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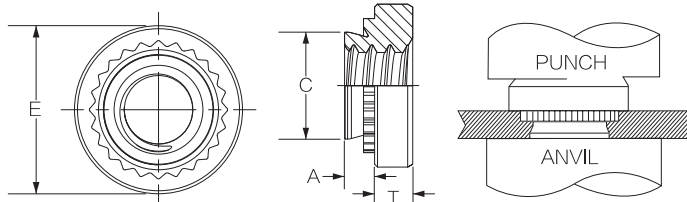
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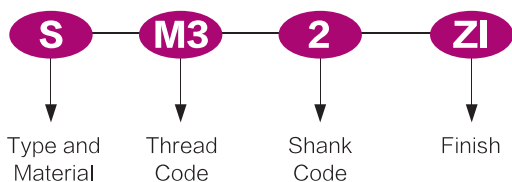
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S / CLS

压铆螺母 SELF-CLINCHING NUTS



Part Number Designation



S:Carbon Steel
 CLS:303Stainless Steel
 SP:416Series Stainless Steel
 CLA:Aluminum

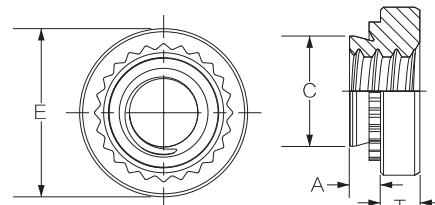
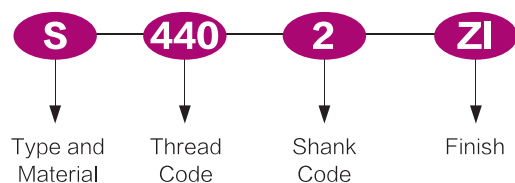
All dimensions are in millimeters(Size Unit:mm)

	Thread Size X Pitch	Type		Thread Code	Shank Code	A (Shank) MAX.	Rec Min.sheet Thickness	Hole size In Sheet +0.08	C MAX.	E ± 0.25	T ± 0.25	Min.Dist Hole C/L To Edge
		Fastener Material										
		Carbon Steel	Stainless Steel									
METRIC	M2X0.4	S	CLS	M2	0	0.77	0.8-1	4.25	4.22	6.3	1.5	4.8
					1	0.97	1					
					2	1.38	1.4					
	M2.5X0.45	S	CLS	M2.5	0	0.77	0.8-1	4.25	4.22	6.3	1.5	4.8
					1	0.97	1					
					2	1.38	1.4					
	M3X0.5	S	CLS	M3	0	0.77	0.8-1	4.25	4.22	6.3	1.5	4.8
					1	0.97	1					
					2	1.38	1.4					
	M3.5X0.6	S	CLS	M3.5	0	0.77	0.8-1	4.75	4.73	7.1	1.5	5.6
					1	0.97	1					
					2	1.38	1.4					
	M4X0.7	S	CLS	M4	0	0.77	0.8-1	5.4	5.38	7.9	2	6.9
					1	0.97	1					
					2	1.38	1.4					
	M5X0.8	S	CLS	M5	0	0.77	0.8-1	6.4	6.38	8.7	2	7.1
					1	0.97	1					
					2	1.38	1.4					
	M6X1	S	CLS	M6	0	1.15	1.2	8.75	8.72	11.05	4.08	8.6
					1	1.38	1.4					
					2	2.21	2.3					
	M8X1.25	S	CLS	M8	1	1.38	1.4	10.5	10.47	12.65	5.47	9.7
					2	2.21	2.3					
	M10X1.5	S	CLS	M10	1	2.21	2.31	14	13.97	17.35	7.48	13.5
					2	3.05	3.18					

S / CLS

压铆螺母 SELF-CLINCHING NUTS

Part Number Designation

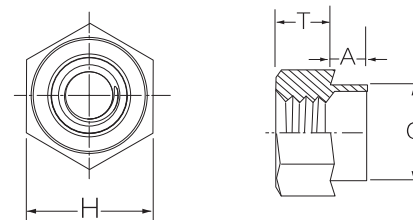
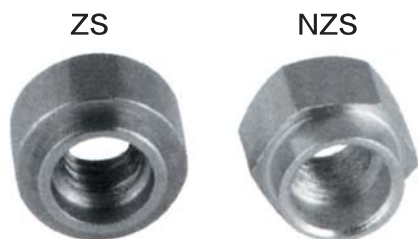


All dimensions are in millimeters(Size Unit:mm)

	Thread Size	Type		Thread Code	Shank Code	A (Shank) MAX.	Rec Min.sheet Thickness	Hole size In Sheet +0.03 -0.00	C MAX.	E ±0.10	T ±0.10	Min.Dist Hole C/L To Edge
		Fastener Material										
		Carbon Steel	Stainless Steel									
UNIFIED	.086-56 (#2-56)	S	CLS	256	0	.030	.030	.166	.165	.25	.07	.19
					1	.038	.040					
					2	.054	.056					
	.099-48 (#3-48)	S	CLS	348	0	.030	.030	.166	.165	.25	.07	.19
					1	.038	.040					
					2	.054	.056					
	.112-40 (#4-40)	S	CLS	440	0	.030	.030	.166	.165	.25	.07	.19
					1	.038	.040					
					2	.054	.056					
	.138-32 (#6-32)	S	CLS	632	0	.030	.030	.1875	.187	.28	.07	.22
					1	.038	.040					
					2	.054	.056					
	.164-32 (#8-32)	S	CLS	832	0	.030	.030	.213	.212	.31	.09	.27
					1	.038	.040					
					2	.054	.056					
	.190-24 (#10-24)	S	CLS	024	0	.030	.030	.250	.249	.34	.09	.28
					1	.038	.040					
					2	.054	.056					
	.190-32 (#10-32)	S	CLS	032	0	.030	.030	.250	.249	.34	.09	.28
					1	.038	.040					
					2	.054	.056					
	.216-24 (#12-24)	S	CLS	1224	0	.030	.030	.277	.276	.38	.13	.31
					1	.038	.040					
					2	.054	.056					
	.250-20 (1/4-20)	S	CLS	0420	0	.045	.047	.344	.343	.44	.17	.34
					1	.054	.056					
					2	.087	.091					
	.250-28 (1/4-28)	S	CLS	0428	0	.054	.056	.344	.343	.44	.17	.34
1					.087	.091						
2					.120	.125						
.313-18 (5/16-18)	S	CLS	0518	0	.054	.056	.413	.412	.50	.23	.38	
				1	.087	.091						
				2	.120	.125						
.313-24 (5/16-24)	S	CLS	0524	0	.054	.056	.413	.412	.50	.23	.38	
				1	.087	.091						
				2	.120	.125						
.375-16 (3/8-16)	S	CLS	0616	0	.087	.091	.500	.499	.56	.27	.44	
				1	.120	.125						
				2	.235	.250						
.375-24 (3/8-24)	S	CLS	0624	0	.087	.091	.500	.499	.56	.27	.44	
				1	.120	.125						
				2	.235	.250						
.500-13 (1/2-13)	S	CLS	0813	0	.120	.125	.656	.655	.81	.36	.63	
				1	.235	.250						
.500-20 (1/2-20)	S	CLS	0820	0	.120	.125	.656	.655	.81	.36	.63	
				1	.235	.250						

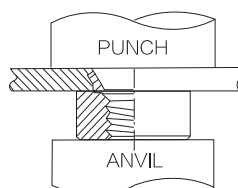
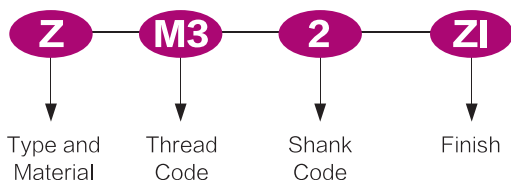
Z/NZ

涨铆螺母 FLARE-IN NUTS

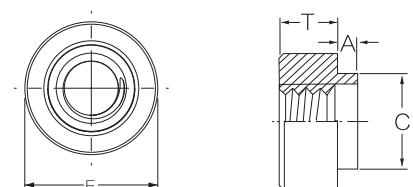


HEXAGON

Part Number Designation



INSTALLATION



ROUND

All dimensions are in millimeters(Size Unit:mm)

Round Type Z

	Thread Size X Pitch	Type		Thread Code	Shank Code	A ±0.1	Min. Sheet Thickness	Hole size In Sheet +0.08	C MAX.	E ±0.25	T ±0.25
		Fastener Material									
		Carbon Steel	Stainless Steel								
METRIC	M2.5X0.45	Z	ZS	M2.5	1.2 1.5	1.2 1.5	1.2 1.5	5	4.98	7	3
	M3X0.5	Z	ZS	M3	1.2 1.5	1.2 1.5	1.2 1.5	5	4.98	7	3
					2	2	2				
	M4X0.7	Z	ZS	M4	1.2 1.5	1.2 1.5	1.2 1.5	6	5.98	8	4
					2	2	2				
	M5X0.8	Z	ZS	M5	2 3	2 3	2 3	8	7.98	10	5
					2 3	2 3	2 3				
	M6X1	Z	ZS	M6	2 3	2 3	2 3	9	8.98	11	6
					2 3	2 3	2 3				
	M8X1.25	Z	ZS	M8	2 3	2 3	2 3	11	10.98	13	6

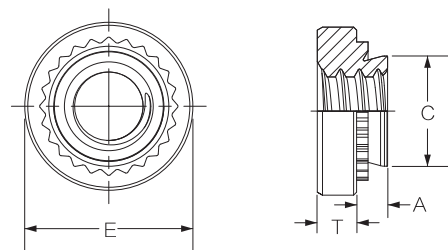
All dimensions are in millimeters(Size Unit:mm)

Hexagon Type NZ

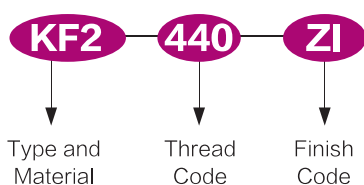
	Thread Size X Pitch	Type		Thread Code	Shank Code	A ±0.1	Min. Sheet Thickness	Hole size In Sheet +0.08	C MAX.	E ±0.25	T ±0.25
		Fastener Material									
		Carbon Steel	Stainless Steel								
METRIC	M3X0.5	NZ	NZS	M3	1.2	1.2	1.2	5	4.98	6	3
					1.5	1.5	1.5				
					2	2	2				
	M4X0.7	NZ	NZS	M4	1.5	1.5	1.5	6	5.98	7	4
					2	2	2				
					3	3	3				
	M5X0.8	NZ	NZS	M5	2	2	2	8	7.98	9	5
					3	3	3				
					4	4	4				
	M6X1	NZ	NZS	M6	3	3	3	9	8.98	10	6
					4	4	4				
					5	5	5				
	M8X1.25	NZ	NZS	M8	6	6	6	11	10.98	12.7	6
					3	3	3				
					4	4	4				

KF2

挤压螺母 SELF-CLINCHING NUTS



Part Number Designation



All dimensions are in inches(Size Unit:inch)

	Thread Size X Pitch	Type		Thread Code	A Max.	Min. Sheet Thickness	Hole size In Sheet +.003 -.000	C ±.003	E ±.005	T ±.005	Min. Dist Hole C/L To Edge
		Carbon Steel	Stainless Steel								
UNIFIED	.086-56(#2-56)	KF2	KFS2	256	.06	.06	.147	.165	.219	.065	.16
	.112-40(#4-40)	KF2	KFS2	440	.06	.06	.166	.184	.219	.065	.17
	.138-32(#6-32)	KF2	KFS2	632	.06	.06	.213	.231	.281	.065	.22
	.164-32(#8-32)	KF2	KFS2	832	.06	.06	.250	.268	.344	.096	.25
	.190-32(#10-32)	KF2	KFS2	032	.06	.06	.272	.290	.375	.127	.28

All dimensions are in millimeters(Size Unit:mm)

	Thread Size X Pitch	Type		Thread Code	A Max.	Min. Sheet Thickness	Hole size In Sheet +0.08	C ±0.08	E ±0.13	T ±0.13	Min. Dist Hole C/L To Edge
		Carbon Steel	Stainless Steel								
METRIC	M2X0.4	KF2	KFS2	M2	1.53	1.53	3.73	4.19	5.56	1.5	4.2
	M2.5X0.45	KF2	KFS2	M2.5	1.53	1.53	4.22	4.68	5.56	1.5	4.4
	M3X0.5	KF2	KFS2	M3	1.53	1.53	4.22	4.68	5.56	1.5	4.4
	M4X0.7	KF2	KFS2	M4	1.53	1.53	6.4	6.86	8.74	2	6.4
	M5X0.8	KF2	KFS2	M5	1.53	1.53	6.9	7.37	9.53	3	7.1

AS

浮动螺母 FLOTTING FASTENERS

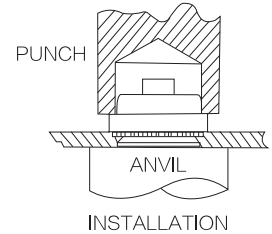


Non-locking

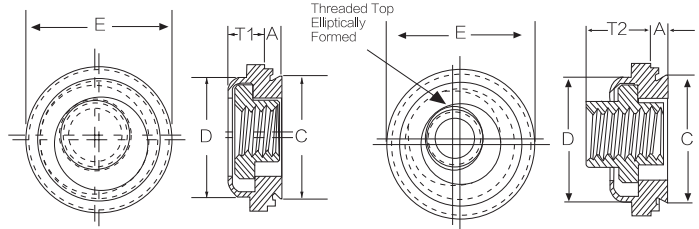
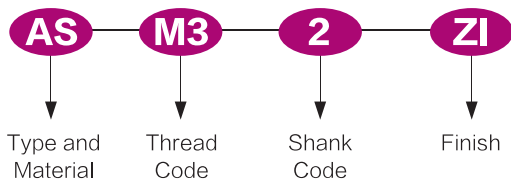


Self-locking

A=Non-locking
LA=Self-locking
S=Heat-treated carbon steel
C=300 series stainless steel
AS-ZL LAS-MD
AC=None LAC-MD



Part Number Designation



All dimensions are in inches(Size Unit:inch)

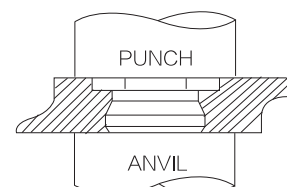
	Thread Size	Type		Type		Thread Code	Shank Code	A(shank) MAX.	Rec Min. Sheet Thickness	Hole size In Sheet +0.003	C MAX.	D MAX.	E ± .015	T1 MAX.	T2 MAX.	Min.dist Hole C/L To Edge
		Non-locking		Self-locking												
		Steel	Stainless Steel	Steel	Stainless Steel											
UNIFIED	.112-40 (#4-40)	AS	AC	LAS	LAC	440	1 2	.038 .054	.040 .056	.290	.289	.290	.36	.13	.19	.30
	.138-32 (#6-32)	AS	AC	LAS	LAC	632	1 2	.038 .054	.040 .056	.328	.327	.335	.39	.13	.20	.32
	.164-32 (#8-32)	AS	AC	LAS	LAC	832	1 2	.038 .054	.040 .056	.368	.367	.365	.44	.13	.21	.34
	.190-24 (#10-24)	AS	AC	LAS	LAC	024	1 2	.038 .054	.040 .056	.406	.405	.405	.47	.17	.27	.36
	.190-32 (#10-32)	AS	AC	LAS	LAC	032	1 2	.038 .054	.040 .056	.406	.405	.405	.47	.17	.27	.36
	.250-20 (1/4-20)	AS	AC	LAS	LAC	0420	2	.054	.056	.515	.514	.510	.60	.21	.31	.42
	.250-28 (1/4-28)	AS	AC	LAS	LAC	0428	2	.054	.056	.515	.514	.510	.60	.21	.31	.42

All dimensions are in millimeters(Size Unit:mm)

	Thread Size	Type		Type		Thread Code	Shank Code	A(shank) MAX.	Rec Min. Sheet Thickness	Hole size In Sheet +0.08	C MAX.	D MAX.	E ±.04	T1 MAX.	T2 MAX.	Min.dist Hole C/L To Edge
		Non-locking		Self-locking												
		Steel	Stainless Steel	Steel	Stainless Steel											
METRIC	M3X0.5	AS	AC	LAS	LAC	M3	1 2	0.97 1.38	1 1.4	7.37	7.35	7.37	9.14	3.31	4.83	7.62
	M4X0.7	AS	AC	LAS	LAC	M4	1 2	0.97 1.38	1 1.4	9.35	9.33	9.28	11.18	3.31	5.34	8.64
	M5X0.8	AS	AC	LAS	LAC	M5	1 2	0.97 1.38	1 1.4	10.31	10.29	10.29	11.94	4.32	6.86	9.14
	M6X1	AS	AC	LAS	LAC	M6	2	1.38	1.4	13.08	13.06	12.96	15.24	5.34	7.88	10.67

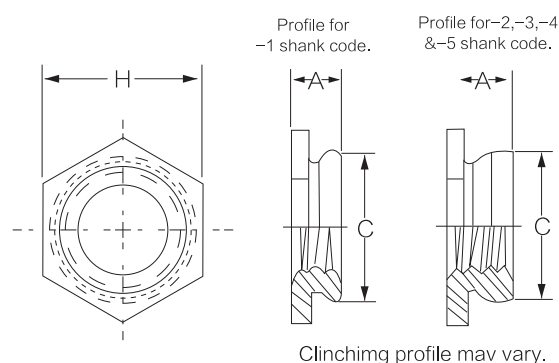
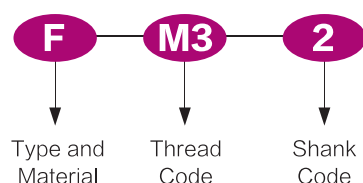
F

齐平嵌入螺母 FLUSH FASTENERS



INSTALLATION

Part Number Designation



All dimensions are in millimeters(Size Unit:mm)

	Thread Size X Pitch	Type	Thread Code	Shank Code	A (shank) MAX.	Rec Min.Sheet Thickness	Hole size In Sheet +0.08	C MAX.	H Nom.	Min.Dist Hole C/L To Edge
METRIC	M2X0.4	F	M2	1	1.53	1.53-2.3	4.37	4.35	4.75	6
				2	2.3	2.32-UP				
	M2.5X0.45	F	M2.5	1	1.53	1.53-2.3	4.37	4.35	4.75	6
				2	2.3	2.32-UP				
	M3X0.5	F	M3	1	1.53	1.53-2.3	4.37	4.35	4.75	6
				2	2.3	2.32-UP				
	M4X0.7	F	M4	1	1.53	1.53-2.3	7.37	7.35	8	7.2
				2	2.3	2.32-UP				
	M5X0.8	F	M5	1	1.53	1.53-2.3	7.92	7.9	8.7	8
				2	2.3	2.32-UP				
	M6X1	F	M6	3	3.05	3.18-3.94	8.74	8.72	9.5	8.8
				4	3.84	3.96-4.72				
				5	4.63	4.75-UP				

