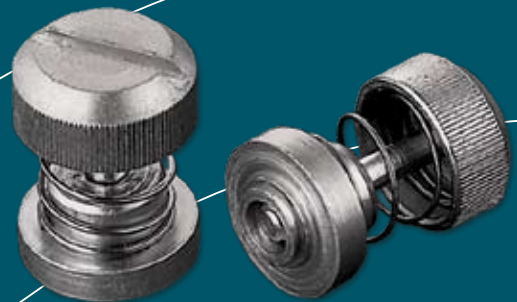




QUALITY FASTENERS™

MP SERIES
LOW-PROFILE CAPTIVE SCREWS
Designer's Guide



PRESS-IN SLOTTED DRIVE

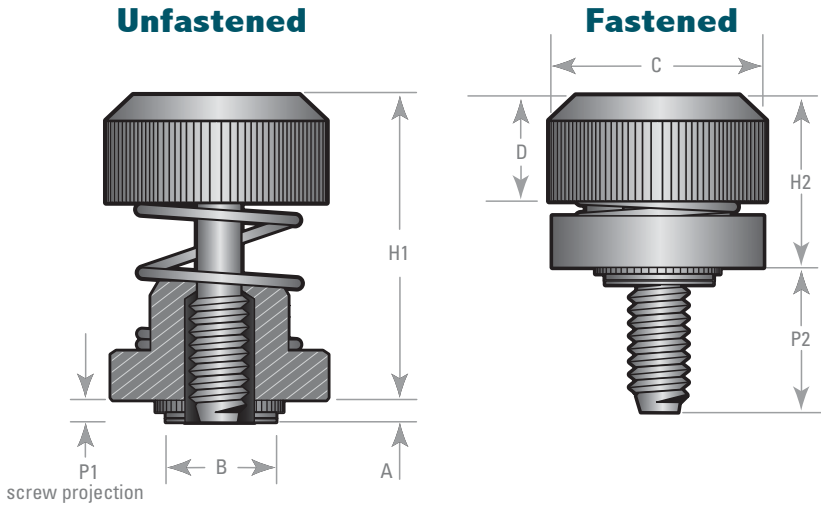
Thread	Clinch Height A	H1	H2	Screw Projection P1	Screw Projection P2	Min. Panel Thickness	X (+.003/-0.000)	B	C	D	Part Number (See next page to select items in parenthesis)
4-40	0.030	0.595	0.325	0	0.300	0.030	0.203	0.202	0.406	0.202	MPP-0450-0-() ()
	0.038										MPP-0450-1-() ()
	0.058										MPP-0450-2-() ()
6-32	0.030	0.595	0.325	0	0.300	0.030	0.219	0.218	0.438	0.202	MPP-0650-0-() ()
	0.038										MPP-0650-1-() ()
	0.058										MPP-0650-2-() ()
8-32	0.030	0.600	0.330	0	0.300	0.030	0.250	0.249	0.468	0.207	MPP-0850-0-() ()
	0.038										MPP-0850-1-() ()
	0.058										MPP-0850-2-() ()
10-32	0.030	0.605	0.335	0	0.300	0.030	0.312	0.311	0.530	0.220	MPP-1050-0-() ()
	0.038										MPP-1050-1-() ()
	0.058										MPP-1050-2-() ()
1/4-20	0.058	0.675	0.385	0	0.350	0.060	0.375	0.374	0.625	0.242	MPP-1450-2-() ()
Thread	Clinch Height A	H1	H2	Screw Projection P1	Screw Projection P2	Min. Panel Thickness	X (+.008/-0.000)	B	C	D	Part Number (See next page to select items in parenthesis)
M3	0.97	15.11	8.26	0	7.62	1.0	5.5	5.48	10.3	5.1	MPP-M350-1-() ()
	1.48					MPP-M350-2-() ()					
M4	0.97	15.24	8.38	0	7.62	1.0	6.4	6.38	11.9	5.3	MPP-M450-1-() ()
	1.48					MPP-M450-2-() ()					
M5	0.97	15.37	8.51	0	7.62	1.0	8.0	7.98	13.5	5.6	MPP-M550-1-() ()
	1.48					MPP-M550-2-() ()					
M6	1.48	17.15	9.78	0	8.89	1.5	9.5	9.48	15.9	6.1	MPP-M650-2-() ()

