AOTUO
傲拓精密五金

品质为本 环保创新

Quality & Environmental-oriented innovation

东莞市傲拓精密五金制品有限公司

Dongguan Aotuo Precision Hardware Products Co.,Ltd

公司简介
Company Profile

东莞市傲拓精密五金制品有限公司是一家专业研发、生产特种螺丝的民业。本公司引进日本、台湾的全套进口数控设备，拥有雄厚的技术实力，为客户生产制造各种精密五金零配件。

本公司主要产品有压铆螺母、压铆螺柱、压铆螺钉、涨铆螺母、松不脱、拉铆螺母、焊接螺母、塑料镶嵌件手紧弹螺钉、卡式方螺母、皇冠螺钉、碰焊钉等面板紧固件及各种非标准件,产品广泛应用于通信设备、电器产品、金属幕墙五金塑胶等行业中。

本公司拥有各种先进的生产及检验设备，以及一套完善的质量保证体系和用户管理制度，最宝贵的是有一批素质高、技术过硬的专业人才，不断的进行技术创新和完善工艺流程，公司产品的品质不断提高，在同行业中始终处于领先水平也深受新老客户的好评。客户遍及整个深圳、东莞、北京、武汉、青岛、广州等珠江三角洲及内地大中城市。

欢迎各界公司光临指导，或来电来人咨询及来图来样生产。我们始终坚持“品质第一、服务优先”的经营理念给予支持我们的新老客户!非常感谢能与您一路共铸辉煌，成就美好未来!

About us

Aotuo Precision is a professional provider of product solutions and services in industrial fastening and assembly technology. we’ve been supplying customers with the parts they need and the service they deserve.

With more than 15 years of experience, Aotuo has grown to become a lead manufacturer of self-clinching fasteners and equipment, rivet nuts and installation tools, customized CNC and lathing parts, general industry fasteners, etc.

Customers rely on us for application design assistance and prototype samples with stable quality. We also reduce inventory and delivery issues by keeping parts in stock and by making shipments that meet our customers’ production requirements.

We also listen and endeavor to provide a service to your specific requirements. With quality a number one priority, we continually invest in the right people and products to provide the superior market knowledge and customer service our customers demand.

检测设备

标准孔规
Hole test tools

扭力计
Torsion dynamoneter

高度仪
Altimeter

硬度计
Sclerometer

盐雾实验机
Salt spray tester

二次元测量仪
Anime measuring instrument

电脑推拉力机
Computer push-pull machine

光学筛选机
Optical screening machine

Contents 产品目录

AOTUO

品质为本　环保创新

Quality & Environmental-oriented innovation

表面处理代码 Finish Code

Finish	表面处理	Code代码	Finish	表面处理	Code 代码
Zinc Blue	镀蓝锌	ZU	Nickel Flash	镀亮镍	NI
Zinc Black	镀黑锌	ZB	Nickel Electroless	无电解镍	EN
Zinc Yellow	镀彩锌	ZC	Chrome Flash	镀亮铬	CR
Zinc Clear	镀白锌	ZI	Tin Flash	镀亮锡	ET
Black Anodize	氧化黑色	BL	Passivation	钝化	PS
Natural Anodize	氧化本色	NA	Gold Plating	镀金	AU
Gold Anodize	氧化金色	GD	Silver plating	镀银	AG
Copper Red	镀红铜	RU	Titanium plating	镀钛	TI
Copper Yellow	镀黄铜	YU	Cadmium plating	镀镉	CD
Nickel Over Copper	镀铜底镍	CN	Zinc-Iron Alloy	镀锌-铁合金	ZF
Tin Matt	镀哑锡	DT	Chromate	铬酸盐	CH
Flash Black Painting coating	喷黑漆	PC	Plain	本色	X
Sn/Pb plating	镀锡铅合金	TP	Electro painting	电泳漆	EF
Sandblast and Anodize	喷砂阳极	SA			

常用词语中英文对照表 Commen use sentence

English	中文
Type	型号
Thread Size	螺纹规格
Thread Code	螺纹码
Length Code	长度码
Shank Code	铆位高度码
Sheet thickness	板厚
Hole size in sheet	安装板孔尺寸
Min dist Hole C/L To Edge	孔中心到板边最小距离
Steel	碳钢
Stainless Steel	不锈钢
Aluminum	铝
Brass	铜
Kurled	滚花型
Smooth Head	平滑型
Thru-hole Diamter	孔内径
Max,Hole in Attached Parts	安装后最大接触孔
Min.Depth of Blind Hole	最小安装孔深
Min.Depth Full Thread	螺纹深度

常用单位换算表 Commen use units

1厘米(cm)=10毫米(mm)=100丝米(dmm)=0.394英寸(in)
1英寸(in)=2.54厘米(cm)=25.4毫米(mm)=254丝米(dmm)
1千克(kg)=1000克(g)=2.205磅(lb)
磅(lb)=0.4541千克(kg)=454克(g)
1英寸磅(lbf-in)=0.113牛顿米(N-m)=1.152千克厘米(kgf-cm)
千克厘米(kgf-cm)=0.098牛顿米(N-m)=0.868英寸磅(lbf-in)

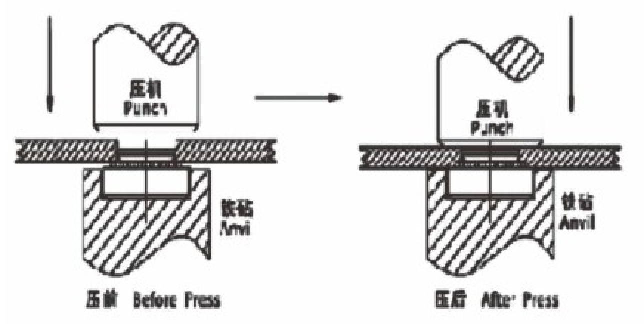
压铆螺母SELF-CLINCHING NUTS

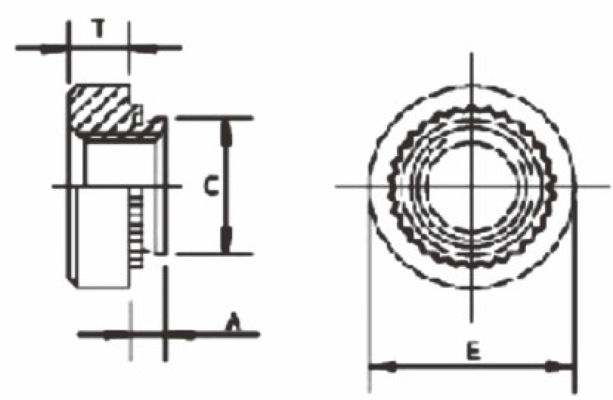
CL	S	M3	1	ZU
型号 Type	材料代号 Materal code	螺纹代号 Thread code	规格代号 Shank code	镀层代号 Finish code

NOTE:Pressure rivet nuts can be customised for threads above M12.
Means that this size does not apply to SP

备注:带(1)可以定做M12以上的螺纹的压铆螺母
带(2)代表这一尺寸不适用于SP

安装方法INSTALLATION

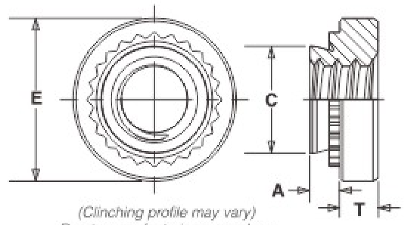




ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸X螺距 Thread Size X Pitch	型号 Type			螺纹代号 Thread Code	规格代号 Specification Code	A最大 A Max	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080-.000	C MAX	E ±0.25	T ±0.25	孔芯到板边沿是小距离 Min DistHole C/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels	不锈铁加硬 Stainless Steel Hardened									
M2×0.4	S	CLS	-	M2	0	0.77	0.8	4.25	4.22	6.35	1.5	4.8
					1	0.97	1					
					2	1.38	1.4					
M2.5×0.45	S	CLS	SP	M2.5	0	0.77	0.8	4.25	4.22	6.35	1.5	4.8
					1	0.97	1					
					2	1.38	1.4					
M3×0.5	S	CLS	SP	M3	0	0.77	0.8	4.25	4.22	6.35	1.5	4.8
					1	0.97	1					
					2	1.38	1.4					
M3.5×0.6	S	CLS	-	M3.5	0	0.77	0.8	4.75	4.73	7.11	1.5	5.6
					1	0.97	1					
					2	1.38	1.4					
M4×0.7	S	CLS	SP	M4	0	0.77	0.8	5.4	5.38	7.87	2	6.9
					1	0.97	1					
					2	1.38	1.4					
M5×0.8	S	CLS	SP	M5	0	0.77	0.8	6.4	6.33	8.64	2	7.1
					1	0.97	1					
					2	1.38	1.4					
M6x1	S	CLS	SP	M6	00[2]	0.89	0.92	8.75	8.73	11.18	4.08	8.6
					0[2]	1.15	1.2					
					1	1.38	1.4					
					2	2.21	2.3					
M8×1.25	S	CLS	SP	M8	0[2]	1.15	1.2	10.5	10.47	12.7	5.47	9.7
					1	1.38	1.4					
					2	2.21	2.3					
M10×1.5	S	CLS	SP	M10	0[2]	1.38	1.5	14	13.97	17.35 不锈钢17	7.48	13.5
					1	2.21	2.3					
					2	3.00	3.0					
M12×1.75	S	-	-	M12	0[2]	1.95	2.0	17	16.95	20	9.0	16
					1	3.00	3.0					
					2	5.5	6.0					

压铆螺母SELF-CLINCHING NUTS



(Clinching profile may vary)
Due to manufacturing procedure,
parts may have a counterbore at shank end.

压铆尺寸可能有所变化，因为制造过程中的作用，
某些部位可能会在压进板后变形。

(1) Other specifications can be customized

(2) Marked with 2 is not suitable for SP

(1)可以订做其他规格

(2)带2标志不合适用于SP

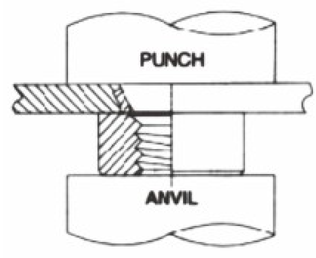
ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸 Thread Size	型号 Type			螺纹代号 Thread Code	规格代号 Specification Code	A最大 A Max	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080-.000	C MAX	E ±0.25	T ±0.25	孔芯到板边沿是小距离 Min DistHole C/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels	不锈铁加硬 Stainless Steel Hardened									
.086-56 (#2-56)	S	CLS	SP	256	0	.030	.030	.166	.165	.250	.070	.19
					1	.038	.040					
					2	.054	.056					
.099-48 (#3-48)	S	CLS	-	348	0	.030	.030	.166	.165	.250	.070	.19
					1	.038	.040					
					2	.054	.056					
.112-40 (#4-40)	S	CLS	SP	440	0	.030	.030	.166	.165	.250	.070	.19
					1	.038	.040					
					2	.054	.056					
					3[2]	.087	.090					
.138-32 (#6-32)	S	CLS	SP	632	0	.030	.030	.1875	.187	.280	.070	.22
					1	.038	.040					
					2	.054	.056					
					3[2]	.087	.090					
.164-32 (#8-32)	S	CLS	SP	832	0	.030	.030	.213	.212	.310	.090	.27
					1	.038	.040					
					2	.054	.056					
					3[2]	.087	.090					
.190-24 (#10-24)	S	CLS	SP	024	0	.030	.030	.250	.249	.340	.090	.28
					1	.038	.040					
					2	.054	.056					
					3[2]	.087	.090					
.190-32 (#10-32)	S	CLS	SP	032	0	.030	.030	.250	.249	.340	.090	.28
					1	.038	.040					
					2	.054	.056					
					3[2]	.087	.090					
.216-24 (#12-24)	S	CLS	-	1224	1	.038	.040	.277	.276	.370	.130	.31
					2	.054	.056					
					3	.087	.090					
.250-20 (1/4-20)	S[3]	CLS	SP	0420	0	.045	.047	.344	.343	.440	.170	.34
					1	.054	.056					
					2	.087	.090					
					3[2]	.120	.125					
.250-28 (1/4-28)	S	CLS	-	0428	1	.054	.056	.344	.343	.440	.170	.34
					2	.087	.090					
					3	.120	.125					
.313-18 (5/16-18)	S[3]	CLS	SP	0518	1	.054	.056	.413	.412	.500	.230	.38
					2	.087	.090					
					3[2]	.120	.125					
.313-24 (5/16-24)	S	CLS	SP	0524	1	.054	.056	.413	.412	.500	.230	.38
					2	.087	.090					
					3[2]	.120	.125					
.375-16 (3/8-16)	S	CLS	SP	0616	1	.087	.090	.500	.499	.560	.270	.44
					2	.120	.125					
					3[2]	.235	.250					
.375-24 (3/8-24)	S	CLS	SP	0624	1	.087	.090	.500	.499	.560	.270	.44
					2	.120	.125					
					3[2]	.235	.250					
.438-20 (7/16-20)	S	-	-	0720	1	0.87	.092	.562	.561	.687	.311	.562
.500-13 (1/2-13)	S	CLS	-	0813	1	.120	.125	.656	.655	.810	.360	.63
					2	.235	.250					
.500-20 (1/2-20)	S	CLS	-	0820	1	.120	.125					
					2	.235	.250					

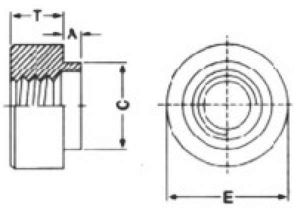
涨铆螺母FLARE-IN NUTS

Z	S	M3	2	ZI
型号 Type	材料代号 Materal code	螺纹代号 Thread code	板厚代号 Shank code	镀层代号 Finish code

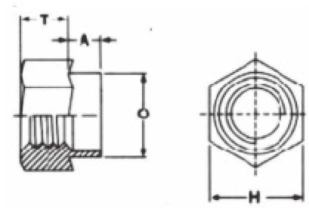
安装方法INSTALLATION



INSTALLATION



圆形涨铆 ROUND



六角涨铆HEXAGON

ALL DIMENSIONS ARE IN MILLIMETERS

圆形涨铆 ROUND TYPE

螺纹尺寸X螺距 Thread Size X Pitch	型号 Type 碳钢 Carbon Steel	型号 Type 不锈钢 Stainless Steels	螺纹代号 Thread Code	板厚代号 Thickness Code	A ±0.1	最小板厚 Minimum Plate Thickness	底板安装孔直径 Hole Size In Sheet +0.08	C MAX	E ±0.25	T ±0.25
M3x0.5	Z	ZS	M3	1.2	1.2	1.2	5	4.98	7	3
				1.5	1.5	1.5				
				2	2	2				
M4x0.7	Z	ZS	M4	1.2	1.2	1.2	6	5.98	8	4
				1.5	1.5	1.5				
				2	2	2				
M5x0.8	Z	ZS	M5	2	2	2	8	7.98	10	5
				3	3	3				
M6x1	Z	ZS	M6	2	2	2	9	8.98	11	6
				3	3	3				
M8x1.25	Z	ZS	M8	2	2	2	11	10.98	13	6
				3	3	3				
M10x1.5	Z	ZS	M10	2	2	2	14	13.98	16	8
				3	3	3				

六角形涨铆 HEXAGON TYPE

螺纹尺寸X螺距 Thread Size X Pitch	型号 Type 碳钢 Carbon Steel	型号 Type 不锈钢 Stainless Steels	螺纹代号 Thread Code	板厚代号 Thickness Code	A ±0.1	最小板厚 Minimum Plate Thickness	底板安装孔直径 Hole Size In Sheet +0.08	C MAX	E ±0.25	T ±0.25
M3x0.5	NZ	NZS	M3	1.5	1.5	1.5	5	4.98	6	3
				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				
				6	6	6				
M8x1.25	NZ	NZS	M8	3	3	3	11	10.98	12.7	6
				4	4	4				
				5	5	5				
				6	6	6				
M10x1.5	NZ	NZS	M10	3	3	3	14	13.98	16	8
				4	4	4				
				5	5	5				
				6	6	6				
				10	10	10				

斜花挤压螺母 HEXGONALINSERT NUTS

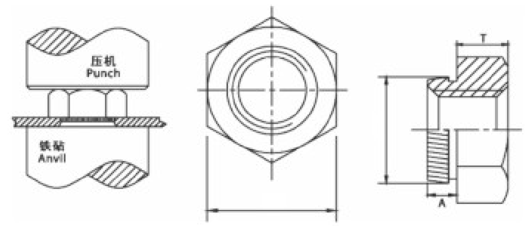
BN
型号
Type

M4
螺纹代号
Thread code

2
规格代号
Shank code

ZC
镀层代号
Finish code

安装方法INSTALLATION



ALL DIMENSION ARE IN MILLIMETERS(均以mm单位)

螺纹尺寸X螺距 Thread Size X Pitch	型号 Type		螺纹代号 Thread Code	规格代号 Specification Code	A ±0.15	安装板最小厚度 Mounting plate Minimum thickness	板安装孔径 Plate Mounting Hole Size +.080 -.000	D ±0.1	C ±0.1	T ±0.25	E ±0.25
	碳钢 Carbon Steel	不锈钢 Stainless Steels									
M2.5x0.45	BN	BNS	M2.5	1	0.9	1.0	4.5	4.5	4.7	2.1	5.5
				2	1.8	2.0					
M3x0.5	BN	BNS	M3	1	0.9	1.0	4.5	4.5	4.7	2.1	5.5
				2	1.8	2.0					
M4x0.7	BN	BNS	M4	1	0.9	1.0	5.5	5.5	5.7	2.3	7.0
				2	1.8	2.0					
M5x0.8	BN	BNS	M5	1	0.9	1.0	6.5	6.5	6.75	3.1	8.0
				2	1.8	2.0					
M6x1.0	BN	BNS	M6	1	0.9	1.0	8.0	8.0	8.3	4.1	10.0
				2	1.8	2.0					
M8x1.25	BN	BNS	M8	2	1.8	2.0	10.0	10.0	10.3	4.7	13.0
M10x1.5	BN	BNS	M10	2	1.8	2.0	12.5	12.5	12.85	6.2	15.0
M12x1.75	BN	BNS	M12	3	2.8	3.0	14.5	14.5	14.85	7.2	17.0
M16x2.0	BN	BNS	M16	3	3.4	3.5	18.5	18.5	18.85	9.6	22.0
M20x2.5	BN	BNS	M20	4	3.8	4.0	23.0	23.0	23.4	12.2	27.0

六角压铆螺母 HEXGONAL SELF-CLINCHING NUTS

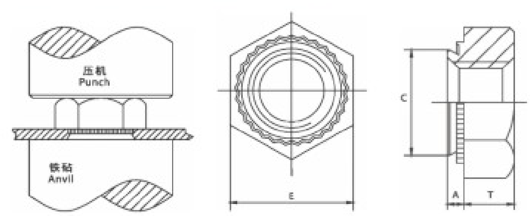
BOB
型号
Type

M3
螺纹代号
Thread code

1
规格代号
Shank code

ZU
镀层代号
Finish code

安装方法INSTALLATION



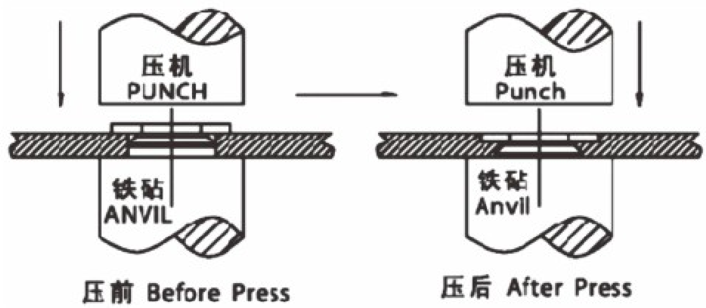
ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

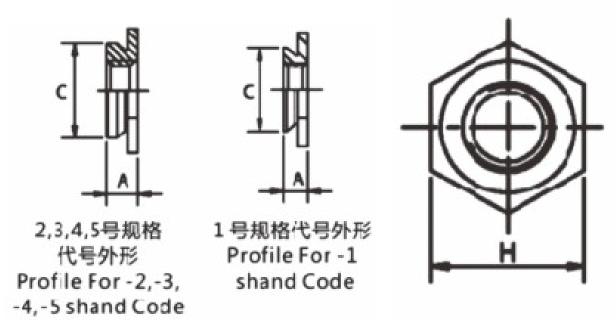
螺纹尺寸X螺距 Thread Size X Pitch	型号 Type		螺纹代号 Thread Code	规格代号 Specification Code	A最大 A Max	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +0.080-.000	B MAX	E ±0.25	T ±0.25	孔芯到板边沿是小距离 Min DistHole C/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels									
M3x0.5	BOB	BOBS	M3	0	0.8	0.8	4.5	4.45	5.5	2.0	4.8
				1	1.0	1.0					
				2	1.4	1.4					
M4x0.7	BOB	BOBS	M4	0	0.8	0.8	5.5	5.45	7.0	2.2	6.9
				1	1.0	1.0					
				2	1.4	1.4					
M5x0.8	BOB	BOBS	M5	0	0.8	0.8	6.5	6.45	8.0	3.0	7.1
				1	1.0	1.0					
				2	1.4	1.4					
M6x1.0	BOB	BOBS	M6	1	1.0	1.0	8.0	7.95	10.0	4.0	8.6
				2	1.4	1.5					
M8X1.25	BOB	BOBS	M8	1	1.15	1.2	10.5	10.47	12.7	5.0	9.7
				2	1.4	1.5					
M10X1.5	BOB	BOBS	M10	1	1.8	2.0	12.5	12.45	15	8.0	11
				2	2.8	3.0					
M12X1.75	BOB	BOBS	M12	1	1.8	2.0	14.5	14.45	17	10.0	13
				2	2.8	3.0					

镶入螺母INSERT NUT

F	M3	1
型号 Type	螺纹代号 Thread code	规格代号 Shank code

安装方法INSTALLATION





ALL DIMENSION ARE IN MILLIMETERS(均以mm单位)

螺纹尺寸X 螺距 Thread Size X Pitch	型号 Type	加硬不锈钢 Hardened Stainless Steel	螺纹代号 Thread Code	规格代号 Specification Code	A最大 A Max	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080-.000	C最大 C MAX	H公称尺寸 Nom	孔中心到板边最小距离 Min Dist HoleC/LTo Edge
M2x0.4	F	F4	M2	1	1.53	1.53-2.3	4.37	4.35	4.75	6
				2	2.3	2.32Min.				
M2.5x0.45	F	F4	M2.5	1	1.53	1.53-2.3	4.37	4.35	4.75	6
				2	2.3	2.32Min.				
M3x0.5	F	F4	M3	1	1.53	1.53-2.3	4.37	4.35	4.75	6
				2	2.3	2.32Min.				
M4x0.7	F	F4	M4	1	1.53	1.53-2.3	7.37	7.35	8.0	7.2
				2	2.3	2.32Min.				
M5x0.8	F	F4	M5	1	1.53	1.53-2.3	7.92	7.9	8.7	8
				2	2.3	2.32Min.				
M6x1	F	F4	M6	3	3.05	3.18-394	8.74	8.72	9.5	8.8
				4	3.84	3.96-4.72				
				5	4.63	4.75Min.				

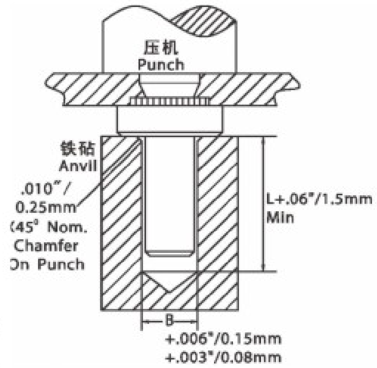
ALL DIMENSION ARE IN INCHES(均以英寸单位

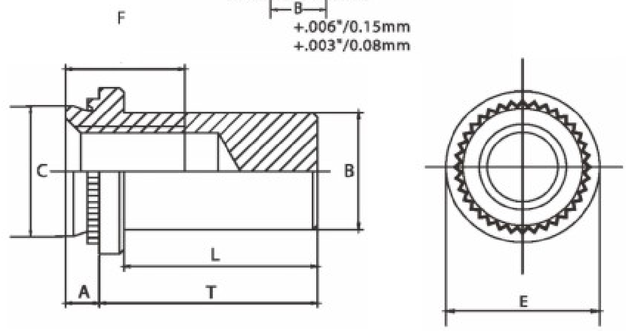
螺纹尺寸 Thread Size	型号 Type	加硬不锈钢 Hardened Stainless Steel	螺纹代号 Thread Code	规格代号 Specification Code	A最大 A Max	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080-.000	C最大 C MAX	H公称尺寸 Nom	孔中心到板边最小距离 Min Dist HoleC/LTo Edge
.086-56 (#2-56)	F	F4	256	1	.060	.060-.090	.172	.171	.188	.23
				2	.090	.091Min.				
.112-40 (#4-40)	F	F4	440	1	.060	.060-.090	.172	.171	.188	.23
				2	.090	.091Min.				
.138-32 (#6-32)	F	F4	632	1	.060	.060-.090	.213	.212	.250	.27
				2	.090	.091Min.				
.164-32 (#8-32)	F	F4	832	1	.060	.060-.090	.290	.289	.312	.28
				2	.090	.091Min.				
.190-32 (#10-32)	F	F4	032	1	.060	.060-.090	.312	.311	.343	.31
				2	.090	.091Min.				
.250-20 (1/4-20)	F	F4	0420	3	.120	.125-.155	.344	.343	.375	.34
				4	.151	.156-.186				
				5	.182	.187Min.				

防水螺母 BLIND NUTS

B	832	2	ZU
型号 Type	螺纹代号 Thread code	规格代号 Shank code	镀层代号 Finish code

安装方法 INSTALLATION





ALL DIMENSION ARE IN MILLIMETERS(均以mm单位)

螺纹尺寸X螺距 Thread Size X Pitch	型号 Type		螺纹代号 Thread Code	规格代号 Specification Code	A最大 A Max	板厚 Plate Thickness	板安装孔径 Plate Mounting Hole Size +0.080	B MAX	C MAX	E ±0.25	最小螺纹深度 F Min	L MAX	T ±0.25	孔芯到板边沿是小距离 Min DistHole C/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels												
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	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								
M8x1.5	B	BS	M8	1	1.38	1.4	10.5	9.7	10.47	12.7	10	13.3	15	10
				2	2.21	2.3								

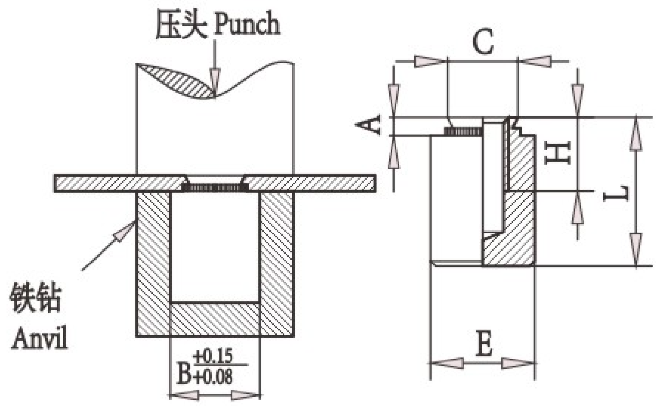
ALL DIMENSION ARE IN INCHES(均以英寸单位)

螺纹尺寸 Thread Size	型号 Type		螺纹代号 Thread Code	规格代号 Specification Code	A最大 A Max	板厚 Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080	B MAX	C MAX	E ±0.25	最小螺纹深度 F Min	L MAX	T ±0.25	孔芯到板边沿是小距离 Min DistHole C/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels												
.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								

自扣紧封闭螺母 SELF-CLINCHING BLIND FASTENERS

B	S	M3	10	0
型号 Type	材料代号 Materal code	螺纹代号 Thread code	长度码 Length Code	铆位长度码 Shank Code

安装方法INSTALLATION



材质,表面处理和适用范围
Material,Finish and for use in sheet Hardness

注:
B用热处理碳钢制造，镀白锌;
适用于B适用板材硬度等于或小于HRB80。
BS用300系列不锈钢制造，钝化处理或按ASTM A380 进行试验。
BS适用板材硬度等于或小于HRB70。

NOTE:
B Type fasteners are made of heat-treated carbon steel and Zinc plating(ZI);
Type B fasteners are available for sheet Hardness 80 or less on the Rockwell "B' scale.
BS TYPE fasteners are made of 300 series stainless steel, passivated and/or test per ASTM A380.
BS type fasteners available in sheet Hardness 70 or less on the Rockwell "B' scale.