All dimensions are in inches(Size Unit:inch)

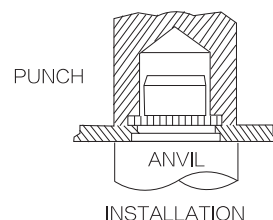
	Thread Size X Pitch	Type	Thread Code	Shank Code	A (shank) MAX.	Rec Min.Sheet Thickness	Hole size In Sheet +0.003 -0.000	C MAX.	H Nom.	Min.Dist Hole C/L To Edge
UNIFIED	.086-56(#2-56)	F	256	1	.060	.060-.090	.172	.171	.188	.23
				2	.090	.091-UP				
	.112-40(#4-40)	F	440	1	.060	.060-.090	.172	.171	.188	.23
				2	.090	.091-UP				
	.138-32(#6-32)	F	632	1	.060	.060-.090	.213	.212	.250	.27
				2	.090	.091-UP				
	.164-32(#8-32)	F	832	1	.060	.060-.090	.290	.289	.312	.28
				2	.090	.091-UP				
	.190-32(#10-32)	F	032	1	.060	.060-.090	.312	.311	.343	.31
				2	.090	.091-UP				
	.250-20(1/4-20)	F	0420	3	.120	.125-.155	.344	.343	.375	.34
				4	.151	.156-.186				
				5	.182	.187-UP				

UL

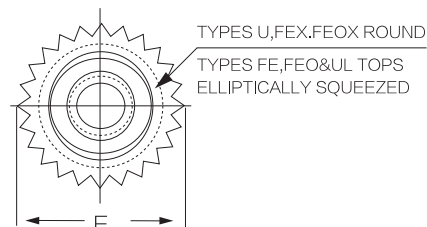
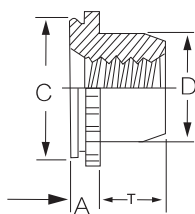
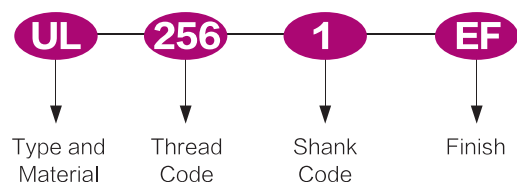
自锁螺母 SELF-LOCKING FASTENERS



U=Non-locking
 UL=Locking
 FEOX=Non-locking,short shank
 FEX=Non-locking,long shank
 FEO=Self-locking,short shank
 FE=Self-locking,long shank



Part Number Designation



All dimensions are in inches(Size Unit:inch)

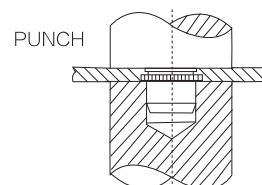
	Thread Size	Type		Thread Code	Shank Code	A(shank) MAX.	Rec Min. Sheet Thickness	Hole size In Sheet +0.003	C +0.000 -0.005	D MAX.	E ±.005	T +0.15 -0.00	Min.Dist Hole C/L To Edge	Max.Hole In Attached Parts
		Non-locking	Self-locking											
UNIFIED	.060-80 (#0-80)	U	UL	080	0	.020	.019-.022	.110	.1095	.076	.125	.050	.09	.080
	.073-64 (#1-64)	U	UL	164	0	.020	.019-.022	.110	.1095	.090	.125	.050	.09	.093
	.086-56 (#2-56)	U	UL	256	0	.020	.019-.022	.144	.1435	.106	.160	.065	.11	.106
	.112-40 (#4-40)	FEOX	FEO	440	4	.040	.039-.045	.172	.171	.145	.192	.065	.14	.132
	.138-32 (#6-32)	FEX	FE	632	4	.060	.059-.070	.213	.212	.180	.244	.075	.17	.158
	.164-32 (#8-32)	FEOX	FEO	832	4	.040	.039-.045	.290	.289	.215	.322	.090	.20	.184
	.190-32 (#10-32)	FEX	FE	032	4	.060	.059-.070	.290	.289	.245	.322	.110	.20	.210
	(1/4-20)	FEOX	FEO	0420	4	.040	.039-.045	.344	.343	.289	.322	.110	.20	.210
	(1/4-28)	FEX	FE	0428	4	.060	.059-.070	.344	.343	.318	.384	.120	.28	.270

All dimensions are in millimeters(Size Unit:mm)

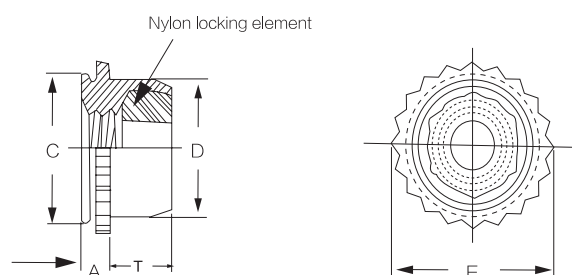
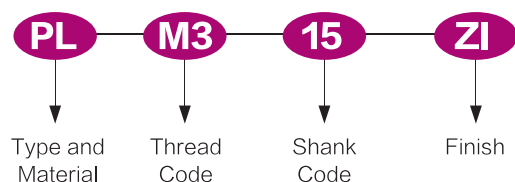
	Thread Size	Type		Thread Code	Shank Code	A(shank) MAX.	Rec Min. Sheet Thickness	Hole size In Sheet +0.08	C -0.13	D MAX.	E ±0.13	T +0.4	Min.Dist Hole C/L To Edge	Max.Hole In Attached Parts
		Non-locking	Self-locking											
METRIC	M2X0.4	U	UL	M2	1	0.76	0.76-0.91	3.61	3.6	2.5	4.07	1.65	2.8	2.5
	M3X0.5	FEOX	FEO	M3	4	1.02	0.99-1.14	4.39	4.37	3.96	4.88	1.9	3.6	3.5
		FEX	FE			1.53	1.5-1.78							
	M4X0.7	FEOX	FEO	M4	4	1.02	0.99-1.14	7.39	7.37	5.23	8.17	2.55	5.2	4.5
		FEX	FE			1.53	1.5-1.78							
	M5X0.8	FEOX	FEO	M5	4	1.02	0.99-1.14	7.39	7.37	6.48	8.17	3.05	5.2	5.5
		FEX	FE			1.53	1.5-1.78							
	M6X1	FEX	FE	M6	4	1.53	1.5-1.78	8.74	8.72	7.72	9.74	3.3	7.1	6.5

PL

自锁螺母 SELF-LOCKING FASTENERS



Part Number Designation



All dimensions are in inches (Size Unit: inch)

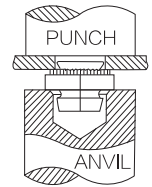
	Thread Size X Pitch	Type		Thread Code	Shank Code	A (Shank) Max.	Sheet Thickness	Hole size In Sheet +.003	C Max.	D Max.	E Max.	T Max.	Min. Dist Hole C/L To Edge	Max. Hole in Attached Parts
		Steel	Stainless Steel											
UNIFIED	.112-40 (#4-40)	PL	PLC	440	15	.060	.060-.070	.234	.233	.216	.28	.130	.17	.132
	.138-32 (#6-32)	PL	PLC	632	15	.060	.060-.070	.265	.264	.246	.31	.130	.19	.158
	.164-32 (#8-32)	PL	PLC	832	15	.060	.060-.070	.297	.296	.278	.34	.155	.22	.184
	.190-32 (#10-32)	PL	PLC	032	15	.060	.060-.070	.312	.311	.292	.35	.165	.25	.210

All dimensions are in millimeters (Size Unit: mm)

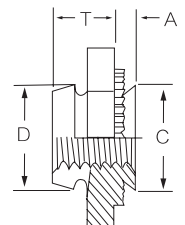
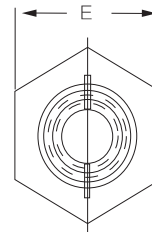
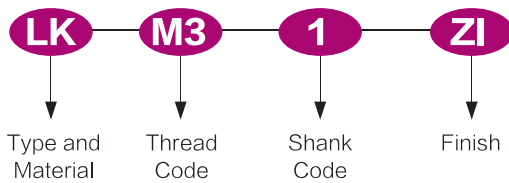
	Thread Size X Pitch	Type		Thread Code	Shank Code	A (Shank) Max.	Sheet Thickness	Hole size In Sheet +0.08	C Max.	D Max.	E Max.	T Max.	Min. Dist Hole C/L To Edge	Max. Hole in Attached Parts
		Steel	Stainless Steel											
METRIC	M3X0.5	PL	PLC	M3	15	1.53	1.53-1.78	6	5.97	5.5	7.1	3.6	4.3	3.5
	M4X0.7	PL	PLC	M4	15	1.53	1.53-1.78	7.5	7.47	7.0	8.6	4.2	5.6	4.5
	M5X0.8	PL	PLC	M5	15	1.53	1.53-1.78	8	7.97	7.5	8.9	4.5	6.4	5.5

LK

自锁螺母 SELF-LOCKING FASTENERS



Part Number Designation



All dimensions are in inches(Size Unit:inch)

	Thread Size	Type			Thread Code	Shank Code	A (Shank) Max.	Min. Sheet Thickness	Hole size In Sheet +.003	C Max.	D Max.	E Max.	T ±0.10	Min.Dist Hole C/L To Edge
		Steel	Stainless Steel	Aluminum										
UNIFIED	.086-56(#2-56)	LK	LKS	LKA	256	1 2	.038 .054	.040 .056	.172	.171	.165	.250	.135	.156
	.112-40(#4-40)	LK	LKS	LKA	440	1 2	.038 .054	.040 .056	.187	.186	.185	.250	.135	.156
	.138-32(#6-32)	LK	LKS	LKA	632	1 2	.038 .054	.040 .056	.219	.218	.220	.312	.145	.187
	.164-32(#8-32)	LK	LKS	LKA	832	1 2	.038 .054	.040 .056	.266	.265	.250	.343	.175	.203
	.190-32(#10-32)	LK	LKS	LKA	032	1 2	.038 .054	.040 .056	.312	.311	.300	.375	.205	.218

All dimensions are in millimeters(Size Unit:mm)

	Thread Size	Type			Thread Code	Shank Code	A (Shank) Max.	Min. Sheet Thickness	Hole size In Sheet +0.08	C Max.	D Max.	E Max.	T ±0.25	Min.Dist Hole C/L To Edge
		Steel	Stainless Steel	Aluminum										
METRIC	M2.5X0.45	LK	LKS	LKA	M2.5	1 2	0.97 1.38	1.0 1.4	4.37	4.35	4.45	6.35	3.43	3.9
	M3X0.5	LK	LKS	LKA	M3	1 2	0.97 1.38	1.0 1.4	4.75	4.73	4.85	6.35	3.43	4.0
	M4X0.7	LK	LKS	LKA	M4	1 2	0.97 1.38	1.0 1.4	6.76	6.73	6.20	8.73	4.45	5.2
	M5X0.8	LK	LKS	LKA	M5	1 2	0.97 1.38	1.0 1.4	7.92	7.9	7.75	9.53	5.21	5.6

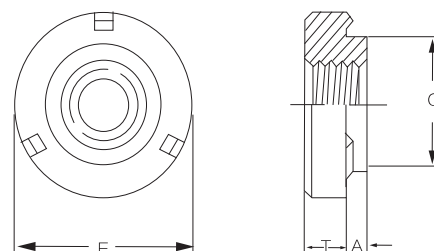
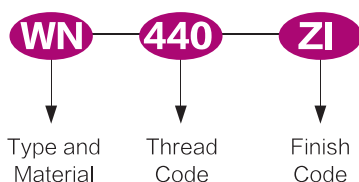
WN

自定位螺母 PRESS-IN NUTS



Material: WN-Carbon Steel
WNS: 300 Series Stainless Steel

Part Number Designation



All dimensions are in inches(Size Unit:inch)

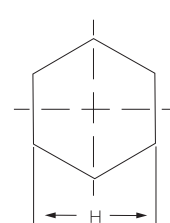
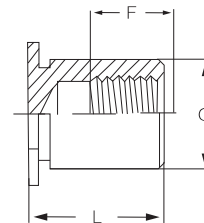
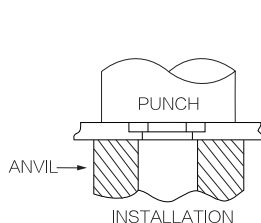
	Thread Size X Pitch	Type		Thread Code	A Max.	Min. Sheet Thickness	Hole size In Sheet +.003 -.000	C Max.	E -.01	T ±.004	Min.Dist Hole C/L To Edge
		Carbon Steel	Stainless Steel								
UNIFIED	.112-40(#4-40)	WN	WNS	440	.030	.030	.173	.172	.308	.063	.15
	.138-32(#6-32)	WN	WNS	632	.030	.030	.193	.192	.341	.094	.17
	.164-32(#8-32)	WN	WNS	832	.030	.030	.218	.217	.371	.108	.18
	.190-24(#10-24)	WN	WNS	024	.030	.030	.250	.249	.440	.156	.22
	.190-32(#10-32)	WN	WNS	032	.030	.030	.250	.249	.440	.156	.22
	.250-20(#1/4-20)	WN	WNS	0420	.048	.048	.316	.315	.522	.186	.26

All dimensions are in millimeters(Size Unit:mm)

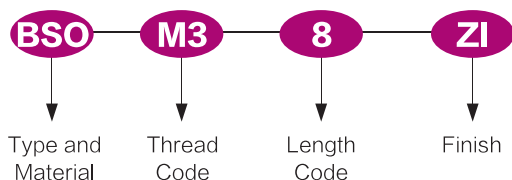
	Thread Size X Pitch	Type		Thread Code	A Max.	Min. Sheet Thickness	Hole size In Sheet +.01	C Max.	E -0.25	T ±0.1	Min.Dist Hole C/L To Edge
		Carbon Steel	Stainless Steel								
METRIC	M3X0.5	WN	WNS	M3	0.77	0.77	4.39	4.36	7.82	1.49	3.91
	M4X0.7	WN	WNS	M4	0.77	0.77	5.53	5.5	9.42	2.58	4.71
	M5X0.8	WN	WNS	M5	0.77	0.77	6.35	6.32	11.17	3.78	5.59
	M6X1	WN	WNS	M6	1.22	1.22	8.02	7.99	13.25	4.56	6.63

BSO / BSOS

盲孔压铆螺母柱 BLIND THREAD STANDOFFS



Part Number Designation



Thread Code	Rec Min. Sheet Thickness	C -.005	H Nom.	Hole size In Sheet +.003
440	.040	.165	.187	.166
6440	.040	.212	.250	.213
632	.040	.212	.250	.213
8632	.050	.280	.312	.281
832	.050	.280	.312	.281
032	.050	.280	.312	.281

Thread Code	Rec Min. Sheet Thickness	C -0.13	H Nom.	Hole size In Sheet +0.08
M2.5	1.02	4.2	4.75	4.22
M3	1.02	4.2	4.75	4.22
3.5M3	1.02	5.39	6.35	5.41
M3.5	1.02	5.39	6.35	5.41
M4	1.27	5.98	7.0	6.00
3.5M4	1.27	7.12	8.0	7.14
M5	1.27	7.12	8.0	7.14
M6	1.30	8.72	10.0	8.75

All dimensions are in inches (Size Unit: inch)

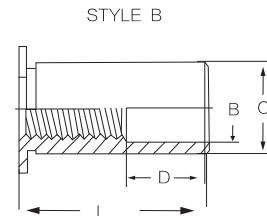
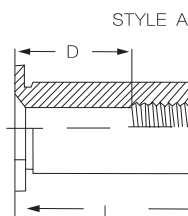
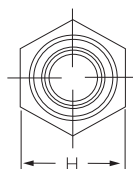
	Thread Size	Type			Thread Code	Length “L” +.002-.005(Length code is in 32ths of an inch)													Min.Dist. Hole C/ To Edge
		Steel	Stainless Steel	Alum- inum		.312	.375	.437	.500	.562	.625	.687	.750	.812	.875	.937	1.00	1.062	
UNIFIED	.112-40(#4-40)	BSO	BSOS	BSOA	440 6440	10	12	14	16	18	20	22	24	26	28	30	32	34	.23
	.138-32(#6-32)	BSO	BSOS	BSOA	632 8632	10	12	14	16	18	20	22	24	26	28	30	32	34	.27
	.164-32(#8-32)	BSO	BSOS	BSOA	832	10	12	14	16	18	20	22	24	26	28	30	32	34	.31
	.190-32(#10-32)	BSO	BSOS	BSOA	032	10	12	14	16	18	20	22	24	26	28	30	32	34	.31
F Dimension Min.						.156		.187		.250			.375						

All dimensions are in millimeters (Size Unit: mm)

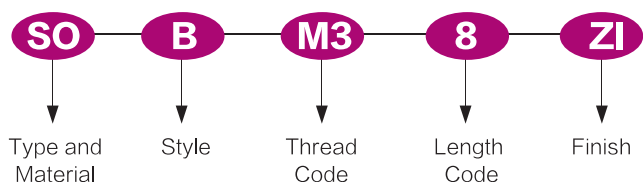
Thread Size	Type			Thread Code	Length “L” +0.05–0.13(Length Code is in millimeters)													Min.Dist. Hole C/L To Edge	
	Steel	Stainless Steel	Alum- inum																
METRIC	M2.5X0.45	BSO	BSOS	BSOA	M2.5	6	8	10	12	14	16	18	20	22	25	/	/	/	6
	M3X0.5	BSO	BSOS	BSOA	M3 3.5M3	6	8	10	12	14	16	18	20	22	25	/	/	/	6 6.8
	M3.5X0.6	BSO	BSOS	BSOA	M3.5	6	8	10	12	14	16	18	20	22	25	/	/	/	6.8
	M4X0.7	BSO	BSOS	BSOA	M4 3.5M4	6	8	10	12	14	16	18	20	22	25	/	/	/	7.5 8
	M5X0.8	BSO	BSOS	BSOA	M5	6	8	10	12	14	16	18	20	22	25	/	/	/	8
	M6X1.0	BSO	BSOS	BSOA	M6	6	8	10	12	14	16	18	20	22	25	/	/	/	9
F Dimension Min.						3.2	4	5	6.5	9.5									

SO / SOS

通孔压铆螺母柱 THRU-HOLE THREAD STANDOFFS



Part Number Designation



Thread Code	Rec Min. Sheet Thickness	C -.005	H Nom.	B ±.005	Hole size In Sheet +.003
440	.040	.165	.187	.125	.166
6440	.040	.212	.250	.125	.213
632	.040	.212	.250	.156	.213
8632	.050	.280	.312	.156	.281
832	.050	.280	.312	.188	.281
032	.050	.280	.312	.203	.281

