

# Heyco® PCB Supports Selection Guide

## Imperial Spacing Lengths

PCB Mounting Hole Diameter		CHASSIS				MOUNTING STYLES		SERIES	PAGE
in.	mm.	Maximum Thickness		Mounting Hole Diameter		PCB End	Chassis End		
		in.	mm.	in.	mm.				

Flat Rest Mounts

.000	0,0	.062	1,6	.098	2,5	flat rest mount	teardrop snap lock	HPS-TD	7-11
		.078	2,0	.125	3,2	flat rest mount	arrowhead snap lock	HMPS	7-11
				.187	4,8	flat rest mount	arrowhead snap lock	HPS	7-9

For PCB's up to .062" (1,6 mm) Thick

.098	2,5	.039	1,0	.079	2,0	teardrop snap lock	teardrop snap lock	HSP-MDL-3	7-11
		.062	1,6	.098	2,5	teardrop snap lock	teardrop snap lock	HDLSPTH	7-4
				cupped teardrop lock	cupped teardrop lock	HCDLCBST	7-9		
				bayonet snap lock 8,7	teardrop snap lock	HTLSP	7-7		
.125	3,2	.062	1,6	.125	3,2	two prong snap lock	two prong snap lock	HMSPDLN	7-10
						two prong snap fit	two prong snap lock	HMCBP	7-10
						bayonet snap lock 8,7	two prong snap lock	HLSP11	7-7
						bayonet snap lock 8,7	arrowhead snap lock	HLSP9	7-7
						two prong snap lock	two prong snap lock	HMSPDL	7-10
.152	3,9	.062	1,6	.154	3,9	two prong snap fit	two prong snap lock	HCBP	7-10
						bayonet snap lock 10,2	arrowhead snap lock	HLSP8	7-6
.157	4,0	.055	1,4	.188	4,8	flanged two prong snap lock	flanged two prong snap lock	HMSPS	7-11
						two prong snap lock	two prong snap lock	HSP1	7-4
		.062	1,6	.187	4,8	two prong snap lock	two prong snap lock	HSP3	7-4
				arrowhead snap lock	arrowhead snap lock	HSSL	7-9		
		.078	2,0	.187	4,8	bayonet snap fit 10,2	arrowhead snap lock	HLSP4	7-5
						bayonet snap lock 10,2	arrowhead snap lock	HLSP1	7-5
						arrowhead snap lock	arrowhead snap lock	HLSP7	7-6
						bayonet snap fit 10,2	winged two prong snap lock	HLSP10	7-7
						bayonet snap lock 10,2	winged two prong snap lock	HLSP5	7-6
		.141	3,6	.187	4,8	bayonet snap lock 10,2	arrowhead snap lock	HLSP2	7-5
.187	4,8	.062	1,6	.187	4,8	two prong snap lock	two prong snap lock	HSP2	7-4

For PCB's up to .078" (2,0 mm) Thick

.125	3,2	.078	2,0	.125	3,2	arrowhead snap lock	arrowhead snap lock	HDLSP4	7-8
.157	4,0	.078	2,0	.157	4,0	arrowhead snap lock	arrowhead snap lock	HDLSP5	7-8
				.187	4,8	arrowhead snap lock	arrowhead snap lock	HDLSP7	7-8
.187	4,8	.078	2,0	.187	4,8	arrowhead snap lock	arrowhead snap lock	HDLSP6	7-8
						bayonet snap lock 15,2	arrowhead snap lock	HLNCBS	7-9

For PCB's up to .090" (2,3 mm) Thick

.157	4,0	.078	2,0	.187	4,8	bayonet snap lock 10,9	arrowhead snap lock	HLSP3	7-5
		.141	3,6	.187	4,8	bayonet snap lock 10,9	arrowhead snap lock	HLSP6	7-6

NEW!

## Metric Spacing Lengths

PCB Mounting Hole Diameter		CHASSIS				MOUNTING STYLES		SERIES	PAGE
in.	mm.	Maximum Thickness		Mounting Hole Diameter		PCB End	Chassis End		
		in.	mm.	in.	mm.				

For PCB's up to .062" (1,6 mm) Thick

.098	2,5	.062	1,6	.098	2,5	teardrop snap lock	two prong snap lock	HSP-MDL-AH-1	7-13
		.141	3,6	.098	2,5	teardrop snap lock	teardrop snap lock	HSP-MDL-1	7-12
.138	3,5	.062	1,6	.138	3,5	teardrop snap lock	teardrop snap lock	HSP-MDLS-1	7-12
		.141	3,6	.138	3,5	teardrop snap lock	teardrop snap lock	HSP-MDLS-2	7-12
.157	4,0	.062	1,6	.157	4,0	wingless arrowhead	wingless arrowhead	HDLSP1	7-13
				.187	4,8	wingless arrowhead	wingless arrowhead	HDLSP3	7-13
.187	4,8	.062	1,6	.187	4,8	wingless arrowhead	wingless arrowhead	HDLSP2	7-13