PRESS-IN OTHER DRIVES

Thread	Clinch Height A	H1	H2	Screw Projection P1	Screw Projection P2	Min. Panel Thickness	X (+.003/-0.000)	B	C	D	Part Number (See next page to select items in parenthesis)
4-40	0.030	0.520	0.340	0.000	0.230	0.030	0.203	0.202	0.406	0.207	MPP-04()0-0-() ()
				0.090	0.290						MPP-04()1-0-() ()
6-32	0.030	0.520	0.340	0.000	0.230	0.030	0.219	0.218	0.438	0.207	MPP-06()0-0-() ()
				0.090	0.290						MPP-06()1-0-() ()
8-32	0.030	0.530	0.340	0.000	0.230	0.030	0.250	0.249	0.468	0.217	MPP-08()0-0-() ()
				0.090	0.290						MPP-08()1-0-() ()
10-32	0.030	0.530	0.360	0.000	0.230	0.030	0.312	0.311	0.530	0.225	MPP-10()0-0-() ()
				0.090	0.290						MPP-10()1-0-() ()
1/4-20	0.058	0.600	0.395	0.000	0.280	0.060	0.375	0.374	0.625	0.246	MPP-14()0-0-() ()
				0.118	0.340						MPP-14()1-2-() ()
Thread	Clinch Height A	H1	H2	Screw Projection P1	Screw Projection P2	Min. Panel Thickness	X (+.008/-0.000)	B	C	D	Part Number (See next page to select items in parenthesis)
M3	0.77	13.21	8.64	0.00	5.84	0.8	5.50	5.48	10.3	5.3	MPP-M3()0-0-() ()
				2.29	7.37						MPP-M3()1-0-() ()
M3.5	0.77	13.21	8.64	0.00	5.84	0.8	5.56	5.54	11.1	5.3	MPP-35()0-0-() ()
				2.29	7.37						MPP-35()1-0-() ()
M4	0.77	13.46	8.64	0.00	5.84	0.8	6.40	6.38	11.9	5.5	MPP-M4()0-0-() ()
				2.29	7.37						MPP-M4()1-0-() ()
M5	0.77	13.46	9.15	0.00	5.84	0.8	8.00	7.98	13.5	5.7	MPP-M5()0-0-() ()
				2.29	7.37						MPP-M5()1-0-() ()
M6	1.47	15.24	10.04	0.00	7.11	1.5	9.50	9.48	15.9	6.3	MPP-M6()0-0-() ()
				2.99	8.64						MPP-M6()1-2-() ()

Also available with custom lengths, materials and sizes. Consult factory for details.

Knob Height Screw Projections (see specifications)



Press-in Features & Benefits

- Easy, one-step press operation allows for flush surface on the bottom of the sheet metal panel
- Most common installation method
- Ideal for thin sheet thickness applications
- Mounting hole centerline minimum 1.5 x installation hole diameter from panel edge; closer installation requires restraining panel edge.
- For use in materials 85Rb or softer

Material & Finish

Press-in (MPP)

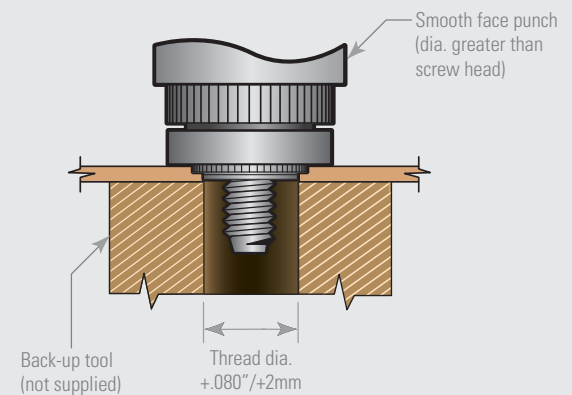
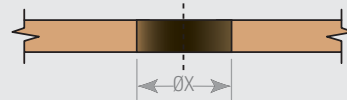
Screw: Carbon Steel, Nickel Plate or Black Nitride

Ferrule: 6000 Series Aluminum

Spring: 300 Stainless Steel

PRESS-IN PANEL PREPARATION & INSTALLATION

1. Prepare installation hole for correct thread size*. (Leave the hole edges sharp - DO NOT CHAMFER).
2. Press-in captive screw. Assure parallel surface on the punch and back-up tool.