Thread Code	Rec Min. Sheet Thickness	C -0.13	H Nom.	B ± 0.13	Hole size In Sheet +0.08
M2.5	1.02	4.2	4.75	3.0	4.22
M3	1.02	4.2	4.75	3.2	4.22
3.5M3	1.02	5.39	6.35	3.2	5.41
M3.5	1.02	5.39	6.35	3.9	5.41
M4	1.27	5.98	7.0	4.8	6.0
3.5M4	1.27	7.12	8.0	4.8	7.14
M5	1.27	7.12	8.0	5.35	7.14
M6	1.3	8.72	10.0	6.4	8.75

All dimensions are in inches(Size Unit:inch)

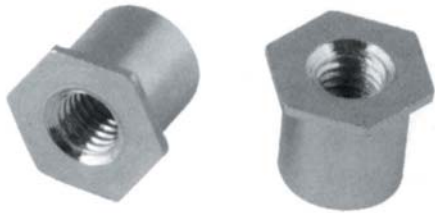
UNIFIED	Thread Size	Type			Thread Code	Length “L” +.002-.005(Length code is in 32ths of an inch)												Min.Dis- Hole C/L To Edge	
		Steel	Stainless Steel	Alum- inum		.125	.187	.250	.312	.375	.437	.500	.562	.625	.687	.750	.812		.875
	.112-40(#4-40)	SO	SOS	SOA	440 6440	4	6	8	10	12	14	16	18	20	22	/	/	/	0.23
	.138-32(#6-32)	SO	SOS	SOA	632 8632	4	6	8	10	12	14	16	18	20	22	24	26	28	0.27 0.31
	.164-32(#8-32)	SO	SOS	SOA	832	4	6	8	10	12	14	16	18	20	22	24	26	28	0.31
.190-32(#10-32)	SO	SOS	SOA	032	4	6	8	10	12	14	16	18	20	22	24	26	28	0.31	
D Dimension ± .010						None			.187			.312			.437				

All dimensions are in millimeters(Size Unit:mm)

METRIC	Thread Size	Type			Thread Code	Length “L” +0.05–0.13(Length Code is in millimeters)														Min.Dist. Hole C/L To Edge
		Steel	Stainless Steel	Alum- inum																
	M2.5X0.45	SO	SOS	SOA	M2.5	3	4	6	8	10	12	14	16	18	/	/	/	/	6	
	M3X0.5	SO	SOS	SOA	M3 3.5M3	3	4	6	8	10	12	14	16	18	/	/	/	/	6 6.8	
	M3.5X0.6	SO	SOS	SOA	M3	3	4	6	8	10	12	14	16	18	/	/	/	/	6.8	
	M4X0.7	SO	SOS	SOA	M4 3.5M4	3	4	6	8	10	12	14	16	18	20	22	25	/	7.5 8	
	M5X0.8	SO	SOS	SOA	M5	3	4	6	8	10	12	14	16	18	20	22	25	/	8	
M6X1.0	SO	SOS	SOA	M6	3	4	6	8	10	12	14	16	18	20	22	25	/	9		
D Dimension ±0.25					None				4			8			11					

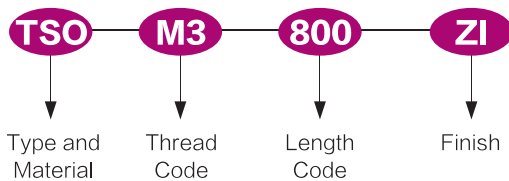
TSO

薄头压铆螺母柱 THREAD STANDOFFS

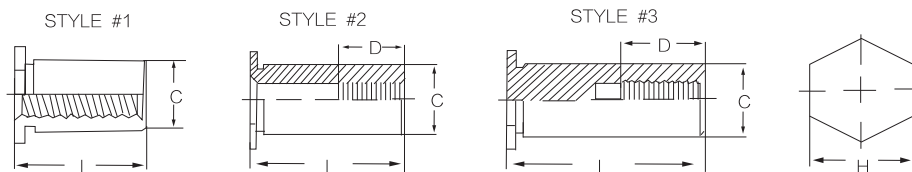


Thread Code	Rec Min. Sheet Thickness	Hole size In Sheet +.008	C +.000 - .005	D Min. Thread Depth	H Nom.
256	.025	.166	.165	.200	.187
6256	.025	.213	.212		.250
440	.025	.166	.165	.220	.187
6440	.025	.213	.212		.250
632	.025	.213	.212	.270	.250

Part Number Designation



Thread Code	Rec Min. Sheet Thickness	Hole size In Sheet +0.08	C -.13	D Min. Thread Depth	H Nom.
M2.5	0.63	4.22	4.19	5.2	4.75
3.5M2.5	0.63	5.41	5.39		6.35
M3	0.63	4.22	4.19	6.2	4.75
3.5M3	0.63	5.41	5.39		6.35
M3.5	0.63	5.41	5.39	7.0	6.35



All dimensions are in inches (Size Unit: inch)

UNIFIED	Thread Size	Type			Thread Code	Length “L” ± .003 For other lengths/thread depth data see chart below.												Min. Dist Hole C/L To Edge
		Steel	Stainless Steel	Alum- inum		.090	.125	.187	.250	.312	.375	.437	.500	.562	.625	.687	.750	
						Length Code (Length “L” without decimal point)												
	.086-56(#2-56)	TSO	TSOS	TSOA	256 6256(4)	090(1)	125(1)	187(1)	250(1)	312(2)	375(2)	437(3)	500(3)	562(3)	625(3)	687(3)	750(3)	.23 .27
.112-40(#4-40)	TSO	TSOS	TSOA	440 6440(4)	090(1)	125(1)	187(1)	250(1)	312(2)	375(2)	437(2)	500(3)	562(3)	625(3)	687(3)	750(3)	.23 .27	
.138-32(#6-32)	TSO	TSOS	TSOA	632	/	125(1)	187(1)	250(1)	312(1)	375(2)	437(2)	500(2)	562(3)	625(3)	687(3)	750(3)	.27	

All dimensions are in millimeters (Size Unit: mm)

METRIC	Thread Size	Type			Thread Code	Length “L” ±0.08 For other lengths/thread depth data see chart below.												Min.Dist Hole C/L To Edge	
		Steel	Stainless Steel	Alum- inum		2	3	4	6	8	10	12	14	16	18	19			
						Length Code (Length“L”without decimal point)													
	M2.5X0.45	TSO	TSOS	TSOA	M2.5 3.5M2.5(4)	200(1)	300(1)	400(1)	600(1)	800(2)	1000(3)	1200(3)	1400(3)	1600(3)	1800(3)	1900(3)	5.8 7.1		
	M3X0.5	TSO	TSOS	TSOA	M3 3.5M3(4)	200(1)	300(1)	400(1)	600(1)	800(2)	1000(2)	1200(3)	1400(3)	1600(3)	1800(3)	1900(3)	5.8 7.1		
	M3.5X0.6	TSO	TSOS	TSOA	M3.5	/	300(1)	400(1)	600(1)	800(1)	1000(2)	1200(2)	1400(3)	1600(3)	1800(3)	1900(3)	7.1		

(1) Style #1. (2) Style #2. (3) Style #3. (N/A) Not Available

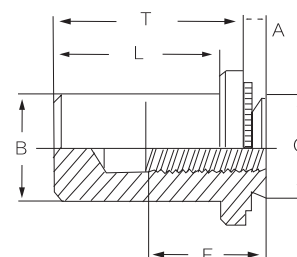
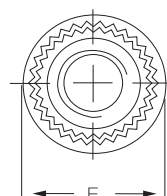
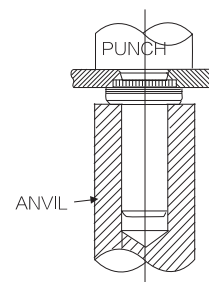
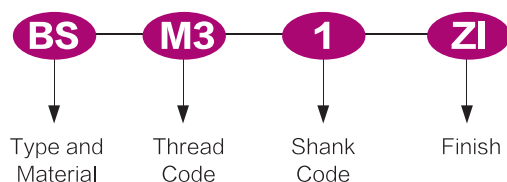
(4) Standoffs with thread codes 6256, 6440, 3.5M2.5 and 3.5M3 offer greater wall thickness for thread sizes 256, 440, M2.5 and M3 respectively.

BS

自扣紧封闭压铆螺母柱 SELF-CLINCHING BLIND FASTENERS



Part Number Designation



All dimensions are in inches(Size Unit:inch)

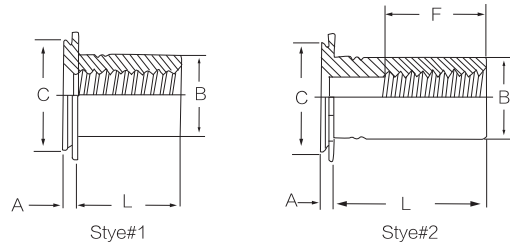
	Thread Size	Type		Thread Code	Shank Code	A (Shank Max.)	Min.Sheet Thickness	Hole Size IN Sheet +.003	B MAX.	C MAX.	E ± 0.01	F Min.	L MAX.	T ± 0.01	Min.Dist Hole C/L To Edge
		Steel	Stainless Steel												
UNIFIED	.112-40(#4-40)	B	BS	440	1	.038	.040	.166	.150	.165	.250	.210	.335	.380	.19
					2	.054	.056								
	.138-32(#6-32)	B	BS	632	1	.038	.040	.1875	.169	.187	.280	.230	.335	.380	.22
					2	.054	.056								
	.164-32(#8-32)	B	BS	832	1	.038	.040	.213	.204	.212	.310	.280	.385	.440	.27
					2	.054	.056								
	.190-32(#10-32)	B	BS	032	1	.038	.040	.250	.235	.249	.340	.280	.385	.440	.28
					2	.054	.056								
	.250-20(1/4-20)	B	BS	0420	1	.054	.056	.344	.305	.343	.430	.310	.500	.560	.34
					2	.087	.090								

All dimensions are in millimeters(Size Unit:mm)

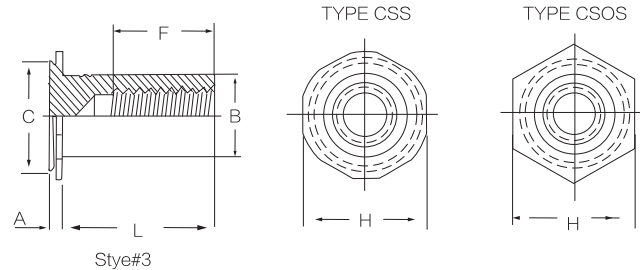
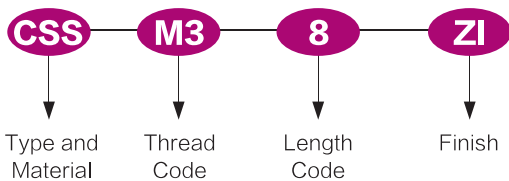
	Thread Size	Type		Thread Code	Shank Code	A (Shank Max.)	Min.Sheet Thickness	Hole Size IN Sheet +0.08	B MAX.	C MAX.	E ± 0.25	F Min.	L MAX.	T ± 0.25	Min.Dist Hole C/L To Edge
		Steel	Stainless Steel												
METRIC	M3X0.5	B	BS	M3	1	0.97	1	4.25	3.84	4.22	6.35	5.3	8.5	9.6	4.8
					2	1.38	1.4								
	M4X0.7	B	BS	M4	1	0.97	1	5.4	5.2	5.38	7.95	7.1	9.8	11.2	6.9
					2	1.38	1.4								
	M5X0.8	B	BS	M5	1	0.97	1	6.4	6.02	6.38	8.75	7.1	9.8	11.2	7.1
					2	1.38	1.4								
	M6X1.0	B	BS	M6	1	1.38	1.4	8.75	7.8	8.72	11.1	7.8	12.7	14.3	8.6
					2	2.21	2.3								

CSS/CSOS

埋头压铆螺柱 CONCEALED-HEAD STANDOFFS



Part Number Designation



All dimensions are in inches(Size Unit:inch)

	Thread Size	Type	Thread Code	Length "L" + .002-.005 (Length Code is in 16ths of an inch)							Min. Sheet	Blind Mounting Hole Dia +.003 - .000	Min. Depth Of	Min. depth Full Thread F	A Max.	B Max. (5)	C Max.	H Nom.	Min. Dist Hole C/L To Edge	
		Stainless Steel									Thick-ness		Blind Hole (4)							
				.187	.250	.312	.375	.500	.625	.750										.100
UNIFIED	.112-40(#4-40)	CSS	440	3(1)	4(2)	5(2)	6(2)	8(3)	10(3)	12(3)	16(3)	.062	.213	.043	.188	.041	.165	.212	.250	.188
		CSOS									.093	.075		.072						
	.138-32(#6-32)	CSS	632	3(1)	4(1)	5(2)	6(2)	8(3)	10(3)	12(3)	16(3)	.062	.290	.043	.250	.041	.213	.289	.312	.219
		CSOS									.093	.075		.072						
	.164-32(#8-32)	CSS	832	3(1)	4(1)	5(2)	6(2)	8(3)	10(3)	12(3)	16(3)	.062	.312	.043	.250	.041	.245	.311	.344	.250
		CSOS									.093	.075		.072						
	.190-32(#10-32)	CSS	032	3(1)	4(1)	5(1)	6(1)	8(2)	10(3)	12(3)	16(3)	.062	.344	.043	.375	.041	.290	.343	.375	.281
		CSOS									.093	.075		.072						
	.250-20(1/4-20)	CSS	0420	3(1)	4(1)	5(1)	6(1)	8(2)	10(2)	12(3)	16(3)	.062	.390	.043	.375	.041	.354	.389	.438	.375
		CSOS									.093	.075		.072						

All dimensions are in millimeters(Size Unit:mm)

METRIC	Thread Size	Type	Thread Code	Length Code "L"+0.05–0.13 (Length Code is in millimeters)							Min. Sheet Thick-ness	Blind Mounting Hole Dia +0.08	Min. Depth Of Blind Hole (4)	Min. depth Full Thread F	A Max.	B Max. (5)	C Max.	H Nom.	Min. Dist Hole C/L To Edge
		Stainless Steel																	
	M3X0.5	CSS CSOS	M3	4(1)	6(1)	8(2) 8(3)	10(3)	12(3)	16(3)	20(3)	25(3)	1.6 2.4	5.41	1.1 1.91	5	1.04 1.83	4.2	5.39	6.35
M4X0.7	CSS CSOS	M4	4(1)	6(1)	8(2)	10(2) 10(3)	12(3)	16(3)	20(3)	25(3)	1.6 2.4	7.92	1.1 1.91	6.5	1.04 1.83	6.23	7.9	8.74	6.4
M5X0.8	CSS CSOS	M5	4(1)	6(1)	8(1)	10(2)	12(2)	16(3)	20(3)	25(3)	1.6 2.4	8.74	1.1 1.91	9.6	1.04 1.83	7.37	8.72	9.53	7.2
M6X1	CSS	M6	4(1)	6(1)	8(1)	10(2)	12(2)	16(3)	20(3)	25(3)	2.4	9.9	1.91	9.6	1.83	9	9.89	11.11	9.5

(4) Blind mounting holes may be deeper than minimums except where sheet material is at or near minimum thickness.

Fasteners should always be installed so the flange is flush with the surface of the sheet.

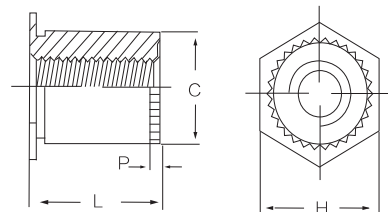
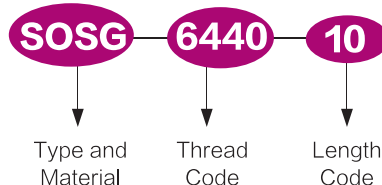
(5) If standoff is used as a bushing, the hole in attached part must not exceed "B" plus .020"/0.51 mm.

SOSG

接地压铆螺母柱 GROUNDING STANDOFFS



Part Number Designation



All dimensions are in inches(Size Unit:inch)

UNIFIED	Thread Size	Type		Thread Code	Length "L" +.010–.000 (Length Code is in 32ths of an inch)						Min. Sheet Thickness	Hole Size In Sheet +.003	C +.000 –.005	H ±.005	P Nom.	Min. Dist Hole C/L To Edge	D Anvil hole +.003 –.000	
		Stainless Steel	Aluminum		.125	.187	.250	.312	.375	.437								.500
	.112-40(#4-40)	SOSG	SOAG	6440	4	6	8	10	12	14	16	.040	.213	.212	.250	.030	.27	.216
	.138-32(#6-32)	SOSG	SOAG	8632	4	6	8	10	12	14	16	.050	.281	.280	.312	.030	.31	.284

All dimensions are in millimeters(Size Unit:mm)

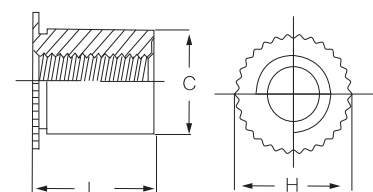
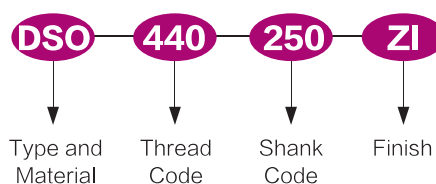
METRIC	Thread Size	Type		Thread Code	Length Code "L" +0.25 (Length Code is in millimeters)								Min. Sheet Thickness	Hole Size In Sheet +0.08	C -0.13	H ± 0.13	P Nom.	Min. Dist Hole C/L To Edge	D Anvil hole +0.08
		Stainless Steel	Alum-inum		3	4	6	8	10	12									
	M3X0.5	SOSG	SOAG	3.5M3	3	4	6	8	10	12			1.0	5.4	5.38	6.35	0.76	6.8	5.5

DSO

压铆螺母柱 SCREWLOCK STANDOFFS



Part Number Designation



All dimensions are in inches(Size Unit:inch)

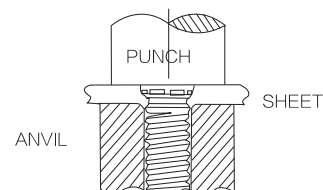
UNIFIED	Thread Size	Type		Thread Code	Length Code	Sheet Thickness	Hole Size In Sheet +.003	C Max.	H Nom.	L +.002 -.005	Min. Dist Hole C/L To Edge
		Carbon Steel	Stainless Steel								
	.112-40(#4-40)	DSO	DSOS	440	250 275	.037-.250	.166	.165	.194	.250 .275	.126

All dimensions are in millimeters(Size Unit:mm)