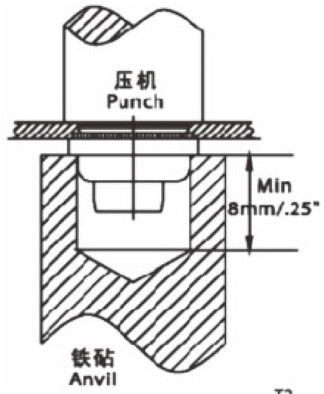
ALL DIMENSION ARE IN MILLIMETERS(均以mm单位)

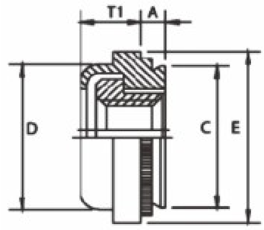
螺纹尺寸X螺距 Thread Sizex Pitch	型号 Type	螺纹代号 Thread Code	铆位高度码 Shank Code	A Max	安装板最小厚度 Mounting plate Minimum thickness	安装板孔径 Hole size in sheet +0.08	C Max	E ±0.25	L ±0.25	H Min	孔中心到板边最小距离 Min Dist Hole C/L To Edge
M3x0.5	BS	M3	0	0.77	0.8-1	4.25	4.22	6.35	10	5.3	4.8
			1	0.97	1						
			2	1.38	1.4						
M4x0.7	BS	M4	0	0.77	0.8-1	5.4	5.38	7.95	10	7.1	6.9
			1	0.97	1						
			2	1.38	1.4						
M5x0.8	BS	M5	0	0.77	0.8-1	6.4	6.38	8.75	10	7.1	7.1
			1	0.97	1						
			2	1.38	1.4						
M6x1.0	BS	M6	0	1.15	1.2	8.75	8.72	11.1	10	6.3	8.6
			1	1.38	1.4						
			2	2.21	2.3						
M8x1.25	BS	M8	1	1.38	1.4	10.5	10.47	12.65	16	10	9.7
			2	2.21	2.3				20	14	
M12x1.75	BS	M12	2	1.95	2	14.1	14.1	17	20	14	10.8
									30	24	

浮动螺母 FLOATING FASTENERS

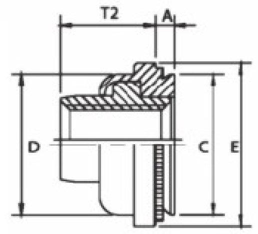
AS	M3	2	ZU
型号 Type	螺纹代号 Thread code	规格代号 Shank code	镀层代号 Finish code

安装方法INSTALLATION





Non-locking
Type AS AC
非自锁
AS/AC型



Self-locking
Type LAS LAC
自锁
LAS/LAC型

NOTE: With (1) This specification is not available for A4 and LA4 models.
注:带(1)这一规格不适用于A4和LA4型号。

ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸 X螺距 Thread Size X Pitch	非自锁 Non-Self-Locking			自锁 Self-Locking			螺纹代号 Thread Code	规格代号 Specification Code	A最大 A Max	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +0.080	C最大 CMAX	D最大 DMAX	E ±0.4	T1最大 T1MAX	T2最大 T2MAX	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels	404系列不锈钢 404 Series Stainless Steel	碳钢 Carbon Steel	不锈钢 Stainless Steels	404系列不锈钢 404 Series Stainless Steel											
M3x0.5	AS	AC	A4	LAS	LAC	LA4	M3	1	0.97	0.97	7.37	7.35	7.37	9.14	3.31	4.83	7.62
								2[1]	1.4	1.4							
M4x0.7	AS	AC	A4	LAS	LAC	LA4	M4	1	0.97	0.97	9.35	9.33	9.28	11.18	3.31	5.34	8.64
								2[1]	1.4	1.4							
M5x0.8	AS	AC	A4	LAS	LAC	LA4	M5	1	0.97	0.97	10.31	10.29	10.29	11.94	4.32	6.86	9.14
								2[1]	1.4	1.4							
M6x1.0	AS	AC	-	LAS	LAC	-	M6	2	1.4	1.4	13.08	13.06	12.96	15.24	5.34	7.88	10.67

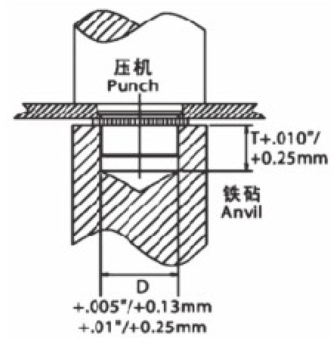
ALL DIMENSION ARE IN INCHES(均以英寸单位)

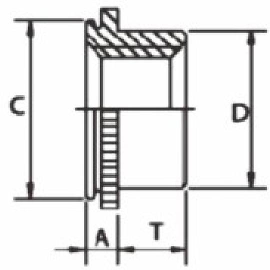
螺纹尺寸 Thread Size	非自锁 Non-Self-Locking			自锁 Self-Locking			螺纹代号 Thread Code	规格代号 Specification Code	A最大 A Max	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080	C最大 CMAX	D最大 DMAX	E ±0.4	T1最大 T1MAX	T2最大 T2MAX	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels	404系列不锈钢 404 Series Stainless Steel	碳钢 Carbon Steel	不锈钢 Stainless Steels	404系列不锈钢 404 Series Stainless Steel											
.112-40 (#4-40)	AS	AC	A4	LAS	LAC	LA4	440	1	0.38	.040	.290	.289	.290	.360	.130	.190	.30
								2[1]	0.54	.056							
.138-32 (#6-32)	AS	AC	A4	LAS	LAC	LA4	632	1	0.38	.040	.328	.327	.335	.390	.130	.200	.32
								2[1]	0.54	.056							
.164-32 (#8-32)	AS	AC	A4	LAS	LAC	LA4	832	1	0.38	.040	.368	.367	.365	.440	.130	.210	.34
								2[1]	0.54	.056							
.190-24 (#10-24)	AS	AC	-	LAS	LAC	-	024	1	0.38	.040	.406	.405	.405	.470	.170	.270	.36
								2[1]	0.54	.056							
.190-32 (#10-32)	AS	AC	A4	LAS	LAC	LA4	032	1	0.38	.040	.406	.405	.405	.470	.170	.270	.36
								2[1]	0.54	.056							
.250-20 (1/4-20)	AS	AC	-	LAS	LAC	-	0420	2	0.54	.056	.515	.514	.510	.600	.210	.310	.42
.250-28 (1/4-28)	AS	AC	-	LAS	LAC	-	0428	2	0.54	.056	.515	.514	.510	.600	.210	.310	.42

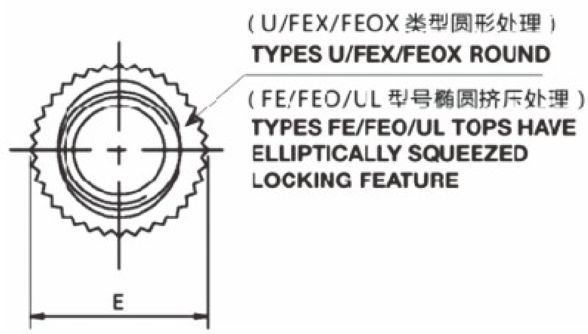
微空间铆螺母 MINIATURE FASTENERS

FE	440	1
型号 Type	螺纹代号 Thread code	规格代号 Shank code

安装方法INSTALLATION







ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type 非自锁 Non-Self -Locking	型号 Type 自锁 Self-Locking	螺纹代号 Thread Code	规格代号 Specification Code	A最大 A Max	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +0.080	C MAX -0.13	D最大 DMAX	E ±0.13	T +0.40 _0.00	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge	安装后最大接触孔 Maximum Contact Hole After Installation
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	/	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	/	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	/	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	/	1.53	1.5-1.78	8.74	8.72	7.72	9.74	3.3	7.1	6.5

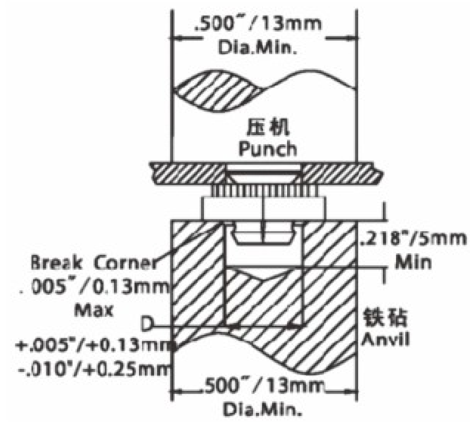
ALL DIMENSION ARE ININCHES(均以英寸单位)

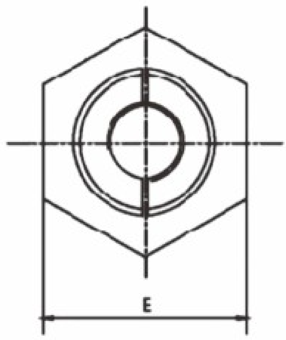
螺纹尺寸 Thread Size	型号 Type 非自锁 Non-Self -Locking	型号 Type 自锁 Self-Locking	螺纹代号 Thread Code	规格代号 Specification Code	A最大 A Max	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +0.080	C MAX -0.13	D最大 DMAX	E ±0.13	T +0.40 _0.00	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge	安装后最大接触孔 Maximum Contact Hole After Installation
.060-80 (#0-80)	U	UL	080	0	0.20	.019-.022	.110	.1095	.076	.125.	.050	.09	.080
.07364 (#1-64)	U	UL	164	0	0.20	.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
				1	.031	.030-.036							
.112-40 (#4-40)	FEOX	FEO	440	/	.040	.039-.045	.172	.171	.145	.192	.065	.14	.132
	FEX	FE			.060	.059-.070							
.138-32 (#6-32)	FEOX	FEO	632	/	.040	.039-.045	.213	.212	.180	.244	.075	.17	.158
	FEX	FE			.060	.059-.070							
.164-32 (#8-32)	FEOX	FEO	832	/	.040	.039-.045	.290	.289	.215	.322	.090	.20	.184
	FEX	FE			.060	.059-.070							
.190-32 (#10-32)	FEOX	FEO	032	/	.040	.039-.045	.290	.289	.245	.322	.110	.20	.210
	FEX	FE			.060	.059-.070							
1/4-20	FEX	FE	0428	/	.060	.059-.070	.344	.343	.318	.384	.120	.28	.270
1/4-28			0420										

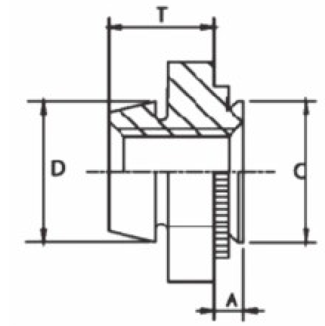
自锁螺母 SELF-LOCKING FASTENERS

LKS	M4	1
型号 Type	螺纹代号 Thread code	规格代号 Shank code

安装方法INSTALLATION







ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type 碳钢 Carbon Steel	型号 Type 不锈钢 Stainless Steels	型号 Type 铝 Aluminium	螺纹代号 Thread Code	规格代号 Specification Code	A最大 A Max	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080-.000	C MAX	D MAX	E 公称 Nom	T ±0.25	孔芯到板边沿最小距离 Min Dist HoleC/LTo Edge
M2.5x0.45	LK	LKS	LKA	M2.5	1	0.97	1	4.37	4.35	4.45	6.35	3.43	3.9
	LK	LKS	LKA		2	1.38	1.4						
M3x0.5	LK	LKS	LKA	M3	1	0.97	1	4.75	4.73	4.85	6.35	3.43	4.0
	LK	LKS	LKA		2	1.38	1.4						
M4x0.7	LK	LKS	LKA	M4	1	0.97	1	6.76	6.73	6.2	8.73	4.45	5.2
	LK	LKS	LKA		2	1.38	1.4						
M5x0.8	LK	LKS	LKA	M5	1	0.97	1	7.92	7.9	7.4	9.53	5.21	5.6
	LK	LKS	LKA		2	1.38	1.4						

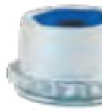
ALL DIMENSION ARE IN INCHES(均以英寸单位)

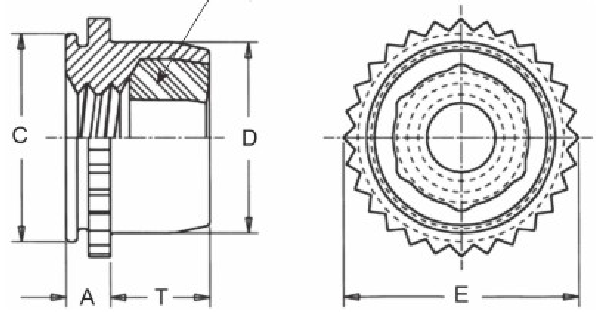
螺纹尺寸 Thread Size	型号 Type 碳钢 Carbon Steel	型号 Type 不锈钢 Stainless Steels	型号 Type 铝 Aluminium	螺纹代号 Thread Code	规格代号 Specification Code	A最大 A Max	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.003-.000	C MAX	D MAX	E 公称 Nom	T ±0.10	孔芯到板边沿最小距离 Min Dist HoleC/LTo Edge
.086-56	LK	LKS	LKA	256	1	.038	040	.172	.171	.165	.250	.135	.156
(2#-56)	LK	LKS	LKA		2	.054	056						
.112-40	LK	LKS	LKA	440	1	.038	.040	.187	.186	.185	.250	.135	.156
(#4-40)	LK	LKS	LKA		2	.054	.056						
.138-32	LK	LKS	LKA	632	1	.038	.040	.219	.218	.220	.312	.145	.187
(#6)32	LK	LKS	LKA		2	.054	056						
.164-32	LK	LKS	LKA	832	1	.038	.040	.266	.265	.250	.343	.175	.203
(#8-32)	LK	LKS	LKA		2	.054	056						
.190-32	LK	LKS	LKA	032	1	.038	.040	.312	.311	.285	.375	.205	.218
(#10-32)	LK	LKS	LKA		2	.054	056						

自锁螺母 SELF-LOCKING FASTENERS

PL	C	440	ZL
型号 Type	材料代号 Materal code	螺纹码 Thread code	终处理码 Finish Code

安装方法INSTALLATION





Clinching profile may vary.
拧紧轮廓可能会有所不同

NOTE:
Thread locking torque performance is equivalent to applicable NASM25027 specifications
The strong knurled collar receives the installation force and resists torque.
The spin resistance of the knurl greatly exceeds the torque that can be exerted by the self-locking feature
注:
螺纹锁紧扭矩性能等同于适用的 NASM25027 规格
坚固的滚花轴环能承受安装力并抵抗扭矩
花的旋转阻力大大超过了自锁功能所能施加的扭矩

ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

	螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type 紧固件材料 Fastener Material 钢 Steel	型号 Type 紧固件材料 Fastener Material 不锈钢 Stainless Steels	螺纹代号 Thread Code	A (Shank) Max	板材厚度 Sheet Thickness (1)(2)	板安装孔径 Plate Mounting Hole Size 0.08	C MAX	D MAX	E MAX	T MAX	连接零件的孔最大尺寸 Max Hole In Attached Parts	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge
METRLC(公制)	M3x0.5	PL	PLC	M3	1.53	1-1.78	6	5.98	5.52	7.01	3.56	4.32	3.5
	M4x0.7	PL	PLC	M4	1.53	1-1.78	7.5	7.48	7.01	8.54	4.2	5.59	4.5
	M5x0.8	PL	PLC	M5	1.53	1-1.78	8	7.98	7.52	9	4.45	6.35	5.5

ALL DIMENSION ARE IN INCHES(均以英寸单位)

	螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type 紧固件材料 Fastener Material 钢 Steel	型号 Type 紧固件材料 Fastener Material 不锈钢 Stainless Steels	螺纹代号 Thread Code	A (Shank) Max	板材厚度 Sheet Thickness (1)(2)	板安装孔径 Plate Mounting Hole Size .003-.000	C MAX	D MAX	E MAX	T MAX	连接零件的孔最大尺寸 Max Hole In Attached Parts	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge
UNIFIED(英制)	.112-40 (#4-40)	PL	PLC	440	.060	.040-.070	.234	.233	.215	.274	.130	.170	.132
	.138-32 (#6)32	PL	PLC	632	.060	.040-.070	.265	.264	.246	.305	.130	.190	.158
	.164-32 (#8-32)	PL	PLC	832	.060	.040-.070	.297	.296	.278	.338	.155	.220	.184
	.190-32 (#10-32)	PL	PLC	032	.060	.040-.070	.312	.311	.293	.353	.165	.250	.210

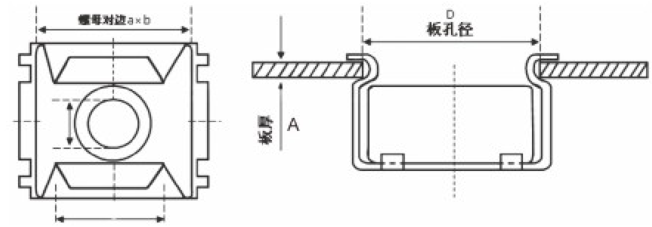
(1)Can be used in panel thickness of .040" to .060"/1 mm to 1.53 mm provided the fastener is not fully installed. The knurled collar must be left protruding above the sheet to the degree that the sheet thickness is less than .060"/1.53 mm. See installation instructions.
(2)Knurled collar may fracture if fastener is used in sheets thicker than .070"/1.78 mm and screw is tightened beyond maximum tightening torque.

(1)可用于厚度为 0.040 英寸至 0.060 英寸/1 毫米至 1.53 毫米的面板，但紧固件不得完全安装。滚花轴环必须突出于板材，使板材厚度小于 0.060 英寸/1.53 毫米。参见安装说明
(2)如果紧固件用于厚度大于 0.070"/1.78 mm 的板材，且螺丝拧紧力矩超过最大拧紧力矩，滚花轴环可能会断裂。

卡式螺母 CAPTIVE NUTS

CN	M4	1
型号 Type	螺纹代号 Thread code	规格代号 Shank code

安装方法INSTALLATION



1. The cassette nut is put into a plate with a pre-drilled hole, wherein the plate is drilled in two shapes, one is a square hole, so that the installation is convenient, and the other is a rectangular hole, and the cassette nut is installed in the rectangular hole and can slide up and down. The hole size of the plate must correspond to the cage nut. Please refer to the specification sheet below.

2. There shall be no burr at the bend and edge of the cage nut, and the surface shall be smooth.

3. The cage nut is clamped on the plate by two sides of the spring clip.

1.将卡式螺母放入预先开好孔的板材内，板材开孔形状有两种，一种是方形孔，这样方便于安装，另一种是长方形孔，卡式螺母安装在长方形孔内可以上下滑动。板材的孔径大小一定要与卡式螺母相对应。请参考下面的规格参数表。

2.卡式螺母的折弯处和棱边处应无毛刺，保持表面光滑。

3.卡式螺母是通过弹簧夹两侧卡位在板材上。

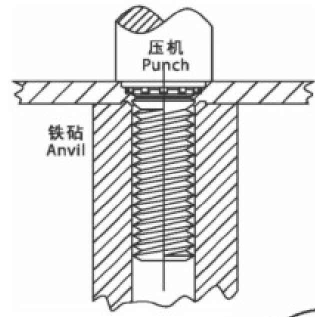
ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type			螺纹尺寸 Thread size	螺母对边 Opposite Side Of Nuts	板厚 Sheet Thickness	板孔径 Hole Size in Sheet	千重 kgKilogram
	壳体弹簧钢 shell spring steel	壳体不锈钢 Shell Stainless Steel						
	螺母钢 Nut Steel	螺母钢 Nut Steel	螺母不锈钢 Nut Stainless steel		axb	A	D	kg/1000pcs
M4x0.7	CN	CNS	CNSS	M4	11x11	0.8-2.8	9.5x9.5	4.20
M5x0.8	CN	CNS	CNSS	M5	11x11	0.8-2.8	9.5x9.5	4.10
M6x1	CN	CNS	CNSS	M6	11x11	0.8-2.8	9.5x9.5	3.80
M8x1.25	CN	CNS	CNSS	M8	14x14	1.0-3.5	12.5x12.5	7.44
M10X1.5	CN	CNS	CNSS	M10	14x14	1-3.5	12.5x12.5	6.70
M12X1.75	CN	CNS	CNSS	M12	17x17	1.5-4	15.5x15.5	13.80

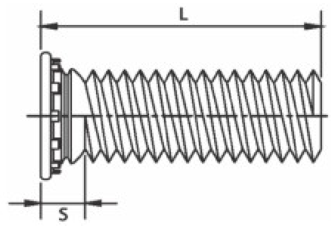
平头压铆螺钉 SELF-CLINCHING FLUSH-HEAD STUDS

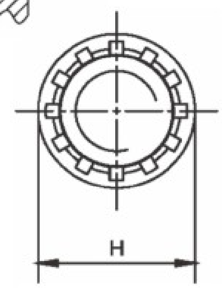
FHS	832	8
型号 Type	螺纹代号 Thread code	规格代号 Shank code

安装方法INSTALLATION



NOTE:
FH4 is specially designed for press fitting of stainless steel plates and is hardened in SUS410 material,Calculation method of inch screw length: actual length (L)= length code (L)/16X25.4.
注:
FH4是专为不锈钢板的压装而设计的，采用SUS410材料硬化而成
英制螺钉长度计算方法：实际长度（L）=长度代号（L）/16X25.4





ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type			螺纹代号 Thread Code	长度代号 Length Code "L"±0.4 (Length code in Millimeters)										最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080-.000	连接零件的孔最大尺寸 Max Hole In Attached Parts	H ±0.4	S Max	孔中心到板边最小距离 Min Dist HoleC/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels	铝 Aluminium																	
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	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

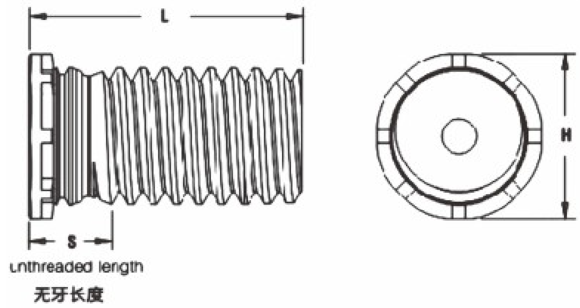
ALL DIMENSION ARE IN INCHES(均以英寸单位)

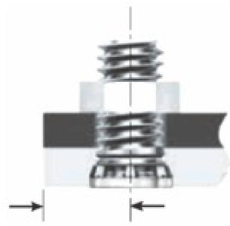
螺纹尺寸 Thread Size	型号 Type			螺纹代号 Thread Code	长度代号 Length Code "L"±.015 (Length code In 16 Ths of An Inch)										最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.003-.000	连接零件的孔最大尺寸 Max Hole In Attached Parts	H ±0.15	S Max	孔中心到板边最小距离 Min Dist HoleC/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels	铝 Aluminium		.250	.312	.375	.500	.625	.750	.875	1.00	1.25	1.50						
.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
.313-185 (5/16-18)	FH	FHS	FHA	0518	/	/	/	8	10	12	14	16	20	24	.093	.311	.333	.376	.160	.375

小头压铆螺钉 LOW-DISPLACEMENT HEAD STUDS

FHL	S	632	6	ZI
型号 Type	材料代号 Materiat code	螺纹尺寸 Thread Size code	长度代号 Length code	镀层代号 Finish code

安装方法INSTALLATION





同样螺纹规格下，FHL类型螺钉安装位置能够比FH/FHS类型的更靠近边缘接近50%的距离。

Depending on thread size.Type FHL studs can beinstalled almos 50% closerto he edge of a sheet thanPEM Type FH/FHS studs.

ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸X螺距 Thread Size X Pitch	型号 Type		螺纹代号 Thread Code	长度代号 Length Code "L"±0.4 (Lengthcode In Millimeters)										最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080-.000	连接零件的孔最大尺寸 Max Hole In Attached Parts	H ±0.4	S Max	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels																	
M2.5×0.45	FHL	FHLS	M2.5	6	8	10	12	15	18	/	/	/	/	1	2.5	2.9	3.15	2.1	2.8
M3×0.5	FHL	FHLS	M3	6	8	10	12	15	18	20	25	/	/	1	3	3.2	3.65	2.1	3.3
M3.5×0.6	FHL	FHLS	M3.5	6	8	10	12	15	18	20	25	30	/	1	3.5	3.9	4.15	2.3	3.8
M4×0.7	FHL	FHLS	M4	6	8	10	12	15	18	20	25	30	35	1	4	4.5	4.65	2.4	4.3
M5×0.8	FHL	FHLS	M5	/	8	10	12	15	18	20	25	30	35	1	5	5.2	5.9	2.7	5.6

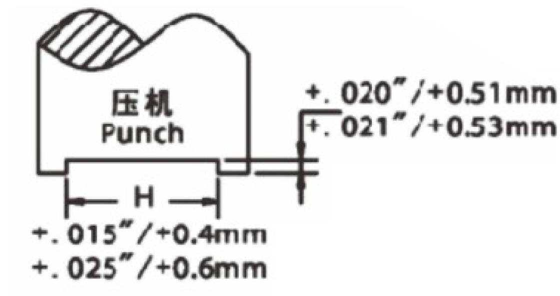
ALL DIMENSION ARE IN INCHES(均以英寸单位)

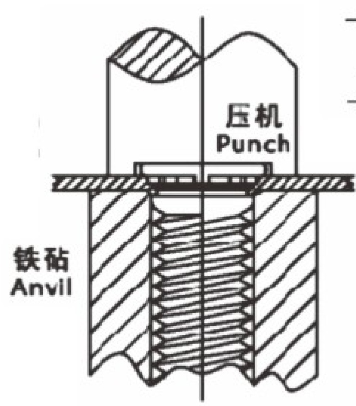
螺纹尺寸 Thread Size	型号 Type		螺纹代号 Thread Code	长度代号 Length Code "L" ±.015 (Length code In 16 Ths of An Inch)										最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.003-.000	连接零件的孔最大尺寸 Max Hole In Attached Parts	H ±.015	S Max	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels		.250	.312	.375	.500	.625	.750	.875	1.00	1.25	1.50						
.086-56 (#2-56)	FHL	FHLS	256	4	5	6	8	10	12	/	/	/	/	.040	.085	.100	.112	.080	.098
.112-40 (#4-40)	FHL	FHLS	440	4	5	6	8	10	12	14	16	/	/	.040	.111	.126	.138	.085	.124
.138-32 (#6-32)	FHL	FHLS	632	4	5	6	8	10	12	14	16	20	24	.040	.137	.152	.164	.090	.150
.164-32 (#8-32)	FHL	FHLS	832	4	5	6	8	10	12	14	16	20	24	.040	.163	.178	.190	.090	.176
.190-32 (#10-32)	FHL	FHLS	032	/	5	6	8	10	12	14	16	20	24	.040	.189	.204	.225	.100	.210

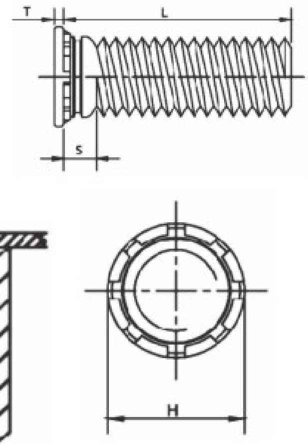
薄板压铆螺钉 SELF-CLINCHING NON-FLUSH STUDS

TFH	0420	12	ZI
型号 Type	螺纹代号 Thread code	规格代号 Shank code	镀层代号 Finish code

安装方法INSTALLATION







ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸X螺距 Thread Size X Pitch	型号 Type		螺纹代号 Thread Code	长度代号 Length Code "L"0.4 (Lengthcode In Millimeters)										最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080-.000	连接零件的孔最大尺寸 Max Hole In Attached Parts	E ±0.4	S Max	T Max	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels																		
M3×0.5	TFH	TFHS	M3	6	8	10	12	15	18	20	25	/	/	0.51	3	3.6	4.5	1.8	0.64	5.6
M4×0.7	TFH	TFHS	M4	/	8	10	12	15	18	20	25	30	35	0.51	4	4.6	5.8	1.8	0.64	7.2
M5×0.8	TFH	TFHS	M5	/	8	10	12	15	18	20	25	30	35	0.51	5	5.6	6.4	2.3	0.64	7.2