## Reverse Locking Supports

PCB Mounting Hole Diameter		CHASSIS Maximum Thickness		Mounting Hole Diameter		MOUNTING STYLES		SPACING	SERIES	PAGE		
in.	mm.	in.	mm.	in.	mm.	PCB End	Chassis End					
Flat Rest Mounts												
.000	0,0	.062	1,6	.187	4,8	flat rest mount	reverse button lock	Imperial	HLCBSC3	7-14		
				.213	5,4	flat rest mount	reverse button lock	Imperial	HLCBSC11	7-16		
For PCB's up to .062" (1,6 mm) Thick												
.125	3,2	.062	1,6	.187	4,8	bayonet snap lock 8,7	reverse button lock	Imperial	HLCBSC2	7-14		
						two prong snap lock	reverse button lock	Imperial	HLCBSC8	7-15		
						bayonet snap fit 8,7	reverse button lock	Imperial	HLCBSC9	7-15		
.157	4,0	.047	1,2	.236	6,0	bayonet snap lock 10,2	reverse button lock	Imperial	HLCBSC4	7-14		
						bayonet snap fit 10,2	reverse button lock	Imperial	HLCBSC13	7-16		
						arrowhead snap lock	reverse button lock	Imperial	HCPS	7-16		
						arrowhead snap lock	reverse button lock	Metric	HLCBSC	7-17		
		.062	1,6	.213	5,4	.213	5,4	arrowhead snap lock	reverse button lock	Imperial	HLCBSC10	7-17
								bayonet snap lock 10,2	reverse button lock	Imperial	HLCBSC6	7-15
		.067	1,7	.250	6,4	.250	6,4	bayonet snap lock 10,2	reverse button lock	Imperial	HLCBSC7	7-15
								bayonet snap lock 10,2	reverse button lock	Imperial	HLCBSC5	7-14
		.078	2,0	.213	5,4	.213	5,4	bayonet snap lock 10,2	reverse button lock	Imperial	HLCBS12-2	7-16
								arrowhead snap lock	reverse button lock	Imperial	HLCBS12-2	7-16

## Blind and Key Slot Mount Supports

PCB Mounting Hole Diameter		CHASSIS Maximum Thickness*		Mounting Hole Diameter		MOUNTING STYLES		SPACING	SERIES	PAGE
in.	mm.	in.	mm.	in.	mm.	PCB End	Chassis End			
Blind Mount, for PCB's up to .062" (1,6 mm) Thick										
.157	4,0	.250	6,4	.250	6,4	bayonet snap lock 10,2	blind fir tree	Imperial	HBS4	7-18
						bayonet snap fit 10,2	blind fir tree	Imperial	HBS5	7-19
						bayonet snap lock 10,2	blind fir tree	Imperial	HBS	7-18
						bayonet snap fit 10,2	blind fir tree	Imperial	HBS2	7-18
Blind Mount, for PCB's up to .078" (2,0 mm) Thick										
.157	4,0	.250	6,4	.250	6,4	arrowhead snap lock	blind fir tree	Imperial	HBS6	7-19
				.312	7,9	arrowhead snap lock	blind fir tree	Imperial	HBS3	7-18
Key Slot Mount - for PCB's up to .062" (1,6 mm) Thick										
.157	4,0	.062	1,6	.157	4,0	bayonet snap lock 10,2	key slot	Imperial	HKSLBN	7-19

\*Minimum thickness for Blind Mount †For Panel Thicknesses see Rivet Table on page 19.

## Self-Retaining Spacers

PCB Mounting Hole Diameter		CHASSIS Maximum Thickness		Mounting Hole Diameter		MOUNTING STYLES		SPACING	SERIES	PAGE
in.	mm.	in.	mm.	in.	mm.	PCB End	Chassis End			
For PCB's up to .062" (1,6 mm) Thick										
.185	4,7	varies ††	#4	M3	M3	two prong snap lock	self-tap screw #4 or M3	Imperial	HSSRS4 †	7-20
						two prong snap lock	self-tap screw #4 or M3	Imperial	HSRS4	7-21
.232	5,9	varies ††	#6	M3	M3	two prong snap lock	self-tap screw #6 or M3	Imperial	HSSRS6 †	7-20
						two prong snap lock	self-tap screw #6 or M3	Imperial	HSRS6	7-21
						two prong snap lock	self-tap screw #8 or M4	Imperial	HSSRS8 †	7-20
						two prong snap lock	self-tap screw #8 or M4	Imperial	HSRS8	7-21

†Stackable ††Thread Depth varies with length of part.