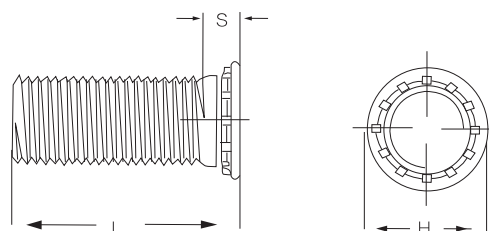
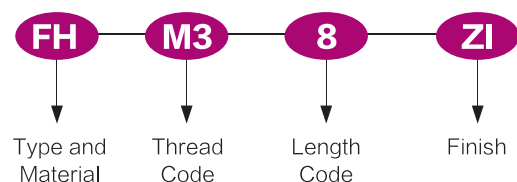
METRIC	Thread Size	Type		Thread Code	Length Code	Sheet Thickness	Hole Size In Sheet +0.08	C Max.	H Nom.	L +0.05 -0.13	Min. Dist Hole C/L To Edge
		Carbon Steel	Stainless Steel								
	.112-40(#4-40)	DSO	DSOS	M3	6.35 7	0.94-6.35	4.2	4.19	4.92	6.35 7	3.2

FH / FHS

圆头压铆螺母钉 ROUND HEAD STUDS



Part Number Designation



All dimensions are in inches (Size Unit: inch)

	Thread Size	Type		Thread Code	Length “L” ± .015 (Length Code is in 16ths of an inch)										Min. Sheet Thickness	Hole Size In Sheet +.003	Max. Hole In Attach Parts	H ± .015	S Max.	Min. Dist Hole C/L To Edge	
		Steel	Stain-less Steel		Alum-inum	.250	.312	.375	.500	.625	.750	.875	1.00	1.25							1.50
UNIFIED	.086-56(#2-56)	FH	FHS	FHA	256	4	5	6	8	10	12	/	/	/	/	.040	.085	.105	.144	.075	.187
	.112-40(#4-40)	FH	FHS	FHA	440	4	5	6	8	10	12	14	16	/	/	.040	.111	.135	.176	.085	.219
	.138-32(#6-32)	FH	FHS	FHA	632	4	5	6	8	10	12	14	16	20	24	.040	.137	.160	.206	.090	.250
	.164-32(#8-32)	FH	FHS	FHA	832	4	5	6	8	10	12	14	16	20	24	.040	.163	.185	.237	.090	.281
	.190-24(#10-24)	FH	FHS	FHA	024	/	5	6	8	10	12	14	16	20	24	.040	.189	.210	.256	.100	.281
	.190-32(#10-32)	FH	FHS	FHA	032	/	5	6	8	10	12	14	16	20	24	.040	.189	.210	.256	.100	.281
	.250-20(1/4-20)	FH	FHS	FHA	0420	/	/	6	8	10	12	14	16	20	24	.062	.249	.270	.337	.135	.312
	.313-18(5/16-18)	FH	FHS	FHA	0518	/	/	/	8	10	12	14	16	20	24	.093	.311	.333	.376	.160	.375

All dimensions are in millimeters (Size Unit: mm)

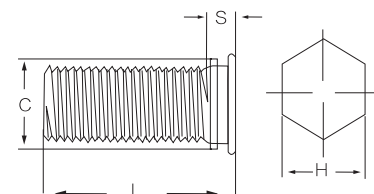
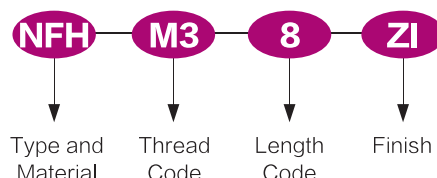
	Thread Size	Type			Thread Code	Length Code “L” ±0.4 (Length Code is in millimeters)										Min. Sheet Thick-ness	Hole Size In Sheet +0.08	Max. Hole In Attach Parts	H ± 0.4	S Max.	Min. Dist Hole C/L To Edge
		Steel	Stain-less Steel	Alum-inum																	
METRIC	M2.5X0.45	FH	FHS	FHA	M2.5	6	8	10	12	15	18	/	/	/	/	1	2.5	3.1	4.1	1.95	5.4
	M3X0.5	FH	FHS	FHA	M3	6	8	10	12	15	18	20	25	/	/	1	3	3.6	4.6	2.1	5.6
	M3.5X0.6	FH	FHS	FHA	M3.5	6	8	10	12	15	18	20	25	30	/	1	3.5	4.1	5.3	2.25	6.4
	M4X0.7	FH	FHS	FHA	M4	6	8	10	12	15	18	20	25	30	35	1	4	4.6	5.9	2.4	7.2
	M5X0.8	FH	FHS	FHA	M5	/	8	10	12	15	18	20	25	30	35	1	5	5.6	6.5	2.7	7.2
	M6X1.0	FH	FHS	FHA	M6	/	/	10	12	15	18	20	25	30	35	1.6	6	6.6	8.2	3	7.9
	M8X1.25	FH	FHS	FHA	M8	/	/	/	12	15	18	20	25	30	35	2.4	8	8.6	9.6	3.7	9.6

NFH

六角头压铆螺母钉 HEXAGON HEAD STUDS



Part Number Designation



All dimensions are in millimeters(Size Unit:mm)

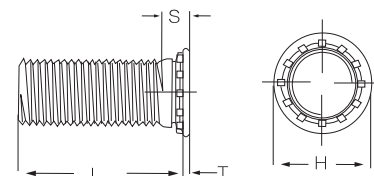
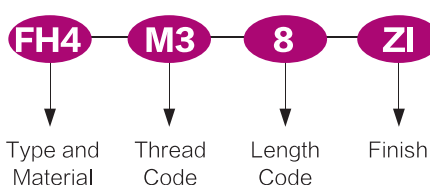
METRIC	Thread Size	Type		Thread Code	Length Code “L” ±0,4 (Length Code is in millimeters)										Min. Sheet Thick-ness	Hole Size In Sheet +0.08	C −0.13	H ± 0,4	S Max.	Min. Dist Hole C/L To Edge
		Steel	Stainless Steel																	
	M3X0.5	NFH	NFHS	M3	5	6	8	10	12	16	20	/	/	/	1	4.8	4.78	6	1.25	7.2
	M4X0.7	NFH	NFHS	M4	5	6	8	10	12	16	20	25	30	35	1	4.8	4.78	6	1.25	7.2
	M5X0.8	NFH	NFHS	M5	/	6	8	10	12	16	20	25	30	35	1	5	4.98	6.35	1.25	7.5
M6X1.0	NFH	NFHS	M6	/	/	8	10	12	16	20	25	30	35	1.6	6	5.98	7	4	9	

FH4

不锈钢圆头压铆螺钉 ROUND HEAD STUDS



Part Number Designation



All dimensions are in millimeters(Size Unit:mm)

METRIC	Thread Size	Type	Thread Code	Length “L” ±.015 (Length Code is in 16ths of an inch)											Min. Sheet Thick-ness	Hole Size In Sheet +.003	Max. Hole In Attach Parls	H ± .015	S Max.	Min. Dist Hole C/L To Edge
		400 Stainless Steel		.250	.312	.375	.500	.625	.750	.875	1.00	1.25	1.50							
	.112-40(#4-40)	FH4	440	4	5	6	8	10	12	14	16	/	/	.040-.095	.111	.135	.176	.085	.219	
	.138-32(#6-32)	FH4	632	4	5	6	8	10	12	14	16	20	24	.040-.095	.137	.160	.206	.090	.250	
	.164-32(#8-32)	FH4	832	4	5	6	8	10	12	14	16	20	24	.040-.095	.163	.185	.237	.090	.281	
	.190-32(#10-32)	FH4	032	/	5	6	8	10	12	14	16	20	24	.040-.095	.189	.210	.256	.100	.281	

All dimensions are in millimeters(Size Unit:mm)

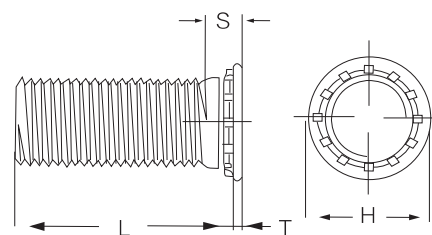
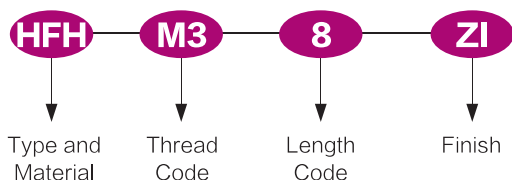
METRIC	Thread Size	Type	Thread Code	Length Code “L” ±0.4 (Length Code is in millimeters)										Min. Sheet Thick-ness	Hole Size In Sheet +0.08	Max. Hole In Attach Parls	H ± 0.4	S Max.	Min. Dist Hole C/L To Edge
		400 Stainless Steel																	
	M3X0.5	FH4	M3	6	8	10	12	15	18	20	25	/	/	1-2.4	3.0	3.6	4.6	2.1	5.6
	M4X0.7	FH4	M4	6	8	10	12	15	18	20	25	30	35	1-2.4	4.0	4.6	5.9	2.4	7.2
	M5X0.8	FH4	M5	/	8	10	12	15	18	20	25	30	35	1-2.4	5.0	5.6	6.5	2.7	7.2

HFH

重型圆头压铆螺钉 ROUND HEAD STUDS



Part Number Designation



All dimensions are in inches (Size Unit: inch)

	Thread Size	Type			Thread Code	Length Code "L" ±.015 (Length Code is in 16ths of an inch)						Min. Sheet Thickness	Hole Size In Sheet +.005 -.000	Max. Hole In Attach Parts	H ± .01	S Max. (2)	T Max.	Min. Dist. Hole To Edge	
		Fastener Material																	
		Steel	Stainless Steel	Phosphor Bronze(1)		.500	.750	1.00	1.25	1.50	1.75								2.00
UNIFIED	.190-32(#10-32)	HFH	HFHS	HFHB	032	8	12	16	20	24	28	32	.050	.190	.250	.300	.105	.040	.415
	.250-20(1/4-20)	HFH	HFHS	HFHB	0420	8	12	16	20	24	28	32	.060	.250	.312	.380	.125	.050	.460
	.313-18(5/16-18)	HFH	HFHS	HFHB	0518	8	12	16	20	24	28	32	.075	.312	.375	.480	.140	.070	.500
	.375-16(3/8-16)	HFH	HFHS	HFHB	0616	NA	12	16	20	24	28	32	.090	.375	.437	.580	.155	.085	.530

All dimensions are in millimeters (Size Unit: mm)

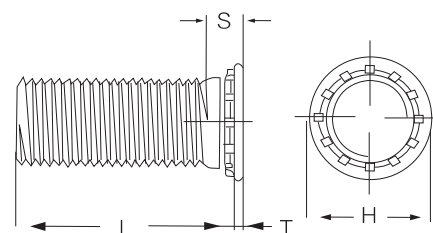
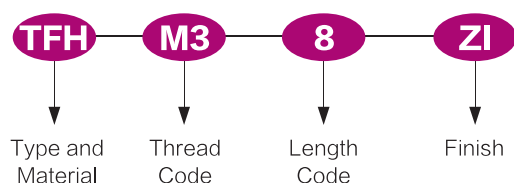
METRIC	Thread Size	Type			Thread Code	Length Code "L" ± 0.4 (Length Code is in millimeters)							Min. Sheet Thick-ness	Hole Size In Sheet +0.13	Max. Hole In Attach Parls	H ± 0.25	S Max. (2)	T Max.	Min. Dist Hole To Edge
		Fastener Material																	
		Steel	Stainless Steel	Phosphor Bronze(1)															
	M5X0.8	HFH	HFHS	HFHB	M5	15	20	25	30	35	40	50	1.3	5	6.5	7.8	2.7	1.14	10.7
M6X1	HFH	HFHS	HFHB	M6	15	20	25	30	35	40	50	1.5	6	7.5	9.4	2.8	1.27	11.5	
M8X1.25	HFH	HFHS	HFHB	M8	15	20	25	30	35	40	50	2	8	9.5	12.5	3.5	1.78	12.7	
M10X1.5	HFH	HFHS	HFHB	M10	15	20	25	30	35	40	50	2.3	10	11.5	15.7	4.1	2.29	13.7	

TFH

薄头圆头压铆螺钉 ROUND HEAD STUDS



Part Number Designation



All dimensions are in inches (Size Unit: inch)

	Thread Size	Type		Thread Code	Length "L" ± .015 (Length Code is in 16ths of an inch)										Min. Sheet Thickness	Hole Size In Sheet +0.003 -0.000	Max. Hole In Attach Parts	H ± .015	S Max. (2)	T Max.	Min. Dist. Hole To Edge
		Fastener Material																			
		Steel	Stainless Steel																		
UNIFIED	.086-56(#2-56)	TFH	HFHS	256	.250	.312	.375	.500	.625	.750	.875	1.00	1.25	1.50	.020	.085	.105	.141	.070	.025	.187
	.112-40(#4-40)	TFH	HFHS	440	4	5	6	8	10	12	14	NA	NA	NA	.020	.111	.135	.176	.070	.025	.219
	.138-32(#6-32)	TFH	HFHS	632	4	5	6	8	10	12	14	16	20	24	.020	.137	.160	.203	.070	.025	.250
	.164-32(#8-32)	TFH	HFHS	832	4	5	6	8	10	12	14	16	20	24	.020	.163	.185	.234	.070	.025	.281
	.190-24(#10-24)	TFH	HFHS	024	NA	5	6	8	10	12	14	16	20	24	.020	.189	.210	.250	.090	.025	.281
	.190-32(#10-32)	TFH	HFHS	032	NA	5	6	8	10	12	14	16	20	24	.020	.189	.210	.250	.090	.025	.281

All dimensions are in millimeters (Size Unit: mm)

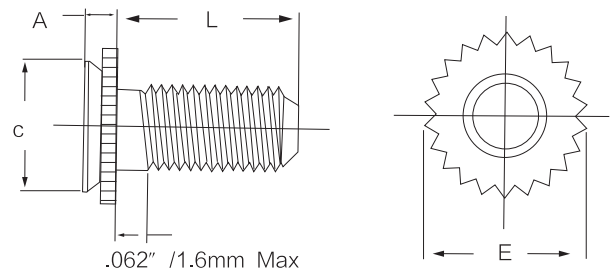
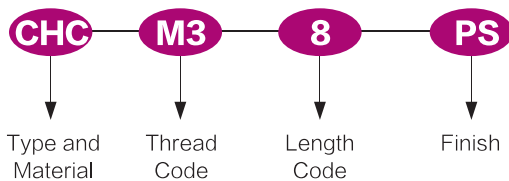
METRIC	Thread Size X Pitch	Type		Thread Code	Length Code "L" ±0.4 (Length Code is in millimeters)										Min. Sheet Thick-ness	Hole Size In Sheet +0.08	Max. Hole In Attach Parls	H ±0.4	S Max. (2)	T Max.	Min Dist Hole To Edge
		Fastener Material																			
		Steel	Stainless Steel																		
	M3X0.5	TFH	TFHS	M3	6	8	10	12	15	18	20	25	NA	NA	0.51	3	3.6	4.5	1.8	0.64	5.6
M4X0.7	TFH	TFHS	M4	NA	8	10	12	15	18	20	25	30	35	0.51	4	4.6	5.8	1.8	0.64	7.2	
M5X0.8	TFH	TFHS	M5	NA	8	10	12	15	18	20	25	30	35	0.51	5	5.6	6.4	2.3	0.64	7.2	

CHC

埋头压铆螺钉 CONCEALED HEAD STUDS



Part Number Designation



All dimensions are in inches (Size Unit: inch)

	Thread Size	Type		Thread Code	Length "L" ± .015 (Length Code is in 16ths of an inch)						Min. Sheet Thickness	Blind Mounting Hole Dia +.003 -.000	Min. Depth Of Blind Hold(1)	A Max.	E ± .010	C Max.	Min. Dist Hole C/L To Edge	Max. Hole in Attached Parts
		Alum-inum	Stainless Steel		.250	.375	.500	.625	.750	.100								
UNIFIED	.112-40(#4-40)	CHA	CHC	440	4	6	8	10	12	/	.062 .093	.172	.043 .075	.041 .071	.205	.171	.156	.135
		CFHA	CFHC															
	.138-32(#6-32)	CHA	CHC	632	4	6	8	10	12	16	.062 .093	.213	.043 .075	.041 .071	.250	.212	.188	.160
		CFHA	CFHC															
	.164-32(#8-32)	CHA	CHC	832	4	6	8	10	12	16	.062 .093	.290	.043 .075	.041 .071	.328	.289	.219	.185
		CFHA	CFHC															
	.190-32(#10-32)	CHA	CHC	032	/	6	8	10	12	16	.062 .093	.312	.043 .075	.041 .071	.350	.311	.250	.210
		CFHA	CFHC															

All dimensions are in millimeters (Size Unit: mm)

	Thread Size	Type		Thread Code	Length Code "L" ± 0.4 (Length Code is in millimeters)						Min. Sheet Thickness	Blind Mounting Hole Dia +0.08	Min. Depth Of Blind Hold(1)	A Max.	E ± 0.25	C Max.	Min. Dist Hole C/L To Edge	Max. Hole in Attached Parts
		Alum-inum	Stainless Steel		4	6	8	10	12	16								
METRIC	M3X0.5	CHA	CHC	M3	4	6	8	10	12	16	1.6 2.4	4.37	1.1 1.91	1.04 1.8	5.21	4.35	4.0	3.6
		CFHA	CFHC															
	M4X0.7	CHA	CHC	M4	4	6	8	10	12	16	1.6 2.4	7.37	1.1 1.91	1.04 1.8	8.33	7.35	5.6	4.6
		CFHA	CFHC															
	M5X0.8	CHA	CHC	M5	/	6	8	10	12	16	1.6 2.4	7.93	1.1 1.91	1.04 1.8	8.89	7.9	6.4	5.6
		CFHA	CFHC															

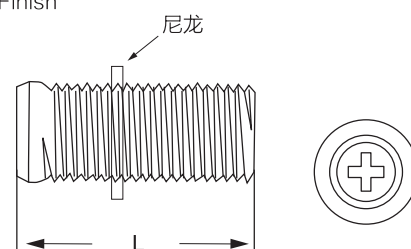
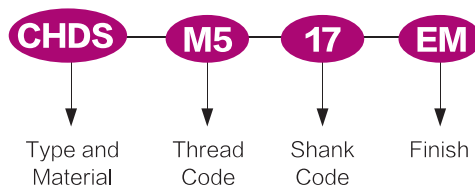
- (1) Blind holes may be deeper than minimums except where sheet material is at or near minimum thickness. Fasteners should always be installed so the flange is flush with the surface of the sheet.