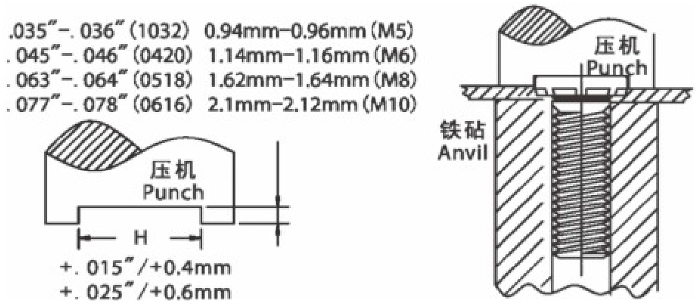
ALL DIMENSION ARE IN INCHES(均以英寸单位)

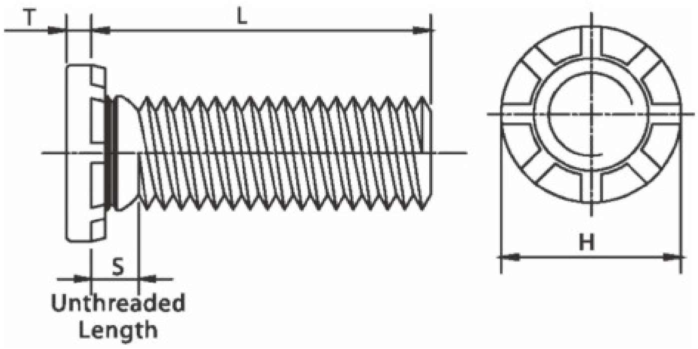
螺纹尺寸 Thread Size	型号 Type		螺纹代号 Thread Code	长度代号 Length Code "L" ±.015 (Length code In 16 Ths of An Inch)										最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.003-.000	连接零件的孔最大尺寸 Max Hole In Attached Parts	E ±0.15	S Max	T Max	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels		.025	.312	.375	.500	.625	.750	.875	1.00	1.25	1.50							
.086-56 (#2-56)	TFH	TFHS	256	4	5	6	8	10	12	/	/	/	/	.020	.085	.105	.141	.070	.025	.187
.112-40 (#4-40)	TFH	TFHS	440	4	5	6	8	10	12	14	/	/	/	.020	.111	.135	.176	.070	.025	.219
.138-32 (#6-32)	TFH	TFHS	632	4	5	6	8	10	12	14	16	20	24	.020	.137	.160	.203	.070	.025	.250
.164-32 (#8-32)	TFH	TFHS	832	4	5	6	8	10	12	14	16	20	24	.020	.163	.185	.234	.070	.025	.281
.190-24 (#10-24)	TFH	TFHS	024	/	5	6	8	10	12	14	16	20	24	.020	.189	.210	.250	.090	.025	.281
.190-32 (#10-32)	TFH	TFHS	032	/	5	6	8	10	12	14	16	20	24	.020	.189	.210	.250	.090	.025	.281

厚头压铆螺钉 HEAVY-DUTY STUDS

HFHS	M6	20
型号 Type	螺纹代号 Thread code	规格代号 Shank code

安装方法INSTALLATION





ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type			螺纹代号 Thread Code	长度代号 Length Code "L"0.4 (Lengthcode In Millimeters)							最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080-.000	连接零件的孔最大尺寸 Max Hole In Attached Parts	H ±0.25	S Max	T Max	孔中心到板边最小距离 Min Dist HoleC/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels	铝 Aluminium															
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

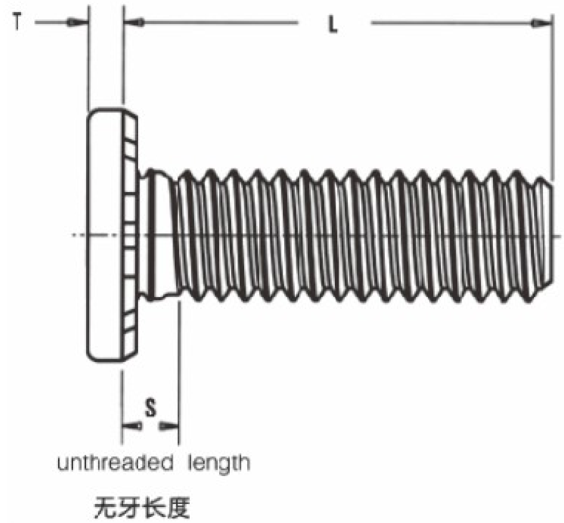
ALL DIMENSION ARE IN INCHES(均以英寸单位)

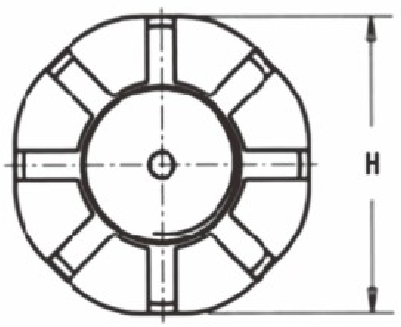
螺纹尺寸 Thread Size	型号 Type			螺纹代号 Thread Code	长度代号 Length Code "L" ±.015 (Length code In 16 Ths of An Inch)							最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.005-.000	连接零件的孔最大尺寸 Max Hole In Attached Parts	E ±0.01	S Max	T Max	孔中心到板边最小距离 Min Dist HoleC/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels	铝 Aluminium															
.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 无	12	16	20	24	28	32	.090	.375	.437	.580	.155	.085	.530

厚头薄板压铆螺钉HEAVY DUTY STUDS FOR THIN SHEETS

HFE	0420	12	ZI
型号 Type	螺纹代号 Thread code	长度代号 Length code	镀层代号 Finish code

安装方法INSTALLATION





ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸 X螺距 Thread Size X Pitch	碳钢 Carbon Steel	螺纹代号 Thread Code	长度代号 Length Code "L"0.4 (Lengthcode In Millimeters)							最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080-.000	连接零件的孔最大尺寸 Max Hole In Attached Parts	H ±.01	S Max	T Max	孔芯到板边沿最小距离 Min Dist HoleC/LTo Edge
M5x0.8	HFE	M5	15	20	25	30	35	40	50	1	5	7.3	9.6	2.6	1.35	10
M6x1	HFE	M6	15	20	25	30	35	40	50	1	6	8.3	11.35	2.8	1.52	11.5
	THFE									0.8				2.62	1.7	10.5
M8x1.25	HFE	M8	15	20	25	30	35	40	50	1.5	8	10.3	15.3	3.3	2.13	14.5
	THFE									0.8				2.9	2.54	15

Tensile strength: 900 Mpa

ALL DIMENSION ARE IN INCHES(均以英寸单位)

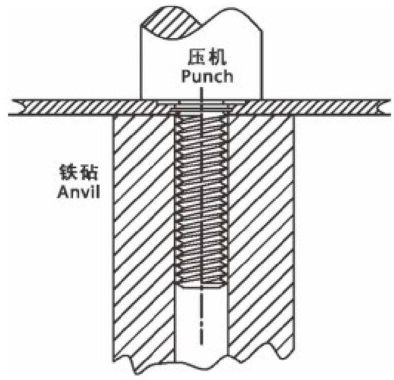
螺纹尺寸 Thread Size	碳钢 Carbon Steel	螺纹代号 Thread Code	长度代号 Length Code "L" ±.015 (Length code In 16 Ths of An Inch)							最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.005-.000	连接零件的孔最大尺寸 Max Hole In Attached Parts	H ±0.25	S Max	T Max	孔芯到板边沿最小距离 Min Dist HoleC/LTo Edge
			.500	.750	1.00	1.25	1.50	1.75	2.00							
.190-32 (#10-32)	HFE	032	8	12	16	20	24	28	32	.040	.190	.280	.357	.102	.048	.360
.250-20 (1/4-20)	HFE	0420	8	12	16	20	24	28	32	.040	.250	.340	.462	.118	.060	.470
	THFE									.031				.109	.069	.446
.313-18 (5/16-18)	HFE	0518	8	12	16	20	24	28	32	.060	.312	.402	.586	.133	.083	.560
	THFE									.031				.117	.099	.596

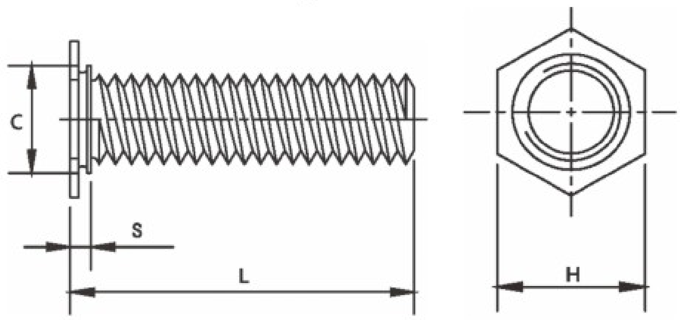
Tensile strength: 120 Mpa

六角压铆螺钉 STUDS(HEXAGON HEAD)

NFH	M3	12	ZI
型号 Type	螺纹代号 Thread code	规格代号 Shank code	镀层代号 Finish code

安装方法INSTALLATION





ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸X螺距 Thread Size X Pitch	型号 Type		螺纹代号 Thread Code	长度代号 Length Code "L"±0.4 (Lengthcode In Millimeters)									最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080-.000	H ±0.4	S Max	孔中心到板边最小距离 Min Dist HoleC/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels															
M3×0.5	NFH	NFHS	M3	6	8	10	12	15	18	20	25	/	1.0	4.8	6	1.25	5.4
M4×0.7	NFH	NFHS	M4	6	8	10	12	15	18	20	25	30	1.0	4.8	6	1.25	7.2
M5×0.8	NFH	NFHS	M5	/	8	10	12	15	18	20	25	30	1.0	5.0	6.35	1.25	7.2
M6×1	NFH	NFHS	M6	/	/	10	12	15	18	20	25	30	1.6	6.0	7	1.4	7.9

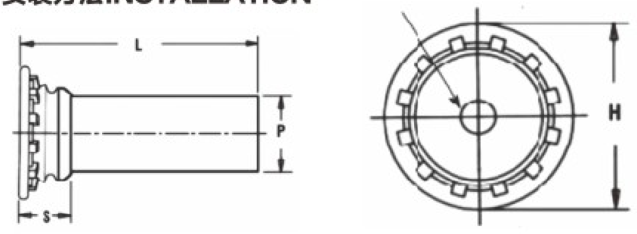
ALL DIMENSION ARE IN INCHES(均以英寸单位)

螺纹尺寸 Thread Size	型号 Type		螺纹代号 Thread Code	长度代号 Length Code "L" ±.015 (Length code In 16 Ths of An Inch)									最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.003-.000	H ±0.15	S Max	孔中心到板边最小距离 Min Dist HoleC/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels															
.112-40 (#4-40)	NFH	NFHS	440	4	5	6	8	10	12	14	16	/	.042	.111	.176	.045	.230
.138-32 (#6-32)	NFH	NFHS	632	4	5	6	8	10	12	14	16	20	.042	.137	.206	.045	.250
.164-32 (#8-32)	NFH	NFHS	832	4	5	6	8	10	12	14	16	20	.042	.163	.237	.045	.300
.190-24 (#10-24)	NFH	NFHS	024	/	5	6	8	10	12	14	16	20	.042	.189	.256	.045	.300
.190-24 (#10-32)	NFH	NFHS	032	/	5	6	8	10	12	14	16	20	.045	.189	.256	.047	.300
.250-20 (#1/4-32)	NFH	NFHS	0420	/	/	6	8	10	12	14	16	20	.065	.249	.337	.067	.350

无牙压铆钉 SELF-CLINCHING STUDS AND PINS

FH	S	094	6	ZI
型号 Type	材料代号 Materiat code	销直径代码 Pin diameter code	长度代号 Length code	镀层代号 Finish code

安装方法INSTALLATION



NOTE:
With (1) Pin diameter may exceed max. in this region.
注:
带(1)在此区域销直径可能超过最大值。

ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

销直径 Pin Diameter P±0.05	型号 Type			直径代号 Pin Diameter Code	长度代号 Length Code "L"±0.4 (Lengthcode In Millimeters)										最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +0.08	H ±0.4	S Max (1)	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels	铝 Aluminium																
3	FH	FHS	FHA	3MM	6	8	10	12	15	18	20	25	30	/	1	3.5	5.3	2.3	6.4
4	FH	FHS	FHA	4MM	/	8	10	12	15	18	20	25	30	35	1	4.1	6	2.3	7.1
5	FH	FHS	FHA	5MM	/	8	10	12	15	18	20	25	30	35	1	5.5	7.5	2.55	7.6

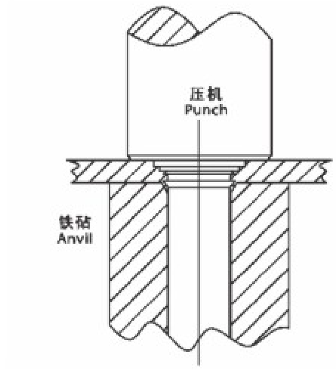
ALL DIMENSION ARE IN INCHES(均以英寸单位)

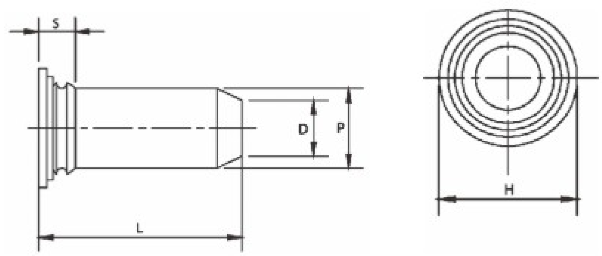
销直径 Pin Diameter P±0.05	型号 Type			直径代号 Pin Diameter Code	长度代号 Length Code "L"±0.15 (Lengthcode In Millimeters)										最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080-.000	H ±0.15	S Max (1)	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels	铝 Aluminium		.250	.312	.375	.500	.625	.750	.875	1.00	1.25	1.50					
.073	FH	FHS	FHA	073	4	5	6	8	10	/	/	/	/	/	.040	.085	.15	.075	.19
.084	FH	FHS	FHA	084	4	5	6	8	10	12	/	/	/	/	.040	.099	.16	.085	.22
.094	FH	FHS	FHA	094	4	5	6	8	10	12	/	/	/	/	.040	.111	.18	.085	.22
.103	FH	FHS	FHA	103	4	5	6	8	10	12	/	/	/	/	.040	.118	.18	.085	.22
.106	FH	FHS	FHA	106	4	5	6	8	10	12	14	16	20	/	.040	.125	.19	.090	.22
.116	FH	FHS	FHA	116	4	5	6	8	10	12	14	16	20	/	.040	.137	.21	.090	.25
.120	FH	FHS	FHA	120	4	5	6	8	10	12	14	16	20	24	.040	.137	.21	.090	.25
.137	FH	FHS	FHA	137	4	5	6	8	10	12	14	16	20	24	.040	.157	.23	.090	.28
.141	FH	FHS	FHA	141	4	5	6	8	10	12	14	16	20	24	.040	.163	.24	.090	.28
.160	FH	FHS	FHA	160	4	5	6	8	10	12	14	16	02	24	.040	.189	.26	.100	.28
.167	FH	FHS	FHA	167	4	5	6	8	10	12	14	16	02	24	.040	.189	.26	.100	.28
.173	FH	FHS	FHA	173	/	5	6	8	10	12	14	16	02	24	.040	.197	.26	.100	.28
.207	FH	FHS	FHA	207	/	5	6	8	10	12	14	16	20	24	.062	.236	.32	.135	.31
.215	FH	FHS	FHA	215	/	/	/	8	10	12	14	16	20	24	.062	.250	.34	.135	.31
.223	FH	FHS	FHA	223	/	/	/	8	10	12	14	16	20	24	.062	.250	.34	.135	.31
.273	FH	FHS	FHA	273	/	/	/	8	10	12	14	16	20	24	.093	.312	.38	.160	.38
.281	FH	FHS	FHA	281	/	/	/	8	10	12	14	16	20	24	.093	.312	.38	.160	.38

平头定位销 FLUSH-MOUNTED PILOT PINS

TPS	187	16
型号 Type	螺纹代号 Thread code	规格代号 Shank code

安装方法INSTALLATION





材质，表面处理和适用范围Material,Finish and For use in sheet Hardness

TPS用300不锈钢制造，钝化和/或按ASTMA380测试。适用板材硬度等于或小于HRB70.
Typs TPS are made of 300 series stainless steelpassivaed,and/or tested per ASTM A330.
For usein sheet hardness of 70 or less on the Rockwell"B"Scale.

ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

销直径 Pin Diameter P±0.05	型号 Type	直径代号 Pin Diameter Code	长度代号 Length Code "L"±0.4 (Lengthcode In Millimeters)					最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080-.000	D ±0.15	H ±0.4	S Max	孔中心到板边最小距离 Min Dist HoleC/LTo Edge
3	TPS	3MM	8	10	12	16	/	1	3.5	2.11	5.2	2.29	6.4
4	TPS	4MM	8	10	12	16	/	1	4.5	2.82	6.12	2.29	7.1
5	TPS	5MM	/	10	12	16	20	1	5.5	3.53	7.19	2.29	7.6
6	TPS	6MM	/	/	12	16	20	1	6.5	4.24	8.13	2.29	7.9

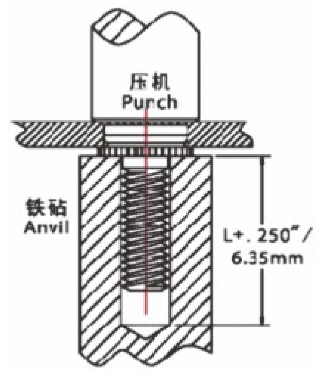
ALL DIMENSION ARE IN INCHES(均以英寸单位)

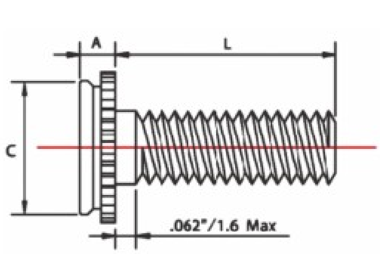
销直径 Pin Diameter P±.002	型号 Type	直径代号 Pin Diameter Code	长度代号 Length Code "L" ±.015 (Length code In 16 Ths of An Inch)					最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080-.000	D ±.006	H ±.015	S Max	孔中心到板边最小距离 Min Dist HoleC/LTo Edge
			.375	.500	.625	.750	1.00						
.125	TPS	125	6	8	10	12	/	.040	.144	.090	.205	.060	.250
.187	TPS	187	6	8	10	12	16	.040	.205	.132	.270	.060	.280
.250	TPS	250	/	8	10	12	16	.040	.272	.177	.335	.060	.310

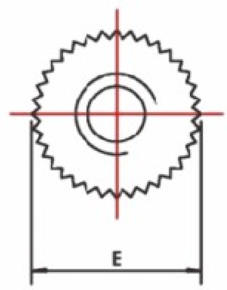
埋头螺钉 CONCEALED-HEAD STUDS

CFHC	632	16
型号 Type	螺纹代号 Thread code	规格代号 Shank code

安装方法INSTALLATION







Materials 材料

型号:6061铝

Type CHA/CFHA:ALuminum 6061

型号:300系列不锈钢

Type CHC/CFHC:300 Seriers Stainless Steel

Finishes 镀层

Type CHA/CFHA:无色None

Type CHC/CFHC:纯化Passivation

备注:盲孔的深度有可能比板材的最小深度深，但紧固件的安装要保证和板相齐平。
NOTE:
The depth of the blind hole may be deeper than the minimum depth of the plate, but the fastener shall be installed flush with the plate .

ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type 不锈钢 Stainless Steels	型号 Type 铝 Aluminium	螺纹代号 Thread Code	长度代号 Length Code "L"±0.4 (Lengthcode In Millimeters)							最小板厚 Minimum Plate Thickness	开孔尺寸 BlindMounting +.080-.000	开孔深度 Min Depth Of BlindHole	A Max	E ±0.25	C Max	连接零件的孔最大尺寸 Max Hole In Attached Parts	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge
M3×0.5	CHC	CHA	M3	6	8	10	12	16	20	/	1.6	4.37	1.1	1.04	5.21	4.35	4	3.6
	CFHC	CFHA									2.4		1.91	1.8				
M4×0.7	CHC	CHA	M4	/	8	10	12	16	20	25	1.6	7.37	1.1	1.04	8.33	7.35	5.6	4.6
	CFHC	CFHA									2.4		1.91	1.8				
M5×0.8	CHC	CHA	M5	/	/	10	12	16	20	25	1.6	7.93	1.1	1.04	8.89	7.9	6.4	5.6
	CFHC	CFHA									2.4		1.91	1.8				

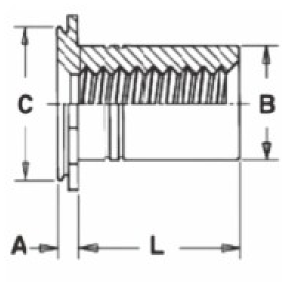
ALL DIMENSION ARE IN INCHES(均以英寸单位)

螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type 不锈钢 Stainless Steels	型号 Type 铝 Aluminium	螺纹代号 Thread Code	长度代号 Length Code "L" ±0.015 (Length code In 16 Ths of An Inch)						最小板厚 Minimum Plate Thickness	开孔尺寸 BlindMounting +.003-.000	开孔深度 Min Depth Of BlindHole	A Max	E ±0.25	C Max	连接零件的孔最大尺寸 Max Hole In Attached Parts	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge
.112-40	CHC	CHA	440	4	6	8	10	12	/	.062	.172	.043	.041	.205	.171	.156	.135
(#4-40)	CFHC	CFHA								.093		.075	.071				
.138-32	CHC	CHA	632	4	6	8	10	12	16	.062	.213	.043	.041	.250	.212	.188	.160
(#6-32)	CFHC	CFHA								.093		.075	.071				
.164-32	CHC	CHA	832	4	6	8	10	12	16	.062	.290	.043	.041	.328	.289	.219	.185
(#8-32)	CFHC	CFHA								.093		.075	.071				
.190-32	CHC	CHA	032	/	6	8	10	12	16	.062	.312	.043	.041	.350	.311	.250	.210
(#10-32)	CFHC	CFHA								.093		.075	.071				

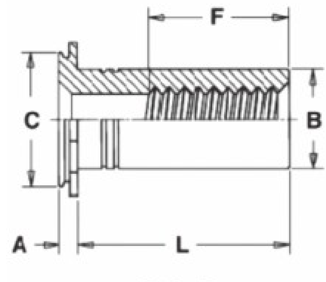
埋头螺母柱 CONCEALED-HEAD STANDOFFS

CSOS	M4	8
型号 Type	螺纹代号 Thread code	规格代号 Shank code

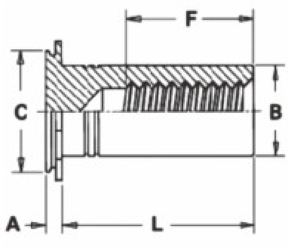
安装方法INSTALLATION



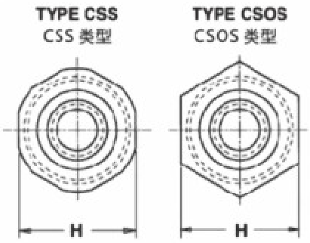
Style #1



Style #2



Style #3



NOTE:
(1) Style #1. Minimum thread length is equal to barrel length "L". Screw might not passthrough shank end. Screws with lengths exceeding "L" should not be used or theymay cause
"jacking-out" of standoff from the sheet.
(2) Style #2. Screw might not pass through unthreaded end. Screws with lengthsexceeding "L" should not be used or they may cause "jacking-out" of standoff fromthe sheet.
(3) Style #3. Blind.

备注:
1.一般做通孔通牙，也可做盲孔。
2.可通牙，可不通牙。
3.盲孔

ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸 X螺距 Thread Size X Pitch	不锈钢 Stainless Steels	螺纹代号 Thread Code	长度 Length Code "L" +0.05-0.13 Length code In Millimeters								最小板厚 Minimum Plate Thickness	最小底孔直径 Blind Mounting Hole Diameter +0.08	最小底孔深度 Min.Depth of Blind Hole(4)	最小牙深度 Min.depth Full Thread F	A (Shank) Max	B Max (5)	C Max	H Non	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge
M3×0.5	CSS	M3	4[1]	6[1]	8[2]	10[3]	12[3]	16[3]	20[3]	25[3]	1.6	5.41	1.1	5	1.04	4.2	5.39	6.35	4.8
	CSOS				8[3]						2.4		1.91		1.83				
M4×0.7	CSS	M4	4[1]	6[1]	8[2]	10[2]	12[3]	16[3]	20[3]	25[3]	1.6	7.92	1.1	6.5	1.04	6.23	7.9	8.74	6.4
	CSOS					10[3]					2.4		1.91		1.83				
M5×0.8	CSS	M5	4[1]	6[1]	8[1]	10[2]	12[3]	16[3]	20[3]	25[3]	1.6	8.74	1.1	9.6	1.04	7.37	8.72	9.53	7.2
	CSOS										2.4		1.91		1.83				
M6×1	CSOS	M6	4[1]	6[1]	8[1]	10[2]	12[3]	16[3]	20[3]	25[3]	2.4	9.9	1.91	9.6	1.83	9	9.89	11.11	9.5

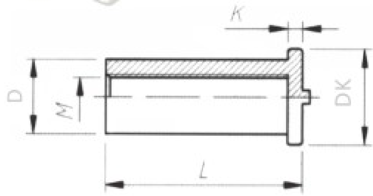
ALL DIMENSION ARE IN INCHES(均以英寸单位)

螺纹尺寸 X螺距 Thread Size X Pitch	不锈钢 Stainless Steels	螺纹代号 Thread Code	长度 Length Code "L" +0.05-0.13 Length code In Millimeters								最小板厚 Minimum Plate Thickness	最小底孔直径 Blind Mounting Hole Diameter +0.08	最小底孔深度 Min.Depth of Blind Hole(4)	最小牙深度 Min.depth Full Thread F	A (Shank) Max	B Max (5)	C Max	H Non	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge
			.187	.250	.312	.375	.500	.625	.750	1.00									
.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				

种焊螺母 SEAI NUT

ITR-M3-10

ITR ITS



螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type		螺纹号 Thread Code	长度代号 Length Code "L"±0.5 (Lengthcode In Millimeters)	D ±0.5	DK ±0.3	K ±0.2
	铁 Iron	不锈钢 Stainless Steels					
M3×0.5	ITR	ITS	M3	6 8 10 12 15 20 25	5.0	6.5	1.0
M4×0.7	ITR	ITS	M4	6 8 10 12 15 20 25	6.0	7.5	1.0
M5×0.8	ITR	ITS	M5	10 12 15 20 25	7.0	8.5	1.0
M6×1.0	ITR	ITS	M6	12 15 20 25	8.0	9.5	1.0

螺纹尺寸 Thread Size	型号 Type		螺纹号 Thread Code	长度代号 Length Code "L"±0.2 (Lengthcode In Millimeters)	D ±0.5	DK ±0.3	K ±0.2
	铁 Iron	不锈钢 Stainless Steels					
#6-32	ITR	ITS	632	.236、.315、.394、.472、.590、.787、.984	.197	.256	.035
#8-32	ITR	ITS	832	.236、.315、.394、.472、.590、.787、.984	.236	.295	.035
#10-32	ITR	ITS	032	.394、.472、.590、.787、.984	.276	.335	.035
1/4-20	ITR	ITS	0420	.472、.590、.787、.984	.315	.374	.035

NOTE:
we can produce other size and special shape products according to the customer's requestsoutside this table.
Material : Stainless steel, low carbon steel, copper, aluminum .

