

MM™ Series Miniature Captive Screws Designer's Guide

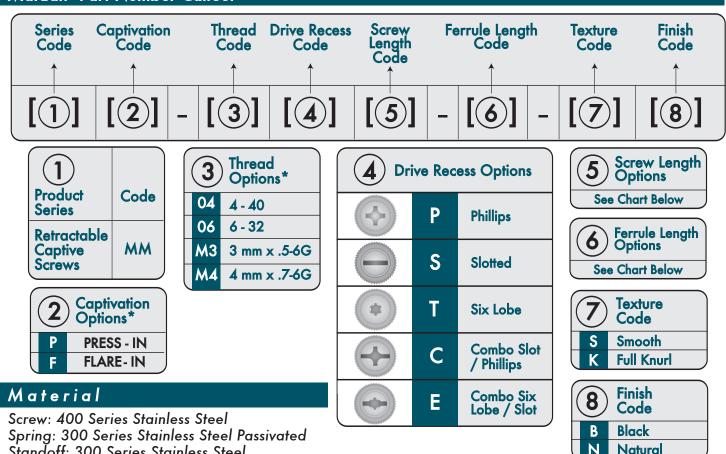


MM™ Series Miniature Captive Fasteners

Features & Benefits

- Standard Stainless Steel material provides superior strength and corrosion resistance over competitive products made from carbon steel
- Small footprint for fastening in limited-space applications
- Tool or finger actuation
- Multiple drives, thread sizes, textures and finishes available
- Custom lengths, materials and sizes available upon request

Matdan® Part Number Callout



Specifications

Standoff: 300 Series Stainless Steel

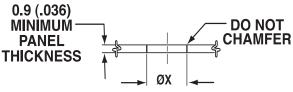
Туре	Thread Size	Panel Th										Panel Preparation			Part Number		
		Min	Max	Α	В	С	D	Е	F	G	н	P1	P2	х	Υ	z	(See Callout to Select Items in Parenthesis)
Press-in	4-40	0.9 (.036)	N/A	14	7	9.6	5.5	6.4	7.9 (.31)	2.5	0.5	0.9 (.036)	5.3 (.21)	5.6	N/A	3	MMP-04 (Drive) 1- 1 - (Texture) (Finish/Mtl)
	6-32			(.55) 15.5	(.28)	(.38) 10.4	(.217) 6.3	(.25) 7	8.6 (.34) 7.9 (.31)	2.5 0.6	2.5 (.1) 0.9 (.036)	6.8 (.27)	(0.219) 6.4	N/A	3.7	MMP-04 (Drive) 3- 1 - (Texture) (Finish/Mt'l) MMP-06 (Drive) 1- 1 - (Texture) (Finish/Mt'l)	
				(.61)	(.31)		(.247)	(.28)				2.5 (.1)	7.6 (.30)		IN/A	(0.144)	MMP-06 (Drive) 3- 1 - (Texture) (Finish/Mt'l)
	М3			14 (.55)	7 (.28)	9.6	5.5 (.217)	6.4 (.25)			(.023)	0.9 (.036) 2.5 (.1)	5.3 (.21)	5.6 (0.219)	N/A	3.2 (0.126)	MMP-M3 (Drive) 1- 1 - (Texture) (Finish/Mt'l) MMP-M3 (Drive) 3- 1 - (Texture) (Finish/Mt'l)
	M4			16	9.4	10.8	7.9	8.7	8.6 (.34)	(11)	0.9 (.036)	6.1 (.24)	8.0		4.4	MMP-M4 (Drive) 1- 1 (Texture) (Finish/Mt'l)	
				(.63)	(.37)	(.43)	(.31)	(.34)			(.028)	2.5 (.1)	7.6 (.30)	(0.315)	IN/A	(.173)	MMP-M4 (Drive) 3- 1 - (Texture) (Finish/Mt'I)
Flare-In	4-40	0.8 (.031)	/	14	7	9.6	4.6	6.4	1 (.041)	2.5	0.5	8.0	5.3	4.8	0.4 (.016)		MMF-04 (Drive) 1- 1 - (Texture) (Finish/Mt'I)
		2.4 (.095)	4 (.156)	(.55)	(.28)	(.38)	(.183)	(.25)	2.6 (.104)	(.1)	(.018)	(.031)	(.21)	(.187)	0.8 (.032)	(.120)	MMF-04 (Drive) 1- 3 - (Texture) (Finish/Mt'l)
	6-32	1.5 (.058)	3.2 (.125)	15	8	9.6	5.3	7	1.8 (.071)	2.5	0.7	1.8	6.8	5.4	0.4 (.016)	3.6	MMF-06 (Drive) 1- 1 - (Texture) (Finish/Mt'l)
		3.2 (.126)	4.7 (.187)	(.59)	(.31)	(.38)	(.209)	(.28)	3.4 (.135)	(.1)	(.028)	(.07)	(.27)	(.213)	1.6 (.063)	(.141)	MMF-06 (Drive) 1- 3 - (Texture) (Finish/Mt'l)
		0.8 (.031)	2.4 (.094)	14	7	9.6	4.6	6.4	1 (.041)	2.5	0.6	0.8	5.3	4.8	0.4 (.016)	3	MMF-M3 (Drive) 1- 1 - (Texture) (Finish/Mt'l)
		2.4 (.095)	4 (.156)	(.55)	(.28)	(.38)	(.183)	(.25)	2.6 (.104)	(.1)	(.023)	(.031)	(.21)	(.187)	0.8 (.032)	(.120)	MMF-M3 (Drive) 1- 3 - (Texture) (Finish/Mt'l)
	M4	1.5 (.058)	3.21 (.125)	15.2 (.60)	9.4 (.37)	10.1 (.40)	6.7 (.26)	8.6 (.34)	1.8 (.07)	3 (.12)	0.7 (.028)	1.8 (.07)	6.8 (.27)	6.8 (.266)	0.4 (.016)	4.2 (.166)	MMF-M4 (Drive) 1- 1 - (Texture) (Finish/Mt'l)