CHDS

皇冠螺钉



Part Number Designation



All dimensions are in millimeters(Size Unit:mm)

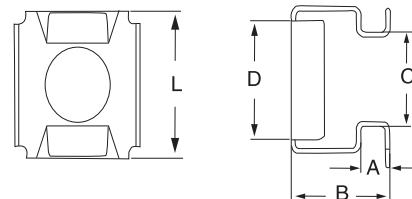
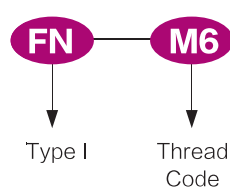
METRIC	Thread Size X Pitch	TYPE	Thread Code	L ±0.4		
	M5X0.8	CHDS	M5	17	20	25
	M6X1	CHDS	M6	17	20	25

FN/DK

卡式螺母 CAGE NUTS



Part Number Designation



All dimensions are in millimeters(Size Unit:mm)

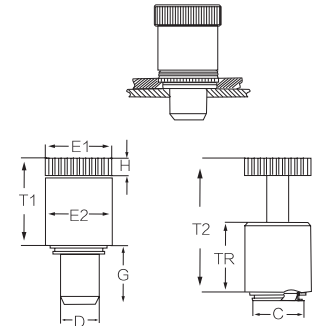
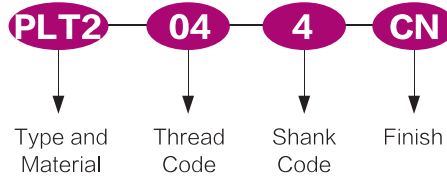
METRIC	Thread Size X Pitch	TYPE	Hole Size In Sheet ±0.2	Sheet Thickness	L	A ±0.1	B ±0.2	C ±0.2	D ±0.2
	M5	FH	8.5*8.5	1.5~2.0	12	2.5	8	8.5	10
	M6								
	M5	DK	9*9	1.5~2.0	13	2.6	9	9	10
	M6								

PLT

彈簧銷 SPRING-LOADED PLUNGER ASSEMBLIES



Part Number Designation



All dimensions are in inches(Size Unit:inch)

UNIFIED	TYPE	Plunger Diameter Code	Plunger Length Code	Min. Sheet Thickness	Hole Size In Sheet +.003	C Max.	D +.000 - .005	E1 ±.010	E2 ±.010	G ±.010	H ±.010	T1 ±.010	T2 Nom.	TR ±.005	Min. Dist Hole C/L To Edge
	PTL2	04	4	.060	.328	.327	.250	.50	.406	.310	.17	.595	.895	.430	.34
	PSL2(1)	04	4	.060	.328	.327	.250	.50	.406	.310	.17	.510	.780	.350	.34

All dimensions are in millimeters(Size Unit:mm)

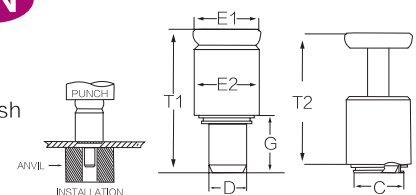
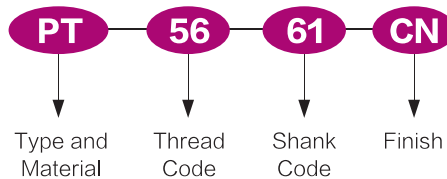
METRIC	TYPE	Plunger Diameter Code	Plunger Length Code	Min. Sheet Thickness	Hole Size In Sheet +.003	C Max.	D -0.13	E1 ±0.25	E2 ±0.25	G ±0.25	H ±0.25	T1 ±0.25	T2 Nom.	TR ±0.13	Min. Dist Hole C/L To Edge
	PTL2	04	4	1.53	8.33	8.31	6.35	12.7	10.3	7.87	4.32	15.11	22.73	10.92	8.64
	PSL2(1)	04	4	1.53	8.33	8.31	6.35	12.7	10.3	7.87	4.32	12.95	19.81	8.89	8.64

PT

彈簧銷 SPRING-LOADED PLUNGER ASSEMBLIES



Part Number Designation



All dimensions are in inches(Size Unit:inch)

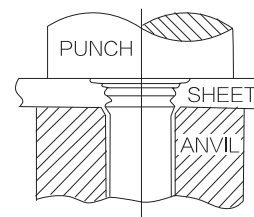
UNIFIED	TYPE		Plunger Diameter Code	Plunger Length Code	Min. Sheet Thickness	Hole Size In Sheet +.003	D Max.	C Max.	E1 ±.010	E2 ±.010	G ±.015	T1 ±.015	T2 Nom.	Min. Dist Hole C/L To Edge
	Steel	Stainless Steel												
	PT	PTS	56	61	.060	.328	.327	.025	.453	.405	.335	.807	.740	.34

All dimensions are in millimeters(Size Unit:mm)

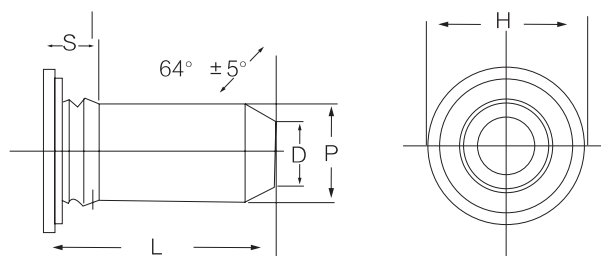
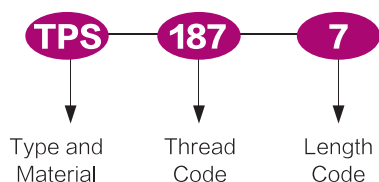
METRIC	TYPE		Plunger Diameter Code	Plunger Length Code	Min. Sheet Thickness	Hole Size In Sheet +.003	D Max.	C Max.	E1 ±0.25	E2 ±0.25	G ±0.25	T1 ±0.25	T2 Nom.	Min. Dist Hole C/L To Edge
	Steel	Stainless Steel												
	PT	PTS	56	61	1.53	8.33	8.31	6.35	11.5	10.3	8.5	20.5	18.8	8.64

TPS

定位销 KEYHOLE STANDOFFS



Part Number Designation



All dimensions are in inches (Size Unit: inch)

UNIFIED	Pin Diameter P ± .002	Type		Pin Diameter Code	Length "L" ± .005 (Length Code in 16ths of an inch)					Min. Sheet Thickness	Hole Size In Sheet + .003 - .000	D ± .006	H ± .015	S Max.	Min. Dist Hole C/L To Edge
		300Seris Stainless Steel	400Seris Stainless Steel		.375	.500	.625	.75	.100						
		TPS	TP4		6	8	10	12	/						
	0.125	TPS	TP4	125	6	8	10	12	/	.040	.144	.090	.205	.090	.250
	0.187	TPS	TP4	187	6	8	10	12	16	.040	.205	.132	.270	.090	.280
	0.250	TPS	TP4	250	/	8	10	12	16	.040	.272	.177	.335	.090	.310

All dimensions are in millimeters (Size Unit: mm)

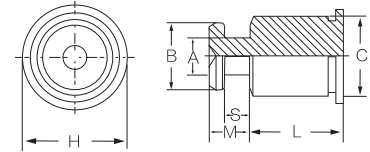
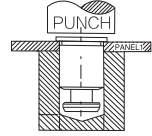
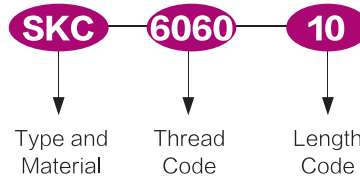
METRIC	Pin Diameter P ± 0.05	Type		Pin Diameter Code	Length Code "L" ± 0.4 (Length Code in millimeters)					Min. Sheet Thickness	Hole Size In Sheet + 0.08	D ± 0.15	H ± 0.4	S Max.	Min. Dist Hole C/L To Edge
		300Seris Stainless Steel	400Seris Stainless Steel		8	10	12	16	/						
		TPS	TP4		8	10	12	16	/						
	3	TPS	TP4	3mm	8	10	12	16	/	1	3.5	2.05	5.2	2.29	6.4
	4	TPS	TP4	4mm	8	10	12	16	/	1	4.5	2.82	6.12	2.29	7.1
	5	TPS	TP4	5mm	/	10	12	16	20	1	5.5	3.53	7.19	2.29	7.6
	6	TPS	TP4	6mm	/	10	12	16	20	1	6.5	4.24	8.13	2.29	7.9

SKC

定位间隔柱 KEYHOLE STANDOFFS



Part Number Designation



TYPE SKC:300Series Stainless Steel;Passivation

All dimensions are in inches(Size Unit:inch)

UNIFIED	Type	Body Size Sheet Code	Length "L" $\pm .005$ (Length Code is in 32ths of an inch)												A $\pm .003$	B $\pm .003$	C Max.	S $\pm .003$	M Max.	H Nom.	D Anvil hole $+.003$ $-.000$
	Stainless Steel		.125	.188	.250	.312	.375	.437	.500	.562	.625	.750	.875	1.00							
	SKC	6060	4	6	8	10	12	14	16	18	20	24	28	32	.099	.177	.212	.068	.108	.250	.216

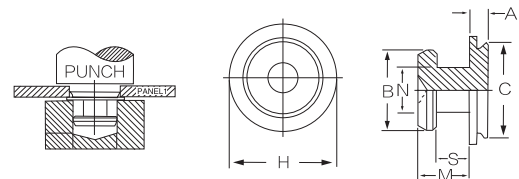
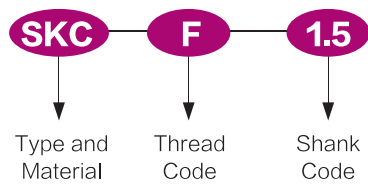
All dimensions are in millimeters(Size Unit:mm)

METRIC	Type	Body Size Sheet Code	Length "L" ± 0.13 (Length Code in millimeters)												A ± 0.08	B ± 0.08	C Max.	S ± 0.08	M Max.	H Nom.	D Anvil hole $+0.08$
	Stainless Steel		4	6	8	10	12	14	16	18	20	22	24	25							
	SKC	61.5	4	6	8	10	12	14	16	18	20	22	24	25	2.5	4.5	5.38	1.72	2.75	6.35	5.5

SKC-F

定位间隔柱 KEYHOLE STANDOFFS

Part Number Designation



TYPE SKC:300Series Stainless Steel;Passivation

All dimensions are in inches(Size Unit:inch)

UNIFIED	TYPE	Face Mounting Designation Code	Sheet Thickness Code	A Max.	B $\pm .003$	C Max.	H Nom.	M Max.	N $\pm .003$	S $\pm .003$	D Anvil hole $+.003$ $-.000$
	Stainless Steel										
	SKC	F	1.5	.039	.177	.212	.237	.108	.099	.068	.184

All dimensions are in millimeters(Size Unit:mm)

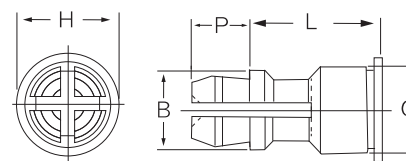
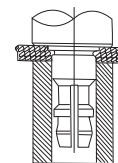
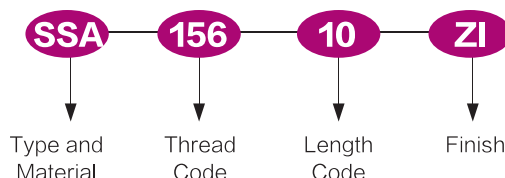
METRIC	TYPE	Face Mounting Designation Code	Sheet Thickness Code	A Max.	B ± 0.08	C Max.	H Nom.	M Max.	N ± 0.08	S ± 0.08	D Anvil hole $+0.08$
	Stainless Steel										
	SKC	F	1.5	1	4.5	5.39	6.02	2.75	2.5	1.72	4.67

SSA

支撑卡柱 KEYHOLE STANDOFFS



Part Number Designation



SSA: Aluminum
 SSS: Carbon Steel; Zinc Plate
 SSC: 300 or 400 Series Stainless Steel

All dimensions are in inches (Size Unit: inch)

UNIFIED	Type			Top Panel Mounting Hole Diameter Code	Length "L" ± .005 (Length Code is in 32ths of an inch)												B ± .005	C Max.	H ± .005	P ± .005
	Aluminum	Carbon Steel	Stainless Steel																	
	SSA	SSS	SSC		.250	.312	.375	.437	.500	.562	.625	.750	.875	1.00						
				156	8	10	12	14	16	18	20	24	28	32	.188	.212	.250	.141		

All dimensions are in millimeters (Size Unit: mm)

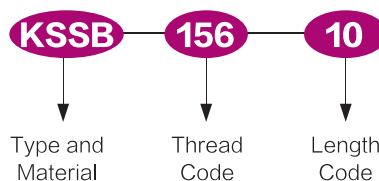
METRIC	Type			Top Panel Mounting Hole Diameter Code	Length Code "L" ± 0.13 (Length Code in millimeters)												B ± 0.13	C Max.	H ± 0.13	P ± 0.13
	Aluminum	Carbon Steel	Stainless Steel																	
	SSA	SSS	SSC		8	10	12	14	16	18	20	22	25							
				4mm											4.78	5.39	6.35	3.58		

KSSB

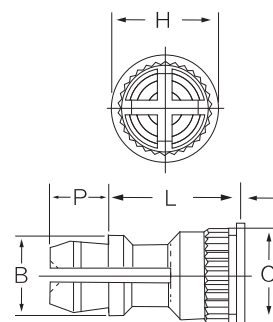
支撑卡柱 KEYHOLE STANDOFFS



Part Number Designation



KSSB: Free Machining Brass



All dimensions are in inches (Size Unit: inch)

UNIFIED	Type	Top Panel Mounting Hole Diameter Code	Length"L" ± .005 (Length Code in 32ths of an inch)										B ± .005	C ± .003	H ± .005	P ± .005	T ± .005
	Free Machining Brass		.250	.312	.375	.437	.500	.562	.625	.750	.875	1.00					
	KSSB	156	8	10	12	14	16	18	20	24	28	32	.188	.226	.250	.141	.020

All dimensions are in millimeters (Size Unit: mm)

METRIC	Type	Top Panel Mounting Hole Diameter Code Diameter Code .250	Length Code "L" ± 0.13 (Length Code in millimeters)										B ± 0.13	C ± 0.08	H ± 0.13	P ± 0.13	T ± 0.13	
	Free Machining Brass																	
			8	10	12	14	16	18	20	22	25							
	KSSB	156										4.78	5.74	6.35	3.58	0.51		

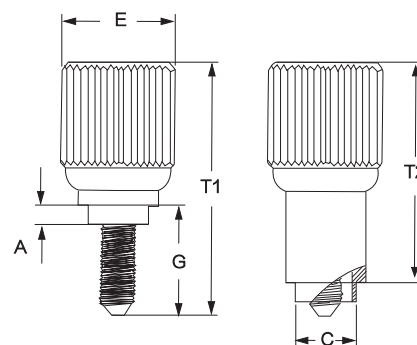
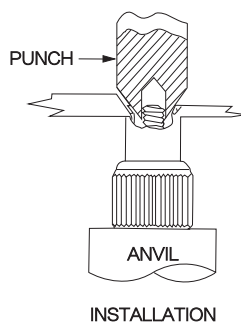
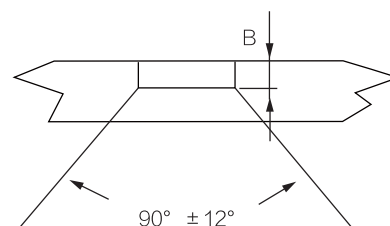
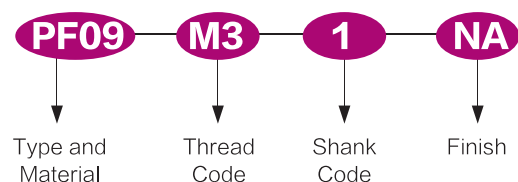
PF

弹簧螺钉 PANEL FASTENERS



PF09 Knob: Aluminum
 PF10 Knob: 300 Series Stainless Steel
 Ferrule: 300 Series Stainless Steel
 Screw: 300 Series Stainless Steel
 Spring: 300 Series Stainless Steel

Part Number Designation



All dimensions are in millimeters (Size Unit: mm)

	Thread Size	Type		Thread Code	Shank Code	A ±0.1	Sheet Thickness	Hole size In Sheet +0.08	C Max.	B ±0.1	G ±0.4	T1 ±0.2	T2 Nom	E ±0.25	Driver Size	
		Aluminum	Stainless Steel												Phillips +	Slots -
METRIC	M2.5 × 0.45	PF09	PF10	M2.5	0	1.0	1.0	4	3.98	0.4	5.0	14.5	13.4	7	#1	0.8
					1	1.5	1.5	4	3.98	0.4	6.0	15.5				
					2	2.5	2.5	4	3.98	0.8	7.0	16.5				
	M3 × 0.5	PF09	/	M3A	0	1.0	1.0	4.5	4.48	0.4	5.5	14.4	13.4	7.5	#2	/
					1	2.0	2.0	4.5	4.48	0.4	6.9	15.8				
	M3 × 0.5	PF09	PF10	M3	0	1.0	1.0	4.5	4.48	0.4	5.3	14.8	13.4	8.0	#1	0.8
					1	1.5	1.5	4.5	4.48	0.4	6.3	15.8				
					2	2.5	2.5	4.5	4.48	0.8	7.3	16.8				
	M4 × 0.7	PF09	PF10	M4	0	1.5	1.5	5.5	5.4	0.8	8.5	18.3	13.5	10	#2	1.0

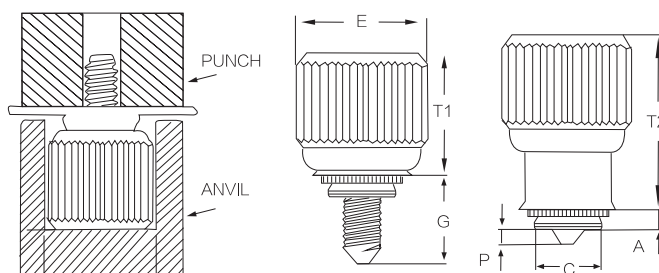
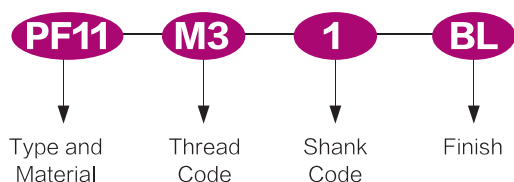
PF11/PF12

弹簧螺钉 PANEL FASTENERS



Knob: Aluminum
 Retainer: Heat-treated Carbon Steel
 Screw: 300 or 400 Series Stainless Steel
 Spring: 300 Series Stainless Steel
 For use in sheet hardness: HRB 80/HB 150 or less

Part Number Designation



All dimensions are in inches (Size Unit: inch)

	Thread Size	Type		Thread Code	Shank Code	A MAX.	Min. Sheet Thickness	Hole size In Sheet +.003	C MAX.	E ±.010	G ±.025	P ±.025	T1 Nom.	T2 Nom.	Driver Size	Min.dist Hole C/L To Edge
		Knurled Cap	Smooth Code													
UNIFIED	.112-.40 (#4-40)	PF11	PF12	440	0	.036	.036	.219	.218	.417	.170	.000	.310	.450	#1	.280
					1											
					2											
	.138-.32 (#6-32)	PF11	PF12	632	0	.036	.036	.250	.249	.450	.230	.120	.450	.640	#2	.290
					1											
					2											
	.164-.32 (#8-32)	PF11	PF12	832	0	.036	.036	.312	.311	.514	.230	.000	.450	.640	#2	.330
					1											
					2											
	.190-.32 (#10-32)	PF11	PF12	032	0	.036	.036	.312	.311	.514	.230	.000	.450	.640	#2	.330
					1											
					2											
	.250-.20 (1/4-20)	PF11	PF12	0420	0	.036	.036	.375	.374	.575	.290	.000	.530	.790	#3	.460
					1											
					2											