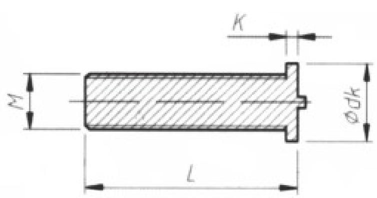
备注:
可根据客户需要生产本规格表以外尺寸及特殊形状的种焊螺母。
材质:不锈钢、低碳钢、铜、铝。

种焊螺钉 SEAI SCREW

PT-M3-10

PT PTS

螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type		螺纹号 Thread Code	长度代号 Length Code "L"±0.5 (Lengthcode In Millimeters)	DK ±0.3	K ±0.2
	铁 Iron	不锈钢 Stainless Steels				
M3×0.5	PT	PTS	M3	6 8 10 12 15 16 18 20 25 30 35 40 45 50	4.5	0.9
M4×0.7	PT	PTS	M4	6 8 10 12 15 16 18 20 25 30 35 40 45 50	5.5	0.9
M5×0.8	PT	PTS	M5	6 8 10 12 15 16 18 20 25 30 35 40 45 50	6.5	1
M6×1.0	PT	PTS	M6	8 10 12 15 16 18 20 25 30 35 40 45 50	7.5	1
M8×1.25	PT	PTS	M8	10 12 15 16 18 20 25 30 35 40 45 50	9.5	1.1
M10×1.5	PT	PTS	M10	10 12 15 16 18 20 25 30 35 40 45 50	11.5	1.1
M12×1.75	PT	PTS	M12	15 16 18 20 25 30 35 40 45 50	13.5	1.1



UINT:inch

螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type		螺纹号 Thread Code	长度代号 Length Code "L"±0.2 (Lengthcode In Millimeters)	DK ±.012	K ±.008
	铁 Iron	不锈钢 Stainless Steels				
#6-32	PT	PTS	632	.236、.315、.394、.472、.590、.629、.707、.787、.984、1.181、1.575、1.772、1.968、2.165、2.205	.177	.035
#8-32	PT	PTS	832	.236、.315、.394、.472、.590、.629、.707、.787、.984、1.181、1.575、1.772、1.968、2.165、2.205	.215	.035
#10-24	PT	PTS	024	.236、.315、.394、.472、.590、.629、.707、.787、.984、1.181、1.575、1.772、1.968、2.165、2.205	.256	.039
1/4-20	PT	PTS	0420	.315、.394、.472、.590、.629、.707、.787、.984、1.181、1.575、1.772、1.968、2.165、2.205	.295	.039
5/16-18	PT	PTS	0518	.394、.472、.590、.629、.707、.787、.984、1.181、1.575、1.772、1.968、2.165、2.205	.374	.043
3/8-16	PT	PTS	0619	.394、.472、.590、.629、.707、.787、.984、1.181、1.575、1.772、1.968、2.165、2.205	.453	.043
1/2-13	PT	PTS	0813	.590、.629、.707、.787、	.531	.043

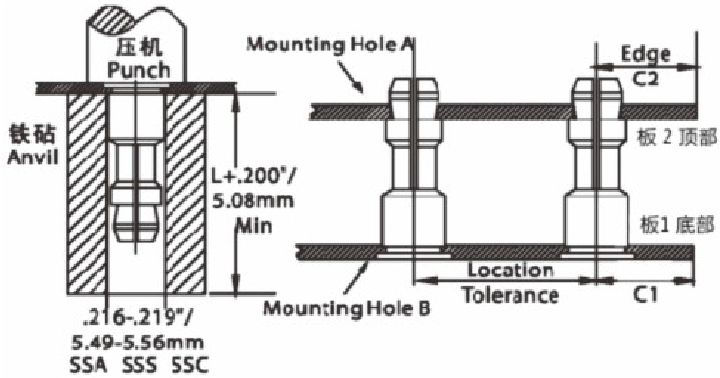
NOTE:
we can produce other size and special shape products according to the customer's requestsoutside this table.
Material : Stainless steel, low carbon steel, copper, aluminum .

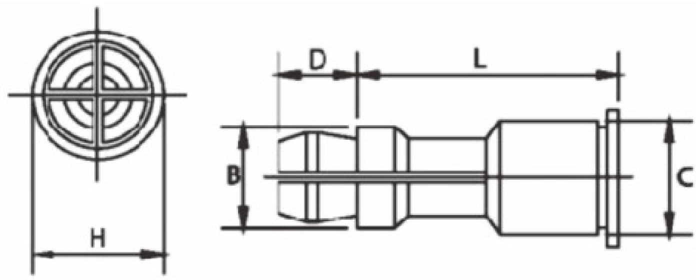
备注:
可根据客户需要生产本规格表现外尺寸及特殊形状的种焊螺钉。
材质:不锈钢、低碳钢、铜、铝。

支撑卡柱SNAP-TOP STANDOFFS

SSC	156	16
型号 Type	螺纹代号 Thread code	规格代号 Shank code

安装方法INSTALLATION





ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

铝 Aluminium	碳钢 Carbon Steel	不锈钢 Stainless Steels	顶板孔尺寸代号 Top Panel Hole Diameter Code	长度 L±0.13 Length In Millimeters									B ±0.13	C Max	P ±0.13	H ±0.13
SSA	SSS	SSC	4MM	8	10	12	14	16	18	20	22	25	4.78	5.38	3.58	6.35

ALL DIMENSION ARE IN INCHES(均以英寸单位)

铝 Aluminium	碳钢 Carbon Steel	不锈钢 Stainless Steels	顶板孔尺寸代号 Top Panel Hole Diameter Code	长度 L±.013 Length code In 32 Nds of An Inch										B ±0.13	C Max	P ±0.13	H ±0.13
				.250	.312	.375	.437	.500	.562	.625	.750	.875	1.00				
SSA	SSS	SSC	156	8	10	12	14	16	18	20	24	28	32	.188	.212	.141	.250

ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

<table>
<tr><th colspan="7">板材1 Panel 1</th><th colspan="5">板材2 Panel 2</th></tr>
<tr><th>型号 Type</th><th>底板孔尺寸 Bottom Mounting Hole B+.080</th><th>板材质 Panel Material</th><th>最大硬度 Hardness Max</th><th>最小厚度 Thickness Min</th><th>最小边线距离 Edgedis ance C Min</th><th>最大偏差 Location Tolerance Max</th><th>顶板孔尺寸 Top Mounting Hole B+.080-000</th><th>板材质 Panel Material</th><th>最大硬度 Hardness Max</th><th>厚度范围 Thickness Max</th><th>最小边线距离 Edgedis ance C_2 Min</th></tr>
<tr><td>SSA</td><td rowspan="3">5.41</td><td rowspan="3">金属 METAL</td><td>HRB50</td><td rowspan="3">1</td><td rowspan="3">6.6</td><td rowspan="3">±0.13</td><td rowspan="3">4</td><td rowspan="3">PC板或金属 PC BOARDOR METAL</td><td rowspan="3">无限制 NO LIMIT</td><td rowspan="3">1-1.8</td><td rowspan="3">2.54</td></tr>
<tr><td>SSS</td><td>HRB60</td></tr>
<tr><td>SSC</td><td>HRB70</td></tr>
</table>

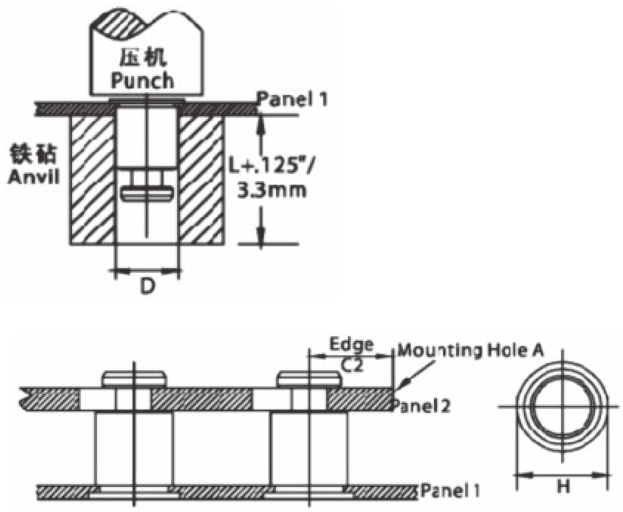
ALL DIMENSION ARE IN INCHES(均以英寸单位)

<table>
<tr><th colspan="7">板材1 Panel 1</th><th colspan="5">板材2 Panel 2</th></tr>
<tr><th>型号 Type</th><th>底板孔尺寸 Bottom Mounting Hole B+.080-.000</th><th>板材质 Panel Material</th><th>最大硬度 Hardness Max</th><th>最小厚度 Thickness Min</th><th>最小边线距离 Edgedis ance C_1 Min</th><th>最大偏差 Location Tolerance Max</th><th>顶板孔尺寸 Top Mounting Hole B+.003-000</th><th>板材质 Panel Material</th><th>最大硬度 Hardness Max</th><th>厚度范围 Thickness Max</th><th>最小边线距离 Edgedis ance C_2 Min</th></tr>
<tr><td>SSA</td><td rowspan="3">+.003-.000</td><td rowspan="3">金属 METAL</td><td>HRB50</td><td rowspan="3">.040</td><td rowspan="3">.260</td><td rowspan="3">±.005</td><td rowspan="3">.156</td><td rowspan="3">PC板或金属 PC BOARDOR METAL</td><td rowspan="3">无限制 NO LIMIT</td><td rowspan="3">0.40-.070</td><td rowspan="3">.100</td></tr>
<tr><td>SSS</td><td>HRB60</td></tr>
<tr><td>SSC</td><td>HRB70</td></tr>
</table>

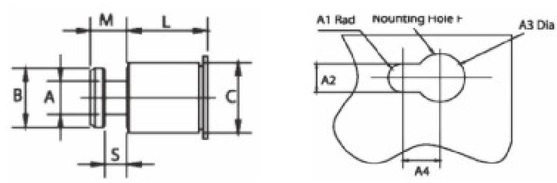
定位支撑柱 KEYHOLE STANDOFFS

SKC	6060	8
型号 Type	螺纹代号 Thread code	规格代号 Shank code

安装方法INSTALLATION



材质:300系列不锈钢
Material:300 Series Stainless steel
表面处理:钝化和/或按ASTMA380测试
Finish: Passivated anc /or tested per ASTM A380



ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

型号 Type	尺寸 Body SizeSheet Code	长度 L±0.13 Length In Millimeters										A ±0.08	B ±0.08	C Max	S ±0.08	M Max	H 公称 Nom	D Anvil Hole +0.08-.000
SKC	61.5	6	8	10	12	14	16	18	20	22	25	2.5	4.5	5.38	1.72	2.75	6.35	5.5

ALL DIMENSION ARE IN INCHES(均以英寸单位)

型号 Type	尺寸 Body SizeSheet Code	长度 L±0.005 Length Code In Inches											A ±0.003	B ±0.003	C Max	S ±0.003	M Max	H 公称 Nom	D Anvil Hole +.003-.000
		.188	.250	.312	.375	.437	.500	.562	.625	.750	.875	1.00							
SKC	6060	6	8	10	12	14	16	18	20	24	28	32	.099	.177	.212	.068	.108	.250	.216

ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

板材1 Panel 1						板材2 Panel 2						
型号 Type	底板孔尺寸 Bottom Mounting Hole B+.080	最大硬度 Hardness Max	最小厚度 Thickness Min	最小边线距离 Edgedis ance C Min	最大偏差 Location Tolerance Max	顶板孔尺寸 Top Mounting Hole B+.080-000				板材质 Panel Material	厚度范围 Thickness Max	最小边线距离 Edgedis ance C_2 Min
						A_1	A_2	A_3	A_4			
SKC	5.41	HRB70	1	6.6	±0.13	1.5	3	5	3.75	PC板或金属 PC BOARDOR METAL	1.45-1.62	4.1

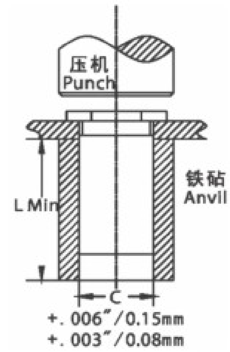
ALL DIMENSION ARE IN INCHES(均以英寸单位)

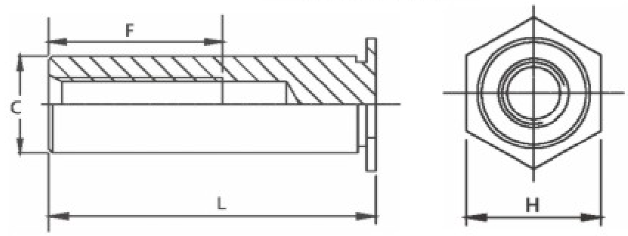
板材1 Panel 1						板材2 Panel 2						
型号 Type	底板孔尺寸 Bottom Mounting Hole B+.080-.000	最大硬度 Hardness Max	最小厚度 Thickness Min	最小边线距离 Edgedis ance C Min	最大偏差 Location Tolerance Max	顶板孔尺寸 Top Mounting Hole B+.080-000				板材质 Panel Material	厚度范围 Thickness Max	最小边线距离 Edgedis ance C_2 Min
						A_1	A_2	A_3	A_4			
SKC	.213	HRB70	.040	.260	±.005	.059	.118	.197	.148	PC板或金属 PC BOARDOR METAL	.057-.064	.160

盲孔螺母柱 BLIND THREADED STANGOFFS

BSO	M3	8	ZU
型号 Type	螺纹代号 Thread code	规格代号 Shank code	镀层代号 Finish code

安装方法INSTALLATION





NOTE:
We can offer hard through hole standoffs (BOS4) for press fitting of stainless steel plates Calculation method of actual length of imperial stud: Actual length (L)= length code (L)/32X25.4

备注:
我们可以提供用于不锈钢板压装的硬质通孔螺母柱（BOS4)系列产品,
英制螺柱实际长度计算方法：实际长度（L）=长度代号（L)/32X25.4

ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸 Thread Size	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +0.80-.000	C +0.00-0.13	H 公称尺寸 Nom	孔芯到板边沿最小距离 Min Dist HoleC/LTo Edge
M3	1.00	4.20	4.18	4.75	6
3.5 M3	1.00	5.40	5.38	6.35	7.1
M4	1.30	6.00	5.98	7.0	7.5
3.5M4	1.30	7.20	7.12	8.0	8.4
M5	1.30	7.20	7.12	8.0	8.4
M6	1.30	8.75	8.72	10	13

ALL DIMENSION ARE IN INCHES(均以英寸单位)

螺纹尺寸 Thread Size	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +0.03-.000	C +0.00-.005	H 公称尺寸 Nom	孔芯到板边沿最小距离 Min Dist HoleC/LTo Edge
440	.040	.166	.165	.187	.23
6440	.040	.213	.212	.250	.28
632	.040	.213	.212	.250	.28
8632	.050	.281	.280	.312	.33
832	.050	.281	.280	.312	.33
032	.050	.281	.280	.312	.33

ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

<table>
<tr><th rowspan="2">螺纹尺寸
X螺距
Thread
Size X Pitch</th><th colspan="3">型号 Type</th><th rowspan="2">螺纹代号
Thread
Code</th><th colspan="10" rowspan="2">长度
L+0.05-0.13 Length Code In Millimeters</th></tr>
<tr><th>碳钢
Carbon
Steel</th><th>不锈钢
Stainless
Steels</th><th>铝
Aluminium</th></tr>
<tr><td rowspan="2">M3×0.5</td><td rowspan="2">BSO</td><td rowspan="2">BSOS</td><td rowspan="2">BSOA</td><td>M3</td><td rowspan="2">6</td><td rowspan="2">8</td><td rowspan="2">10</td><td rowspan="2">12</td><td rowspan="2">14</td><td rowspan="2">16</td><td rowspan="2">18</td><td rowspan="2">20</td><td rowspan="2">22</td><td rowspan="2">25</td></tr>
<tr><td>3.5 M3</td></tr>
<tr><td rowspan="2">M4×0.7</td><td rowspan="2">BSO</td><td rowspan="2">BSOS</td><td rowspan="2">BSOA</td><td>M4</td><td rowspan="4">6</td><td rowspan="4">8</td><td rowspan="4">10</td><td rowspan="4">12</td><td rowspan="4">14</td><td rowspan="4">16</td><td rowspan="4">18</td><td rowspan="4">20</td><td rowspan="4">22</td><td rowspan="4">25</td></tr>
<tr><td>3.5M4</td></tr>
<tr><td>M5×0.8</td><td>BSO</td><td>BSOS</td><td>BSOA</td><td>M5</td></tr>
<tr><td>M6X1.0</td><td>BSO</td><td>BSOS</td><td>BSOA</td><td>M6</td></tr>
<tr><td colspan="5">FDIMENSION MIN F最小尺寸</td><td>3.2</td><td colspan="2">4</td><td>5</td><td colspan="2">6.5</td><td colspan="4">9.5</td></tr>
</table>

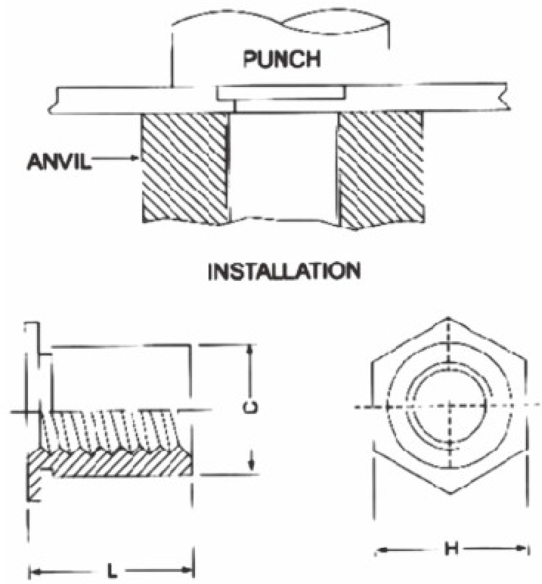
ALL DIMENSION ARE IN INCHES(均以英寸单位)

<table>
<tr><th rowspan="3">螺纹尺寸
X螺距
Thread
Size X Pitch</th><th colspan="3">型号 Type</th><th rowspan="3">螺纹代号
Thread
Code</th><th colspan="13">长度
L+0.003 Length Code In 32 Nds of An Inch</th></tr>
<tr><th rowspan="2">碳钢
Carbon
Steel</th><th rowspan="2">不锈钢
Stainless
Steels</th><th rowspan="2">铝
Aluminium</th><th>.312</th><th>.375</th><th>.500</th><th>.562</th><th>.687</th><th>.750</th><th>.812</th><th>.875</th><th>.437</th><th>.625</th><th>.937</th><th>1.00</th><th>1.062</th></tr>
<tr></tr>
<tr><td>.112-40
(#4-40)</td><td>BSO</td><td>BSOS</td><td>BSOA</td><td>440
6440</td><td>10</td><td>12</td><td>14</td><td>16</td><td>18</td><td>20</td><td>22</td><td>24</td><td>26</td><td>28</td><td>30</td><td>32</td><td>34</td></tr>
<tr><td>.138-32
(#6-32)</td><td>BSO</td><td>BSOS</td><td>BSOA</td><td>632
8632</td><td>10</td><td>12</td><td>14</td><td>16</td><td>18</td><td>20</td><td>22</td><td>24</td><td>26</td><td>28</td><td>31</td><td>32</td><td>34</td></tr>
<tr><td>.164-32
(#8-32)</td><td>BSO</td><td>BSOS</td><td>BSOA</td><td>832</td><td>10</td><td>12</td><td>14</td><td>16</td><td>18</td><td>20</td><td>22</td><td>24</td><td>26</td><td>28</td><td>30</td><td>32</td><td>34</td></tr>
<tr><td>.190-32
(#10-32)</td><td>BSO</td><td>BSOS</td><td>BSOA</td><td>032</td><td>10</td><td>12</td><td>14</td><td>16</td><td>18</td><td>20</td><td>22</td><td>24</td><td>26</td><td>28</td><td>30</td><td>32</td><td>34</td></tr>
<tr><td colspan="5">FDIMENSION MIN F最小尺寸</td><td colspan="2">.156</td><td>.187</td><td colspan="3">.250</td><td colspan="7">.375</td></tr>
</table>

通孔通牙螺母柱THRU-HOLEAND THREADED STANDOFFS

SOO	M3	12	Z1
型号和材料 Type And Material	螺纹代号 Thread code	长度代码 Length Code	镀层代号 Finish code

安装方法INSTALLATION



ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type		螺纹代号 Thread Code	长度 "L"+0.05/-0.13Length Code In Millimeters	最小板厚 Minimum Plate Thickness	板安装孔径 Hole Size In Sheet +0.08	C -0.13	H Nom
	钢 Steel	不锈钢 Stainless Steels						
M3×0.5	SOO	SOOS	M3	4 6 7 8 9 10 12	1	4.2	4.18	4.75
			3.5M3		1	5.4	5.38	6.35
M4×0.7	SOO	SOOS	M4		1	6.0	5.95	7
			3.5M4		1.3	7.2	7.11	8
M5×0.8	SOO	SOOS	M5		1.3	7.2	7.11	8
M6×10	SOO	SOOS	M6		1.3	8.75	8.72	10

ALL DIMENSION ARE IN INCHES(均以英寸单位)

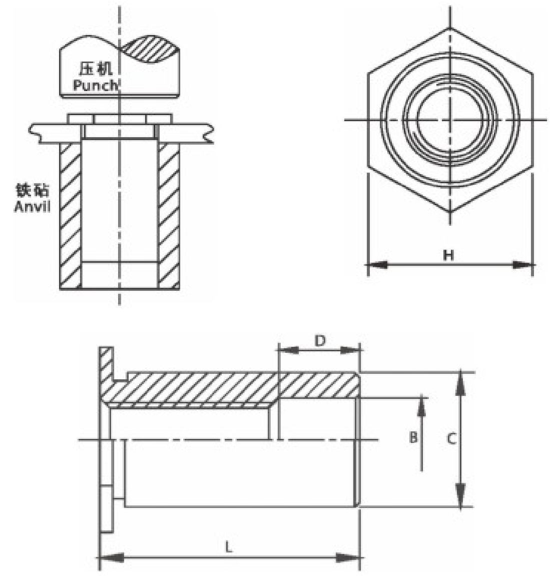
螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type		螺纹代号 Thread Code	长度 "L"+.002/-.005Length Code In 32nds Of An Inch	最小板厚 Minimum Plate Thickness	板安装孔径 Hole Size In Sheet +.003	C -.005	H Nom
	钢 Steel	不锈钢 Stainless Steels						
.112-40 [#4-40]	SOO	SOOS	440	4 6 8 10 12 14 16	.040	.166	.165	.187
			6440		.040	.213	.212	.250
138-32 [#8-32]	SOO	SOOS	632		.040	.213	.212	.250
			8632		.050	.281	.280	.315
.164-32 [#8-32]	SOO	SOOS	832		.050	.281	.280	.315
.190-32 [#10-32]	SOO	SOOS	032		.050	.281	.280	.315

通孔螺母柱 THRU-HOLE THREAD STANDOFFS

SO	M3	8	ZC
型号 Type	螺纹代号 Thread code	规格代号 Shank code	镀层代号 Finish code

NOTE:
We can offer hard face standoffs (SO4) for press fitting of stainless steel plates
备注:
我们可以提供用于不锈钢板压装的硬质面孔螺母柱（SO4）系列产品

安装方法INSTALLATION



ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸 Thread Size	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +0.80-.000	台阶孔直径 Bcounter -Bore Dia+0.13	C +0.00 -0.13	H 公称尺寸 Nom	孔芯到板边沿最小距离 Min Dist HoleC/LTo Edge
M3	1	4.20	3.2	4.18	4.75	6
3.5 M3	1	5.40	3.2	5.38	6.35	7.1
M4	1	6.00	4.2	5.98	7.0	7.5
3.5M4	1.27	7.2	4.2	7.12	8.0	8.4
M5	1.27	7.2	5.2	7.12	8.0	8.4
M6	1.3	8.75	6.3	8.72	10	13

ALL DIMENSION ARE IN INCHES(均以英寸单位)

螺纹尺寸 Thread Size	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.003-.000	C +0.00 -0.05	H 公称尺寸 Nom	孔芯到板边沿最小距离 Min Dist HoleC/LTo Edge
440	.040	.166	.165	.187	.23
6440	.040	.213	.212	.250	.28
632	.040	.213	.212	.250	.28
8632	.050	.281	.280	.312	.33
832	.050	.281	.280	.312	.33
032	.050	.281	.280	.312	.33

ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸X螺距 Thread Size X Pitch	型号 Type			螺纹代号 Thread Code	长度 L+0.05-0.13 Length Code In Millimeters											
	碳钢 Carbon Steel	不锈钢 Stainless Steels	铝 Aluminium													
M3×0.5	SO	SOS	SOA	M3 3.5 M3	3	4	6	8	10	12	14	16	18	N/A	N/A	N/A
M4×0.7 M5×0.8	SO	SOS	SOA	M4 3.5M4 M5	3	4	6	8	10	12	14	16	18	20	22	25
D Dimension±0.25 D尺寸±0.25					None(无)				4			8			11	

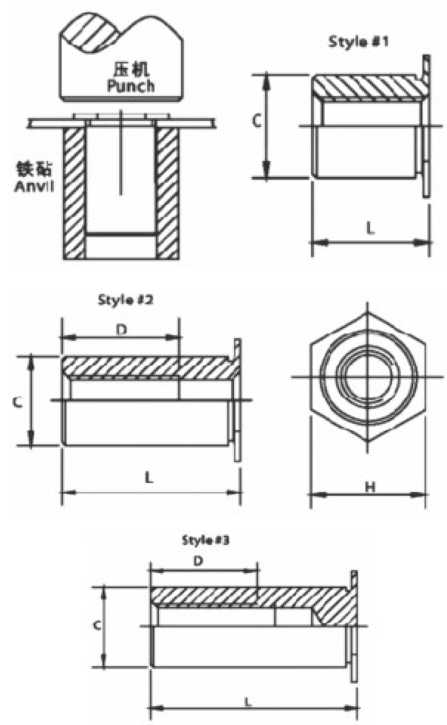
ALL DIMENSION ARE IN INCHES(均以英寸单位)

螺纹尺寸 Thread Size	型号 Type			螺纹代号 Thread Code	长度 L+.002-.005 Length Code In 32 Nds of An Inch															
	碳钢 Carbon Steel	不锈钢 Stainless Steels	铝 Aluminium		.125	.187	.25	.312	.375	.473	.500	.562	.625	.687	.750	.812	.875	.937	1.00	1.062
.112-40 (#4-40)	SO	SOS	SOA	440 6440	4	6	8	10	12	14	16	18	20	22	24	N/A	N/A	N/A	N/A	N/A
.138-32 (#6-32)	SO	SOS	SOA	632 8632	4	6	8	10	12	14	16	18	20	22	24	26	28	31	32	34
.164-32 (#8-32) .190-32 (#10-32)	SO	SOS	SOA	832 032	4	6	8	10	12	14	16	18	20	22	24	26	28	31	32	34
D Dimension±0.010 D尺寸±0.010					None(无)				.187				.312				.437			

薄板螺母柱 THREADED SANDOFFS FOR THINSEET

TSO	M3	8	ZU
型号 Type	螺纹代号 Thread code	规格代号 Shank code	镀层代号 Finish code

安装方法INSTALLATION



NOTE:
Style #1.Thru-threaded.
Style #2.Screw might not pass through unthreaded end. Tapped to minimum fullthread depth shown. Incomplete threads on tap may allow screw to pass through.
Style #3.Blind.
Standoffs with thread codes 6256, 6440, 6M25 and 6M3 offer oversized body forincreased bearing surface, wall thickness and performance.