*Recommended minimum distance from edge of panel to center line of hole is 1.5 x ØX for press-in

Part Number Callout

Series Code	Captivation Code
[1]	[2]
Series	Captivation
MP	P Press-in F Flare-in L Floating

Thread Code	Drive Recess Code	Screw Length Code
[3]	[4]	[5]
Thread	Drive Recess	Screw Length
04 4-40	P Phillips	See Specification Chart
06 6-32	S Slotted	
08 8-32	T Six-lobe	
10 10-32	C Combo Slot Phillips	
14 1/4-20	E Combo Six-lobe/Slot	
M3 3mm		
35 3.5mm		
M4 4mm		
M5 5mm		
M6 6mm		

Ferrule Length Code
[6]
Ferrule Length
See Specification Chart

Texture Code	Finish Code
[7]	[8]
Texture Code	Finish Code
S Smooth	N Nickel
K Full Knurl	BT Black Nitride

FLARE-IN

Specifications

FLARE-IN SLOTTED DRIVE

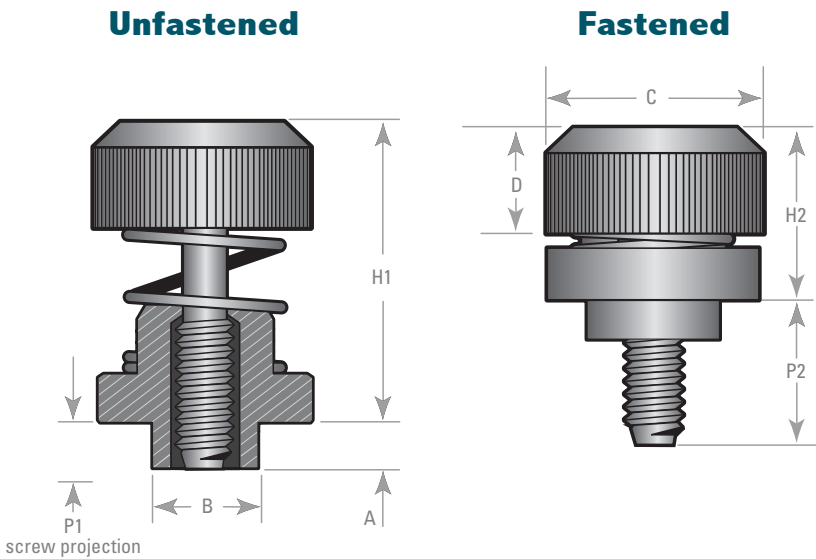
Thread	Flange Height A	H1	H2	Screw Projection P1	Screw Projection P2	Min. Panel Y	Max. Panel Y	E	X (+0.005/-0.000)	B	C	D	Part Number (See next page to select items in parenthesis)
4-40	0.041	0.595	0.325	0	0.300	0.031	0.058	0.015	0.185	0.181	0.406	0.202	MPF-0450-1-() ()
	0.070												MPF-0450-2-() ()
	0.104												MPF-0450-3-() ()
6-32	0.070	0.595	0.325	0	0.300	0.058	0.125	0.015	0.213	0.209	0.438	0.202	MPF-0650-2-() ()
	0.135												MPF-0650-4-() ()
	0.197												MPF-0650-6-() ()
8-32	0.070	0.600	0.330	0	0.300	0.058	0.125	0.015	0.266	0.262	0.468	0.207	MPF-0850-2-() ()
	0.135												MPF-0850-4-() ()
	0.197												MPF-0850-6-() ()
10-32	0.070	0.605	0.335	0	0.300	0.058	0.125	0.015	0.266	0.262	0.530	0.220	MPF-1050-2-() ()
	0.135												MPF-1050-4-() ()
	0.197												MPF-1050-6-() ()
1/4-20	0.070	0.675	0.385	0	0.350	0.058	0.125	0.015	0.323	0.319	0.625	0.242	MPF-1450-2-() ()
	0.135												MPF-1450-4-() ()
	0.197												MPF-1450-6-() ()
Thread	Flange Height A	H1	H2	Screw Projection P1	Screw Projection P2	Min. Panel Y	Max. Panel Y	E	X (+0.005/-0.000)	B	C	D	Part Number (See next page to select items in parenthesis)
M3	1.00	15.11	8.26	0	7.62	0.8	1.5	0.4	4.7	4.6	10.3	5.1	MPF-M350-1-() ()
	1.80												MPF-M350-2-() ()
	2.60												MPF-M350-3-() ()
M4	1.80	15.24	8.38	0	7.62	1.5	3.2	0.4	6.8	6.7	11.9	5.3	MPF-M450-2-() ()
	3.40												MPF-M450-4-() ()
	5.00												MPF-M450-6-() ()
M5	1.80	15.37	8.51	0	7.62	1.5	3.2	0.4	6.8	6.7	13.5	5.6	MPF-M550-2-() ()
	3.40												MPF-M550-4-() ()
	5.00												MPF-M550-6-() ()
M6	1.80	17.15	9.78	0	8.89	1.5	3.2	0.4	8.2	8.1	15.9	6.1	MPF-M650-2-() ()
	3.40												MPF-M650-4-() ()
	5.00												MPF-M650-6-() ()