All dimensions are in millimeters (Size Unit: mm)

	Thread Size	Type		Thread Code	Shank Code	A MAX.	Min. Sheet Thickness	Hole size In Sheet +0.08	C MAX.	E ±0.25	G ±0.64	P ±0.64	T1 Nom.	T2 Nom.	Driver Size	Min.dist Hole C/L To Edge
		Knurled Cap	Smooth Code													
METRIC	M3X0.5	PF11	PF12	M3	0	0.92	0.92	5.56	5.54	10.59	4.32	0	7.87	11.43	#1	7.11
					1											
					2											
	M3.5X0.6	PF11	PF12	M3.5	0	0.92	0.92	6.35	6.33	11.43	5.84	1.52	11.43	16.26	#2	7.37
					1											
					2											
	M4X0.7	PF11	PF12	M4	0	0.92	0.92	7.92	7.9	13.06	5.84	0	11.43	16.26	#2	8.38
					1											
					2											
	M5X0.8	PF11	PF12	M5	0	0.92	0.92	7.92	7.9	13.06	5.84	0	11.43	16.26	#2	8.38
					1											
					2											
	M6X1	PF11	PF12	M6	0	0.92	0.92	9.53	9.5	14.61	5.84	0	13.46	20.07	#3	11.68
					1											
					2											

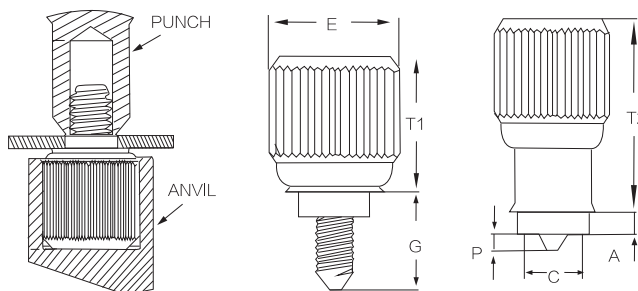
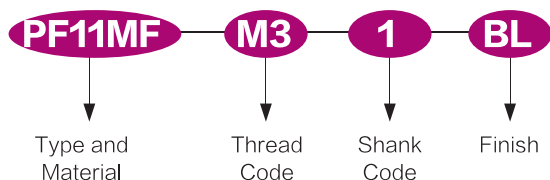
PF11MF/PF12MF

弹簧螺钉 PANEL FASTENERS



Knob: Aluminum
Retainer: Aluminum
Screw: 300 or 400 Series Stainless Steel
Spring: 300 Series Stainless Steel

Part Number Designation



All dimensions are in inches (Size Unit: inch)

	Thread Size	Type		Thread Code	Shank Code	A MAX.	Min. Sheet Thickness	Hole size In Sheet +.005	C MAX.	E ±.010	G ±.025	P ±.025	T1 Nom.	T2 Nom.	Driver Size
		Knurled Cap	Smooth Code												
UNIFIED	.112-40 (#4-40)	PF11MF	PF12MF	440	0	.041	.031	.187	.186	.417	.170	.000	.310	.450	#1
					1						.230	.055			
					2						.290	.115			
	.138-32 (#6-32)	PF11MF	PF12MF	632	0	.072	.060	.213	.212	.450	.230	.000	.450	.640	#2
					1						.290	.024			
					2						.350	.084			
	.164-32 (#8-32)	PF11MF	PF12MF	832	0	.072	.060	.266	.265	.514	.230	.000	.450	.640	#2
					1						.290	.024			
					2						.350	.084			
	.190-32 (#10-32)	PF11MF	PF12MF	032	0	.072	.060	.266	.265	.514	.230	.000	.450	.640	#2
					1						.290	.024			
					2						.350	.084			
	.250-20 (1/4-20)	PF11MF	PF12MF	0420	0	.072	.060	.323	.322	.575	.290	.000	.530	.790	#3
					1						.350	.024			
					2						.410	.084			

All dimensions are in millimeters (Size Unit: mm)

	Thread Size	Type		Thread Code	Shank Code	A MAX.	Min. Sheet Thickness	Hole size In Sheet +0.08	C MAX.	E ±0.25	G ±0.64	P ±0.64	T1 Nom.	T2 Nom.	Driver Size
		Knurled Cap	Smooth Code												
METRIC	M3X0.5	PF11MF	PF12MF	M3	0	1.05	0.79	4.75	4.73	10.59	4.32	0	7.87	11.43	#1
					1						5.84	1.40			
					2						7.37	2.92			
	M3.5X0.6	PF11MF	PF12MF	M3.5	0	1.83	1.52	5.40	5.38	11.43	5.84	0	11.43	16.26	#2
					1						7.37	0.61			
					2						8.89	2.13			
	M4X0.7	PF11MF	PF12MF	M4	0	1.83	1.52	6.76	6.74	13.06	5.84	0	11.43	16.26	#2
					1						7.37	0.61			
					2						8.89	2.13			
	M5X0.8	PF11MF	PF12MF	M5	0	1.83	1.52	6.76	6.74	13.06	5.84	0	11.43	16.26	#2
					1						7.37	0.61			
					2						8.89	2.13			
	M6X1	PF11MF	PF12MF	M6	0	1.83	1.52	8.2	8.18	14.61	7.37	0	13.46	20.07	#3
					1						8.89	0.61			
					2						10.41	2.13			

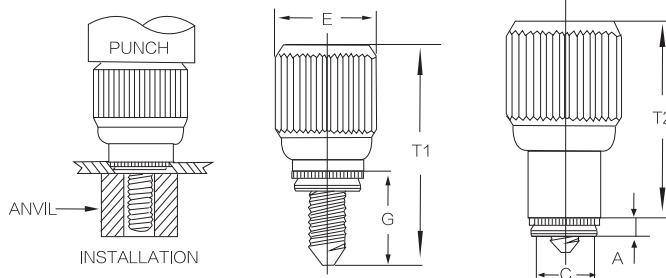
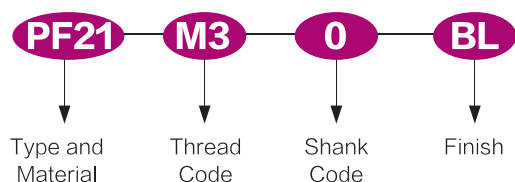
PF21/PF22

弹簧螺钉 PANEL FASTENERS



Knob: Aluminum
 Ferrule: Hardened carbon steel, zinc plate
 Screw: 300 Series Stainless Steel
 Spring: 300 Series Stainless Steel

Part Number Designation



All dimensions are in millimeters (Size Unit: mm)

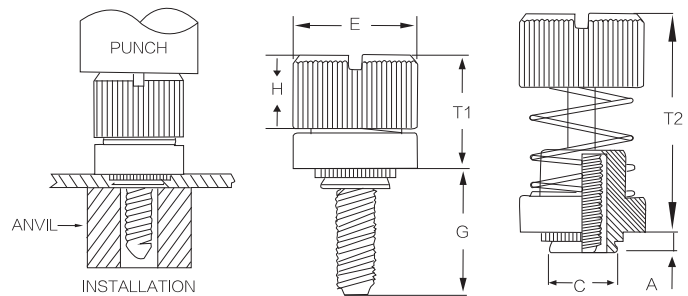
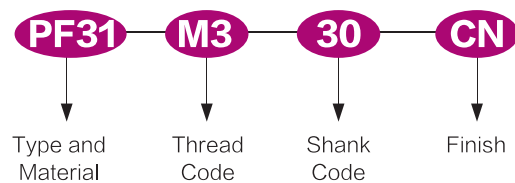
	Thread Size		Type	Thread Code		Shank Code	A ±0.1	Min. Sheet Thickness	Hole size In Sheet +0.08	C MAX.	E ±0.25	G ±0.64	T1 ±0.2	T2 Nom.	Driver Size
	Unified	Metric		Unified	Metric										
METRIC	.112-40 (#4-40)	M3X0.5	PF21	440	M3	0	0.97	1	5.55	5.53	10.5	4	12.3	11.5	#1
						1						5.7	14		
						2						7.2	15.5		
						3						8.8	17.1		
						0						4	12.3		
						1						5.7	14		
						2	1.47	1.5	5.55	5.53	10.5	7.2	15.5	11.5	#1
						3						8.8	17.1		
	.138-32 (#6-32)	M3.5X0.6	PF21	632	M3.5	0	0.97	1	6.35	6.33	11.5	5.3	16.4	15.9	#2
						1						6.9	18		
						2						8.5	19.6		
						3						10.1	21.2		
						0						5.3	16.4		
	.138-32 (#6-32)	M3.5X0.6	PF22	632	M3.5	1	1.47	1.5	6.35	6.33	11.5	6.9	18	15.9	#2
						2						8.5	19.6		
						3						10.1	21.2		
	.164-32 (#8-32)	M4X0.7	PF21	832	M4	0	0.97	1	7.90	7.88	13	5.6	16.9	16.2	#2
						1						7.2	18.5		
						2						8.7	20		
						3						10.3	21.6		
						0						5.6	16.9		
	.164-32 (#8-32)	M4X0.7	PF22	832	M4	1	1.47	1.5	7.90	7.88	13	7.2	18.5	16.2	#2
						2						8.7	20		
						3						10.3	21.6		
	.190-32 (#10-32)	M5X0.8	PF21	032	M5	0	0.97	1	7.90	7.88	13	5.6	16.9	16.2	#2
						1						7.2	18.5		
						2						8.7	20		
						3						10.3	21.6		
						0						5.6	16.9		
	.190-32 (#10-32)	M5X0.8	PF22	032	M5	1	1.47	1.5	7.90	7.88	13	7.2	18.5	16.2	#2
						2						8.7	20		
						3						10.3	21.6		
	.250-20 (1/4-20)	M6X1	PF21	0420	M6	0	0.97	1	9.5	9.47	14.7	7.1	20.5	20	#3
						1						8.7	22.1		
						2						10.3	23.7		
						3						11.9	25.3		
						0						7.1	20.5		
	.250-20 (1/4-20)	M6X1	PF22	0420	M6	1	1.47	1.5	9.5	9.47	14.7	8.7	22.1	20	#3
						2						10.3	23.7		
						3						11.9	25.3		

PF31/PF32

弹簧螺钉 PANEL FASTENERS



Part Number Designation



All dimensions are in inches(Size Unit:inch)

	Thread Size	Type		Thread Code	Shank Code	A (Shank) Max.	Min. Sheet Thickness	Hole size In Sheet +.003	C MAX.	E ±.010	G ±.015	H ±.005	T1 Nom.	T2 Nom.	Min.Dist Hole C/L To Edge
		Steel	Stainless Steel												
UNIFIED	.112-.40 (#4-40)	PF30	PFS30	440	30	.030	.030	.203	.202	.403	.300	.202	.325	.595	.26
		PF31	PFS31			.038	.040								
		PF32	PFS32			.058	.060								
	.138-.32 (#6-32)	PF30	PFS30	632	30	.030	.030	.219	.218	.438	.300	.202	.325	.595	.28
		PF31	PFS31			.038	.040								
		PF32	PFS32			.058	.060								
	.164-.32 (#8-32)	PF30	PFS30	832	30	.030	.030	.250	.249	.468	.300	.207	.330	.600	.29
		PF31	PFS31			.038	.040								
		PF32	PFS32			.058	.060								
	.190-.32 (#10-32)	PF30	PFS30	032	30	.030	.030	.312	.311	.530	.300	.220	.335	.605	.33
		PF31	PFS31			.038	.040								
		PF32	PFS32			.058	.060								
	.250-.20 (1/4-20)	PF32	PFS32	0420	35	.058	.060	.375	.374	.625	.350	.242	.385	.675	.38

All dimensions are in millimeters(Size Unit:mm)

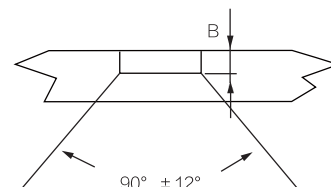
	Thread Size	Type		Thread Code	Shank Code	A (Shank) Max.	Min. Sheet Thickness	Hole size In Sheet +0.08	C MAX.	E ±0.25	G ±0.4	H ±0.13	T1 Nom.	T2 Nom.	Min.Dist Hole C/L To Edge
		Steel	Stainless Steel												
METRIC	M3X0.5	PF31	PFS31	M3	30	0.97	1	5.5	5.48	10.2	7.62	5.13	8.26	15.11	6.6
		PF32	PFS32			1.48	1.5								
	M3X0.5	PF31A	PFS31A	M3	30	0.97	1	6.0	5.97						
		PF32A	PFS32A			1.48	1.5								
	M4X0.7	PF31	PFS31	M4	30	0.97	1	6.4	6.38	11.9	7.62	5.26	8.38	15.24	7.37
		PF32	PFS32			1.48	1.5								
	M5X0.8	PF31	PFS31	M5	30	0.97	1	8	7.98	13.5	7.62	5.59	8.51	15.37	8.38
		PF32	PFS32			1.48	1.5								
	M6X1	PF31	PFS31	M6	35	0.97	1	9.5	9.48	15.9	8.89	6.12	9.78	17.15	9.65
		PF32	PFS32			1.48	1.5								

PF41/PF42

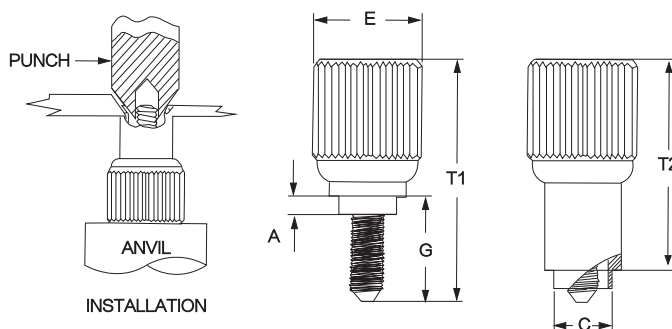
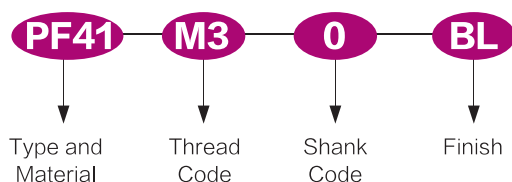
弹簧螺钉 PANEL FASTENERS



Knob: Aluminum
 Ferrule: Aluminum
 Screw: 300 Series Stainless Steel
 Spring: 300 Series Stainless Steel



Part Number Designation



All dimensions are in millimeters(Size Unit:mm)

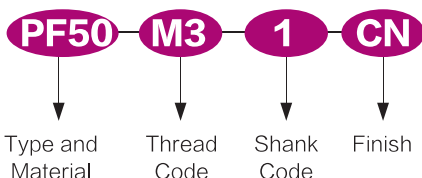
	Thread Size		Type	Thread Code		Shank Code	A ±0.1	Min. Sheet Thickness	Hole size In Sheet +0.08	C MAX.	B ±0.1	E ±0.25	G ±0.64	T1 ±0.2	T2 Nom.	Driver Size
	Unified	Metric		Unified	Metric											
METRIC	.112-40 (#4-40)	M3X0.5	PF41 PF15	440	M3	0 1 2 3	1.0	1.0	4.75	4.73	0.4	10.5	4 5.7 7.2 8.8	12.1 13.8 15.3 16.9	11.3	#1
	.112-40 (#4-40)	M3X0.5	PF42 PF25	440	M3	0 1 2 3	1.8	1.8	4.75	4.73	0.4	10.5	4.7 6.4 7.9 9.5	12.8 14.5 16 17.6	11.3	#1
	.138-32 (#6-32)	M3.5X0.6	PF41 PF15	632	M3.5	0 1 2 3	1.8	1.8	5.4	5.38	0.4	11.5	6 7.6 9.2 10.8	16.4 18 19.6 21.2	15.3	#2
	.138-32 (#6-32)	M3.5X0.6	PF42 PF25	632	M3.5	0 1 2 3	3.4	3.4	5.4	5.38	1.6	11.5	6 7.6 9.2 10.8	16.4 18 19.6 21.2	15.3	#2
	.164-32 (#8-32)	M4X0.7	PF41 PF15	832	M4	0 1 2 3	1.8	1.8	6.75	6.73	0.4	13	6.4 8 9.5 11.1	16.9 18.5 20 21.6	15.6	#2
	.164-32 (#8-32)	M4X0.7	PF42 PF25	832	M4	0 1 2 3	3.4	3.4	6.75	6.73	1.6	13	6.4 8 9.5 11.1	16.9 18.5 20 21.6	15.6	#2
	.190-32 (#10-32)	M5X0.8	PF41 PF15	32	M5	0 1 2 3	1.8	1.8	6.75	6.73	0.4	13	7.8 9.4 11 12.6	20.5 22.1 23.7 25.3	19.3	#3
	.190-32 (#10-32)	M5X0.8	PF42 PF25	32	M5	0 1 2 3	3.4	3.4	6.75	6.73	1.6	13	7.8 9.4 11 12.6	20.5 22.1 23.7 25.3	19.3	#3
	.250-20 (1/4-20)	M6X1	PF41 PF15	0420	M6	0 1 2 3	1.8	1.8	8.20	8.17	0.4	14.7	9.4 11 12.6 14.2	22.1 23.7 25.3 26.9	19.3	#3
	.250-20 (1/4-20)	M6X1	PF42 PF25	0420	M6	0 1 2 3	3.4	3.4	8.20	8.17	1.6	14.7	9.4 11 12.6 14.2	22.1 23.7 25.3 26.9	19.3	#3

PF50/PF60

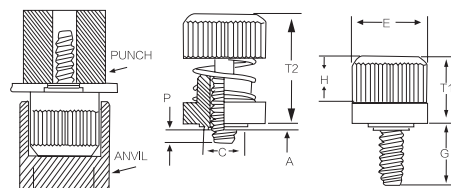
弹簧螺钉 PANEL FASTENERS



Part Number Designation



Knob: Carbon Steel
Screw: Carbon Steel
Ferrule: Carbon Steel
Spring: 300 Series Stainless Steel



All dimensions are in inches (Size Unit: inch)