备注:
通孔通牙
通孔不通牙
盲孔
6256,6440,6M25和6M3的型号的螺柱为大底孔而设计的

ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹代号 Thread Code	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +0.80-.000	C +0.00 -0.13	最小螺纹深度 Min Thread Depth	H 公称尺寸 Nom	孔芯到板边沿最小距离 Min Dist HoleC/LTo Edge
M25	0.63	4.2	4.19	5.2	4.8	5.8
6M25	0.63	5.4	5.39		6.4	7.1
M3	0.63	4.2	4.19	6.2	4.8	5.8
6M3	0.63	5.4	5.39		6.4	7.1
M35	0.63	5.4	5.39	7	6.4	7.1

ALL DIMENSION ARE IN INCHES(均以英寸单位)

螺纹代号 Thread Code	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +0.80-.000	C +0.00 -0.13	最小螺纹深度 Min Thread Depth	H 公称尺寸 Nom	孔芯到板边沿最小距离 Min Dist HoleC/LTo Edge
256	.025	.166	165	.200	.187	.23
6256	.025	.213	.212		.250	.27
440	.025	.166	.165	.220	.187	.23
6440	.025	.213	.212		.250	.27
632	.025	.213	.212	.270	.250	.27

ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type			螺纹代号 Thread Code	长度Length "L" ±0.08 For other lengths / thread depth data see chart at bottom of page										
	铝 Aluminium	钢 Steel	不锈钢 Stainless Steels		2.00	3.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	19.00
					Length Code (Length "L" without decimal point)										
M2.5 × 0.45	TSOA	TSO	TSOS	M25 / 6M25[4]	200[1]	300[1]	400[1]	600[1]	800[2]	1000[3]	1200[3]	1400[3]	1600[3]	1800[3]	1900[3]
M3 × 0.5	TSOA	TSO	TSOS	M3 / 6M3[4]	200[1]	300[1]	400[1]	600[1]	800[2]	1000[2]	1200[3]	1400[3]	1600[3]	1800[3]	1900[3]
M3.5 × 0.6	TSOA	TSO	TSOS	M35	/	300[1]	400[1]	600[1]	800[1]	1000[2]	1200[2]	1400[3]	1600[3]	1800[3]	1900[3]

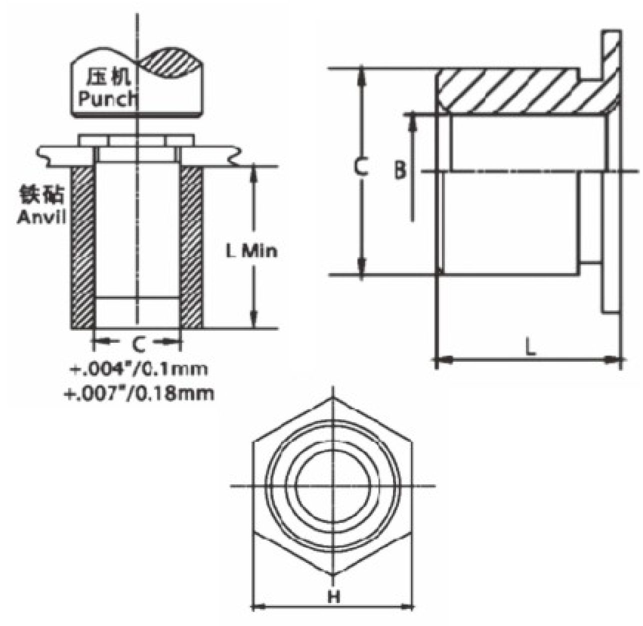
ALL DIMENSION ARE IN INCHES(均以英寸单位)

螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type			螺纹代号 Thread Code	长度Length "L" ±.003 For other lengths / thread depth data see chart at bottom of page											
	铝 Aluminium	钢 Steel	不锈钢 Stainless Steels		.090	.125	.187	.250	.312	.375	.437	.500	.562	.687	.750	.625
					Length Code (Length "L" without decimal point)											
.086-56 (#2-56)	TSOA	TSO	TSOS	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]
.112-40 (#4-40)	TSOA	TSO	TSOS	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]
.138-32 (#6-32)	TSOA	TSO	TSOS	632	/	125[1]	187[1]	250[1]	312[1]	375[2]	437[2]	500[2]	562[3]	625[3]	687[3]	750[3]

光孔螺母柱 THRU-HOLE UNTHREADED STANDOFFS

SO	43.1	8	ZU
型号 Type	螺纹代号 Thread code	规格代号 Shank code	镀层代号 Finish code

安装方法INSTALLATION



ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

光孔代号 Thru-Hole Code	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +0.80-.000	C +0.00 -0.13	H 公称 尺寸 Nom	孔芯到 板边沿 最小距离 Min Dist HoleC/LTo Edge
43.1	1.02	4.2	4.19	4.8	6
63.1	1.02	5.4	5.39	6.35	6.8
63.6	1.02	5.4	5.39	6.35	6.8
83.6	1.27	7.2	7.12	8.0	8
84.1	1.27	7.2	7.12	8.0	8
85.1	1.27	7.2	7.12	8.0	8

ALL DIMENSION ARE ININCHES(均以英寸单位)

光孔代号 Thru-Hole Code	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +0.80-.000	C +0.00 -0.05	H 公称 尺寸 Nom	孔芯到 板边沿 最小距离 Min Dist HoleC/LTo Edge
4116	.040	.166	.165	.187	.23
6116	.040	.213	.212	.250	.27
6143	.040	.213	.212	.250	.27
8143	.050	.281	.280	.312	.31
8169	.050	.281	.280	.312	.31
8194	.050	.281	.280	.312	.31

ALLDIMENSION ARE IN MILLIMETERS(均以mm 单位)

光孔直径 Thru-Hole Diameter +0.1-0.08	型号 Type			加硬不锈钢 Tardened tainless steel	螺纹代号 Thread Code	长度L+0.05-0.13 Length Codein Millimeters									
	碳钢 Carbon Steel	不锈钢 Stainless Steels	铝 Aluminium												
3.1	SO	SOS	SOA	So4	43.1 63.1	3	4	6	8	10	12	14	16	18	20
3.6	SO	SOS	SOA	SO4	63.6 83.6	3	4	6	8	10	12	14	16	18	20
4.1 5.1	SO	SOS	SOA	SO4	84.1 85.1	3	4	6	8	10	12	14	16	18	20

ALL DIMENSION ARE IN INCHES(均以英寸单位)

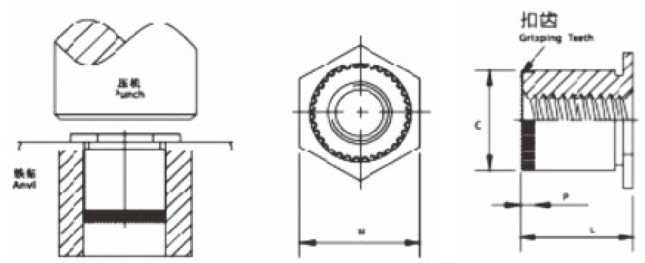
光孔直径 Thru-Hole Diameter +0.1-0.08	型号 Type			加硬不锈钢 Tardened tainless steel	螺纹代号 Thread Code	长度L+0.05-0.13 Length Codein Millimeters										
	碳钢 Carbon Steel	不锈钢 Stainless Steels	铝 Aluminium			.500	.125	.187	.25	.312	.375	.437	.562	.625	.687	.750
.116	SO	SOS	SOA	SO4	4116 6116	4	6	8	10	12	14	16	18	20	22	24
.143	SO	SOS	SOA	SO4	6143 8143	4	6	8	10	12	14	16	18	20	22	24
.169 .194	SO	SOS	SOA	SO4	8169 8194	4	6	8	10	12	14	16	18	20	22	24

接地螺母柱 GROUNDING STANDOFFS

SOSG | 6440 | 8

型号 Type | 螺纹代号 Thread code | 规格代号 Shank code

安装方法INSTALLATION



ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type		螺纹代号 Thread Code	长度代号 Length Code"L"±0.25Length Code In Millimeters						最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080-.000	C +0.00 -0.13	H ±0.25	P Nom	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge	D Anvil Hole +.080-.000
	不锈钢 Stainless Steels	铝 Aluminium														
M3×0.5	SOSG	SOAG	3.5M3	3	4	6	8	10	12	1	5.4	5.39	6.4	0.76	6.8	5.5

ALL DIMENSION ARE IN INCHES(均以英寸单位)

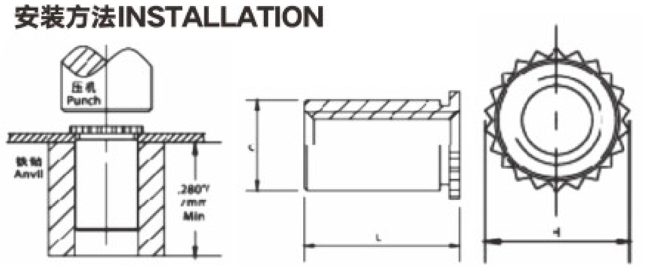
螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type		螺纹代号 Thread Code	长度代号 Length Code "L"+.010-.000Length code In 32 NDS Of AN inch							最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080-.000	C +0.00 -0.13	H ±0.25	P Nom	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge	D Anvil Hole +.003-.000
	不锈钢 Stainless Steels	铝 Aluminium															
.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

压花螺母柱 CONNET’ RWARE FASTENERS

DSOS | 440 | 250

型号 Type | 螺纹代号 Thread code | 规格代号 Shank code

安装方法INSTALLATION



NOTE: We can also produce other size of embossed standoffs according to customer requirements.

备注:我们亦可以根据客户的要求制作其他尺寸规格的压花螺母柱。

ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

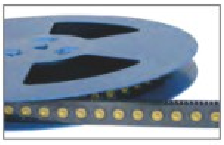
螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type		螺纹代号 Thread Code	长度代号 Length Code	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.080-.000	C Max	H Nom	L +0.05 -0.13	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels								
M3×0.5	DSO	DSOS	M3	6.35 7	0.94-6.35	4.2	4.19	4.92	6.35 7	3.2

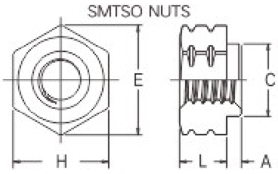
ALL DIMENSION ARE IN INCHES(均以英寸单位)

螺纹尺寸 X螺距 Thread Size X Pitch	型号 Type		螺纹代号 Thread Code	长度代号 Length Code	最小板厚 Minimum Plate Thickness	板安装孔径 Plate Mounting Hole Size +.003-.000	C Max	H Nom	L +0.02 -0.05	孔芯到板边沿是小距离 Min Dist HoleC/LTo Edge
	碳钢 Carbon Steel	不锈钢 Stainless Steels								
.112-40 (#4-40)	DSO	DSOS	440	250 275	.037-.025	.166	.165	.194	.250 .275	.126

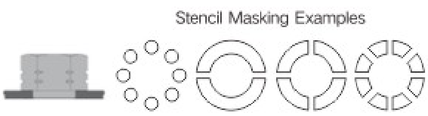
PCB贴片螺母SURFACE MOUNT NUTS AND SPACERS/STANDOFFS

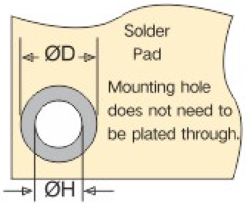
SMTSO	440	8	ET
型号和材料 Type And Material	螺纹码 Thread code	长度码 Length Code	终处理码 Finish Code



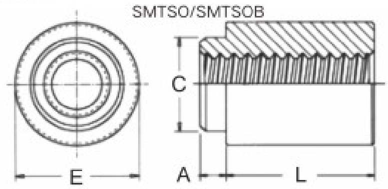


螺纹尺寸:080, S1, S1.2, S1.4 and M1.6
Thread sizes:080, S1, S1.2, S1.4 and M1.6



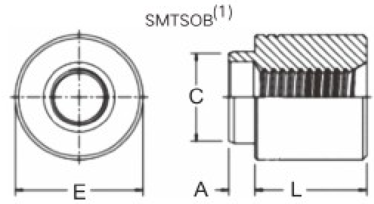


安装方法INSTALLATION



螺纹孔尺寸:2-56, 4-40, 6-32, 8-32, 116, 143, M2, M2.5, M3, M3.5, M4, 3.1, 3.6, and 4.2

Thread hole sizes:2-56, 4-40, 6-32, 8-32, 116, 143, M2, M2.5, M3, M3.5, M4, 3.1, 3.6, and 4.2



NOTE:
Standoffs are available on special order without a pilot that do not require a thru hole for installation.
备注:
根据特殊订单，可提供不带导向器的支座，安装时不需要通孔。

ALL DIMENSION ARE IN INCHES(均以英寸单位)

螺纹尺寸 Thread Size	通孔 ThruHole +.004-.003	型号Type 紧固件材料 Fastener Material 钢 Steel	黄铜 Brass	螺纹或通孔代码 Thread or Thru Hole Code	长度代码 Length Code "L" ±0.05-0.13 (Length code In 32nds of an inch)				最小板厚 Min. Sheet Thickness	A Max	C Max	E 参考 Ref	E ±0.05	H Non	H孔尺寸 ØH Hole SizeIn Sheet +.003-.000	最小焊盘 ØD Min. Solder Pad
.060-80 (#0-80)	-	SMTSO	-	080	2	4	-	-	.020	.019	.095	.144	-	.125-	.098	.165
.086-56 (#2-56)	-	SMTSO	SMTSOB	256	2	4	8[1]	12[1]	.060	.060	.142	-	.219	-	.147	.244
.112-40 (#4-40)	-	SMTSO	SMTSOB	440	2	4	8[1]	12[1]	.060	.060	.161	-	.219	-	.166	.244
.138-32 (#6-32)	-	SMTSO	SMTSOB	632	2	4	8[1]	12[1]	.060	.060	.208	-	.281	-	.213	.306
.164-32 (#8-32)	-	SMTSO	SMTSOB	832	2	4	8[1]	12[1]	.060	.060	.245	-	.344	-	.250	.369
-	.116	SMTSO	SMTSOB	116	2	4	8	12	.060	.060	.161	-	.219	-	.166	.244
-	.143	SMTSO	SMTSOB	143	2	4	8	12	.060	.060	.208	-	.281	-	.213	.306

ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

螺纹尺寸 X螺距 Thread Size X Pitch	通孔 ThruHole +0.10-0.08	型号Type 紧固件材料 Fastener Material 钢 Steel	黄铜 Brass	螺纹或通孔代码 Thread or Thru Hole Code	长度代码 Length Code "L" ±0.13 (Length code in millimeters))							最小板厚 Min. Sheet Thickness	A Max	C Max	E 参考 Ref	E ±0.13	H Non	H孔尺寸 ØH Hole SizeIn Sheet +0.08	最小焊盘 ØD Min. Solder Pad
S1	-	SMTSO	-	M1	1	2	3	-	-	-	-	0.5	0.48	2.41	3.66	-	3.18	2.5	4.19
S1.2	-	SMTSO	-	M1.2	1	2	3	-	-	-	-	0.5	0.48	2.41	3.66	-	3.18	2.5	4.19
S1.4	-	SMTSO	-	M1.4	1	2	3	-	-	-	-	0.5	0.48	2.41	3.66	-	3.18	2.5	4.19
M1.6 × 0.35	-	SMTSO	-	M1.6	1	2	3	-	-	-	-	0.5	0.48	2.41	3.66	-	3.18	2.5	4.19
M2 × 0.4	-	SMTSO	SMTSOB	M2	-	2	3	4[1]	6[1]	8[1]	10[1]	1.53	1.53	3.6	-	5.56	-	3.73	6.2
M2.5 ×0.45	-	SMTSO	SMTSOB	M25	-	2	3	4[1]	6[1]	8[1]	10[1]	1.53	1.53	4.09	-	5.56	-	4.22	6.2
M3 × 0.5	-	SMTSO	SMTSOB	M3	-	2	3	4[1]	6[1]	8[1]	10[1]	1.53	1.53	4.09	-	5.56	-	4.22	6.2
M3.5 × 0.6	-	SMTSO	SMTSOB	M35	-	2	3	4[1]	6[1]	8[1]	10[1]	1.53	1.53	5.28	-	7.14	-	5.41	7.77
M4 × 0.7	-	SMTSO	SMTSOB	M4	-	2	3	4	6	8	10	1.53	1.53	6.22	-	8.74	-	6.35	9.37
-	3.1	SMTSO	SMTSOB	3.1	-	2	3	4	6	8	10	1.53	1.53	4.09	-	5.56	-	4.22	6.2
-	3.6	SMTSO	SMTSOB	3.6	-	2	3	4	6	8	10	1.53	1.53	5.28	-	7.14	-	5.41	7.77
-	4.2	SMTSO	SMTSOB	4.2	-	2	3	4	6	8	10	1.53	1.53	6.22	-	8.74	-	6.35	9.37

NUMBER OF PARTS PER REEL / PITCH (MM) FOR EACH SIZE

螺纹/通孔大小 Thread/Thru HoleSize	长度代码 Length Code 1	2	3	4	6	8	10	12
080	-	3500 /8	-	2000 /8	-	-	-	-
256,440,632,116,143	-	1500 / 12	-	1000 / 12	-	650 / 12	-	300/16
832	-	1100 / 16	-	800 / 16	-	500 / 16	-	300/16
M1,M1.2,M1.4,M1.6	3500/8	2500 /8	2000 /8	-	-	-	-	-
M2,M25,M3M35,3.1,3.6	-	1500 / 12	1000 / 12	900 / 12	650 / 12	375 / 16	300/16	-
M4,4.2	-	1100 / 16	800 / 16	675 / 16	500 / 16	375 / 16	300/16	-

A polyimide patch is supplied toallow for reliable vacuum pickup.Fasteners are also available withouta patch which may provide a lowercost alternative, depending on yourinstallation methods/requirements.

紧固件也有不带贴片的型号，可根据安装方法/要求提供成本更低的选择。

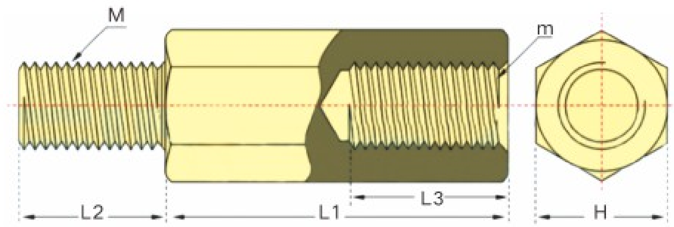
Packaged on 330 mm recyclable reels. Tape width is 24 mm. Reels conform to EIA-481.
包装在330毫米可回收卷轴上。 胶带宽度为24 mm。卷盘符合EIA-481。包装在330毫米可回收卷轴上。 胶带宽度为24 mm。卷盘符合EIA-481。

六角支柱螺母柱 HEXAGON PILLAR STANDOFFS

阴阳型(SB型)

SBB	M3	15	6
类型 Typology	外螺纹 External Thread	高度L1 High Degree L1	外螺纹长L2 Male Thread Length L2

安装方法INSTALLATION



NOTE:
To avoid the risk of external thread breakage, M2 M2.5 M3,#2-56,#4-40 series do not add the rebate groove.

注:
为避免外螺纹断裂风险，M2 M2.5 M3,#2-56,#4-40系列不加退刀槽。

ALL DIMENSIONS ARE MILLIMETERS(尺寸单位:毫米)

类型 Typology				规格 Norm	M外螺纹 M External Thread	M内螺纹 M Female Thread	H	L1 ±0.1	L2	L3
黄铜 Brass	不锈钢 Stainless Steels	快削钢 Fast Cutting Steel	铝 Aluminium				±0.1		±0.1	Mim
SBB	SBS	SBC	SBA	M2*(L1)+4	M2*0.4	M2*0.4	3	6~50	4	4
SBB	SBS	SBC	SBA	M2.5*(L1)+5	M2.5*0.45	M2.5*0.45	4.7	8~50	5	5
SBB	SBS	SBC	SBA	M3*(L1)+6	M3*0.5	M3*0.5	4.7	9~100	6	6
SBB	SBS	SBC	SBA	M4*(L1)+8	M4*0.7	M4*0.7	6	12~150	8	8
SBB	SBS	SBC	SBA	M5*(L1)+10	M5*0.8	M5*0.8	7	15~150	10	10
SBB	SBS	SBC	SBA	M6*(L1)+12	M6*1.0	M6*1.0	8	16~150	12	12
SBB	SBS	SBC	SBA	M8*(L1)+16	M8*1.25	M8*1.25	11	22~150	16	16
SBB	SBS	SBC	SBA	M10*(L1)+20	M10*1.5	M10*1.5	13	30~150	20	20

ALL DIMENSION ARE IN INCHES(均以英寸单位)

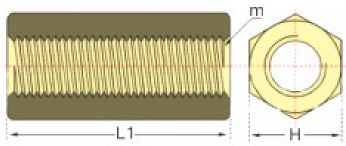
类型 Typology				规格 Norm	M外螺纹 M External Thread	M内螺纹 M Female Thread	H ±.003	L1 ±0.1	L2 ±0.1	L3 Mim
黄铜 Brass	不锈钢 Stainless Steels	快削钢 Fast Cutting Steel	铝 Aluminium							
SBB	SBS	SBC	SBA	256*(L1)+.156	#2-56	#2-56	.187	.250~1"	.156	.156
SBB	SBS	SBC	SBA	440*(L1)+.187	#4-40	#4-40	.187	.250~2"	.187	.187
SBB	SBS	SBC	SBA	632*(L1)+.250	#6-32	#6-32	.250	.340~2"	.250	.250
SBB	SBS	SBC	SBA	832*(L1)+.250	#8-32	#8-32	.250	.340~2"	.250	.250
SBB	SBS	SBC	SBA	0420*(L1)+.375	1/4-20	1/4-20	.375	.500~4"	.375	.375
SBB	SBS	SBC	SBA	0518*(L1)+.500	5/16-18	5/16-18	.500	.625~4"	.500	.500

双通型(SN型)

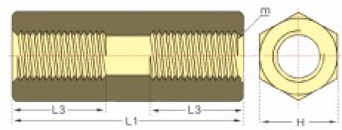
SNB	M3	20	6
类型 Typology	内螺纹 Female Thread	高度L1 High Degree L1	L3

安装方法INSTALLATION

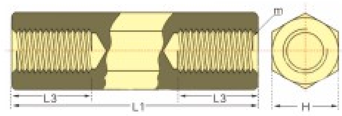
样式1
Type 1



样式2
Type 2



样式3
Type 3



ALL DIMENSIONS ARE MILLIMETERS(尺寸单位:毫米)

类型 Typology				规格 Norm	M内螺纹 M Female Thread	样式 Type	H ±0.1	L1 ±0.1	L3 Mim
黄铜 Brass	不锈钢 Stainless Steels	快削钢 Fast Cutting Steel	铝 Aluminium						
SNB	SNS	SNC	SNA	M2*(l1)	M2*0.4	1	3	4~12	/
				M2*(l1)-4		2		>12~20	4
				M2*(l1)-4		3		>20	4
SNB	SNS	SNC	SNA	M2.5*(l1)	M2.5*0.45	1	4.7	5~12	/
				M2.5*(l1)-5		2		> 12~20	5
				M2.5*(l1)-5		3		>20	5
SNB	SNS	SNC	SNA	M3*(l1)	M3*0.5	1	4.7	6~16	/
				M3*(l1)-6		2		>16~20	6
				M3*(l1)-6		3		>20	6
SNB	SNS	SNC	SNA	M4*(l1)	M4*0.7	1	6	6~18	/
				M4*(l1)-8		2		>18~25	8
				M4*(l1)-8		3		> 25	8
SNB	SNS	SNC	SNA	M5*(l1)	M5*0.8	1	7	8~22	/
				M5*(l1)-10		2		>22~30	10
				M5*(l1)-10		3		>30	10
SNB	SNS	SNC	SNA	M6*(l1)	M6*1.0	1	8	10~25	/
				M6*(l1)-12		2		>25~32	12
				M6*(l1)-12		3		>32	12
SNB	SNS	SNC	SNA	M8*(l1)	M8*1.25	1	11	12~32	/
				M8*(l1)-16		2		> 32~40	16
				M8*(l1)-16		3		> 40	16
SNB	SNS	SNC	SNA	M10*(l1)	M10*1.5	1	13	15~40	/
				M10*(l1)-20		2		> 40~45	20
				M10*(l1)-20		3		>45	20

ALL DIMENSION ARE IN INCHES(均以英寸单位)

类型 Typology				规格 Norm	M内螺纹 M Female Thread	样式 Type	H ±0.1	L1 ±0.1	L3 Mim
黄铜 Brass	不锈钢 Stainless Steels	快削钢 Fast Cutting Steel	铝 Aluminium						
SNB	SNS	SNC	SNA	256*(L1)	#2-56	1	.187	.156~.5	/
				256*(L1)-.156		2		> .5~.75	.212
				256*(L1)-.156		3		> .75	.212
SNB	SNS	SNC	SNA	440*(L1)	#4-40	1	.187	.187~.625	/
				440*(L1)-.25		2		>.625~.75	.25
				440*(L1)-.25		3		>.75	.25
SNB	SNS	SNC	SNA	632*(L1)	#6-32	1	.216	.25~.625	/
				632*(L1)-.281		2		>.625~.75	.281
				632*(L1)-.281		3		>.75	.281
SNB	SNS	SNC	SNA	832*(L1)	#8-32	1	.25	.25~.75	/
				832*(L1)-.313		2		> .75~1	.313
				832*(L1)-.313		3		>1	.313
SNB	SNS	SNC	SNA	0420*(L1)	1/4-20	1	.375	.375~1	/
				0420*(L1)-.5		2		> 1~1.25	.5
				0420*(L1)-.5		3		>1.25	.5
SNB	SNS	SNC	SNA	0420*(L1)-.5	5/16-18	1	.5	.5~1.25	/
				0420*(L1)-.625		2		> 1.25 ~ 1.5	.625
				0420*(L1)-.625		3		>1.5	.625

用于包覆成型的 DIN 嵌件 嵌入螺母-16903系列
DIN INSERTS FOR OVERMOULDING -16903 SERIES

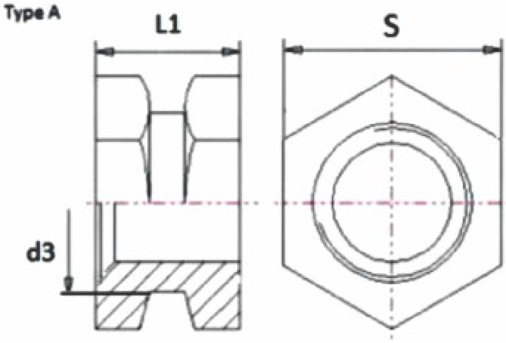
Insert to DIN 16903 standard for overmoulding use in plastics. All size variationsare possible on request.