## Screw and Lock Supports

PCB Mounting Hole Diameter		PART DATA Thread Depth		Mounting Screw		MOUNTING STYLES		SPACING	SERIES	PAGE
in.	mm.	in.	mm.	in.	mm.	PCB End	Chassis End			
For PCB's up to .062" (1,6 mm) Thick										
.157	4,0	.312	7,9	#6	M4	bayonet snap lock 10,2	self-tap screw #6	Imperial	HHCBS	7-22
		varies †				bayonet snap lock 10,2	female thread #M4	Imperial	HLCBS-TF-M4	7-22

### Screw and Lock Supports - continued

PCB Mounting Hole Diameter		PART DATA				MOUNTING STYLES		SPACING	SERIES	PAGE
in.	mm.	Thread Depth		Mounting Screw		PCB End	Chassis End			
For PCB's up to .062" (1,6 mm) Thick										
.157	4,0	varies †			M4	bayonet snap fit 10,2	female thread #M4	Imperial	HCBS-TF-M4	Consult Heyco
		varies †			6-32	bayonet snap lock 10,2	female thread 6-32	Imperial	HLCBS-TF-632	7-22
						bayonet snap fit 10,2	female thread 6-32	Imperial	HCBS-TF-632	7-22
PCB Thickness Varies										
.157	4,0	varies †			M3	bayonet snap lock 9,5	female thread M3	Metric	HTCBS-M3-6	Consult Heyco
					M4	bayonet snap lock 9,5	female thread M4		HTCBS-M3-8	
								HTCBS-M4-8		

†Thread Depth varies with length of part.

### Threaded Male Supports

PCB Mounting Hole Diameter		CHASSIS				MOUNTING STYLES		SPACING	SERIES	PAGE
in.	mm.	Part Thread Length		Mounting Hole Diameter		PCB End	Chassis End			
For PCB's up to .062" (1,6 mm) Thick										
.098	2,5	.250	6,4		M3	teardrop snap lock	male thread M3	Imperial	HMSCBST-M3	Consult Heyco
					M4	teardrop snap lock	male thread M4		HMSCBST-M4	
.125	3,2	.250	6,4		M3	bayonet snap lock 8,7	male thread M3	Imperial	HSCBS3	7-23
					M4	bayonet snap lock 8,7	male thread M4		HSCBS4	
				6-32		bayonet snap lock 8,7	male thread 6-32		HSCBS5	
.152	3,9	.236	6,0		M3	two prong snap fit	male thread M3	Imperial	HSCBS1-M3	7-25
					M4	two prong snap fit	male thread M4		HSCBS1-M4	
				6-32		two prong snap fit	male thread 6-32		HSCBS1-632	
.157	4,0	.250	6,4		M4	bayonet snap lock 10,2	male thread M4	Imperial	HSCBS	7-24
					8-32	bayonet snap lock 10,2	male thread 8-32		HSCBS8	
		.300	7,6		M4	bayonet snap lock 10,2	male thread M4	Imperial	HSCBS7	7-24
				6-32		bayonet snap lock 10,2	male thread 6-32		HSCBS6	
6-32	.300	7,6	6-32			double threaded male - .30" (7,6 mm) thread length	Imperial	HCBS-TMM	7-25	

### Adhesive-Back Mount Supports

PCB Mounting Hole Diameter		CHASSIS				MOUNTING STYLES		SPACING	SERIES	PAGE	
in.	mm.	Maximum Thickness		Mounting Hole Diameter		PCB End	Chassis End				
.000	0,0	.00	0,0	.00	0,0	flat rest mount	adhesive-back 12,7 sq	Imperial	HPSBM	Consult Heyco	
							adhesive-back 17,8 sq				Metric
.098	2,5	.00	0,0	.00	0,0	teardrop snap lock	adhesive-back 12,7 sq	Imperial	HCBS4	7-26	
.125	3,2	.00	0,0	.00	0,0	bayonet snap lock 8,7	adhesive-back 12,7 sq	Imperial	HCBS3	7-26	
.157	4,0	.00	0,0	.00	0,0	bayonet snap lock 10,2	adhesive-back 17,8 sq	Imperial	HCBS	7-26	
									Metric		HCBS-Metric
							adhesive-back 17,8 sq		Imperial		HCBS2

### Rivet Mount and Edge Holding Supports

PCB Mounting Hole Diameter		CHASSIS				MOUNTING STYLES		SPACING	SERIES	PAGE
in.	mm.	Maximum Thickness		Mounting Hole Diameter		PCB End	Chassis End			
Rivet Mount - For PCB's .062" (1,6 mm) thick										
.157	4,0	varies †		.165	4,2	bayonet snap lock 10,2	rivet	Imperial	HRLSP	7-28
Rivet Mount - For PCB's .078" (2,0 mm) thick										
.187	4,8	varies †		.165	4,2	arrowhead snap lock	rivet	Imperial	HSRLAHS	7-28
Edge Holding - For PCB's .062" (1,6 mm) thick										
.157	4,0	varies ††		6-32		edge snap lock	self-tap screw #6	Imperial	HTEHCBS	7-29
		.062	1,6	schematic		edge snap lock	reverse rectangular	Imperial	HRLHCBS	
		.078	2,0	.187	4,8	edge snap lock	arrowhead snap lock	Imperial	HEHCBS-7	

†For Panel Thicknesses see Rivet Table on page 7-28. ††Varies with length of screw.

### Threaded Hex Supports and Spacers

**ALL NEW PRODUCT!**

Nylon Male/Female Threaded Hex Supports	male thread	female thread	Both	MFS, MFSM	7-30
Nylon Tapped Hex Spacers	female thread	female thread	Both	HST, HSTM	7-31