FLARE-IN OTHER DRIVES

Thread	Flange Height A	H1	H2	Screw Projection P1	Screw Projection P2	Min. Panel Y	Max. Panel Y	E	X (+0.08/-0.000)	B	C	D	Part Number (See next page to select items in parenthesis)			
4-40	0.041	0.520	0.340	0.000	0.230	0.031	0.058	0.015	0.185	0.181	0.406	0.207	MPF-04()0-1-() ()			
				0.090	0.290								MPF-04()1-1-() ()			
				0.000	0.230								MPF-04()0-2-() ()			
	0.070			0.290	0.058	0.099	0.015	MPF-04()1-2-() ()								
	0.104			0.230	0.100	0.156	0.031	MPF-04()0-3-() ()								
	0.000			0.290	MPF-04()1-3-() ()											
6-32	0.070	0.520	0.340	0.000	0.230	0.058	0.125	0.015	0.213	0.209	0.438	0.207	MPF-06()0-2-() ()			
				0.090	0.290								MPF-06()1-2-() ()			
				0.000	0.230								0.126	0.187	0.062	MPF-06()0-4-() ()
	0.135			0.290	0.188	0.250	0.125	MPF-06()1-4-() ()								
	0.197			0.230	MPF-06()0-6-() ()											
	0.000			0.290	MPF-06()1-6-() ()											
8-32	0.070	0.530	0.340	0.000	0.230	0.058	0.125	0.015	0.266	0.262	0.468	0.217	MPF-08()0-2-() ()			
				0.090	0.290								0.126	0.187	0.062	MPF-08()1-2-() ()
				0.000	0.230								0.188	0.250	0.125	MPF-08()0-4-() ()
	0.135			0.290	0.058	0.125	0.015	MPF-08()1-4-() ()								
	0.197			0.230	0.126	0.187	0.062	MPF-08()0-6-() ()								
	0.000			0.290	0.188	0.250	0.125	MPF-08()1-6-() ()								
10-32	0.070	0.530	0.360	0.000	0.230	0.058	0.125	0.015	0.266	0.262	0.530	0.225	MPF-10()0-2-() ()			
				0.090	0.290								0.126	0.187	0.062	MPF-10()1-2-() ()
				0.000	0.230								0.188	0.250	0.125	MPF-10()0-4-() ()
	0.135			0.290	0.058	0.125	0.015	MPF-10()1-4-() ()								
	0.197			0.230	0.126	0.187	0.062	MPF-10()0-6-() ()								
	0.000			0.290	0.188	0.250	0.125	MPF-10()1-6-() ()								
1/4-20	0.070	0.600	0.395	0.000	0.230	0.058	0.125	0.015	0.323	0.319	0.625	0.246	MPF-14()0-2-() ()			
				0.090	0.290								0.126	0.187	0.062	MPF-14()1-2-() ()
				0.000	0.230								0.188	0.250	0.125	MPF-14()0-4-() ()
	0.135			0.290	0.058	0.125	0.015	MPF-14()1-4-() ()								
	0.197			0.230	0.126	0.187	0.062	MPF-14()0-6-() ()								
	0.000			0.290	0.188	0.250	0.125	MPF-14()1-6-() ()								
Thread	Flange Height A	H1	H2	Screw Projection P1	Screw Projection P2	Min. Panel Y	Max. Panel Y	E	X (+0.08/-0.000)	B	C	D	Part Number (See next page to select items in parenthesis)			
M3	1.0	13.21	8.64	0.00	5.84	0.8	1.5	0.4	4.7	4.6	10.3	5.3	MPF-M3()0-1-() ()			
	1.8			2.29	7.37								1.5	2.5	0.4	MPF-M3()1-2-() ()
	2.6			0.00	7.37								2.5	4.0	0.8	MPF-M3()1-3-() ()
M3.5	1.8	13.21	8.64	0.00	5.84	1.5	3.2	0.4	5.4	5.3	11.1	5.3	MPF-35()0-2-() ()			
	3.4			0.00	7.37								3.2	4.7	1.6	MPF-35()1-4-() ()
	5.0			0.00	7.37								4.8	6.4	3.2	MPF-35()1-6-() ()
M4	1.8	13.46	8.64	0.00	5.84	1.5	3.2	0.4	6.8	6.7	11.9	5.5	MPF-M4()0-2-() ()			
	3.4			0.00	7.37								3.2	4.7	1.6	MPF-M4()1-4-() ()
	5.0			0.00	7.37								4.8	6.4	3.2	MPF-M4()1-6-() ()
M5	1.8	13.46	9.15	0.00	5.84	1.5	3.2	0.4	6.8	6.7	13.5	5.7	MPF-M5()0-2-() ()			
	3.4			0.00	7.37								3.2	4.7	1.6	MPF-M5()1-4-() ()
	5.0			0.00	7.37								4.8	6.4	3.2	MPF-M5()1-6-() ()
M6	1.8	15.24	10.04	0.00	5.84	1.5	3.2	0.4	8.2	8.1	15.9	6.3	MPF-M6()0-2-() ()			
	3.4			0.00	7.11								3.2	4.7	1.6	MPF-M6()1-4-() ()
	5.0			0.00	8.64								4.8	6.4	3.2	MPF-M6()1-6-() ()

