



Heyco® Thin Panel Bushings

Multiple Locking Steps for Panels as Thin as .020" (0,5 mm)
 Mounting Hole Diameter Range: .218" (5,5 mm) to .875" (22,2 mm)*

- For use in panels as thin as .020" (0,5 mm).
- Convert raw-edged holes to smooth, neat, insulated holes.
- Insulate and mechanically protect electrical and telecommunications cables, tubing, hose, rope, and utility lines.
- Locking fingers snap into holes with fingertip pressure.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Withstand a push back force of greater than 35 pounds.
- Available in multiple sizes for use in .218" (5,5 mm) to .875" (22,2 mm) diameter holes.

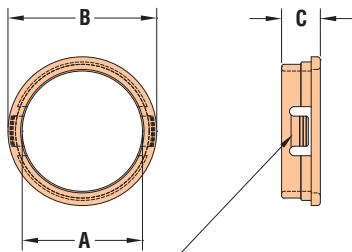
PANEL DIMENSIONS				PART NO.		DESCRIPTION	PART DIMENSIONS								
Thickness at Locking Finger Steps		Mounting Hole Diameter*		Black	White		A Inside Diameter		B Head Diameter		C Overall Height				
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.			
Three Steps to .048" (1,2 mm) Thick															
.020 .032 .048	0,5	.218	5,5	2859N	2860N	B 218-125N	.13	3,2	.28	7,1	.24	6,0			
		.250	6,4	2003N	2004N	B 250-187N	.19	4,7	.31	7,9					
	.281	7,1	2853N	2854N	B 281-218N	.22	5,6	.34	8,7						
	.312	7,9	2810N	2811N	B 312-250N	.25	6,3	.38	9,5						
	.343	8,7	2856N	2857N	B 343-218N	.22	5,6	.41	10,3						
.048	1,2	.375	9,5	2803N	2804N	B 375-250N	.25	6,3	.44	11,1	.25	6,4			
		Five Steps to .064" (1,6 mm) Thick													
		.500	12,7	2820N	2821N	B 500-375N	.38	9,5	.56	14,3			.25	6,4	
.625	15,9	2827N	2828N	B 625-500N	.50	12,7	.70	17,9							
.750	19,1	2836N	2837N	B 750-625N	.63	15,9	.94	23,8							
.875	22,2	2850N	2851N	B 875-750N	.75	19,0	.95	24,0							

Standard colors black and white. Consult Heyco for other colors.

*Consult Heyco for other mounting hole diameters. Our Xcell Rapid Response Team is ready to meet your requirements.

Heyco® Thin Panel versus Shorty Bushings

Choose from Multiple Locking Steps, for the Fit and Finish Your Application Requires



MULTIPLE FINGER STEPS FOR TIGHT, FINISHED PANEL FIT.

Mounting Hole Diameter	PANEL DIMENSIONS					PART NO.		DESCRIPTION	
	Maximum Thickness Locking Steps					Black	White		
	inches/millimeters								
in.	mm.	.020 0,5	.032 0,8	.040 1,0	.048 1,2	.064 1,6			
.218	5,5	x	x		x		2859N	2860N	B 218-125N
						x	2859	2860	B 218-125
.250	6,4	x	x		x		2003N	2004N	B 250-187N
		x	x		x		2853N	2854N	B 281-218N
.281	7,1					x	2853	2854	B 281-218
		x	x		x		2810N	2811N	B 312-250N
.312	7,9					x	2810	2811	B 312-250
		x	x		x		2856N	2857N	B 343-218N
.343	8,7					x	2856	2857	B 343-218
		x	x		x		2803N	2804N	B 375-250N
.375	9,5					x	2803	2804	B 375-250
		x	x	x	x	x	2820N	2821N	B 500-375N
.500	12,7					x	2820	2821	B 500-375
		x	x	x	x	x	2827N	2828N	B 625-500N
.625	12,7					x	2827	2828	B 625-500
		x	x	x	x	x	2836N	2837N	B 750-625N
.750	19,1					x	2836	2837	B 750-625
		x	x	x	x	x	2850N	2851N	B 875-750N
.875	22,2					x	2850	2851	B 875-750

Material

Nylon 6/6

Certifications

Recognized under the Component Program of Underwriters' Laboratories, File E15331

Certified by Canadian Standards Association, File 8919

Flammability Rating

94V-2

Temperature Range

-4°F (-18°C) to 221°F (105°C)

Quick Specs

Mouser Electronics

Authorized Distributor

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[Heyco:](#)

[2803N](#) [2810N](#) [2820N](#) [2827N](#) [2836N](#) [2850N](#) [2003N](#) [2853N](#) [2856N](#) [2859N](#) [2811N](#) [2804N](#) [2004N](#) [2851N](#)
[2821N](#) [2860N](#) [2828N](#) [2857N](#) [2854N](#) [2837N](#)