插入件符合 DIN 16903 标准，适用于塑料包覆成型。 所有尺寸变化均可根据要求提供。

16903 系列-A 型 SERIES 16903-TYPE A

螺纹 Thread	S	d3	L1
M3	5	3.8	3
M4	6	5	4
M5	7	6.4	5
M6	9	7.4	6
M8	11	10.4	8

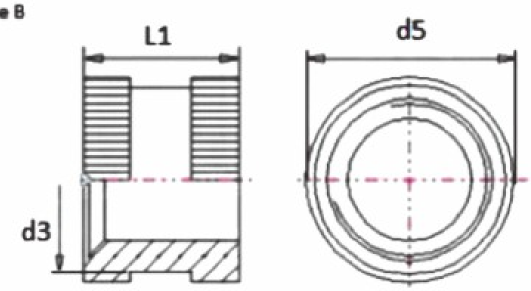
Type A



16903 系列-B 型 SERIES 16903-TYPE B

螺纹 Thread	d5	d3	L1
M2.5	3.8	3.4	2.6
M3	4.2	3.8	3
M4	5.5	5	4
M5	7	6.4	5
M6	8	7.4	6

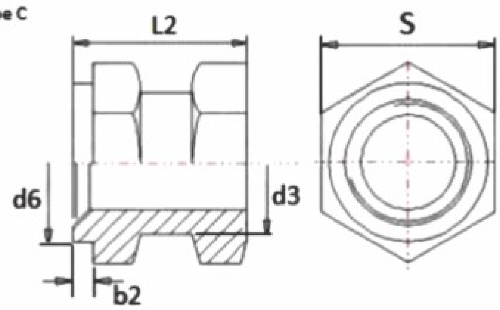
Type B



16903 系列-C 型 SERIES 16903-TYPE C

螺纹 Thread	S	d3	b2	L2	b6
M3	5	3.8	1	4.5	4.2
M4	6	5	1	6	5.5
M5	7	6.4	1	7.5	7
M6	9	7.4	1	9	8
M8	11	10.4	1	12	10

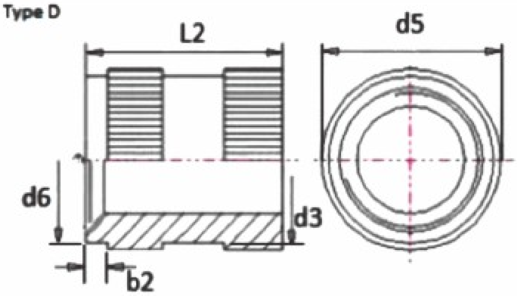
Type C



16903 系列-D 型 SERIES 16903-TYPE D

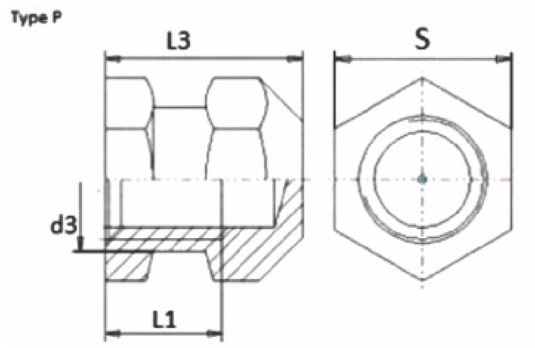
螺纹 Thread	d5	d3	b2	L2	b6
M2.5	3.8	3.4	0.8	4	3.8
M3	4.2	3.8	1	4.5	4.2
M4	5.5	5	1	6	5.5
M5	7	6.4	1	7.5	7
M6	8	7.4	1	9	8

Type D



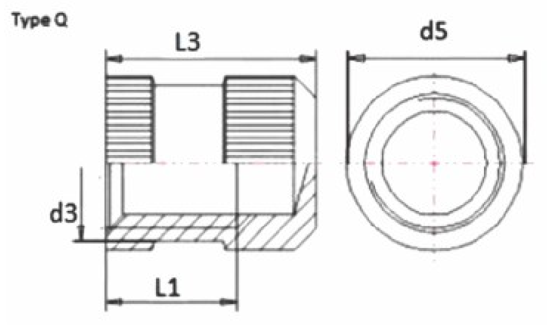
16903 系列-P 型 SERIES 16903-TYPE P

螺纹 Thread	S	d3	L1	L3
M3	5	3.8	3	5.5
M4	6	5	4	7
M5	7	6.4	5	8.3
M6	9	7.4	6	9.8
M8	11	10.4	8	12.6



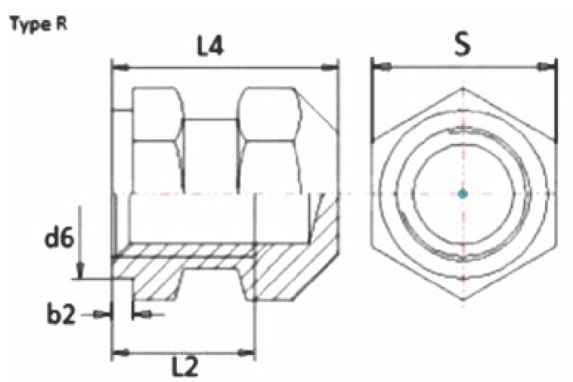
16903 系列-Q 型 SERIES 16903-TYPE Q

螺纹 Thread	d5	d3	L1	L3
M2.5	3.8	3.4	2.6	4.6
M3	4.2	3.8	3	5.5
M4	5.5	5	4	7
M5	7	6.4	5	8.3
M6	8	7.4	6	9.8



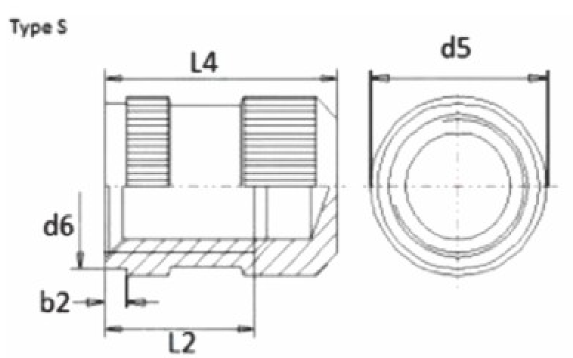
16903 系列-R 型 SERIES 16903-TYPE R

螺纹 Thread	S	d6	b2	L2	L4
M3	5	4.2	1	4.5	7
M4	6	5.5	1	6	9
M5	7	7	1	7.5	10.8
M6	9	8	1	9	12.8
M8	11	10	1	12	16.6



16903 系列-S 型 SERIES 16903-TYPE S

螺纹 Thread	d5	d6	b2	L2	L4
M2.5	3.8	3.8	0.8	4	6
M3	4.2	4.2	1	4.5	7
M4	5.5	5.5	1	6	9
M5	7	7	1	7.5	10.8
M6	8	8	1	9	12.8



材料和表面处理 MATERIALS AND FINISH

标准材质为黄铜 Brass as standard	本色 Plain
可根据要求提供其他材料和饰面 Other materials and finishes on request	镀镍 Nicked-plated

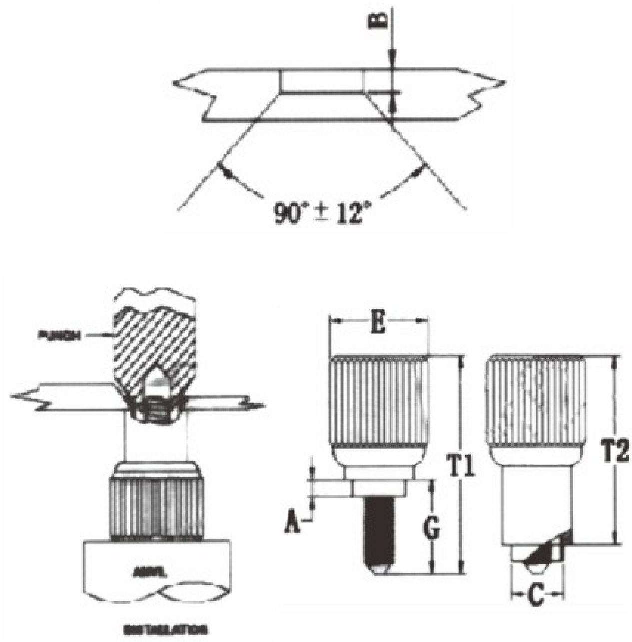
弹簧螺钉 PANEL FASTENERS

PF09,PF10

PF09	M3	1	NA
型号和材料 Type And Materia	螺纹代号 Thread code	规格代号 Shank code	完成 Finish

PF09 Knab:Alurminur PFO9 旋钮:铝
PF10 Knob:300/303 Series Stainless Stee PF10旋钮:300/303系列不锈钢
Ferrule:300/303Series Stainless Steel铆压套:300/303系列不锈钢
Screw:300/304 Series Stainless Steel 螺钉:300/304系列不锈钢
Spring:300/304 Series Stainless Steel弹簧:300/304系列不锈钢

安装方法INSTALLATION



ALL DIMENSIONS ARE MILLIMETERS(尺寸单位:毫米)

	螺纹尺寸X螺距 Thread Size X Pitch	型号 Type		螺纹代号 Thread Code	板厚代号 Shank Code	A±0.1	最小板厚 Minimum Plate Thickness	底孔尺寸 Hole Size IN Sheet+0.08	C Max	B ±0.1	G ±0.4	T1 ±0.2	T2 Nom	E +0.25	槽型 Driver Size	
		铝 Aluminium	不锈钢 Stainless Steels												十字槽 Philips+	一字槽 Slots-
METRLC(公制)	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	#2	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	4.5	5.5	0.8	8.5	18.3	13.5	10	#2	1.0

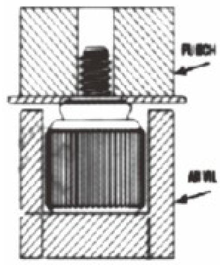
压铆型弹螺钉 PRESS-IN STYLE CAPTIVE SCREW

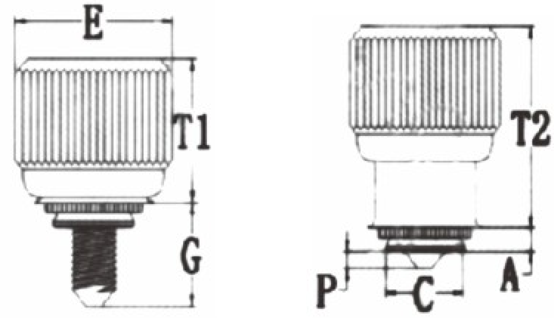
PF11,PF12

PF11 | M3 | 1 | BL

型号
Type | 螺纹码
Thread code | 螺钉长度码
Screw Length Code | 终处理码
Finish Code

安装方法INSTALLATION





材质和标准终处理
Materials and Standard Finishes

螺钉:300或400系列不锈钢，钝化
Screw:300 or 400 Series Stainless Steel,Passivated
旋钮:铝，本色
Knob:Aluminum,natural Finish
铆压套:热处理碳钢铜底亮锦
Retainer: Hardened Carbon Steel
弹簧:300系列不锈钢
Spring:300 Series Stainless Steel
适用板材硬度:等于或小于
HRB808orless on the Rockwell "B"Scale

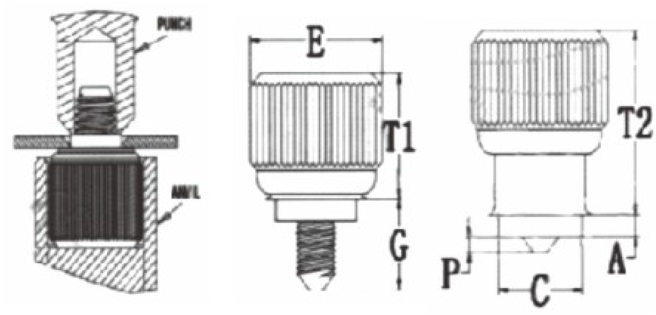
	螺纹规格 Thread Size	型号 Type 滚花帽 Knurled Cap	型号 Type 光滑帽 Smooth Cap	螺纹码 Thread Code	螺钉长度码 Screw Length Code	A (Shank) Max	最小板厚 Min Sheet Thick	板孔尺寸 Hole Size IN Sheet+0.08	C Max	E ±0.10	G ±0.25	P ±0.25	T1 Nom	T2 Nom	螺丝刀尺寸 Driver Size	孔中心至板边最小距离 Min Dist HoleC/LTo Edge
METRLC(公制)	M3x0.5	Pf11	Pf12	M3	0	0.92	0.92	5.56	5.54	10.59	4.32	0	7.87	11.43	#1	7.11
					1						5.84	1.52				
					2						7.37	3.05				
	M3.5x0.6	PF11	PF12	M3.5	0	0.92	0.92	6.35	6.33	11.43	5.84	0	11.43	16.26	#2	7.37
					1						7.37	1.52				
					2						8.89	3.05				
	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						7.37	1.52				
					2						8.89	3.05				
	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						7.37	1.52				
					2						8.89	3.05				
	M6x1	PF11	PF12	M6	0	0.92	0.92	9.53	9.5	14.61	7.37	0	13.46	20.07	#3	11.68
					1						8.89	1.52				
					2						10.41	3.05				
UNIFIED(英制)	.112-40 (#4-40)	PF11	PF12	440	0	.036	.036	.219	.218	.417	.170	.000	.310	.450	#1	.280
					1						.230	.060				
					2						.290	.120				
	.138-32 (#6-32)	PF11	PF12	632	0	.036	.036	.250	.249	.450	.230	.000	.450	.640	#2	.290
					1						.290	.060				
					2						.350	.120				
	.164-32 (#8-32)	PF11	PF12	832	0	.036	.036	.312	.311	.514	.230	.000	.450	.640	#2	.330
					1						.290	.060				
					2						.350	.120				
	.190-32 (#10-32)	PF11	PF12	032	0	.036	.036	.312	.311	.514	.230	.000	.450	.640	#2	.330
					1						.290	.060				
					2						.350	.120				
	.250-20 (1/4-20)	PF11	PF12	0420	0	.036	.036	.375	.374	.575	.290	.000	.530	.790	#3	.460
					1						.350	.060				
					2						.410	.120				

涨铆式弹簧螺钉 PANEL FASTENERS

PF11MF,PF12MF

PF11MF	M3	1	BL
型号 Type	螺纹码 Thread code	螺钉长度码 Screw Length Code	终处理码 Finish Code

安装方法INSTALLATION



Knob:Aluminum 旋钮:铝
Retainer:Aluminum 铆压套:铝
Screw:300 or 400 Series Stainless Steel
Hardened Carbon Steel
铆套：加硬锭钢
螺钉:300或400系列不锈钢
Spring: 300 Series Stainless Steel
弹簧:300系列不锈钢

ALL DIMENSIONS ARE MILLIMETERS(尺寸单位:毫米)

	螺纹规格 Thread Size	型号 Type 滚花帽 Knurled Cap	型号 Type 光滑帽 Smooth Cap	螺纹码 Thread Code	螺钉长度码 Screw Length Code	A (Shank) Max	最小板厚 Min Sheet Thick	板孔尺寸 Hole Size IN Sheet+0.1	C Max	E ±0.25	G ±0.64	P ±0.64	T1 Nom	T2 Nom	螺丝刀尺寸 Driver Size
METRLC(公制)	M3x0.5	PF11MF	PF12MF	M3	0	1.05	0.79	4.75	4.73	10.59	4.32	O	7.87	11.43	#1
					1						5.84	1.40			
					2						7.37	2.92			
	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			

ALL DIMENSIONS ARE IN INCHES(尺寸单位:英寸)

	螺纹规格 Thread Size	型号 Type 滚花帽 Knurled Cap	型号 Type 光滑帽 Smooth Cap	螺纹码 Thread Code	螺钉长度码 Screw Length Code	A (Shank) Max	最小板厚 Min Sheet Thick	板孔尺寸 Hole Size IN Sheet+0.1	C Max	E ±0.25	G ±0.64	P ±0.64	T1 Nom	T2 Nom	螺丝刀尺寸 Driver Size
UNIFIED(英制)	.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	PF12M	0420	0	.072	.060	.323	.322	.575	.290	.000	.530	.790	#3
					1						.350	.024			
					2						.410	.084			

弹簧螺钉FLARE-MOUNTED, FLOATING CAPTIVE PANEL SCREWS

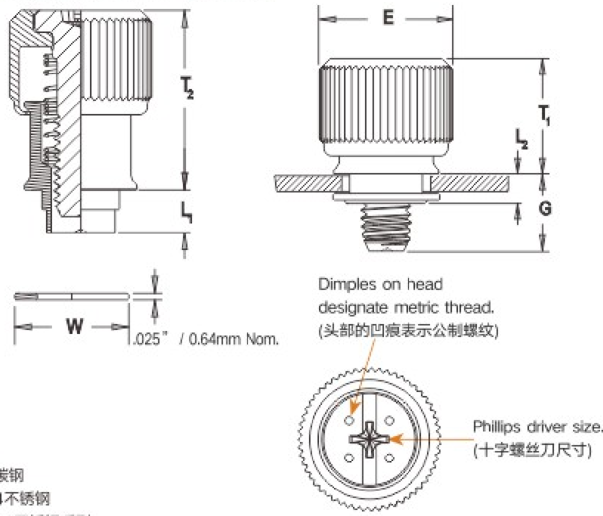
PF11MW,PF12MW

PF11MW	632	1	1	ZI
型号 Type	线程代码 Thread Code	柄码 Shank Code	螺钉长度代码 Screw Length Code	可选杜拉黑涂层 Optional Dura Blackfinish

PF11MW
Knurled Cap
滚花帽

PF12MW
Smooth Cap
光滑帽

安装方法INSTALLATION



Knob: Aluminum 旋钮：铝
Retainer: Aluminum 铆套：铝
Screw: Hardened Carbon Steel 螺钉： 加硬碳钢
Spring: 300 Series Stainless Steel 弹簧：304不锈钢
Washer: 300 Series Stainless Steel 垫圈：300不锈钢系列
Finish:Knob: Natural Finish 旋钮：本色
Retainer: Natural Finish 铆套：本色

ALL DIMENSION ARE IN MILLIMETERS(均以mm 单位)

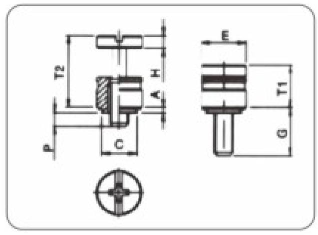
	螺纹规格 Thread Size	型号 Type 滚花帽 Knurled Cap	型号 Type 光滑帽 Smooth Cap	螺纹码 Thread Code	长度代码 Shank Code (4)	螺丝长度代码 Length Code (4)	安装板最大厚度 A Max Sheet Thickness	B Min	安装板孔尺寸 D Hole SizeInSheet +.003-.001	E ±.010	G Nom	H Min	L_1 Nom	L_2 Max	T1 Nom	T2 Nom	槽型尺寸 Driver Size	最小浮动值 Min Total Float	W Nom
UNIFIED(英制)	M3 × 0.5	PF11MW	PF12MW	M3	1	1	1.6	2.82	6.35	10.59	5.84	9.52	3.48	3.23	7.87	11.43	#1	1.85	7.92
						2					7.37								
	M3.5 × 0.6	PF11MW	PF12MW	M3.5	1	1	1.6	2.92	7.19	11.43	7.37	10.49	3.78	3.23	11.43	16.26	#2	1.93	8.74
						2					8.89								
	M4 × 0.7	PF11MW	PF12MW	M4	1	1	1.6	3.07	8.79	13.06	7.37	11.91	3.99	3.56	11.43	16.26	#2	1.93	10.34
						2					8.89								
	M5 × 0.8	PF11MW	PF12MW	M5	1	1	1.6	3.07	8.79	13.06	7.37	11.91	3.99	3.56	11.43	16.26	#2	1.93	10.34
						2					8.89								
	M6 x1	PF11MW	PF12MW	M6	1	1	1.6	3.25	10.49	14.61	8.89	13.48	3.99	3.56	13.46	20.07	#3	2.06	11.89
						2					10.41								

ALL DIMENSIONS ARE IN INCHES(尺寸单位:英寸)

	螺纹规格 Thread Size	型号 Type 滚花帽 Knurled Cap	型号 Type 光滑帽 Smooth Cap	螺纹码 Thread Code	长度代码 Shank Code (4)	螺丝长度代码 Length Code (4)	安装板最大厚度 A Max Sheet Thickness	B Min	安装板孔尺寸 D Hole SizeInSheet +.003-.001	E ±.010	G Nom	H Min	L_1 Nom	L_2 Max	T1 Nom	T2 Nom	槽型尺寸 Driver Size	最小浮动值 Min Total Float	W Nom
UNIFIED(英制)	.112-40 (#4-40)	PF11MW	PF12MW	440	1	1	.063	.311	.250	.417	.230	.375	.137	.127	.310	.450	#1	.073	.312
						2					.290								
	.138-32 (#6-32)	PF11MW	PF12MW	632	1	1	.063	.115	.283	.450	.290	.413	.149	.127	.450	.640	#2	.076	.344
						2					.350								
	.164-32 (#8-32)	PF11MW	PF12MW	832	1	1	.063	.121	.346	.514	.290	.469	.157	.140	.450	.640	#2	.076	.407
						2					.350								
	.190-32 (#10-32)	PF11MW	PF12MW	032	1	1	.063	.121	.346	.514	.290	.469	.157	.140	.450	.640	#2	.076	.407
						2					.350								
	.250-20 (1/4-20)	PF11MW	PF12MW	0420	1	1	.063	.128	.413	.575	.350	.531	.157	.140	.530	.790	#3	.081	.468
						2					.410								

压铆型面板螺钉组件 PRESS-IN STYLE CAPTIVE PANEL FASTENER ASSEMBLIES

PFHV	M3	0	CN
型号 Type	螺纹码 Thread code	螺钉长度码 Screw Length Code	终处理码 Finish Code



材质和标准终处

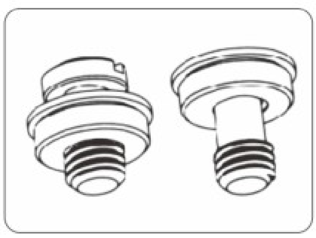
Materials and Standard Finishes

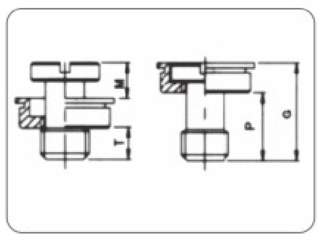
螺钉:为热处理碳钢，表面处理为铜底亮镍
Screw :400 Series Stainless Steel,passivated,
Finish: Bright nickel Over Copper Flash
脚压套:碳钢，铜底亮镍
Retainer : Carbon Steel,
Finish: Bright Nickel Over Copper Flash
适用板材硬度:等于或小于HRB60
For Usein Sheet Hardness:
60 or less on the Rockwell "3" Scale

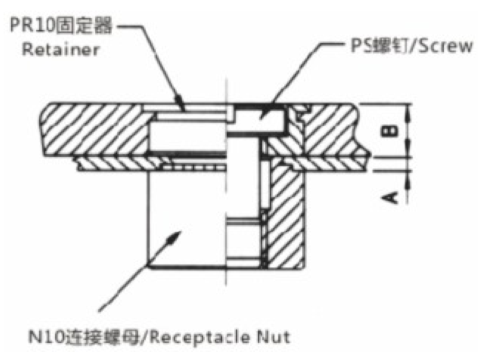
	螺纹规格 Thread Size	型号 Type	螺纹码 Thread Code	螺钉长度码 Screw Length Code	A (Shank) max	最小板厚 Min Sheet Thick	板孔尺寸 Hole Size IN Sheet +0.08	C Max	E ±0.25	G ±0.64	H ±0.13	P ±0.64	T1 Nom	T2 Nom	起子尺寸 Driver Size	孔中心至板边最小距离 Min Dist Hole C/L To Edge
METRLC(公制)	M3x0.5	PFHV	M3	0	0.92	0.92	5.5	5.49	6.95	5.55	2.03	0	6.69	11.3	#1	5.8
				1						7.56		1.9				
	M3.5x0.6	PFHV	M3.5	0	0.92	0.92	6	5.98	7.45	6.01	2.34	0	7.45	12.5	#2	6.3
				1						8.42		2.3				
	M4x0.7	PFHV	M4	0	0.92	0.92	6.4	6.38	7.85	6.59	2.79	0	8.5	14.1	#2	6.7
				1						9.39		2.7				
UNIFIED(英制)	.112-40 #4-40	PFHV	440	0	.036	.036	.203	.202	.260	.216	0.80	.000	.260	.436	#1	.21
				1						.316		.095				
	.138-32 #6-32	PFHV	632	0	.036	.036	.219	.218	.276	.234	0.92	.000	.290	.484	#2	.23
				1						.359		.120				
	.164-32 #8-32	PFHV	832	0	.036	.036	.252	.251	.309	.259	.111	.000	.335	.555	#2	.26
				1						.371		.106				

平齐安装面板螺钉组件PRESS-IN STYLECAPTIVE PANELFASTENERASSEMBLIES

PF10	M3	40
型号 Type	螺纹码 Thread code	螺钉长度码 Screw Length Code





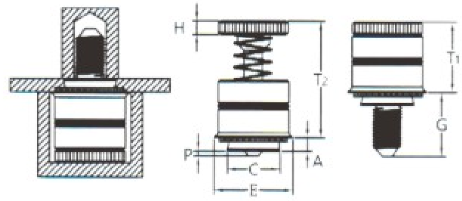


	螺纹规格 Thread Size	型号 Type	螺纹码 Thread Code	螺钉长度码 Screw Length Code	A MiN	B Nom	G ±0.25	M	P	T Nom
METRLC(公制)	M3	PF10	M3	40	1	3.18	10.16	4.06	7.11	3.3
	M4	PF10	M4	40	1	3.18	10.16	4.06	7.11	3.3
	M5	PF10	M5	40	1	3.18	10.16	4.06	7.11	3.3
UNIFIED(英制)	.112-40 #4-40	PF10	440	40	.04	.125	.40	.16	.28	.13
	.138-32 #6-32	PF10	632	40	.04	.125	.40	.16	.28	.13
	.164-32 #8-32	PF10	832	40	.04	.125	.40	.16	.28	.13
	.190-32 #10-32	PF10	032	40	.04	.125	.40	.16	.28	.13

弹簧螺钉PANEL FASTENERS

PF7M	632	0
类型和材料 Type and Material	螺纹编码 Thread Code	螺丝长度编码 Shank Length Code

安装方法INSTALLATION



ALL DIMENSIONS ARE IN INCHES(尺寸单位:英寸)

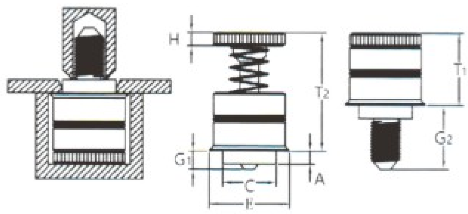
	螺纹规格 Thread Size	型号 Type Fastener Material Steel	螺纹码 Thread Code	螺丝长度码 Screw Length Code	A (Shank) Max	最小板厚 Min Sheet Thick	安装板孔尺寸 Hole Size IN Sheet +.003-.000	C Max	E ±.010	H ±.010	G ±.025	P ±.025	T_1 Nom	T_2 Nom	槽型尺寸 Driver Size	孔中心至板边最小距离 Min Dist HoleC/LTo Edge
UNIFIED(英制)	.112-40 (#4-40)	PF7M	440	0	.036	.036	.219	.218	.310	.100	.210	.000	.380	.550	#2	.28
				1							.270	.065				
	.138-32 (#6-32)	PF7M	632	0	.036	.036	.250	.249	.342	.100	.240	.000	.410	.610	#2	.29
				1							.300	.065				
	.164-32 (#8-32)	PF7M	832	0	.036	.036	.312	.311	.405	.120	.240	.000	.430	.630	#2	.33
				1							.300	.065				

ALL DIMENSIONS ARE MILLIMETERS(尺寸单位:毫米)

	螺纹规格 Thread Size	型号 Type Fastener Material Steel	螺纹码 Thread Code	螺丝长度码 Screw Length Code	A (Shank) Max	最小板厚 Min Sheet Thick	安装板孔尺寸 Hole Size IN Sheet +0.08	C Max	E ±0.25	H ±0.25	G ±0.64	P ±0.64	T_1 Nom	T_2 Nom	槽型尺寸 Driver Size	孔中心至板边最小距离 Min Dist HoleC/LTo Edge
METRLC(公制)	M3*0.5	PF7M	M3	0	0.92	0.92	5.56	5.54	7.87	2.5	5.33	0	9.65	13.97	#2	7.11
				1							6.86	1.65				
	M4*0.7	PF7M	M4	0	0.92	0.92	7.92	7.9	10.29	3	6.1	0	10.92	16	#2	8.38
				1							7.62	1.65				

PF7MF	632	0
类型和材料 Type and Material	螺纹编码 Thread Code	螺丝长度编码 Shank Length Code

安装方法INSTALLATION



ALL DIMENSIONS ARE IN INCHES(尺寸单位:英寸)

	螺纹规格 Thread Size	型号 Type Fastener Material Steel	螺纹码 Thread Code	螺丝长度码 Screw Length Code	A (Shank) Max	最小板厚 Min Sheet Thick	安装板孔尺寸 Hole Size IN Sheet +.003-.000	C Max	E ±.010	H ±.010	G_1 ±.025	G_2 ±.025	T_1 Nom	T_2 Nom	驱动尺寸 Driver Size
UNIFIED(英制)	.112-40 (#4-40)	PF7MF	440	0	.041	.187	.187	186	.310	.100	.040	.210	.380	.550	#2
				1							.100	.270			
	.138-32 (#6-32)	PF7MF	632	0	.072	.213	.213	.212	.342	.100	.040	.240	.410	.610	#2
				1							.100	.300			
	.164-32 (#8-32)	PF7MF	832	0	.072	.266	.266	.265	.405	.120	.040	.240	.430	.630	#2
				1							.100	.300			

ALL DIMENSIONS ARE MILLIMETERS(尺寸单位:毫米)

	螺纹规格 Thread Size	型号 Type Fastener Material Steel	螺纹码 Thread Code	螺丝长度码 Screw Length Code	A (Shank) Max	最小板厚 Min Sheet Thick	安装板孔尺寸 Hole Size IN Sheet +0.13	C Max	E ±0.25	H ±.010	G_1 ±.025	G_2 ±.025	T_1 Nom	T_2 Nom	驱动尺寸 Driver Size
METRLC(公制)	M3*0.5	PF7MF	M3	0	1.05	0.79	4.75	4.73	7.87	2.5	1.02	5.33	9.65	13.97	#2
				1							2.54	6.86			
	M4*0.7	PF7MF	M4	0	1.83	1.52	6.76	6.74	10.29	3	1.02	6.1	10.92	16	#2
				1							2.54	2.62			

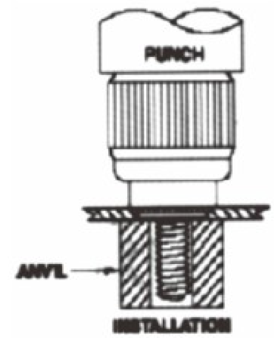
弹簧螺钉PANEL FASTENERS

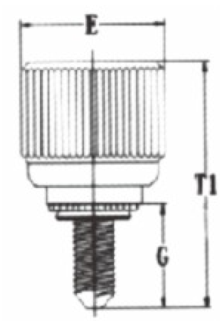
PF21,PF22

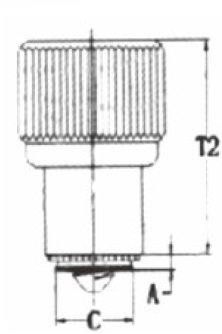
PF21	M3	1	BL
型号和材料 Type and Material	螺纹码 Thread code	规格代号 Shank code	完成 Finish

Knob:Aluminum
旋钮:铝
Ferrule:Hardened carbon steel
铆压套:加硬不锈铁，加硬碳钢
Screw: 300 Series Stainless Steel
螺钉:300/304系列不锈钢
Spring: 300 Series Stainless Steel
弹簧:300/304系列不锈钢

安装方法INSTALLATION







ALL DIMENSIONS ARE MILLIMETERS(尺寸单位:毫米)