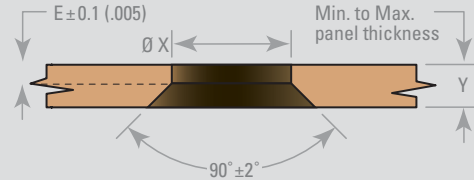
Also available with custom lengths, materials and sizes. Consult factory for details.

Knob Height Screw Projections (see specifications)



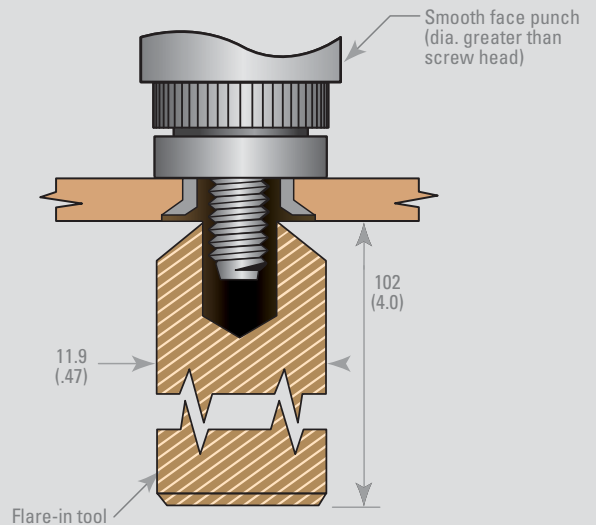
FLARE-IN PANEL PREPARATION & INSTALLATION

1. Prepare installation hole for correct thread size



2. Install flare-in tool into press.

3. Center tool over screw thread. Use light pressure to flare the ferrule.



Flare-in Features & Benefits

- Near-edge installation in plastics, castings, hardened steel and other non-metallics
- Withstands higher side loading vs. press-in
- Lower installation force than press-in

Material & Finish

Flare-in (MPF)

Screw: Carbon Steel, Nickel Plate or Black Nitride

Ferrule: 6000 Series Aluminum

Spring: 300 Stainless Steel

Part Number Callout

Series Code	Captivation Code	Thread Code	Drive Recess Code	Screw Length Code	Ferrule Length Code	Texture Code	Finish Code
[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
Series	Captivation	Thread	Drive Recess	Screw Length	Ferrule Length	Texture Code	Finish Code
MP	P Press-in F Flare-in L Floating	04 4-40 06 6-32 08 8-32 10 10-32 14 1/4-20 M3 3m 35 3.5mm M4 4mm M5 5mm M6 6mm	P Phillips S Slotted T Six-lobe C Combo Slot Phillips E Combo Six-lobe/Slot	See Specification Chart	See Specification Chart	S Smooth K Full Knurl	N Nickel BT Black Nitride