Thread Size	Type		Thread Code	Shank Code	A (Shank) Max.	Min. Sheet Thickness	Hole size In Sheet +.003	C MAX.	E +.015 - .005	H ±.008	G ±.025	P ±.025	T1 MAX.	T2 Nom.	Driver Size	Min. Dist Hole C/L To Edge
	Knurled Cap	Stainless Steel														
UNIFIED .112-40 (#4-40)	PF50	PF60	440	0	.030	.030	.203	.202	.406	.207	.230	.000	.340	.520	#1	.26
	PF50A	PF60A		1	.038	.040	.203	.202	.406	.207	.230	.000	.340	.520		
	PF50B	PF60B		0	.058	.060	.203	.202	.406	.207	.230	.000	.340	.520		
	PF50	PF60	632	0	.030	.030	.219	.218	.438	.207	.230	.000	.340	.520	#2	.28
	PF50A	PF60A		1	.038	.040	.219	.218	.438	.207	.230	.000	.340	.520		
	PF50B	PF60B		0	.058	.060	.219	.218	.438	.207	.230	.000	.340	.520		
UNIFIED .164-32 (#8-32)	PF50	PF60	832	0	.030	.030	.250	.249	.468	.217	.230	.000	.340	.520	#2	.29
	PF50A	PF60A		1	.038	.040	.250	.249	.468	.217	.230	.000	.340	.520		
	PF50B	PF60B		0	.058	.060	.250	.249	.468	.217	.230	.000	.340	.520		
	PF50	PF60	032	0	.030	.030	.312	.311	.530	.225	.230	.000	.360	.530	#2	.33
	PF50A	PF60A		1	.038	.040	.312	.311	.530	.225	.230	.000	.360	.530		
	PF50B	PF60B		0	.058	.060	.312	.311	.530	.225	.230	.000	.360	.530		
UNIFIED .250-20 (1/4-20)	PF50	PF60	0420	0	.058	.060	.375	.374	.625	.246	.230	.000	.395	.600	#2	.38
	PF50A	PF60A		1	.058	.060	.375	.374	.625	.246	.230	.000	.395	.600		

All dimensions are in millimeters (Size Unit: mm)

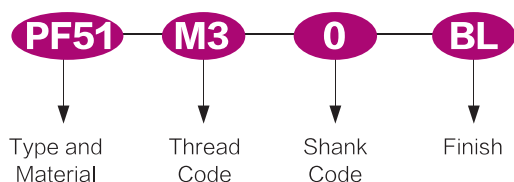
Thread Size	Type		Thread Code	Shank Code	A (Shank) Max.	Min. Sheet Thickness	Hole size In Sheet +0.08	C MAX.	E +0.4 -0.13	H ±0.2	G ±0.64	P ±0.64	T1 MAX.	T2 Nom.	Driver Size	Min. Dist Hole C/L To Edge
	Knurled Cap	Stainless Steel														
M3X0.5	PF50	PF60	M3	0	0.77	0.8	5.5	5.48	10.3	5.26	5.84	0	8.64	13.21	#1	6.6
	PF50A	PF60A		1	0.97	1	5.5	5.48	10.3	5.26	5.84	0	8.64	13.21		
	PF50B	PF60B		0	1.47	1.5	5.5	5.48	10.3	5.26	5.84	0	8.64	13.21		
M3.5X0.6	PF50	PF60	M3.5	0	0.77	0.8	5.56	5.54	11.1	5.26	5.84	0	8.64	13.21	#2	7.1
	PF50A	PF60A		1	0.97	1	5.56	5.54	11.1	5.26	5.84	0	8.64	13.21		
	PF50B	PF60B		0	1.47	1.5	5.56	5.54	11.1	5.26	5.84	0	8.64	13.21		
M4X0.7	PF50	PF60	M4	0	0.77	0.8	6.4	6.38	11.9	5.51	5.84	0	8.64	13.46	#2	7.4
	PF50A	PF60A		1	0.97	1	6.4	6.38	11.9	5.51	5.84	0	8.64	13.46		
	PF50B	PF60B		0	1.47	1.5	6.4	6.38	11.9	5.51	5.84	0	8.64	13.46		
M5X0.8	PF50	PF60	M5	0	0.77	0.8	8	7.98	13.5	5.72	5.84	0	9.15	13.46	#2	8.4
	PF50A	PF60A		1	0.97	1	8	7.98	13.5	5.72	5.84	0	9.15	13.46		
	PF50B	PF60B		0	1.47	1.5	8	7.98	13.5	5.72	5.84	0	9.15	13.46		
M6X1	PF50	PF60	M6	0	1.47	1.5	9.5	9.48	15.9	6.25	7.11	0	10.04	15.24	#2	9.7

PF51/PF52

弹簧螺钉 PANEL FASTENERS



Part Number Designation

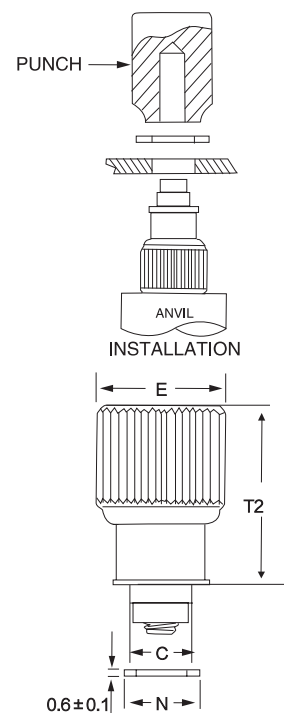
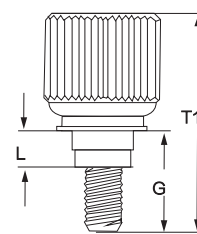
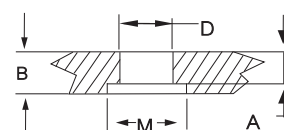
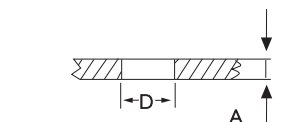


Knob:Aluminum

Ferrule:Aluminum

Screw:300 Series Stainless Steel

Spring:300 Series Stainless Steel



All dimensions are in millimeters(Size Unit:mm)

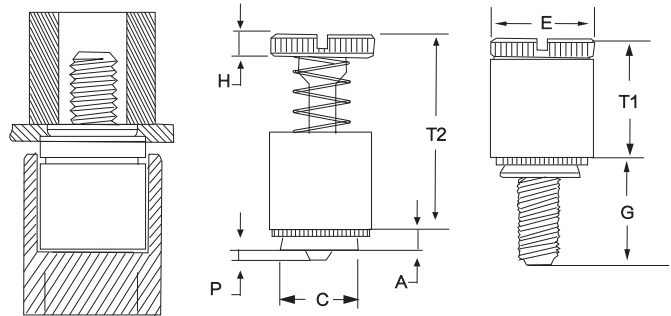
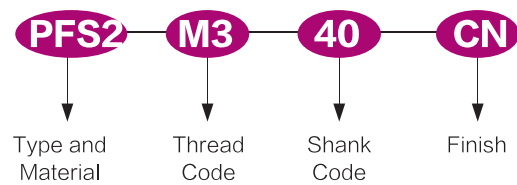
	Thread Size		Type	Thread Code		Shank Code	L Nom.	Sheet Thickness A Min-Max	C ±0.06	E ±0.25	G ±0.4	T1 ±0.2	T2 Nom.	B Nin.	D +0.08 ±0.25	N Min.	M Min.	Driver Size
	Unified	Metric		Unified	Metric													
METRIC	.112-40 (#4-40)	M3X0.5	PF51 PF16	440	M3	0 1 2	3.4	0-1.6	4.9	10.5	5.1 6.6 8.2	13.8 15.3 16.9	11.9	2.8	6.4	7.8	9.4	#1
	.112-40 (#4-40)	M3X0.5	PF52 PF26	440	M3	0 1 2	4.2	1.6-2.5	4.9	10.5	6.6 8.2 10.4	15.3 16.9 21	11.9	3.6	6.4	7.8	9.4	#1
	.138-32 (#6-32)	M3.5X0.6	PF51 PF16	632	M3.5	0 1 2	3.7	0-1.6	5.7	11.5	7.2 8.8 10.4	17.8 19.4 21	15.4	2.9	7.2	8.6	10.3	#2
	.138-32 (#6-32)	M3.5X0.6	PF52 PF26	632	M3.5	0 1 2	4.5	1.6-2.5	5.7	11.5	8.8 10.4 12.1	19.4 21 23	15.4	3.7	7.2	8.6	10.3	#2
	.164-32 (#8-32)	M4X0.7	PF51 PF16	832	M4	0 1 2	4	0-1.6	7.3	13	7.3 8.8 10.4	18.5 20 21.6	16.2	3.1	8.8	10.2	12	#2
	.164-32 (#8-32)	M4X0.7	PF52 PF26	832	M4	0 1 2	4.8	1.6-2.5	7.3	13	8.8 10.4 12.1	20 21.6 23	16.2	3.9	8.8	10.2	12	#2
	.190-32 (#10-32)	M5X0.8	PF51 PF16	032	M5	0 1 2	4	0-1.6	7.3	13	7.3 8.8 10.4	18.5 20 21.6	16.2	3.1	8.8	10.2	12	#2
	.190-32 (#10-32)	M5X0.8	PF52 PF26	032	M5	0 1 2	4.8	1.6-2.5	7.3	13	8.8 10.4 12.1	20 21.6 23	16.2	3.9	8.8	10.2	12	#2
	.250-20 (1/4-20)	M6X1	PF51 PF16	0420	M6	0 1 2	4	0-1.6	8.9	14.7	8.9 10.4 12.1	23.7 25.3 27	20	3.3	10.5	11.9	13.5	#3
	.250-20 (1/4-20)	M6X1	PF52 PF26	0420	M6	0 1 2	4.8	1.6-2.5	8.9	14.7	10.4 12.1 13.7	23.7 25.3 27	20	4.1	10.5	11.9	13.5	#3

PFS2

弹簧螺钉 PANEL FASTENERS



Part Number Designation



All dimensions are in inches(Size Unit:inch)

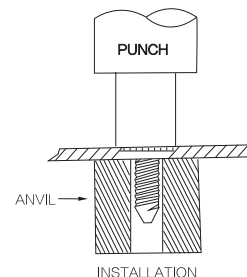
	Thread Size	Type		Thread Code	Shank Code	A Max.	Min. Sheet Thickness	Hole size In Sheet +.003	C MAX.	E ±.010	G ±.016	P ±.025	T1 MAX.	T2 Nom.	H ±.005	Min.Dist Hole C/L To Edge
		Steel	Stainless Steel													
UNIFIED	.112-40 (#4-40)	PFS2	PFC2	440	40 62	.060	.060	.265	.264	.312	.250 .375	.000 .125	.360	.540	.072	.250
	.138-32 (#6-32)	PFS2	PFC2	632	40 62 84	.060	.060	.281	.280	.344	.250 .375 .500	.000 .125 .250	.360	.540	.072	.280
					50						.312 .437	.000 .125				
					94						.562 .250					
	.164-32 (#8-32)	PFS2	PFC2	832	72 94	.060	.060	.312	.311	.375	.312 .437	.000 .125	.450	.690	.082	.310
	.190-32 (#10-32)	PFS2	PFC2	032	50 72 94	.060	.060	.344	.343	.406	.312 .437 .562	.000 .125 .250	.450	.690	.082	.340
					60						.375 .500	.000 .125				
					82 04						.625 .250					
	.250-20 (1/4-20)	PFS2	PFC2	0420	82 04	.060	.060	.413	.412	.468	.500 .625	.125 .250	.580	.880	.097	.380

All dimensions are in millimeters(Size Unit:mm)

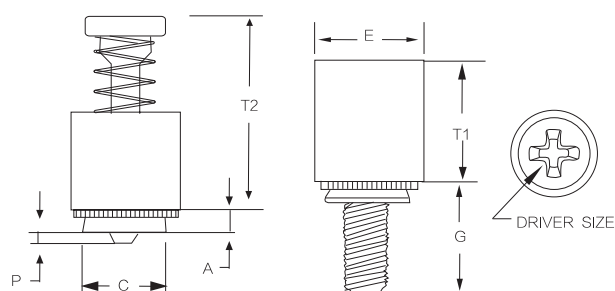
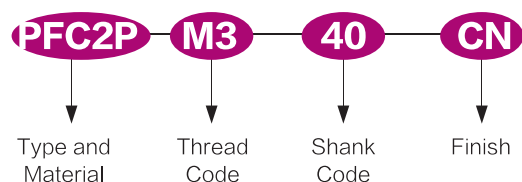
	Thread Size	Type		Thread Code	Shank Code	A Max.	Min. Sheet Thickness	Hole size In Sheet +0.08	C MAX.	E ±0.25	G ±0.4	P ±0.64	T1 MAX.	T2 Nom.	H ±0.13	Min.Dist Hole C/L To Edge
		Steel	Stainless Steel													
METRIC	M3X0.5	PFS2	PFC2	M3	40 62	1.53	1.53	6.73	6.71	7.92	6.4 9.5	0 3.2	9.14	13.72	1.83	6.35
	M4X0.7	PFS2	PFC2	M4	50 72 94	1.53	1.53	7.92	7.9	9.53	7.9 11.1 14.3	0 3.2 6.4	11.43	17.53	2.08	7.87
					50						7.9 11.1	0 3.2				
					94						14.3 7.9	6.4 0				
	M5X0.8	PFS2	PFC2	M5	72 94 60	1.53	1.53	8.74	8.72	10.31	11.1 14.3 9.5	3.2 6.4 0	11.47	17.53	2.08	8.63
					94						14.3 9.5	6.4 0				
					82 04						12.7 15.9	3.2 6.4				
	M6X1	PFS2	PFC2	M6	82 04	1.53	1.53	10.49	10.47	11.89	12.7 15.9	3.2 6.4	14.73	22.35	2.46	9.05

PFC2P

弹簧螺钉 PANEL FASTENERS



Part Number Designation



All dimensions are in inches(Size Unit:inch)

	Thread Size	Type	Thread Code	Shank Code	A (Shank) Max.	Min. Sheet Thickness	Hole size In Sheet +.003	C MAX.	E ±.016	G ±.016	P ±.025	T1 MAX.	T2 Nom.	Driver Size	Min.Dist Hole C/L To Edge
UNIFIED	.112-40 (#4-40)	PFC2P	440	40	.060	.060	.265	.264	.312	.250	.000	.370	.540	#1	.250
				62						.375	.125				
	.138-32 (#6-32)	PFC2P	632	40	.060	.060	.281	.280	.344	.250	.000	.380	.540	#2	.280
				62						.375	.125				
				84						.500	.250				
	.164-32 (#8-32)	PFC2P	832	50	.060	.060	.312	.311	.375	.312	.000	.480	.705	#2	.310
				72						.437	.125				
				94						.562	.250				
	.190-32 (#10-32)	PFC2P	032	50	.060	.060	.344	.343	.406	.312	.000	.490	.705	#2	.340
				72						.437	.125				
	.250-20 (1/4-20)	PFC2P	0420	94	.060	.060	.413	.412	.468	.562	.250	.620	.905	#3	.380
				60						.375	.000				
				82						.500	.125				
				04						.625	.250				

All dimensions are in millimeters(Size Unit:mm)

	Thread Size	Type	Thread Code	Shank Code	A (Shank) Max.	Min. Sheet Thickness	Hole size In Sheet +0.08	C MAX.	E ±0.25	G ±0.4	P ±0.64	T1 MAX.	T2 Nom.	Driver Size	Min.Dist Hole C/L To Edge
UNIFIED	M3X0.5	PFC2P	M3	40	1.53	1.53	6.73	6.71	7.92	6.4	0	9.4	13.72	#1	6.35
				62						9.5	3.2				
	M4X0.7	PFC2P	M4	50	1.53	1.53	7.92	7.9	9.53	7.9	0	12.19	17.91	#2	7.87
				72						11.1	3.2				
				94						14.3	6.4				
	M5X0.8	PFC2P	M5	50	1.53	1.53	8.74	8.72	10.31	7.9	0	12.45	17.91	#2	8.63
				72						11.1	3.2				
				94						14.3	6.4				
	M6X1	PFC2P	M6	60	1.53	1.53	10.49	10.47	11.89	9.5	0	15.75	22.99	#3	9.65
				82						12.7	3.2				
				04						15.9	6.4				

PFS3

弹簧螺钉 PANEL FASTENERS



Part Number Designation

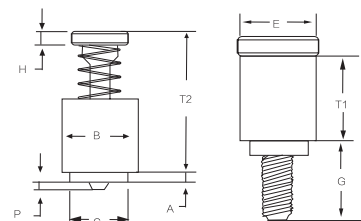
PFS3 **M3** **40** **CN**

Type and
Material

Thread
Code

Shank
Code

Finish



All dimensions are in inches(Size Unit:inch)

UNIFIED	Thread Size	Type		Thread Code	Shank Code	A (Shank) ±.002	Min. Sheet Thickness	Hole size In Sheet +.003	C ±.003	E ±.010	B ±.005	G ±.025	P ±.016	H ±.005	T1 MAX.	T2 Nom.
		Steel	Stainless Steel													
	.112-40 (#4-40)	PFS3	PFC3	440	40	.041	.031	.187	.183	.280	.250	.180	.000	.090	.370	.540
	.138-32 (#6-32)	PFS3	PFC3	632	40	.070	.058	.213	.209	.310	.280	.210	.010	.100	.380	.580

All dimensions are in millimeters(Size Unit:mm)

METRIC	Thread Size	Type		Thread Code	Shank Code	A (Shank) ±0.05	Min. Sheet Thickness	Hole size In Sheet +0.08	C ±0.08	E ±0.25	B ±0.13	G ±0.64	P ±0.4	H ±0.13	T1 MAX.	T2 Nom.
		Steel	Stainless Steel													
	M3X0.5	PFS3	PFC3	M3	40	1.0	0.8	4.8	4.6	7.0	6.35	4.5	0	2.2	9.5	14.0

PFK

弹簧螺钉 PANEL FASTENERS



Part Number Designation

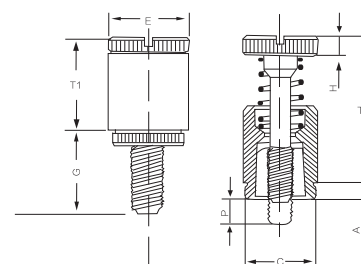
PFK **M3** **40** **CN**

Type and
Material

Thread
Code

Shank
Code

Finish



All dimensions are in inches(Size Unit:inch)

UNIFIED	Thread Size	Type	Thread Code	Shank Code	A (Shank) Max.	Min. Sheet Thickness	Hole size In Sheet +.003	C ±.003	E ±.010	G ±0.16	P ±.025	H ±.025	T1 MAX.	T2 Nom.	Min.Dist Hole C/L To Edge
	.112-40 (#4-40)	PFK	440	40	.060	.060	.265	.283	.312	.250	.000	.072	.36	.54	.20
				62						.375	.125				
	.138-32 (#6-32)	PFK	632	40	.060	.060	.281	.299	.344	.500	.250	.072	.36	.54	.26
				62						.375	.125				
				84						.500	.250				

All dimensions are in millimeters(Size Unit:mm)

METRIC	Thread Size	Type	Thread Code	Shank Code	A (Shank) Max.	Min. Sheet Thickness	Hole size In Sheet +0.08	C ±0.08	E ±0.25	G ±0.4	P ±0.64	H ±0.13	T1 MAX.	T2 Nom.	Min.Dist Hole C/L To Edge
	M3X0.5	PFK	M3	40	1.53	1.53	6.73	7.19	7.92	6.4	0	1.83	9.14	13.72	5.08
				62						9.5	3.2				
				84						12.7	6.4				