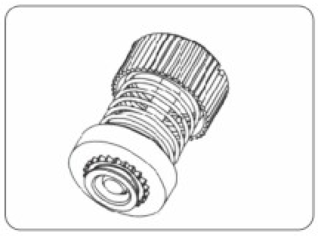
	螺纹代号 Thread Code		型号 Type	螺纹代号 Thread Code		板厚代号 Shank Code	A Max	最小板厚 Min Sheet Thick	板孔尺寸 Hole Size IN Sheet+0.1	C Max	E ±0.25	G ±0.64	T1 ±0.2	T2 Nom	螺丝刀尺寸 Driver Size
	英制 Unified	公制 Metric		英制 Unified	公制 Metric										
METRLC(公制)	.112-40 (#4-40)	M3×0.5	PF21	440	M3	0 1 2 3	0.97	1	5.55	5.53	10.5	4 5.7 7.2 8.8	12.3 14 15.5 17.1	11.5	#2
	.112-40 (44-40)	M3×0.5	PF22	440	M3	0 1 2 3	1.47	1.5	5.55	5.53	10.5	4 5.7 7.2 8.8	12.3 14 15.5 17.1	11.5	#2
	.138-32 (#6-32)	M3.5×0.6	PF21	632	M3.5	0 1 2 3	0.97	1	6.35	6.33	11.5	5.3 6.9 8.5 10.1	16.4 18 19.6 21.2	15.9	#2
	.138-32 (#6-32)	M3.5×0.6	PF22	632	M3.5	0 1 2 3	1.47	1.5	6.35	6.33	11.5	5.3 6.9 8.5 10.1	16.4 18 19.6 21.2	15.9	#2
	.164-32 (#8-32)	M4×0.7	PF21	832	M4	0 1 2 3	0.97	1	7.90	7.88	13	5.6 7.2 8.7 10.3	16.9 18.5 20 21.6	16.2	#2
	.164-32 (#8-32)	M4×0.7	PF22	832	M4	0 1 2 3	1.47	1.5	7.90	7.88	13	5.6 7.2 8.7 10.3	16.9 18.5 20 21.6	16.2	#2
	.190-32 (#10-32)	M5×0.8	PF21	032	M5	0 1 2 3	0.97	1	7.90	7.88	13	5.6 7.2 8.7 10.3	16.9 18.5 20 21.6	16.2	#2
	.190-32 (#10-32)	M5×0.8	PF22	032	M5	0 1 2 3	1.47	1.5	7.90	7.88	13	5.6 7.2 8.7 10.3	16.9 18.5 20 21.6	16.2	#2
	.250-20 (1/4-20)	M6×1	PF21	0420	M6	0 1 2 3	0.97	1	9.50	9.47	14.7	7.1 8.7 10.3 11.9	20.5 22.1 23.7 25.3	20	#3
	.250-20 (1/4-20)	M6×1	PF22	0420	M6	0 1 2 3	1.47	1.5	9.50	9.47	14.7	7.1 8.7 10.3 11.9	20.5 22.1 23.7 25.3	20	#3

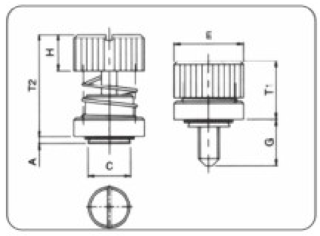
压铆型面板螺钉组件 PRESS-IN STYLE CAPTIVE PANELFASTENER ASSEMBLIES

PF31,PF32,PFS31,PFS32

PF31	M3	0	BL
型号和材料 Type and Material	螺纹码 Thread code	螺钉长度码 Screw Length Code	终处理码 Finish Code

安装方法INSTALLATION





PF系列材质和标准终处理
PF Series Materials and Standard Finishes

螺钉:碳钢，铜底亮镍Screw: Carbon Steel, Bright Nickel Over CopperFlash
铆压套:碳钢，铜底亮镍
Retainer: Heat-Treated Carbon Steel, Bright Nickel Over Copper Flash
弹簧:300系列不锈钢
Spring:300 Series Stainless Steel
适用板材硬度:等于或小于HRB60
60 orless on the Rockwell "B"Scale

PFS材质和标准终处理
PFD Series Materials and Standard Finishes

螺钉:300系列不锈钢，钝化
Screw: 300 Series Stainless Steel
铆压套:热处理碳钢铜底亮镍Retainer: 30D Series Stainless Steel
弹簧:300系列不锈钢Spring:300 Series Stainless Steel
适用板材硬度:等于或小于HRB70
70 orless on the Rockwell"B" Sale

	螺纹规格 Thread Size	型号 Type		螺纹码 Thread Code	螺钉长度码 Screw Length Code	A (Shank) Max	最小板厚 Min Sheet Thick	板孔尺寸 Hole Size IN Sheet+0.1	C Max	E ±0.25	G ±0.4	P ±0.13	T1 Nom	T2 Nom	孔中心至板边最小距离 Min Dist HoleC/LTo Edge
		钢 Steel	不锈钢 Stainless Steels												
METRLC(公制)	M2.5×0.45	PF31	PFS31	M2.5	30	0.7	1	5.5	5.48	7	7.62	5.13	8.26	15.11	6.6
		PF32	PFS32			1.48	1.5			9					
	M3×0.5	PF31	PFS31	M3	30	0.97	1	5.5	5.48	10.3	7.62	5.13	8.26	15.11	6.6
		PF32	PFS32			1.48	1.5								
	M3.5×0.5	PF31A	PFS31A	3.5M3	30	0.97	1	6.0	5.97						
		PF32A	PFS32A			1.48	1.5								
	M4×0.7	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								
	M5×0.8	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								
	M6×1.0	PF32	PFS32	M6	35	1.48	1.5	9.5	9.48	15.9	8.89	6.12	9.78	17.15	9.65
UNIFIED(英制)	.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

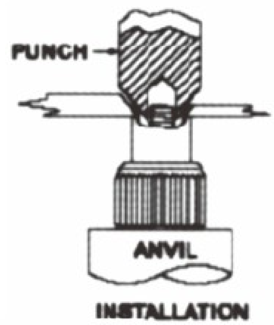
弹簧螺钉PANEL FASTENERS

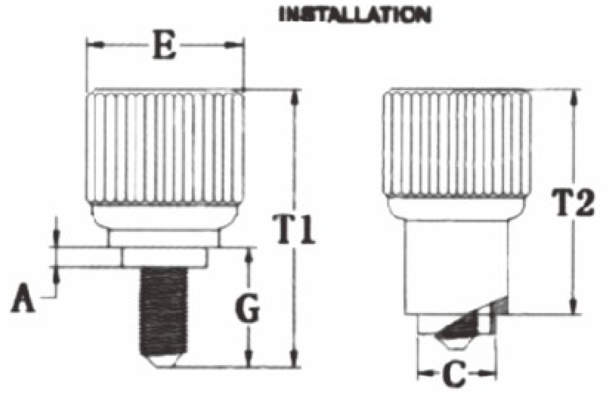
PF41,PF42,PF15,PF25

PF41	M3	0	BL
型号 Type	螺纹码 Thread code	板厚码 Shank Code	终处理码 Finish Code

Knob:Aluminum 旋钮:铝
Screw:300/304Series Stainless Steel 螺钉:300/304系列不锈钢
Spring:300/304Series Stainless Steel 弹簧:300/304系列不锈钢
Ferrule: Aluminum 铆压套:铝

安装方法INSTALLATION





ALL DIMENSIONS ARE MILLIMETERS(尺寸单位:毫米)

	螺纹代号 Thread Code		型号 Type	螺纹代号 Thread Code		板厚代号 Shank Code	A ±0.1	最小板厚 Min Sheet Thick	板孔尺寸 Hole Size IN Sheet+0.08	C Max	E ±0.1	G ±0.25	G ±0.64	T1 ±0.2	T2 Nom	螺丝刀尺寸 Driver Size
	英制 Unified	公制 Metric		英制 Unified	公制 Metric											
METRLC(公制)	.112-40 (#4-40)	M3×0.5	PF41 PF15	440	M3	0	1.0	1.0	4.75	4.73	0.4	10.5	4	12.1	11.3	#2
						1							5.7	13.8		
						2							7.2	15.3		
						3							8.8	16.9		
	.112-40 (44-40)	M3×0.5	PF42 PF25	440	M3	0	1.8	1.8	4.75	4.73	0.4	10.5	4.7	12.8	11.3	#2
						1							6.4	14.5		
						2							7.9	16		
						3							9.5	17.6		
	.138-32 (#6-32)	M3.5×0.6	PF41 PF15	632	M3.5	0	1.8	1.8	5.4	5.38	0.4	11.5	6	16.4	15.3	#2
						1							7.6	18		
						2							9.2	19.6		
						3							10.8	21.2		
	.138-32 (#6-32)	M3.5×0.6	PF42 PF25	632	M3.5	0	3.4	3.4	5.4	5.38	1.6	11.5	7.6	18	15.3	#2
						1							9.2	19.6		
						2							10.8	21.2		
	.164-32 (#8-32)	M4×0.7	PF41 PF15	832	M4	0	1.8	1.8	6.75	6.73	0.4	13	6.4	16.9	15.6	#2
						1							8	18.5		
						2							9.5	20		
						3							11.1	21.6		
	.164-32 (#8-32)	M4×0.7	PF42 PF25	832	M4	0	3.4	3.4	6.75	6.73	1.6	13	8	18.5	15.6	#2
						1							9.5	20		
						2							11.1	21.6		
	.190-32 (#10-32)	M5×0.8	PF41 PF15	032	M5	0	1.8	1.8	8.20	6.73	0.4	13	6.4	16.9	15.6	#2
						1							8	18.5		
						2							9.5	20		
						3							11.1	21.6		
	.190-32 (#10-32)	M5×0.8	PF42 PF25	032	M5	0	3.4	3.47	8.20	6.73	1.6	13	8	18.5	15.6	#2
						1							9.5	20		
						2							11.1	21.6		
	.250-20 (1/4-20)	M6×1	PF41 PF15	0420	M6	0	1.8	1.8	9.50	8.17	0.4	14.7	7.8	20.5	19.3	#3
						1							9.4	22.1		
						2							11	23.7		
						3							12.6	25.3		
	.250-20 (1/4-20)	M6×1	PF42 PF25	0420	M6	0	3.4	3.4	8.20	8.17	1.6	14.7	9.4	22.1	19.3	#3
						1							11	23.7		
						2							12.6	25.3		

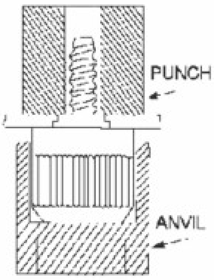
弹簧螺钉 PANEL FASTENERS

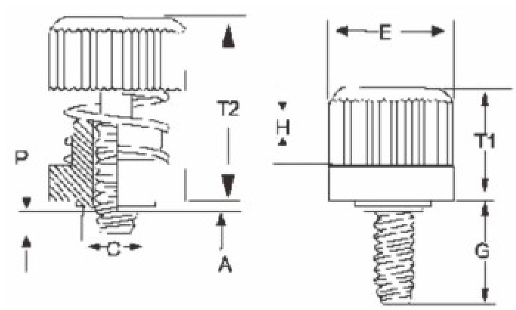
PF50,PF60

PF50	M3	1	CN
型号和材料 Type and Material	螺纹码 Thread code	尾部码 Shank Code	终处理码 Finish Code

旋钮:碳钢
Knob:Carbon Steel
螺丝:碳钢
Screw:CarbonSteel
套圈:碳钢
Ferrule:Carbon Steel
弹簧:300系列不锈钢
Spring:300.Series.Stainless.Steel

安装方法INSTALLATION





ALL DIMENSIONS ARE MILLIMETERS(尺寸单位:毫米)

	螺纹规格 Thread Size	型号 Type 滚花帽 Knurled Cap	型号 Type 不锈钢 Stainless Steels	螺纹码 Thread Code	板厚代号 Shank Code	A (Shank) Max	最小板厚 Min Sheet Thick	板孔尺寸 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	螺丝刀尺寸 Driver Size	孔中心至板边最小距离 Min Dist HoleC/LTo Edge
METRLC(公制)	M3×0.5	PF50	PF60	M3	0 / 1	0.77	0.8	5.5	5.48	10.3	5.26	5.84 / 7.37	0 / 1.52	8.64	13.21	#1	6.6
		PF50A	PF60A		0 / 1	0.97	1	5.5	5.48	10.3	5.26	5.84 / 7.37	0 / 1.32	8.64	13.21		
		PF50B	PF60B		0 / 1	1.47	1.5	5.5	5.48	10.3	5.26	5.84 / 7.37	0 / 0.81	8.64	13.21		
	M3.5×0.6	PF50	PF60	3.5M3	0 / 1	0.77	0.8	5.56	5.54	11.1	5.26	5.84 / 7.37	0 / 1.52	8.64	13.21	#2	7.1
		PF50A	PF60A		0 / 1	0.97	1	5.56	5.54	11.1	5.26	5.84 / 7.37	0 / 1.32	8.64	13.21		
		PF50B	PF60B		0 / 1	1.47	1.5	5.56	5.54	11.1	5.26	5.84 / 7.37	0 / 0.81	8.64	13.21		
	M4×0.7	PF50	PF60	M4	0 / 1	0.77	0.8	6.4	6.38	11.9	5.51	5.84 / 7.37	0 / 1.52	8.64	13.46	#2	7.4
		PF50A	PF60A		0 / 1	0.97	1	6.4	6.38	11.9	5.51	5.84 / 7.37	0 / 1.32	8.64	13.46		
		PF50B	PF60B		0 / 1	1.47	1.5	6.4	6.38	11.9	5.51	5.84 / 7.37	0 / 0.81	8.64	13.46		
	M5×0.8	PF50	PF60	M5	0 / 1	0.77	0.8	8	7.98	13.5	5.72	5.84 / 7.37	0 / 1.52	9.15	13.46	#2	8.4
		PF50A	PF60A		0 / 1	0.97	1	8	7.98	13.5	5.72	5.84 / 7.37	0 / 1.32	9.15	13.46		
		PF50B	PF60B		0 / 1	1.47	1.5	8	7.98	13.5	5.72	5.84 / 7.37	0 / 0.81	9.15	13.46		
	M6×1.0	PF50	PF60	M6	0 / 1	1.47	1.5	9.5	9.48	15.9	6.25	7.11 / 8.64	0 / 1.52	10.04	15.24	#2	9.7

ALL DIMENSIONS ARE IN INCHES(尺寸单位:英寸)

	螺纹规格 Thread Size	型号 Type 滚花帽 Knurled Cap	型号 Type 不锈钢 Stainless Steels	螺纹码 Thread Code	板厚代号 Shank Code	A (Shank) Max	最小板厚 Min Sheet Thick	板孔尺寸 Hole Size IN Sheet+0.03	C Max	E +.015 -.005	H ±.008	G ±.025	P ±.025	T1 Max	T2 Nom	螺丝刀尺寸 Driver Size	孔中心至板边最小距离 Min Dist HoleC/LTo Edge
UNIFIED(英制)	.112-40 (#4-40)	PF50	PF60	440	0 / 1	.030	.030	.203	.202	.406	.207	.230 / .290	.000 / .060	.340	.520	#1	.26
		PF50A	PF60A		0 / 1	.038	.040	.203	.202	.406	.207	.230 / .290	.000 / .052	.340	.520		
		PF50B	PF60B		0 / 1	.058	.060	.203	.202	.406	.207	.230 / .290	.000 / .032	.340	.520		
	.138-32 (#6-32)	PF50	PF60	632	0 / 1	.030	.030	.219	.218	.438	.207	.230 / .290	.000 / .060	.340	.520	#2	.28
		PF50A	PF60A		0 / 1	.038	.040	.219	.218	.438	.207	.230 / .290	.000 / .052	.340	.520		
		PF50B	PF60B		0 / 1	.058	.060	.219	.218	.438	.207	.230 / .290	.000 / .032	.340	.520		
	.164-32 (#8-32)	PF50	PF60	832	0 / 1	.030	.030	.250	.249	.468	.217	.230 / .290	.000 / .060	.340	.520	#2	.29
		PF50A	PF60A		0 / 1	.038	.040	.250	.249	.468	.217	.230 / .290	.000 / .052	.340	.520		
		PF50B	PF60B		0 / 1	.058	.060	.250	.249	.468	.217	.230 / .290	.000 / .032	.340	.520		
	.190-32 (#10-32)	PF50	PF60	032	0 / 1	.030	.030	.312	.311	.530	.225	.230 / .290	.000 / .060	.340	.530	#2	.33
		PF50A	PF60A		0 / 1	.038	.040	.312	.311	.530	.225	.230 / .290	.000 / .052	.340	.530		
		PF50B	PF60B		0 / 1	.058	.060	.312	.311	.530	.225	.230 / .290	.000 / .032	.340	.530		
	.250-20 (1/4-20)	PF50	PF60	0420	0 / 1	.058	.060	.375	.374	.625	.246	.280 / .340	.000 / .060	.395	.600	#2	.38

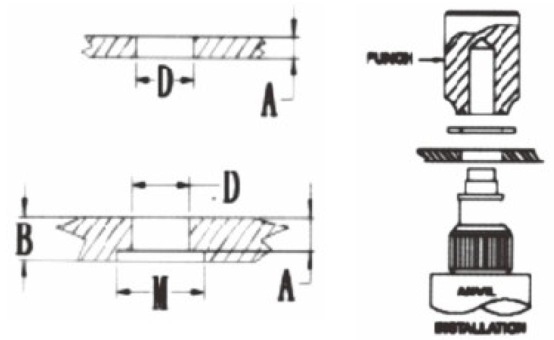
弹簧螺钉PANEL FASTENERS

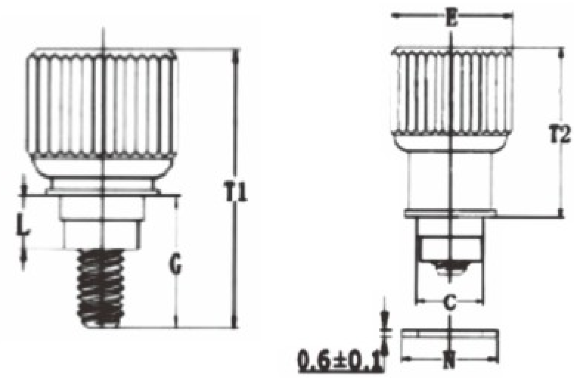
PF51,PF52,PF16,PF26

PF51	M3	0	BL
型号 Type	螺纹码 Thread code	板厚码 Shank Code	终处理码 Finish Code

Knob:Aluminum 钮:铝
Ferrule:Aluminum 铆压套 :铝
Screw:300/304Series Stainless Steel 螺钉:300/304系列不锈钢
Spring:300/304Series Stainless Steel 弹簧:300/304系列不锈钢

安装方法INSTALLATION





ALL DIMENSIONS ARE MILLIMETERS(尺寸单位:毫米)

	螺纹代号 Thread Code		型号 Type	螺纹代号 Thread Code		板厚代号 Shank Code	L Nom	最小板厚(最小-最大) Min Sheet Thick (Min-Max)	C ±0.06	E ±0.25	G ±0.4	T1 ±0.2	T2 Nom	B Min	D +0.08	N ±0.25	M Min	螺丝刀尺寸 Driver Size
	英制 Unified	公制 Metric		英制 Unified	公制 Metric													
METRLC(公制)	.112-40 (#4-40)	M3×0.5	PF51 PF16	440	M3	0	3.4	0-1.6	4.9	10.5	5.1	13.8	11.9	2.8	6.4	7.8	9.4	#2
						1					6.5	15.3						
						2					8.2	16.9						
	.112-40 (44-40)	M3×0.5	PF52 PF26	440	M3	0	4.2	1.6-2.5	4.9	10.5	6.5	15.3	11.9	3.6	6.4	7.8	9.4	#2
						1					8.2	16.9						
	.138-32 (#6-32)	M3.5×0.6	PF51 PF16	632	M3.5	0	3.7	0-1.6	5.7	11.5	7.2	17.8	15.4	2.9	7.2	8.6	10.3	#2
						1					8.8	19.4						
						2					10.4	21						
	.138-32 (#6-32)	M3.5×0.6	PF52 PF26	632	M3.5	0	4.5	1.6-2.5	5.7	11.5	8.8	19.4	15.4	3.7	7.2	8.6	10.3	#2
						1					10.4	21						
	.164-32 (#8-32)	M4×0.7	PF51 PF16	832	M4	0	4	0-1.6	7.3	13	7.3	18.5	16.2	3.1	8.8	10.2	12	#2
						1					8.8	20						
						2					10.4	21.6						
	.164-32 (#8-32)	M4×0.7	PF52 PF26	832	M4	0	4.8	1.6-2.5	7.3	13	8.8	20	16.2	3.9	8.8	10.2	12	#2
						1					10.4	21.6						
	.190-32 (#10-32)	M5×0.8	PF51 PF16	032	M5	0	4	0-1.6	7.3	13	7.3	18.5	16.2	3.1	8.8	10.2	12	#2
						1					8.8	20						
						2					10.4	21.6						
	.190-32 (#10-32)	M5×0.8	PF52 PF26	032	M5	0	4.8	1.6-2.5	7.3	13	8.8	20	16.2	3.9	8.8	10.2	12	#2
						1					10.4	21.6						
	.250-20 (1/4-20)	M6×1	PF51 PF16	0420	M6	0	4	0-1.6	8.9	14.7	8.8	22.1	20	3.3	10.5	11.9	13.5	#3
						1					10.4	23.7						
						2					12	25.3						
	.250-20 (1/4-20)	M6×1	PF52 PF26	0420	M6	0	4.8	1.6-2.5	8.9	14.74	10.4	23.7	20	4.1	10.5	11.9	13.5	#3
						1					12	25.3						

弹簧螺钉PANEL FASTENERS

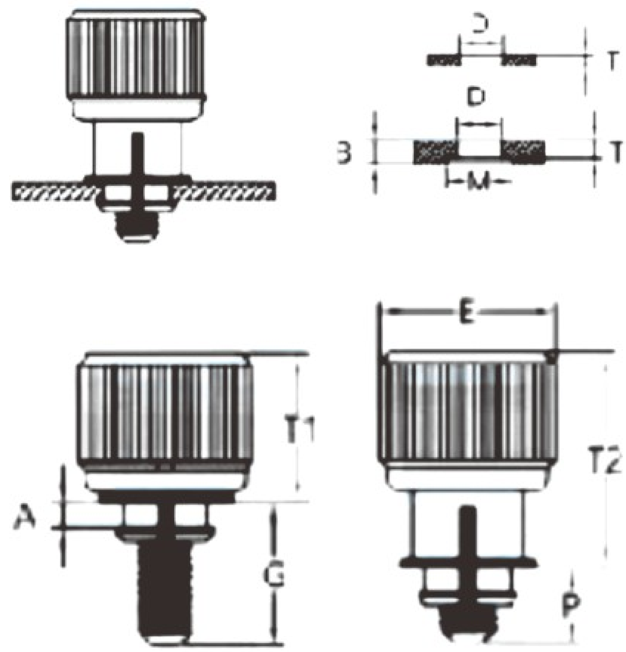
PF53

PF53 | 11 | M3 | 0 | BL

PF53	11	M3	0	BL
类型和材料 Type and Material	板厚代码 Shank Code	螺纹编码 Thraad Coda	螺丝长度编码 Shank Lergth Code	表面处理 Frish

Knob: Aluminum 旋钮：铝
Ferrule: Aluminum 铆套：铝
Screw: 300 Series Stainless Steel 螺钉：304不锈钢
Spring: 300 Series Stainless Steel 弹簧：304不锈钢

安装方法INSTALLATION



ALL DIMENSIONS ARE MILLIMETERS(尺寸单位:毫米)

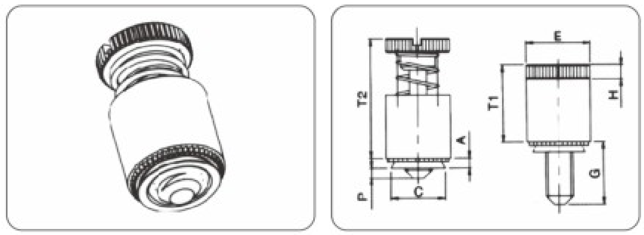
	螺纹尺寸 Thread Size		型号 Type	螺纹编码 Thread Code		板厚代码 Shank Code	A Nom 名义值	板厚尺寸 Sheet Thickness A in-Max	E ±0.25	螺丝长度代码 Shank Length Code	P ±0.64	G ±0.64	T1 ±0.4	T2 ±0.4	B Min	D +0.08	M Min	槽型 Driver Size
	英制 Unified	公制 Metric		英制 Unified	公制 Metric													
METRLC(公制)	.138-32 (#6-32)	M3.5×0.6	PF53	632	M3.5	11	1.1	0.5-1.0	11.5	0	0.8	5.6	10.6	15.4	2.0	6.4	7.5	#2
										1	2.4	7.2						
										2	4.0	8.8						
										3	5.0	10.4						
						17	1.7	1.0-1.6		1	2.4	7.2			2.6			#2
										2	4.0	8.8						
										3	5.6	10.4						
	.164-32 (#8-32)	M4×0.7	PF53	832	M4	11	1.1	0.5-1.0	13	0	1.2	5.7	11.2	15.7	2.0	6.4	7.5	#2
										1	2.8	7.3						
										2	4.3	8.8						
										3	5.9	10.4						
						17	1.7	1.0-1.6		1	2.8	7.3			2.6			#2
										2	4.3	8.8						
										3	5.9	10.4						
						26	2.6	1.6-2.5		1	2.8	7.3			3.5			#2
										2	4.3	8.8						
										3	5.9	10.4						
	.190-32 (#10-32)	M5×0.8	PF53	032	M5	11	1.1	0.5-1.0	13	0	1.2	5.7	11.2	15.7	2.0	6.4	7.5	#2
										1	2.8	7.3						
										2	4.3	8.8						
										3	5.9	10.4						
						17	1.7	1.0-1.6		1	2.8	7.3			2.6			#2
										2	4.3	8.8						
										3	5.9	10.4						
						26	2.6	1.6-2.5		1	2.8	7.3			3.5			#2
										2	4.3	8.8						
										3	5.9	10.4						

压铆型面板螺钉组件 PRESS-IN STYLE CAPTIVE PANEL FASTENER ASSEMBLIES

PFS2,PFC2

PF51	M3	0	BL
型号和材料 Type and Material	螺纹码 Thread code	螺钉长度码 Screw Length Code	终处理码 Finish Code

安装方法INSTALLATION



PFS2材质和标准终处理
PFS2 Materials and Standard Finishes

螺钉和铆压套:热处理碳钢，铜底亮镍
Screw and Retainer: Heat-Treated Carbon Steel
弹簧:300系列不锈钢
Spring:300 Series Stainless Steel
适用板材硬度:等于或小于HRB80
For Usein Sheet Hardness: 80 or less on the Rockwell "B" Scale

PFC2材质和标准终处理
PFC2 Series Materials and Standard Finishes

骡钉和铆压套 :300系列不锈钢
Screw and Retainer : 300 Series Stainless Steelpassivated
弹簧:300系列不锈钢Sprinq:300 Series Stainless Steel
适用板材硬度:等于或小于HRB70
For Use in Sheet Hardness:70 or less on the Rockwell "B" Scale

	螺纹规格 Thread Size	型号 Type 钢 Steel	型号 Type 不锈钢 Stainless Steels	螺纹码 Thread Code	螺钉长度码 Screw Length Code	A (Shank) Max	最小板厚 Min Sheet Thick	板孔尺寸 Hole Size IN Sheet+0.08	C Max	E ±0.25	G ±0.64	H ±0.13	P ±0.64	T1 Nom	T2 Nom	孔中心至板边最小距离 Min Dist HoleC/LTo Edge
METRLC(公制)	M3×0.5	PFS2	PFC2	M3	40	1.53	1.53	6.73	6.71	7.92	6.4	1.83	0	9.14	13.72	6.35
					62						9.5		3.2			
	M4×0.7	PFS2	PFC2	M4	50	1.53	1.53	7.92	7.9	9.53	7.9	2.08	0	11.43	17.53	7.87
					72						11.1		3.2			
					94						14.3		6.4			
	M5×0.8	PFS2	PFC2	M5	50	1.53	1.53	8.74	8.72	10.31	7.9	2.08	0	11.47	17.53	8.63
					72						11.1		3.2			
					94						14.3		6.4			
	M6×1	PFS2	PFC2	M6	60	1.53	1.53	10.49	10.47	11.89	9.5	2.46	0	14.73	22.35	9.05
					82						12.7		3.2			
					04						15.9		6.4			
UNIFIED(英制)	.112-40 (#4-40)	PFS2	PFC2	440	40	.060	.060	.265	.264	.312	.250	.072	.000	.360	.540	25
					62						.375		.125			
	.138-32 (#6-32)	PFS2	PFC2	632	40	.060	.060	.281	.280	.344	.250	.072	.000	.360	.540	.280
					62						.375		.125			
					84						500		.250			
	.164-32 (#8-32)	PFS2	PFC2	832	50	.060	.060	.312	.311	.375	.312	.082	.000	.450	.690	.310
					72						.437		.125			
					94						.562		.250			
	.190-32 (#10-32)	PFS2	PFC2	032	50	.060	.060	.344	.343	.406	.312	.082	.000	.450	.690	.340
					72						.437		.125			
					94						.562		.250			
	.250-20 (1/4-20)	PFS2	PFC2	0420	60	.060	.060	.413	.412	.468	.375	.097	.000	.580	.880	.380
					82						.500		.125			
					04						.625		.250			