FLOATING SLOTTED

Specifications

FOATING SLOTTED DRIVE

Thread	Flange Height A	H1	H2	Screw Projection		Min. Panel Y	Max. Panel Y	E	X (+.003/-0.000)	Counterbore F	B	C	D	Part Number
				P1	P2									(See next page to select items in parenthesis)
4-40	0.101	0.595	0.325	0	0.300	0.031	0.063	0.080	0.250	0.375	0.194	0.406	0.202	MPL-0450-0-() ()
	0.132													MPL-0450-1-() ()
	0.164													MPL-0450-2-() ()
6-32	0.113	0.595	0.325	0	0.300	0.031	0.063	0.115	0.283	0.413	0.224	0.438	0.202	MPL-0650-0-() ()
	0.144													MPL-0650-1-() ()
	0.176													MPL-0650-2-() ()
8-32	0.127	0.600	0.330	0	0.300	0.031	0.063	0.121	0.346	0.469	0.287	0.468	0.207	MPL-0850-0-() ()
	0.158													MPL-0850-1-() ()
	0.190													MPL-0850-2-() ()
10-32	0.127	0.605	0.335	0	0.300	0.031	0.063	0.121	0.346	0.469	0.287	0.530	0.220	MPL-1050-0-() ()
	0.158													MPL-1050-1-() ()
	0.190													MPL-1050-2-() ()
1/4-20	0.127	0.675	0.385	0	0.350	0.031	0.063	0.128	0.413	0.531	0.349	0.625	0.242	MPL-1450-0-() ()
	0.158													MPL-1450-1-() ()
	0.190													MPL-1450-2-() ()
Thread	Flange Height A	H1	H2	P1	P2	Min. Panel Y	Max. Panel Y	E	X (+.003/-0.000)	Counterbore F	B	C	D	Part Number
M3	2.6	15.11	8.26	0	7.62	0.8	1.6	2.8	6.4	9.4	4.9	10.3	5.1	MPL-M350-0-() ()
	3.4													MPL-M350-1-() ()
	4.2													MPL-M350-2-() ()
M4	3.2	15.24	8.38	0	7.62	0.8	1.6	3.1	8.8	12.0	7.3	11.9	5.3	MPL-M450-0-() ()
	4.0													MPL-M450-1-() ()
	4.8													MPL-M450-2-() ()
M5	3.2	15.37	8.51	0	7.62	0.8	1.6	3.1	8.8	12.0	7.3	13.5	5.6	MPL-M550-0-() ()
	4.0													MPL-M550-1-() ()
	4.8													MPL-M550-2-() ()
M6	3.2	17.15	9.78	0	8.89	0.8	1.6	3.3	10.5	13.5	8.9	15.9	6.1	MPL-M650-0-() ()
	4.0													MPL-M650-1-() ()
	4.8													MPL-M650-2-() ()

