

# Bow-Tie Locking Cotter<sup>TM</sup>



Stainless available -  
call for samples & pricing

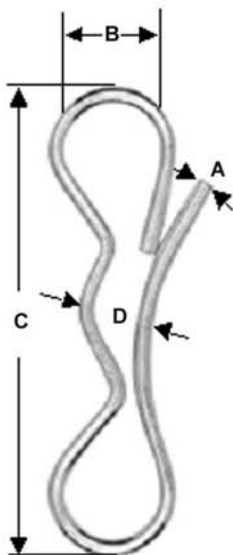
## Bow-Tie Locking Cotter<sup>TM</sup>

Patent No.'s 6,135,693

and D 431,181

The Bow-Tie Locking Cotter<sup>TM</sup> works like a hairpin cotter but locks itself on! Push or pull cotter leg into hole, Bow-Tie snaps into a zero-tension locked position. It is easily released by lifting loop and sliding off, but reduces the risk of being accidentally knocked or vibrated off, as with hairpin cotters. Made from hard drawn MB spring wire with an attractive zinc plated finish. Use in any hole location to ensure secure fastening.

### Bow-Tie Locking Cotter<sup>TM</sup>



Part No.	Fits Shaft Sizes	Recommended Minimum Hole Dia	A	B	C	D
Bow-54	3/16	.072	.054	.182	1.000	.200
	1/4	.072				
Bow-72	1/4	.094	.072	.250	1.375	.260
	5/16	.094				
Bow-91	3/8	.156				
	5/16	.109	.091	.375	1.875	.305
Bow-91-8	3/8	.125				
	7/16	.125	.091	.375	1.875	.356
Bow-120	1/2	.141				
	7/16	.141	.120	.563	2.750	.430
Bow - 120 - 10	5/8	.156	.120	.562	2.750	.490
Bow - 148 - 10	5/8	.203	.148	.687	3.578	.540
Bow - 120 - 12	3/4	.156	.120	.562	2.750	.545
Bow - 148 - 12	3/4	.203	.148	.687	3.578	.600
Bow - 177 - 16	1	.218	.177	.875	4.578	.762

Unless otherwise noted, all dimensions are for reference only.

- To install, push or pull Bow-Tie into hole.
- Bow-Tie snaps into a zero-tension locked position!
- You can even flip the Bow-Tie over the end...it stays locked!
- Pull locking loop up and over to release.

### Bow-Tie Locking Cotter<sup>TM</sup> - Zinc Plated

Part No.	Fits Shaft Size	Approximate Weight/Pounds per 100 pieces
Bow-54	3/16 - 1/4	.15
Bow-72	1/4 - 3/8	.39
Bow-91	5/16 - 3/8	.89
Bow-91-8	7/16 - 1/2	.87
Bow-120	7/16 - 1/2	2.20
Bow-120-10	5/8	2.20
Bow-148-10	5/8	4.27
Bow-120-12	3/4	2.16
Bow-148-12	3/4	4.23
Bow-177-16	1	7.96

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## Bow-Tie Locking Cotter<sup>TM</sup> Cont'd

Bow-54  
Fits 3/16" - 1/4" Shafts



Bow-72  
Fits 1/4" - 3/8" Shafts



Bow-91  
Fits 5/16" - 3/8" Shafts



Bow-91-8  
Fits 7/16" - 1/2" Shafts



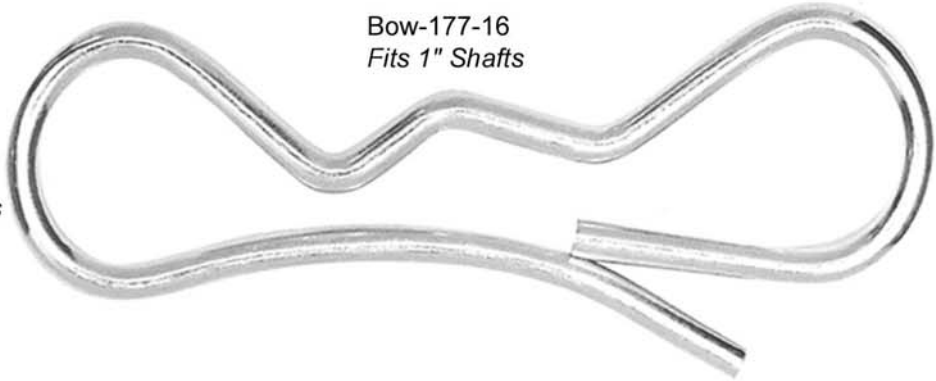
Bow-120  
Fits 7/16" - 1/2" Shafts



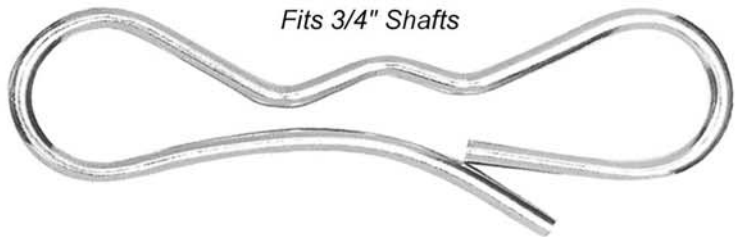
Bow-120-10  
Fits 5/8" Shafts



Bow-177-16  
Fits 1" Shafts



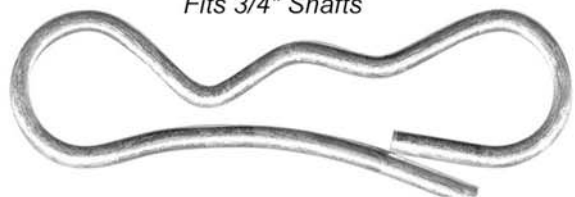
Bow-148-12  
Fits 3/4" Shafts



Bow-148-10  
Fits 5/8" Shafts



Bow-120-12  
Fits 3/4" Shafts



Stock Bow-Ties shown at approximate full size.  
See recommended hole sizes on page 23 QRP