PFS4

弹簧螺钉 PANEL FASTENERS



Part Number Designation

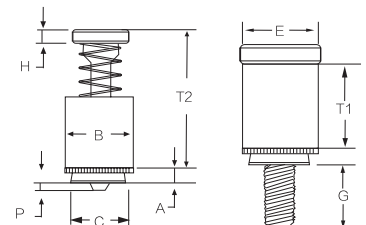
PFS4 **M3** **40** **CN**

Type and
Material

Thread
Code

Shank
Code

Finish



All dimensions are in inches(Size Unit:inch)

UNIFIED	Thread Size	Type		Thread Code	Shank Code	A (Shank) MAX.	Min. Sheet Thickness	Hole size In Sheet +.003	C ±.003	E ±.010	B ±.005	G ±.025	P ±.016	H ±0.25	T1 MAX.	T2 Nom.
		Steel	Stainless Steel													
	.112-40 (#4-40)	PFS4	PFC4	440	40 62	.036	.036	.219	.217	.280	.250	.170 .230	.000 .060	.090	.370	.540
	.138-32 (#6-32)	PFS4	PFC4	632	40 62	.036	.036	.250	.247	.310	.280	.200 .260	.000 .060	.100	.410	.610

All dimensions are in millimeters(Size Unit:mm)

METRIC	Thread Size	Type		Thread Code	Shank Code	A (Shank) MAX.	Min. Sheet Thickness	Hole size In Sheet +0.08	C ±0.25	E ±0.25	B ±0.13	G ±0.64	P ±0.4	H ±0.13	T1 MAX.	T2 Nom.
		Steel	Stainless Steel													
	M3X0.5	PFS4	PFC4	M3	40 62	0.9	0.9	5.56	5.5	7.0	6.35	4.3 5.8	0 1.5	2.2	9.4	14.0

N10

自扣紧连接螺母 SELF-CLINCHING RECPTACLE NUTS



Part Number Designation

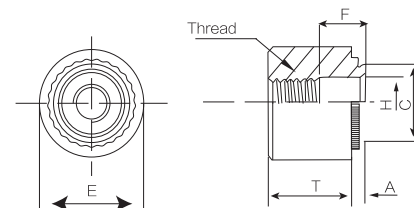
N10 **M3** **1** **ZI**

Type and
Material

Thread
Code

Shank
Code

Finish



All dimensions are in inches(Size Unit:inch)

UNIFIED	Thread Size	Type	Thread Code	Shank Code	A (Shank) Max.	Min. Sheet Thickness	Hole size In Sheet +.003	C MAX.	E Nom.	F ±.010	H Nom.	T ±.005	Min.Dist Hole C/L To Edge
	.112-40 (#4-40)	N10	440	1	.038	.040	.187	.186	.28	.130	.126	.24	.22
	.138-32 (#6-32)	N10	632	1	.038	.040	.213	.212	.31	.130	.156	.24	.27
	.164-32 (#8-32)	N10	832	1	.038	.040	.250	.249	.34	.130	.187	.24	.28
	.190-32 (#10-32)	N10	032	1	.038	.040	.277	.276	.37	.130	.213	.24	.31

All dimensions are in millimeters(Size Unit:mm)

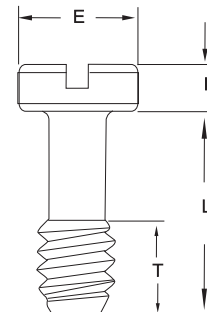
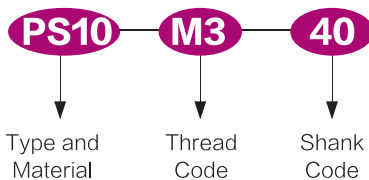
METRIC	Thread Size	Type	Thread Code	Shank Code	A (Shank) Max.	Min. Sheet Thickness	Hole size In Sheet +0.08	C MAX.	E Nom.	F ±0.25	H Nom.	T ±0.13	Min.Dist Hole C/L To Edge
	M3X0.5	N10	M3	1	0.97	1.0	4.75	4.73	7.11	3.3	3.2	6.0	5.59
	M4X0.7	N10	M4	1	0.97	1.0	6.35	6.33	8.64	3.3	4.75	6.0	7.11
	M5X0.8	N10	M5	1	0.97	1.0	7.04	7.01	9.53	3.3	5.41	6.0	7.87

PS10

平齐安装螺钉 FLUSH-MOUNTED SCREWS



Part Number Designation



All dimensions are in inches(Size Unit:inch)

	Thread Size	Type	Thread Code	Shank Code	E Nom.	H $^{+.002}_{-.006}$	L $\pm .010$	T Nom.
UNIFIED	.112-40 (#4-40)	PS10	440	40	.18	.075	.33	.13
	.138-32 (#6-32)	PS10	632	40	.21	.075	.33	.13
	.164-32 (#8-32)	PS10	832	40	.25	.075	.33	.13
	.190-32 (#10-32)	PS10	032	40	.28	.075	.33	.13

All dimensions are in millimeters(Size Unit:mm)

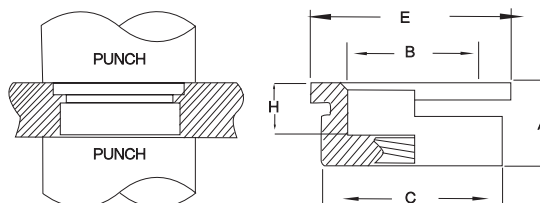
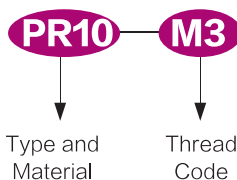
	Thread Size	Type	Thread Code	Shank Code	E Nom.	H ^{+0.05} _{-0.15}	L ^{±0.25}	T Nom.
METRIC	M3X0.5	PS10	M3	40	4.7	1.91	8.38	3.3
	M4X0.7	PS10	M4	40	6.3	1.91	8.38	3.3
	M5X0.8	PS10	M5	40	7.1	1.91	8.38	3.3

PR10

平齐安装固定器 FLUSH-MOUNTED RETAINERS



Part Number Designation



All dimensions are in inches(Size Unit:inch)

	Thread Size	Type	Thread Code	A (Shank) Max.	Min.Sheet for Self Clinching	Min.Sheet for Flush Installation	Hole Size IN Sheet $^{+.003}_{-.000}$	B Nom.	C Max.	E Nom.	H Nom.	Min.Dist Hole C/L To Edge
UNIFIED	.112-40(#4-40)	PR10	440	.125	.050	.125	.281	.195	.280	.31	.075	.31
	.138-32(#6-32)	PR10	632	.125	.050	.125	.312	.225	.311	.34	.075	.33
	.164-32(#8-32)	PR10	832	.125	.050	.125	.344	.225	.343	.37	.075	.34
	.190-32(#10-32)	PR10	032	.125	.050	.125	.375	.290	.374	.41	.075	.36

All dimensions are in millimeters(Size Unit:mm)

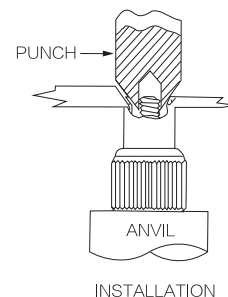
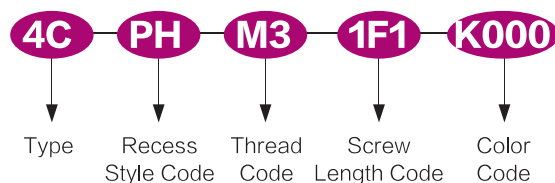
	Thread Size	Type	Thread Code	A (Shank) Max.	Min.Sheet for Self Clinching	Min.Sheet for Flush Installation	Hole Size IN Sheet $^{+0.08}$	B Nom.	C Max.	E Nom.	H Nom.	Min.Dist Hole C/L To Edge
METRIC	M3X0.5	PR10	M3	3.18	1.27	3.18	7.14	4.75	7.12	7.87	1.91	7.87
	M4X0.7	PR10	M4	3.18	1.27	3.18	8.74	6.48	8.72	9.53	1.91	8.64
	M5X0.8	PR10	M5	3.18	1.27	3.18	9.53	7.37	9.5	10.41	1.91	9.14

4C

彩色旋钮系列面板螺钉组件 PRISM SERIES PANEL FASTENER ASSEMBLIES(FLARE-IN STYLE)



Part Number Designation



Material and Finish

Screw:Hardened carbon Steel,Zinc Plate,chromate plus sealer

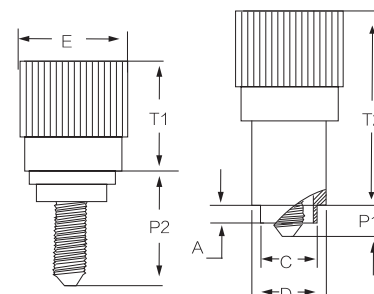
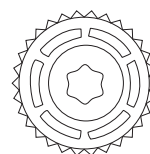
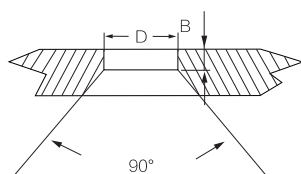
Ferrule E:Aluminum

KNOB(prism plunger)PC/ABS,black

Spring:300 Series Stainless Steel

Specifying Prism Plunger(to indicate color in the Prism Plungers, change the last three digits of part number):

000black, 008blue, 012purple, 013red,014green.



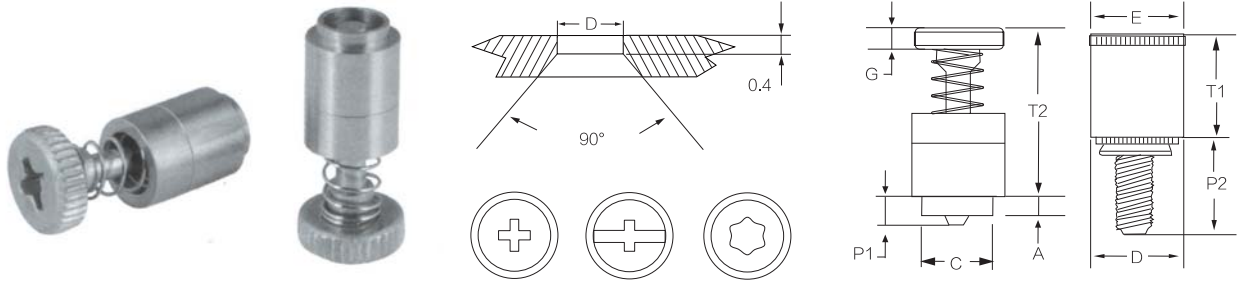
All dimensions are in millimeters(Size Unit:mm)

Thread Size	Part Number		Sheet Thickness		A	B	Hole Size IN Sheet ±0.05	C	D	E	Thread Size	T1	Z	T2	Screw Projction Beyond Outer Surface of Parel			
	Philips Philips	TS TORX/Slot Combination	Min.	Max.											P1	P2		
M3	4C-PH-M3-1F1-K000	4C-TS-M3-1F1-K000	0.8	1.5	1	0.4	4.85	4.6	6.2	9.7	0.7	8.6	3.2	11.5	0.8	3.7		
	4C-PH-M3-2F1-K000	4C-TS-M3-2F1-K000													2.5	5.4		
M4	4C-PS-M4-1F1-K000	4C-TS-M4-1F1-K000	1.5	3.2	1.8	0.4	6.82	6.7	8.7	13	0.6	11.3	4.2	16.1	0.6	5.6		
	4C-PS-M4-2F1-K000	4C-TS-M4-2F1-K000													2.1	7.1		
METRIC #6-32	4C-PS-06-1F1-K000	4C-TS-06-1F1-K000	1.5	3.2	1.8	0.4	5.35		7	11.5		11.3	3.7	15.7	0.8	.03	5	.20
	4C-PS-06-2F1-K000	4C-TS-06-2F1-K000	.059	.126	.070	.016	.213	.209	.276	.453	0.7	.44	.146	.61	2.3	.09	6.6	.26
#10-32	4C-PS-10-1F1-K000	4C-TS-10-1F1-K000	1.5	3.2	1.8	0.4	6.82	6.7	8.7	13		11.3	4.9	16.1	0.8	.03	5.6	.22
	4C-PS-10-2F1-K000	4C-TS-10-2F1-K000	.059	.126	.070	.016	.266	.262	.344	.511	0.6	0.45	.191	.64	2.3	.09	7.1	.28

MSF

微型扩铆型面板螺钉组件

MINIATURE SERIES FLARE-IN STYLE PANEL FASTENER ASSEMBLIES

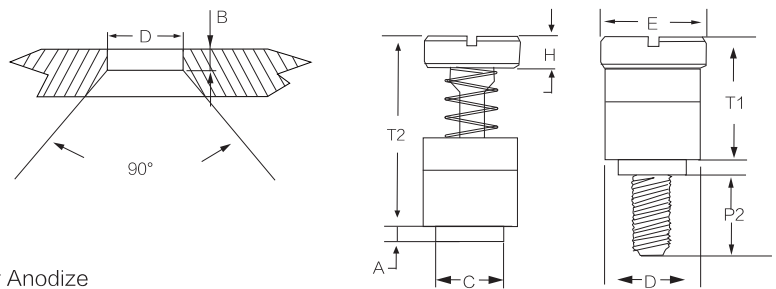


All dimensions are in millimeters(Size Unit:mm)

	Thread Size	Part Number				Sheet Thickness		A	Hole Size IN Sheet ±0.05	Z	C	D	E	G	T1	T2	Screw Pijection Beyond Outer Surface of Pane	
		Knurled		Smooth Head													P1	P2
		Philips Slot	TORX/Slot	Philips	TORX/Slot	Min.	Max.											
METRIC	M3	52-39-11-4	52-37-11-4	52-3A-11-4	52-38-11-4	0.8	2.4	1	4.84	3.2	4.6	6.4	7	2.5	9.6	14	0.8	5.3
	M4	52-49-21-4	52-47-21-4	52-4A-21-4	52-48-21-4	1.5	3.2	1.8	6.82	4.2	6.7	8.6	9.4	3	10.1	15.2	1.8	6.8
	440	52-19-11-4	52-17-11-4	52-1A-11-4	52-18-11-4	0.8	2.4	1	4.84	3	4.6	6.4	7	2.5	9.6	14	0.8	5.3
	632	52-29-21-4	52-47-21-4	52-2A-21-4	52-28-21-4	1.5	3.2	1.8	5.44	3.6	5.3	7	8	2.5	9.6	15	1.8	6.8

MPS

微型光滑系列（扩铆型）MINIATURE POLISHED SERIES (FLARE-IN STYLE)



Material and Finish

Screw:300 Series Stainless Steel,Passivated

Retainer:300 Series Stainless Steel,Passivated or Anodize

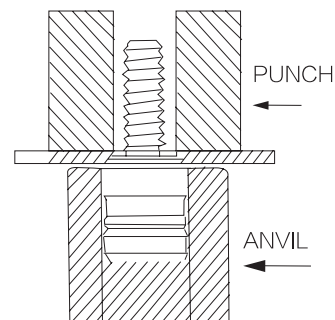
Screw:300 Series Stainless Steel,Passivated

All dimensions are in inches(Size Unit:inch)

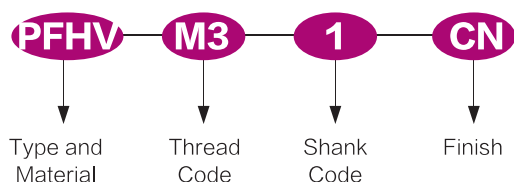
METRIC	Thread Size	Part Number	Sheet Thickness		Hole Size IN Sheet ±0.05	A	B	C	D	E	Ddriver Slet WXP	H	T1	T2	P2
			Min.	Max.											
	M3	52-10-601-24	0.8	2.3	4.8	1	0.4	4.6	6	7	0.9×0.9	3.97	11.2	15.8	4.6
	440	52-10-301-24	0.8	2.4	4.8	1	0.4	4.6	6	7	0.9×0.9	3.97	11.2	15.8	4.6
632	52-50-402-24	1.5	3.2	5.4	1.8	0.4	5.3	7	8	1.1×1.1	4.75	11.9	17.3	5.3	

PFHV

彈簧螺釘 PANEL FASTENERS

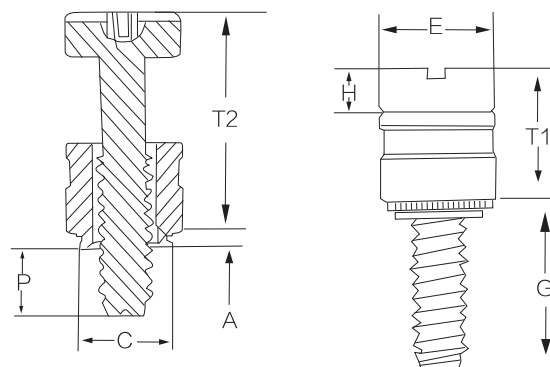


Part Number Designation



Retainer: Heat-treated Carbon Steel

Screw: Heat-treated Carbon Steel



All dimensions are in inches(Size Unit:inch)

	Thread Size	Type	Thread Code	Shank Code	A (Shank) Max.	Min. Sheet Thickness	Hole size In Sheet +.003	C MAX.	E ±.010	H ±.005	G ±.025	P ±.025	T1 Nom.	T2 Nom.	Driver Size	Min. Dist Hole C/L To Edge
UNIFIED	.112-40 (#4-40)	PFHV	440	0 1	.036	.036	.203	.202	.260	.080	.216 .316	.000 .095	.260	.436	#1	.250
	.138-32 (#6-32)	PFHV	632	0 1	.036	.036	.219	.218	.276	.092	.234 .359	.000 .120	.290	.484	#2	.280
	.164-32 (#8-32)	PFHV	832	0 1	.036	.036	.252	.251	.309	.111	.259 .371	.000 .106	.335	.555	#2	.26

All dimensions are in millimeters(Size Unit:mm)

	Thread Size	Type	Thread Code	Shank Code	A (Shank) Max.	Min. Sheet Thickness	Hole size In Sheet +0.08	C MAX.	E ±0.25	H ±0.13	G ±0.64	P ±0.64	T1 Nom.	T2 Nom.	Driver Size	Min. Dist Hole C/L To Edge
METRIC	M3 × 0.5	PFHV	M3	0 1	0.92	0.92	5.5	5.49	6.95	2.03	5.55 7.56	0 1.9	6.69	11.25	#1	5.8
	M3.5 × 0.6	PFHV	M3.5	0 1	0.92	0.92	6.0	5.98	7.45	2.34	6.01 8.42	0 2.3	7.45	12.47	#2	6.3
	M4 × 0.7	PFHV	M4	0 1	0.92	0.92	6.4	6.38	7.85	2.79	6.59 9.39	0 2.7	8.5	14.1	#2	6.7