FLOATING OTHER DRIVES

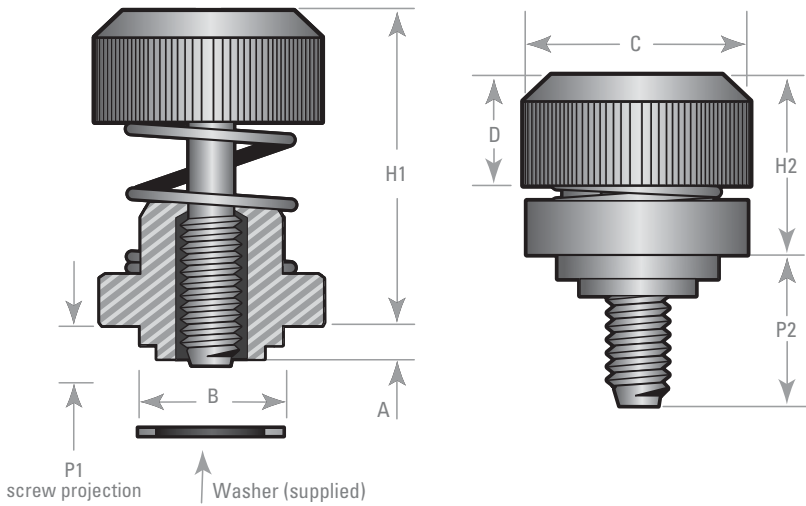
Thread	Flange Height A	H1	H2	Screw Projection		Min. Panel Y	Max. Panel Y	E	X (+.003/-0.000)	Counterbore F	B	C	D	Part Number
				P1	P2									(See next page to select items in parenthesis)
4-40	0.101	0.520	0.340	0.000	0.230	0.031	0.063	0.111	0.250	0.375	0.194	0.406	0.207	MPL-04()0-0-() ()
				0.000	0.290									MPL-04()1-0-() ()
				0.000	0.230									MPL-04()0-1-() ()
				0.000	0.290									MPL-04()1-1-() ()
				0.000	0.230									MPL-04()0-2-() ()
6-32	0.113	0.520	0.340	0.000	0.230	0.031	0.063	0.115	0.283	0.413	0.224	0.438	0.207	MPL-06()0-0-() ()
				0.000	0.290									MPL-06()1-0-() ()
				0.000	0.230									MPL-06()0-1-() ()
				0.000	0.290									MPL-06()1-1-() ()
				0.000	0.230									MPL-06()0-2-() ()
8-32	0.127	0.530	0.340	0.000	0.230	0.031	0.063	0.121	0.346	0.469	0.287	0.468	0.217	MPL-08()0-0-() ()
				0.000	0.290									MPL-08()1-0-() ()
				0.000	0.230									MPL-08()0-1-() ()
				0.000	0.290									MPL-08()1-1-() ()
				0.000	0.230									MPL-08()0-2-() ()
10-32	0.127	0.530	0.360	0.000	0.230	0.031	0.063	0.121	0.346	0.469	0.287	0.530	0.225	MPL-10()0-0-() ()
				0.000	0.290									MPL-10()1-0-() ()
				0.000	0.230									MPL-10()0-1-() ()
				0.000	0.290									MPL-10()1-1-() ()
				0.000	0.230									MPL-10()0-2-() ()
1/4-20	0.127	0.600	0.395	0.000	0.230	0.031	0.063	0.128	0.413	0.531	0.349	0.625	0.246	MPL-14()0-0-() ()
				0.000	0.290									MPL-14()1-0-() ()
				0.000	0.230									MPL-14()0-1-() ()
				0.000	0.290									MPL-14()1-1-() ()
				0.000	0.280									MPL-14()0-2-() ()
Thread	Flange Height A	H1	H2	P1	P2	Min. Panel Y	Max. Panel Y	E	X (+.003/-0.000)	Counterbore F	B	C	D	Part Number
M3	2.6	13.21	8.64	0.00	5.84	0.8	1.6	2.8	6.4	9.4	4.9	10.3	5.3	MPL-M3()0-0-() ()
	3.4			MPL-M3()1-1-() ()										
	4.2			MPL-M3()1-2-() ()										
M3.5	2.9	13.21	8.64	0.00	5.84	0.8	1.6	2.9	7.2	10.5	5.7	11.1	5.3	MPL-35()0-0-() ()
	3.7			MPL-35()1-1-() ()										
	4.5			MPL-35()1-2-() ()										
M4	3.2	13.46	8.64	0.00	5.84	0.8	1.6	3.1	8.8	12.0	7.3	11.9	5.5	MPL-M4()0-0-() ()
	4.0			MPL-M4()1-1-() ()										
	4.8			MPL-M4()1-2-() ()										
M5	3.2	13.46	9.15	0.00	5.84	0.8	1.6	3.1	8.8	12.0	7.3	13.5	5.7	MPL-M5()0-0-() ()
	4.0			MPL-M5()1-1-() ()										
	4.8			MPL-M5()1-2-() ()										
M6	3.2	15.24	10.04	0.00	5.84	0.8	1.6	3.3	10.5	13.5	8.9	15.9	6.3	MPL-M6()0-0-() ()
	4.0			MPL-M6()1-1-() ()										
	4.8			MPL-M6()1-2-() ()										

Also available with custom lengths, materials and sizes. Consult factory for details.

