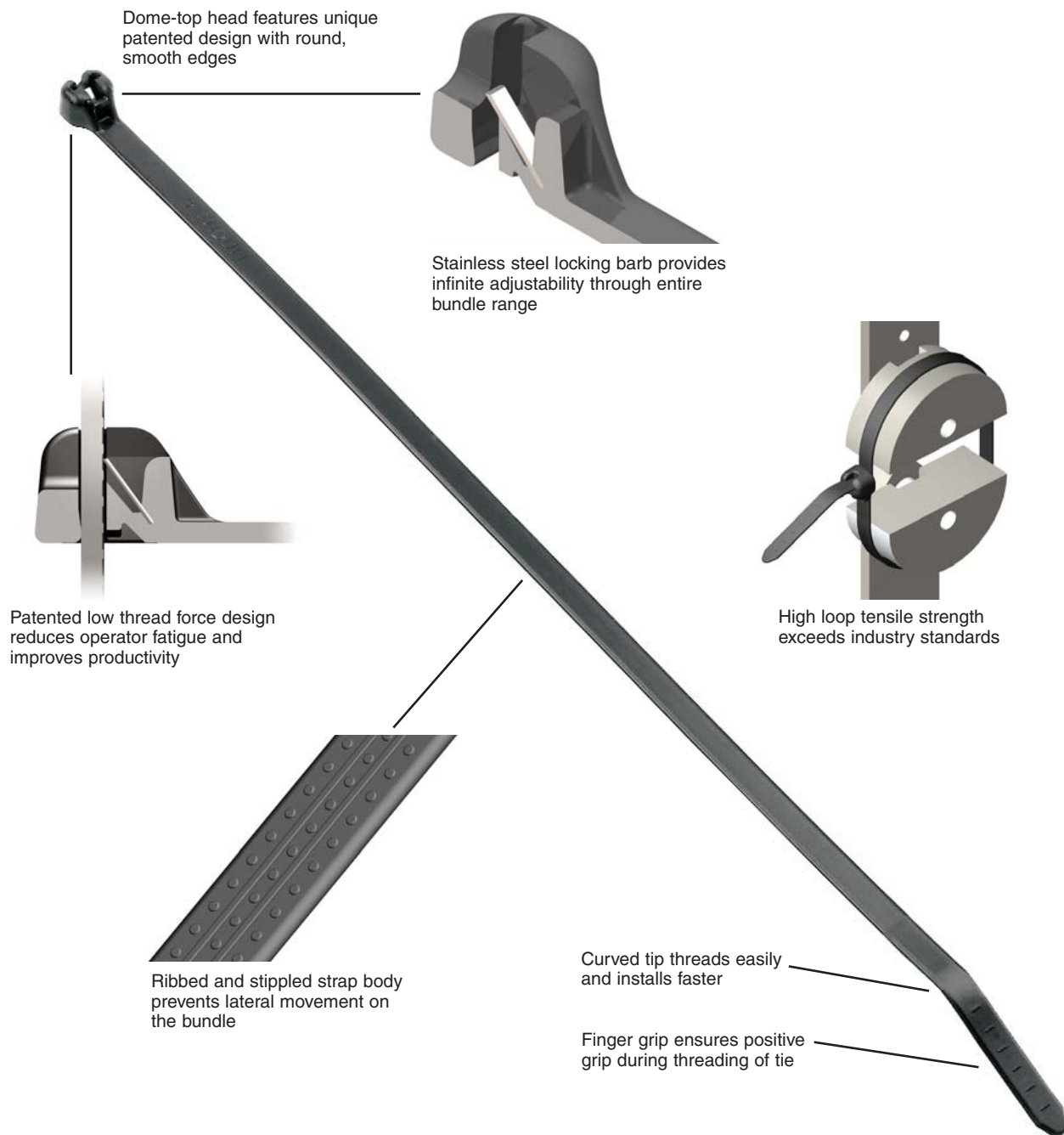
Two-piece design incorporates a stainless steel locking barb in a nylon cable tie.