^{*}Also available in Floating and PC Board styles as well as custom lengths, materials and sizes (up to 1/4-20 and M6). Contact factory for details.

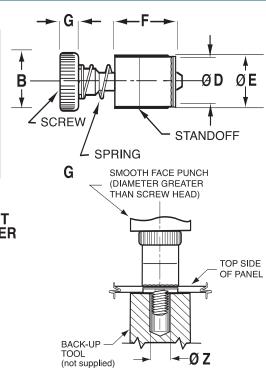
Press in

Installation Instructions

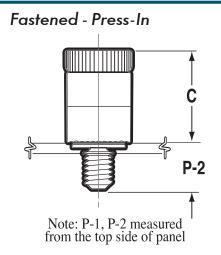
- 1. Prepare installation hole for correct thread size*(leave the hole edges sharp - DO NOT CHAMFER)
- 2. Press-in captive screw as shown. Assure parallel surfaces on the punch and back up tool.



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



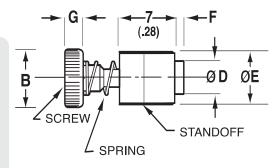
Unfastened - Press-In (TOTAL FLOAT OF SCREW IN STANDOFF) *Value represents float in unfastened position

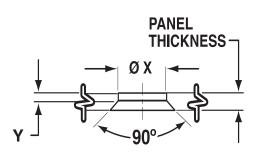


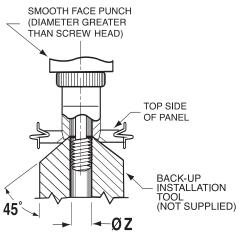
Flare In

Installation Instructions

- 1. Prepare installation hole for correct thread size*
- 2. Use minimal force to flare standoff. Parallel surface needed on the punch and back-up tool.

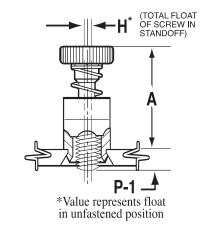




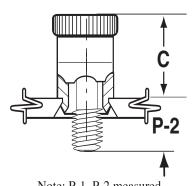


*Flaring tool required for proper installation. Available upon request.

Unfastened - Flare-In



Fastened - Flare-In



Note: P-1, P-2 measured from the top side of panel

Phone: 513.794.0500



Created Decition		Installa	Replaces	Replaces		
Standard Products	Press-In	Flare-In	Floating	PC Board	Southco®	PEM®
MC TM Series Retractable Captive Screws	МСР™	MCF™	MCLTM	МСВ™	47	PF11 TM PF12 TM PF13 TM PF14 TM
MP TM Series Retractable Captive Screws	МРРТМ	MPFTM	MPLTM	МРВ™	_	PF30 TM PF31 TM PF32 TM PF50 TM PF60 TM
MM™ Series "Low Head" Miniature Retractable Screws	MMPTM	MMF™	MMLTM	ММВтм	52	PFS2 TM PFC2 TM
MS TM Series "High Head" Miniature Retractable Screws	MSPTM	MSFTM	MSLTM	MSB™	52	-
MF TM Series Flush Mount Captive Screws	√	_	_	_	F5	PF10
Spring Loaded Plungers	√	√	-	√	56	PTL2
MFL TM Product Series "Speed Lead" TM Captive Screws			09 12	-		
SLS TM "Speed Latch" System			_	_		
MTS TM Series "Snap-In" TM Captive Screws					_	_
Q TM Series Quarter-Turn Fasteners & Receptacles					81 82 85	-

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