Knob Height Screw Projections (see specifications)

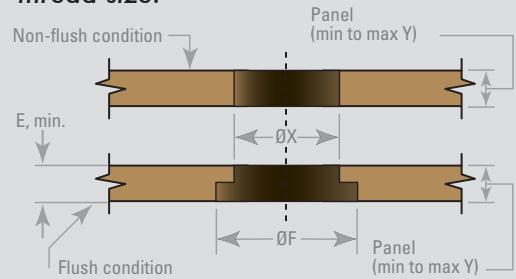
Unfastened

Fastened

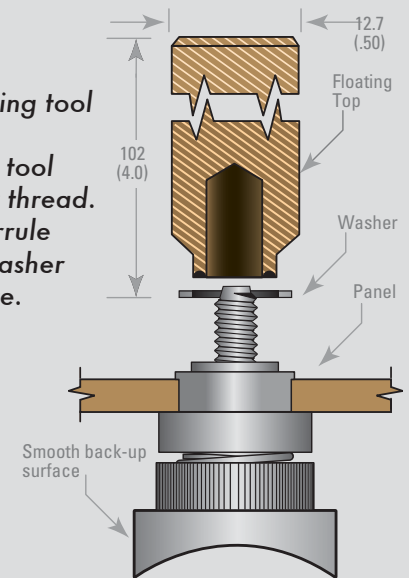


FLOATING PANEL PREPARATION & INSTALLATION

1. Determine if flush or non-flush condition required (refer to below panel preparations).
2. Prepare installation hole for correct thread size.



3. Place floating tool in a press.
4. Center the tool over screw thread. Roll the ferrule over the washer to captivate.



Floating Features & Benefits

- Provides maximum radial float allowing for misalignment
- Lower installation force than press-in
- Provides maximum side loading force
- Installs in a wide range of materials such as plastics, castings, hardened steels and other non-metallics

Material & Finish

Floating (MPL)

Screw: Carbon Steel, Nickel Plate or Black Nitride

Ferrule: 6000 Series Aluminum

Spring: 300 Stainless Steel

Part Number Callout

Series Code	Captivation Code
[1]	[2]
Series	Captivation
MP	P Press-in
	F Flare-in
	L Floating

Thread Code	Drive Recess Code	Screw Length Code
[3]	[4]	[5]
Thread	Drive Recess	Screw Length
04 4-40	P Phillips	See Specification Chart
06 6-32	S Slotted	
08 8-32	T Six-lobe	
10 10-32	C Combo Slot Phillips	
14 1/4-20	E Combo Six-lobe/Slot	
M3 3m		
35 3.5mm		
M4 4mm		
M5 5mm		
M6 6mm		

Ferrule Length Code
[6]
Ferrule Length
See Specification Chart

Texture Code	Finish Code
[7]	[8]
Texture Code	Finish Code
S Smooth	N Nickel
K Full Knurl	BT Black Nitride



Standard Products	Installation Styles				Replaces Southco®	Replaces PEM®
	Press-In	Flare-In	Floating	PC Board		
MC Series Retractable Captive Screws	MCP	MCF	MCL	MCB	47	PF11 PF12 PF13 PF14
MP Series Retractable Captive Screws	MPP	MPF	MPL	MPB	–	PF30 PF31 PF32 PF50 PF60
MM Series “Low Head” Miniature Retractable Screws	MMP	MMF	MML	MMB	52	PFS2 PFC2
MS Series “High Head” Miniature Retractable Screws	MSP	MSF	MSL	MSB	52	–
MF Series Flush Mount Captive Screws	√	–	–	–	F5	PF10
Spring Loaded Plungers	√	√	–	√	56	PTL2
MFL Product Series “Speed Lead” Captive Screws					09 12 17	–
SLS “Speed Latch” System					–	–
MTS Series “Snap-In” Captive Screws					–	–
Q Series Quarter-Turn Fasteners & Receptacles					81 82 85	–
MSI Series Threaded Inserts					71 72	–
BCS Series Knurled Captive Screws					58	–

©Southco is a registered trademark of Southco, Inc. PF11, PF12, PF13, PF14, PF30, PF31, PF32, PF50, PF60, PFC, PFC2 & ®PEM are trademarks of Penn Engineering & Manufacturing Corp.

Headquarters: Matdan Corporation Cincinnati, Ohio 45242, USA Tel: 513 - 794 - 0500 Fax: 513 - 794 - 0651 E-mail: sales@matdanfasteners.com	China Division: Matdan (Ningbo) Specialty Hardware Co., Ltd. Ningbo, Zhejiang Province, China 315120 E-mail: sales_cn@matdanfasteners.com
www.matdanfasteners.com	

Matdan, matdanfasteners.com and the Matdan logo are trademarks of the Matdan Corporation. Use allowed only with written permission from Matdan. The contents of this publication are copyrighted 2007 Matdan Corporation. All rights reserved. Copies may be obtained from the company. Published specifications are subject to change without notice.

Published specifications are subject to change without notice. ©2007 Matdan Corporation. All rights reserved.