Dome-top head features unique patented design with round, smooth edges

Stainless steel locking barb provides infinite adjustability through entire bundle range

Patented low thread force design reduces operator fatigue and improves productivity

High loop tensile strength exceeds industry standards

Ribbed and stippled strap body prevents lateral movement on the bundle

Curved tip threads easily and installs faster

Finger grip ensures positive grip during threading of tie

Cable tie tools speed installation and reduce total installed cost.

See pages B1.109 – B1.114.

Cable tie accessories are used to speed and simplify the mounting of wires, cables, and tubing.

See pages B2.1 – B2.29.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Selection Guide – Dome-Top® Barb Ty and Dura-Ty™ Cable Ties
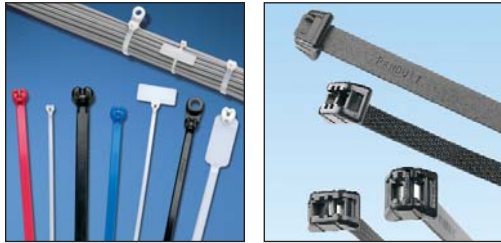
Material, Color (Suffix)	Style/Function	Part Number Prefix	Catalog Page
Nylon 6.6, Natural (No Suffix)	Locking Ties/Bundle	BT	B1.45
	Clamp Ties/Mount	BC	B1.48
	Push Mount Ties/Mount	BW	B1.50
	Marker Ties/Identify	BF, BM, B2M, B3M, B4M	B1.52
Weather Resistant Nylon 6.6, Black (0)	Locking Ties/Bundle	BT	B1.46
	Clamp Ties/Mount	BC	B1.49
	Push Mount Ties/Mount	BW, BP	B1.50,51
	Marker Ties/Identify	BF, BM, B2M, B3M, B4M	B1.52
Heat Stabilized Nylon 6.6, Black (30)	Locking Ties/Bundle	BT	B1.47
	Clamp Ties/Mount	BC	B1.49
Heat Stabilized Nylon 6.6, Natural (39)	Locking Ties/Bundle	BT	B1.47
Weather Resistant Acetal, Black	Locking Ties/Bundle	DT	B1.53

Dome-Top® Barb Ty Cable Ties

Dura-Ty™ Cable Ties, Strapping, and Kits

Part Number System for Dome-Top® Barb Ty and Dura-Ty™ Cable Ties

BT   2   S   ―   C

Type	Size	Cross Section	Screw Hole Size	Package Size	Material/Color
BT = Locking Tie	Approx. Maximum Bundle Dia. (In.)	M = Miniature	(Clamp Ties Only)	Q = 25	See Page B1.54
BC = Clamp Tie		I = Intermediate	-S4 = #4 (M2.5)	L = 50	
BF = Flag Tie		S = Standard	-S6 = #6 (M3)	C = 100	
BM = Marker Tie		LH = Light-Heavy	-S8 = #8 (M4)	TL = 250	
BP = Push Mount Tie		H = Heavy	-S10 = #10 (M5)	D = 500	
BW = Wing Push Mount Tie		EH = Extra-Heavy	-S25 = 1/4 (M6)	M = 1000	
DT = Locking Tie				LR = 50' Reel	

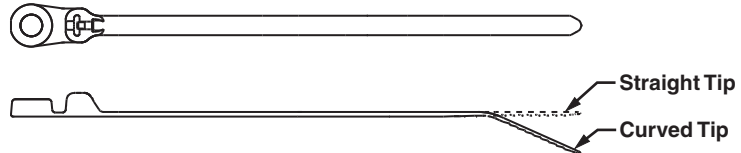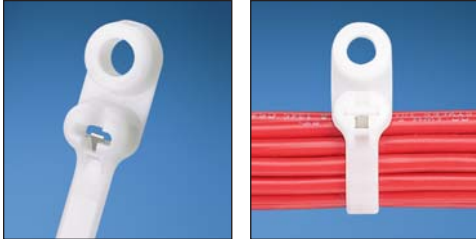Order number of pieces required, in multiples of Standard Package Quantity.   Prime items appear in **BOLD**.

