



## 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.

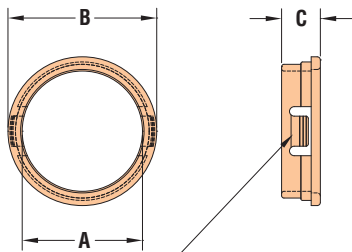
PANEL DIMENSIONS				PART NO.		DESCRIPTION	PART DIMENSIONS					
Thickness at Locking Finger Steps		Mounting Hole Diameter*		Black	White		A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.
Three Steps to .048" (1,2 mm) Thick												
.020 .032 .048	0,5	.218	5,5	<b>2859N</b>	<b>2860N</b>	B 218-125N	.13	3,2	.28	7,1	.24	6,0
		.250	6,4	<b>2003N</b>	<b>2004N</b>	B 250-187N	.19	4,7	.31	7,9		
	0,8 1,2	.281	7,1	<b>2853N</b>	<b>2854N</b>	B 281-218N	.22	5,6	.34	8,7		
		.312	7,9	<b>2810N</b>	<b>2811N</b>	B 312-250N	.25	6,3	.38	9,5		
		.343	8,7	<b>2856N</b>	<b>2857N</b>	B 343-218N	.22	5,6	.41	10,3		
.375	9,5	<b>2803N</b>	<b>2804N</b>	B 375-250N	.25	6,3	.44	11,1				
Five Steps to .064" (1,6 mm) Thick												
.020 .032 .040 .064	0,5	.500	12,7	<b>2820N</b>	<b>2821N</b>	B 500-375N	.38	9,5	.56	14,3	.25	6,4
		.625	15,9	<b>2827N</b>	<b>2828N</b>	B 625-500N	.50	12,7	.70	17,9		
	0,8 1,0 1,6	.750	19,1	<b>2836N</b>	<b>2837N</b>	B 750-625N	.63	15,9	.83	21,1		
		.875	22,2	<b>2850N</b>	<b>2851N</b>	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		<b>2859N</b>	<b>2860N</b>	B 218-125N
						x		<b>2859</b>	<b>2860</b>
.250	6,4	x	x		x		<b>2003N</b>	<b>2004N</b>	B 250-187N
				x		x		<b>2853N</b>	<b>2854N</b>
.281	7,1					x	<b>2853</b>	<b>2854</b>	B 281-218
		x	x		x			<b>2810N</b>	<b>2811N</b>
.312	7,9					x	<b>2810</b>	<b>2811</b>	B 312-250
		x	x		x			<b>2856N</b>	<b>2857N</b>
.343	8,7					x	<b>2856</b>	<b>2857</b>	B 343-218
		x	x		x			<b>2803N</b>	<b>2804N</b>
.375	9,5					x	<b>2803</b>	<b>2804</b>	B 375-250
		x	x	x	x	x		<b>2820N</b>	<b>2821N</b>
.500	12,7					x	<b>2820</b>	<b>2821</b>	B 500-375
		x	x	x	x	x		<b>2827N</b>	<b>2828N</b>
.625	12,7					x	<b>2827</b>	<b>2828</b>	B 625-500
		x	x	x	x	x		<b>2836N</b>	<b>2837N</b>
.750	19,1					x	<b>2836</b>	<b>2837</b>	B 750-625
		x	x	x	x	x		<b>2850N</b>	<b>2851N</b>
.875	22,2					x	<b>2850</b>	<b>2851</b>	B 875-750

Material  
 Certifications

Nylon 6/6

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

Certified by Canadian Standards Association, File 8919

Flammability Rating  
 Temperature Range

94V-2

-4°F (-18°C) to 221°F (105°C)

Quick Specs