Dome-Top® Barb Ty Clamp Ties – Nylon 6.6

- For indoor use
- Used to secure a cable bundle to another surface such as a control panel, communication rack, wall or ceiling
- Design allows for bundling before or after screwing clamp in place

- Stainless steel locking barb provides consistent performance, reliability, and infinite adjustability through entire bundle range
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation
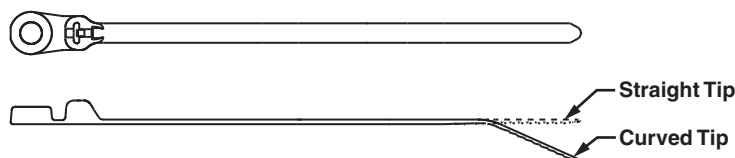- UL Listed for use in plenum or air handling spaces per NEC

Straight Tip

Curved Tip

Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Nominal Hole Dia. In.	Nominal Hole Dia. mm	Screw Size	Metric Screw Size	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Miniature Cross Section – Plenum-Rated																	
BC1M-S4-M	4.6	117	.095	2.4	.046	1.2	.122	3.1	#4	M2.5	.90	23	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	50000
BC2M-S4-M	8.3	211	.095	2.4	.046	1.2	.122	3.1	#4	M2.5	2.00	51	18	80		1000	25000
Intermediate Cross Section – Plenum-Rated																	
BC1.5I-S8-M	6.6	168	.141	3.6	.041	1.0	.174	4.4	#8	M4	1.50	38	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
Standard Cross Section – Plenum-Rated																	
BC2S-S10-C	8.5	216	.185	4.7	.052	1.3	.200	5.1	#10	M5	2.00	51	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
BC3S-S10-D	12.5	318	.185	4.7	.052	1.3	.200	5.1	#10	M5	3.00	76	50	222		500	5000
BC4S-S10-C	15.6	396	.185	4.7	.052	1.3	.200	5.1	#10	M5	4.00	102	50	222		100	1000
Light-Heavy Cross Section (Straight Tip) – Plenum-Rated																	
BC4LH-S25-L	15.5	394	.275	7.0	.065	1.7	.260	6.6	1/4	M6	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST3EH	50	500

Dome-Top® Barb Ty Clamp Ties – Weather Resistant and Heat Stabilized Nylon 6.6

- Weather Resistant material has greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Heat stabilized material for high temperature applications up to 239°F (115°C) – indoor use
- Used to secure a cable bundle to another surface such as a control panel, communication rack, wall or ceiling
- Design allows for bundling before or after screwing clamp in place
- Stainless steel locking barb provides consistent performance, reliability, and infinite adjustability through entire bundle range
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation

Straight Tip

Curved Tip

Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Nominal Hole Dia. In.	Nominal Hole Dia. mm	Screw Size	Metric Screw Size	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Weather Resistant Nylon 6.6																	
Miniature Cross Section																	
BC1M-S4-M0	4.6	117	.095	2.4	.046	1.2	.122	3.1	#4	M2.5	.90	23	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	50000
BC2M-S4-M0	8.3	211	.095	2.4	.046	1.2	.122	3.1	#4	M2.5	2.00	51	18	80		1000	25000
Intermediate Cross Section																	
BC1.5I-S8-M0	6.6	168	.141	3.6	.041	1.0	.174	4.4	#8	M4	1.50	38	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
Standard Cross Section																	
BC2S-S10-C0	8.5	216	.185	4.7	.052	1.3	.200	5.1	#10	M5	2.00	51	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
BC3S-S10-D0	12.5	318	.185	4.7	.052	1.3	.200	5.1	#10	M5	3.00	76	50	222		500	5000
BC4S-S10-C0	15.6	396	.185	4.7	.052	1.3	.200	5.1	#10	M5	4.00	102	50	222		100	1000
Light-Heavy Cross Section (Straight Tip)																	
BC4LH-S25-L0	15.5	394	.275	7.0	.065	1.7	.260	6.6	1/4	M6	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST3EH	50	500
Heat Stabilized Nylon 6.6																	
Standard Cross Section																	
BC4S-S10-D30	15.6	396	.185	4.7	.052	1.3	.200	5.1	#10	M5	4.00	102	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STH2, STS2	500	5000

Note: UL Recognized and CSA Certified except BC4LH-S25-L0.