压铆型面板螺钉组件 PRESS-IN STYLE CAPTIVE PANEL FASTENER ASSEMBLIES

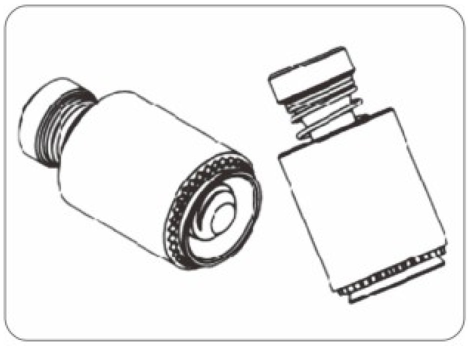
PFC2P

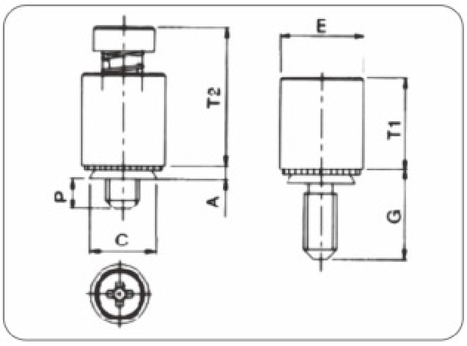
PFC2P	M3	40
型号 Type	螺纹码 Thread code	螺钉长度码 Screw Length Code

材质和标准终处理
Materials and Standard Finishes

螺钉:300或400系列不锈钢
Screw : 300 or 400 Series Stainless Steel
铆压套:300系列不锈钢
Retainer: 300 Series Stainless Steel
弹簧:300系列不锈钢
Spring:300 Series Stainless Steel
适用板材硬度:等于或小于HRB70
For Ilsein Sheet Hardness:70 or lesson the Rockwell "B" Scale

安装方法INSTALLATION





	螺纹规格 Thread Size	型号 Type	螺纹码 Thread Code	螺钉长度码 Screw Length Code	A (Shank) max	最小板厚 Min sheet Thick	板孔尺寸 Hole Size In sheet +0.08	C max	E ±0.25	G ±0.64	P ±0.64	T1 Nom	T2 Nom	螺刀尺寸 Dricer size	孔中心至板边最小距离 Min.Dist. HoleC/L To Edge
METRLC(公制)	M3X0.5	PFC2P	M3	40 62	1.53	1.53	6.73	6.71	7.92	6.4 9.5	0 3.2	9.4	13.72	#1	6.35
	M4X0.7	PFC2P	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	12.19	17.91	#2	7.87
	M5X0.8	PFC2P	M5	50 72 94	1.53	1.53	8.74	8.72	10.31	7.9 11.1 14.3	0 3.2 6.4	12.45	17.91	#2	8.63
	M6X1.0	PFC2P	M6	60 82 04	1.35	1.35	10.49	10.47	11.89	9.5 12.7 15.9	0 3.2 6.4	15.75	22.99	#3	9.65
UNIFIED(英制)	.112-40 (#4-40)	PFC2P	440	40 62	.060	.060	.265	.264	.312	.250 .375	.000 .125	.370	.540	#1	25
	.138-32 #(4-40)	PFC2P	632	40 62 84	.060	.060	.281	.280	.344	.250 .375 .500	.000 .125 .250	.380	.540	#2	28
	.164-32 (#8-32)	PFC2P	832	50 72 94	.060	.060	.312	.311	.375	.312 .437 .562	.000 .125 .250	.480	.705	#2	31
	.190-32 (#10-32)	PFC2P	032	50 72 94	.060	.060	.344	.343	.406	.312 .437 .562	.000 .125 .250	.490	.705	#2	34
	.250-20 (1/4-20)	PFC2P	0420	60 82 04	.060	.060	.431	.412	.468	.375 .500 .625	.000 .125 .250	.620	.905	#3	38

弹性柱销 SPRING-LOADED PLUNGER ASSEMBLIES

PTL2,PSL2

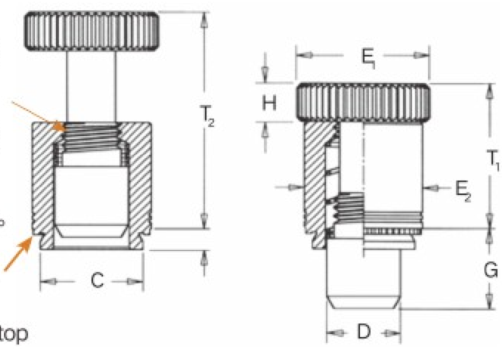
PTL2	04	4	CN
型号 Type	直径代码 Plunger Diameter Code	长度代码 Plunger Length Code	表面处 理代码 Finish Code

安装方法INSTALLATION

护圈
Retainer

塞子
Stopper

Lockout feature holdsplunger in retractedposition. Simplyretract and twistto engage lockoutfeature.
锁定功能可将柱塞保持在缩回位置。只需缩回并扭转，即可锁定锁定功能。

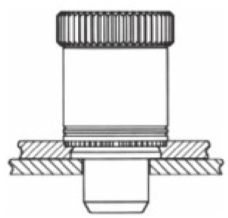


Shoulder provides positive stop during installation.
肩部可在安装过程中提供可靠的止动。

Clinching profile may vary.
拧紧轮廓可能会有所不同。

Plunger: Hardened Carbon Steel 柱塞：加硬铁
Retainer: Hardened Carbon Steel 保持器：加硬铁
Spring: 300 Series Stainless Steel 弹簧： 300 系列不锈钢

PTL2/PSL2 installed and withmating panel. Minimum matinghole diameter .251" / 6.38 mm.
已安装 PTL2/PSL2 并配有配接面板。
`最小配接孔直径为 0.251 英寸 / 6.38 毫米。



ALL DIMENSIONS ARE IN INCHES(尺寸单位:英寸)

UNIFIED(英制)	型号 Type	直径代码 Plunger Diameter Code	长度代码 Plunger Length Code	A (Shank) Max	最小板厚 Min. Sheet Thickness	安装板孔尺寸 Hole Size IN Sheet +.003-.000	C Max	D +.000 -.005	E_1 ±.010	E_2 ±.010	G ±.010	H ±.010	T_1 ±.010	T_2 Nom	孔中心至板边最小距离 Min Dist HoleC/LTo Edge
	PTL2	04	4	.058	.060	.328	.327	.250	.50	.406	.310	.17	.595	.895	.34
	PSL2[1]	04	4	.058	.060	.328	.327	.250	.50	.406	.310	.17	.510	.780	.34

ALL DIMENSIONS ARE MILLIMETERS(尺寸单位:毫米)

METRLC(公制)	型号 Type	直径代码 Plunger Diameter Code	长度代码 Plunger Length Code	A (Shank) Max	最小板厚 Min. Sheet Thickness	安装板孔尺寸 Hole Size IN Sheet +0.08	C Max	D -0.13	E_1 ±0.25	E_2 ±0.25	G ±0.25	H ±0.25	T_1 ±0.25	T_2 Nom	孔中心至板边最小距离 Min Dist HoleC/LTo Edge
	PTL2	04	4	1.47	1.53	8.33	8.31	6.35	12.7	10.3	7.87	4.32	15.11	22.73	8.64
	PSL2[1]	04	4	1.47	1.53	8.33	8.31	6.35	12.7	10.3	7.87	4.32	15.11	19.81	8.64

NOTE:Without lockout feature. Available on special order.
注：无锁定功能。可特别订购。

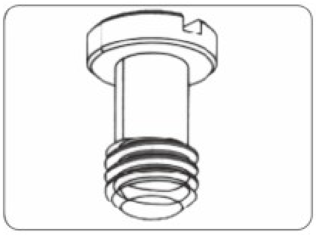
平齐安装螺钉 FLUSH-MOUNTED SCREWS

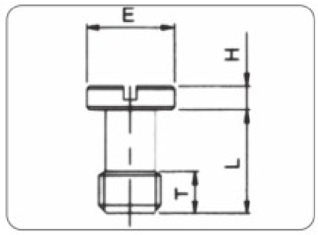
PS10

PS10 — 型号 Type

M3 — 螺纹码 Thread code

40 — 螺钉长度码 Screw Length Code





材质和标准终处
Materials and Standard Finishes

300系列不锈钢，钝化
300 Series Stainless Steel,passivated

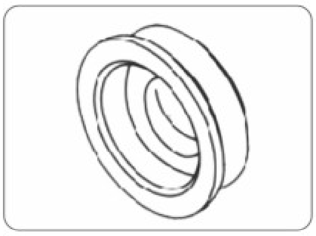
	螺纹规格 Thread Size	型号 Type	螺纹码 Thread Code	螺钉长度码 Screw Length Code	E Nom	H +0.05 -0.15	L ±0.25	T Nom
METRLC(公制)	M3X0.5	PS10	M3	40	4.7	1.91	8.38	3.3
	M4X0.7	PS10	M4	40	6.3	1.91	8.38	3.3
	M5X0.8	PS10	M5	40	7.1	1.91	8.38	3.3
UNIFIED(英制)	.112-40 #(4-40)	PS10	440	40	.18	.075	.33	.13
	.138-32 (#6-32)	PS10	632	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

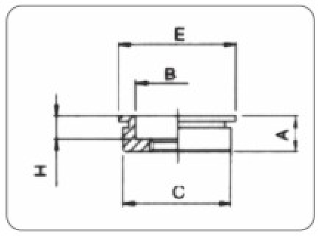
平齐安装固定器FLUSH-MOUNTED RETAINERS

PR10

PR10 — 型号 Type

M3 — 螺纹码 Thread code





材质和标准终处
Materials and Standard Finishes

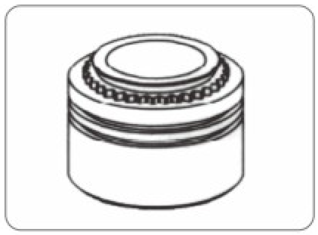
300系列不锈钢，钝化
300 Series Stainless Steelpassivated
适用板材硬度:等于或小于HRB70
For Usein Sheet Hardness:70 or less on the Rockwell "B" Scale

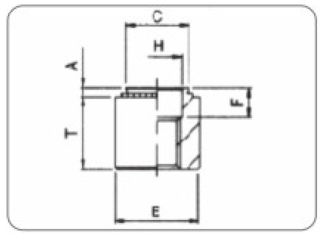
	螺纹规格 Thread Size	型号 Type	螺纹码 Thread Code	A Max	自扣紧安装最小板厚 Min.Sheet For flush Installion	平齐安装板厚 flush mount plate thickness	安装孔径 Hole Size In sheet +0.08	B Nom	C Max	E Nom	H Nom	孔中心至板边最小距离 Min.Dist. Hole C/L To Edge
METRLC(公制)	M3×0.5	PR10	M3	3.18	1.27	3.18	7.14	4.75	7.12	7.87	1.91	7.87
	M4×0.7	PR10	M4	3.18	1.27	3.18	8.74	6.48	8.72	9.53	1.91	8.64
	M5×0.8	PR10	M5	3.18	1.27	3.18	9.53	7.37	9.50	10.41	1.91	9.14
UNIFIED(英制)	.112-40 #(4-40)	PR10	440	.125	.050	.125	.281	.195	.028	.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

自扣紧连接螺母 SELF-CLINCHING RECPTACLE NUTS

N10

N10 — 型号 Type
M3 — 螺纹码 Thread code
1 — 尾部码 Shank Code
ZI — 镀覆码 Finish code





材质和标准终处
Materials and Standard Finishes

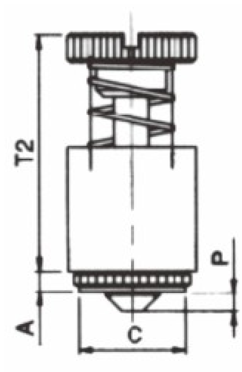
热处理碳钢，镀锌铬酸盐处理加密封，加硬碳钢
Retainer: Heat-Treated Carbon Steel,Zinc Plate Chromate Plus Sealer
Hardened carbon steel
适用板材硬度:等于或小于HRB80
For Usein Sheet Hardness:
80 or less on the Rockwell "B" Scale

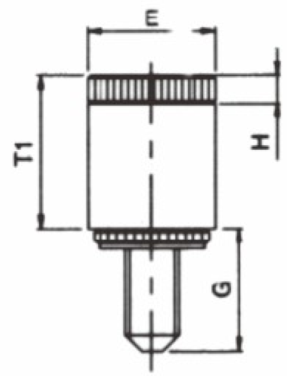
	螺纹规格 Thread Size	型号 Type	螺纹码 Thread Code	柄部码 Shank Code	A Max	最小板厚 Min Sheet Thickness	板孔尺寸 Hole size In sheet Thickness	C Max	E Nom	F ±0.25	H Nom	T ±0.25	孔中心至板边最小距离 Min Dist. Hole C/L To Edge
METRLC(公制)	M3X0.5	N10	M3	1	0.97	1	4.75	4.73	7.11	3.3	3.2	6	5.59
	M4X0.7	N10	M4	1	0.97	1	6.35	6.33	8.64	3.3	4.75	6	7.11
	M5X0.8	N10	M5	1	0.97	1	7.04	7.01	9.53	3.3	5.41	6	7.87
UNIFIED(英制)	.112-40 #(4-40)	N10	400	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

压铆型面板螺钉组件 PRESS-IN STYLE CAPTIVE PANEL FASTENER ASSEMBLIES

PFK

PFK — 型号 Type
M3 — 螺纹码 Thread code
40 — 螺钉长度码 Screw Length Code





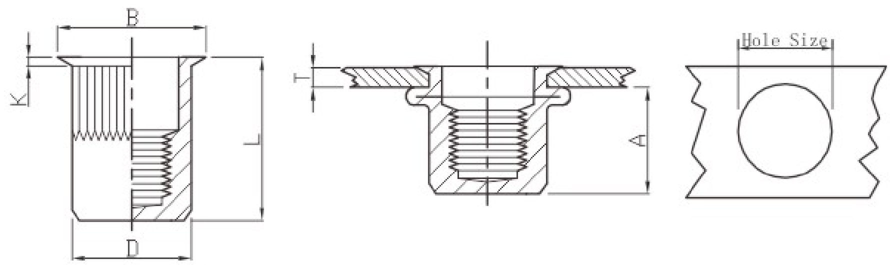
材质和标准终处
Materials and Standard Finishes

螺钉:300系列不锈钢
Screw: 300 Series Stainless Steel
铆压套:300系列不锈钢
Retainer: 300 Series Stainless Steel
弹簧:300系列不锈钢
Spring: 300 Series Stainless Steel
适用板材硬度:等于或小于HRB70
For Usein Sheet Hardness:70 or less on the Rockwell "B" Scale

	螺纹规格 Thread Size	型号 Type	螺纹码 Thread Code	螺纹长度码 Screw Length Code	A Max	最小板厚 Min Sheet Thickness	板孔尺寸 Hole size In sheet Thickness	C Max	E Nom	G ±0.4	H ±0.13	P ±0.64	T1 Max	T2 Nom	孔中心至板边最小距离 Min .Dist. Hole C/L To Edge
METRLC(公制)	M3x0.5	PFK	M3	40	1.5	1.53	6.73	7.19	7.92	6.4	1.83	0	9.14	13.72	5.08
				62						9.5		2.3			
				84						12.7		6.4			
UNIFIED(英制)	.112-40 #4-40	PFK	440	40	.060	.060	.265	.283	.312	.250	.072	.00	.36	.54	.20
				62						.375		.125			
				84						0.500		.250			
	.138-32 #6-32	PFK	632	40	.060	.060	.281	.299	.344	.250	.072	.00	.36	.54	.26
				62						.375		.125			
				84						.500		.250			

小沉头竖条纹 Reduce Head / Knurled Body

RH-KB



RH-KB
Material : Steel
材质：铁

(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)

螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M3×0.5	RH-KB-0320	0.5	2.0	5.0	6.2	4.9	6.0	0.5	9.0
M4×0.7	RH-KB-0420	0.5	2.0	6.0	7.0	5.9	7.0	0.5	11.2
M4×0.7	RH-KB-0440	2.0	4.0	6.0	7.0	5.9	7.0	0.5	13.0
M5×0.8	RH-KB-0520	0.5	2.0	7.0	7.0	6.9	8.0	0.5	11.5
M5×0.8	RH-KB-0540	2.0	4.0	7.0	7.0	6.9	8.0	0.5	13.0
M6×1.0	RH-KB-0625	0.5	2.5	9.0	8.5	8.9	10.0	0.6	14.0
M6×1.0	RH-KB-0650	2.5	5.0	9.0	8.5	8.9	10.0	0.6	16.0
M8×1.25	RH-KB-0830	0.5	3.0	11.0	10.0	10.9	12.0	0.65	16.5
M8×1.25	RH-KB-0850	3.0	5.0	11.0	10.0	10.9	12.0	0.65	18.5
M10×1.5	RH-KB-1035(12H)	1.0	3.5	12.0	12.5	11.9	13.0	0.7	19.5
M10×1.5	RH-KB-1035	1.0	3.5	13.0	12.5	12.9	14.0	0.7	19.5
M10×1.5	RH-KB-1060	3.5	6.0	13.0	12.5	12.9	14.0	0.7	22.0
M12×1.75	RH-KB-1240	1.0	4.0	16.0	16.2	15.9	17.6	0.75	24.2

RH-KB/SS
Material : Stainless Steel
材质：不锈钢

(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)

螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M4×0.7	RH-KB/SS-0420	0.5	2.0	6.0	6.5	5.9	7.0	0.5	10.5
M5×0.8	RH-KB/SS-0520	0.5	2.0	7.0	7.2	6.9	8.0	0.5	11.5
M6×1.0	RH-KB/SS-0625	0.5	2.5	9.0	8.7	8.9	10.0	0.6	14.0
M8×1.25	RH-KB/SS-0830	0.5	3.0	11.0	10.5	10.9	12.0	0.65	16.5
M10×1.5	RH-KB/SS-1040	1.0	3.5	13.0	10.7	12.9	14.0	0.7	17.7

RH-KB/AL
Material : Aluminum
材质：铝

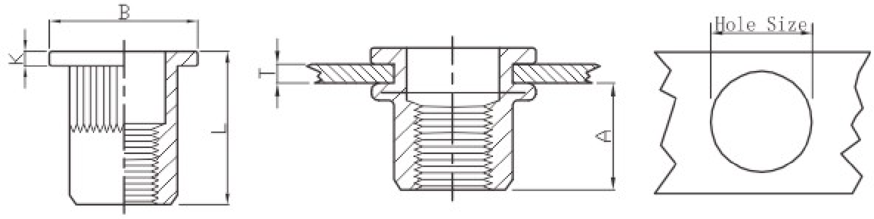
(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)

螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M4×0.7	RH-KB/AL-0420	0.5	2.0	6.0	6.0	5.9	7.0	0.5	10.5
M5×0.8	RH-KB/AL-0520	0.5	2.0	7.0	7.5	6.9	8.0	0.5	11.5
M6×1.0	RH-KB/AL-0625	0.5	2.5	9.0	9.2	8.9	10.0	0.6	14.0
M8×1.25	RH-KB/AL-0825	0.5	3.0	11.0	10.2	10.9	12.0	0.65	16.5
M10×1.5	RH-KB/AL-1030	1.0	3.0	13.0	11.5	12.9	14.1	0.7	17.7

平头菊花竖条纹 Flat Head /Knurled Body

FH-KB



FH-KB
Material：Steel
材质：铁

(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)										
螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M3×0.5	FH-KB-0315	0.5	1.5	5.0	6.0	4.9	8.0	0.8	10.0
M4×0.7	FH-KB-0420	0.5	2.0	6.0	6.0	5.9	9.0	0.8	10.5
M4×0.7	FH-KB-0435	2.0	3.5	6.0	6.0	5.9	9.0	0.8	12.0
M5×0.8	FH-KB-0525	0.5	2.5	7.0	7.5	6.9	10.0	1.0	13.0
M5×0.8	FH-KB-0550	2.5	5.0	7.0	8.5	6.9	10.0	1.0	16.5
M6×1.0	FH-KB-0630	0.5	3.0	9.0	9.2	8.9	12.3	1.3	15.5
M6×1.0	FH-KB-0655	3.0	5.5	9.0	10.5	8.9	13.0	1.3	19.5
M8×1.25	FH-KB-0835	1.0	3.5	11.0	11.5	10.9	14.5(16.0)	1.5	18.5
M8×1.25	FH-KB-0860	3.5	6.0	11.0	11.5	10.9	14.5(16.0)	1.5	21.0
M10×1.5	FH-KB-1040	1.0	4.0	13.0	13.5	12.9	17.0(19.0)	1.7	21.5
M10×1.5	FH-KB-1065	4.0	6.0	13.0	13.5	12.9	17.0(19.0)	1.7	24.0
M12×1.75	FH-KB-1240	1.0	4.0	15.0	13.5	14.9	18.0	1.7	22.0
M12×1.75	FH-KB-1265	4.0	6.5	15.0	14.0	14.9	18.0	1.7	25.0
M10×1.5	FH-KB-1035(12H)	1.0	3.5	12.0	11.0	11.9	16.0	1.6	19.0
M12×1.75	FH-KB-1240(16H)	1.0	4.0	16.0	15.0	15.9	22.0	2.0	25.0
M12	RH-KB-1260(16H)	3.5	6.0	16.0	16.0	15.9	22.0	2.0	28.0

FH-KB/SS
Material：Stainless Steel
材质：不锈钢

(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)									
螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M4×0.7	FH-KBSS-0420	0.5	2.0	6.0	6.5	5.9	9.0	0.8	10.5
M5×0.8	FH-KBSS-0525	0.5	2.5	7.0	8.0	6.9	10.0	1.0	13.0
M6×1.0	FH-KBSS-0630	0.5	3.0	9.0	9.2	8.9	12.3	1.3	15.5
M8×1.25	FH-KBSS-0835	1.0	3.5	11.0	11.5	10.9	14.5	1.5	18.5
M10×1.5	FH-KBSS-1040	1.0	4.0	13.0	13.5	12.9	17.0	1.6	21.0

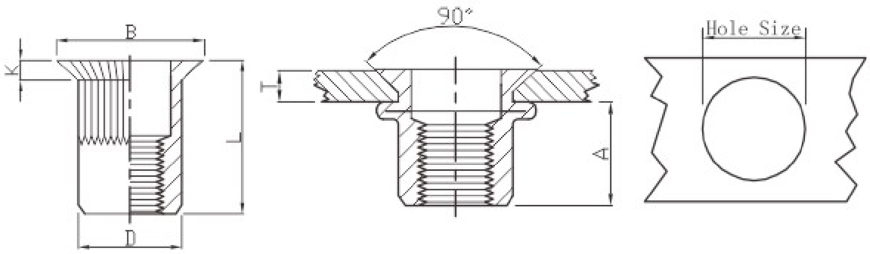
FH-KB/AL
Material：Aluminum
材质：铝

(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)									
螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M4×0.7	FH-KB/AL-0420	0.5	2.0	6.0	6.0	5.9	8.8	0.8	10.5
M5×0.8	EHKB/AL-0525.	0.5	2.5	7.0	7.5	6.9	10.0	1.0	13.0
M6×1.0	FH-KB/AL-0625	0.5	2.5	9.0	9.2	8.9	12.3	1.5	15.0
M8×1.25	FH-KB/AL-0825	1.0	3.0	11.0	10.2	10.9	14.3	1.5	16.5
M10×1.5	FH-KB/AL-1040	1.0	4.0	13.0	11.5	12.9	16.3	1.6	19.0

大沉头菊花竖条纹 Countersunk Head /Knurled Body

CH-KB



CH-KB
Material : Steel
材质：铁

(单位)Unit :mm

螺纹 Thread	编号 Part Number	T(Grip Range) Min	T(Grip Range) Max	孔径Hole Size +0.1	A	D +0.07/-0.1	B	K	L
M4×0.7	CH-KB-0430	1.5	3.0	6.0	6.5	5.9	9.0	1.5	12.0
M5×0.8	CH-KB-0535	1.5	3.5	7.0	7.5	6.9	10.0	1.5	13.0
M6×1.0	CH-KB-0640	1.5	4.0	9.0	9.0	8.9	12.0	1.5	15.5
M8×1.25	CH-KB-0845	2.0	4.5	11.0	11.0	10.9	14.0	1.5	18.5
M10×1.5	CH-KB-1050	2.0	5.0	13.0	13.0	12.9	16.0	1.5	21.0

Dimension and Performance Data(尺寸和性能数据)

CH-KB/SS
Material : Stainless Steel
材质：不锈钢

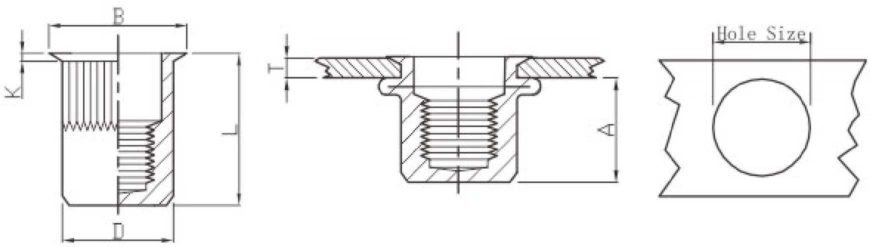
(单位)Unit :mm

螺纹 Thread	编号 Part Number	T(Grip Range) Min	T(Grip Range) Max	孔径Hole Size +0.1	A	D +0.07/-0.1	B	K	L
M4×0.7	CH-KB/SS-0430	1.5	3.0	6.0	7.5	5.9	9.0	1.5	12.0
M5×0.8	CH-KB/SS-0535	1.5	3.5	7.0	7.8	6.9	10.0	1.5	13.0
M6×1.0	CH-KB/SS-0640	1.5	4.0	9.0	9.0	8.9	12.0	1.5	15.5
M8×1.25	CH-KB/SS-0845	2.0	4.5	11.0	12.0	10.9	14.0	1.5	18.5
M10×1.5	CH-KB/SS-1050	2.0	5.0	13.0	13.0	12.9	16.0	1.5	21.0

Dimension and Performance Data(尺寸和性能数据)

小沉头竖条纹(英标) Reduce Head / Knurled Body－Imperial Hole

RH-KB-UK



RH-KB-UK
Material : Steel
材质：铁

(单位)Unit :mm

螺纹 Thread	编号 Part Number	T(Grip Range) Min	T(Grip Range) Max	孔径Hole Size +0.1	A	D +0.07/-0.1	B	K	L
M3×0.5	RH-KB-UK-0315	0.5	1.5	4.8	5.5	4.7	5.4	0.4	9.0
M4×0.7	RH-KB-UK-0420	0.5	2.0	6.5	6.5	6.3	7.0	0.5	10.5
M5×0.8	RH-KB-UK-0525	0.5	2.5	7.25	7.5	7.1	7.85	0.5	12.0
M6×1.0	RH-KB-UK-0630	1.0	3.0	9.6	9.2	9.5	10.3	0.6	15.0
M8×1.25	RH-KB-UK-0835	1.0	3.5	10.6	10.5	10.5	11.3	0.6	16.0
M10×1.5	RH-KB-UK-1040	1.0	4.0	12.8	12.8	12.7	13.8	0.65	20.0

Dimension and Performance Data(尺寸和性能数据)

(单位)Unit :mm

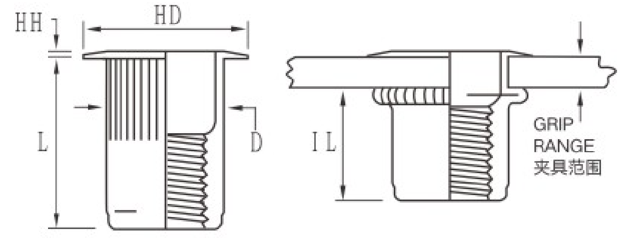
螺纹 Thread	编号 Part Number	T(Grip Range) Min	T(Grip Range) Max	孔径Hole Size +0.1	A	D +0.07/-0.1	B	K	L
6-32UNC	RH-KB-UK-063206	.02	.06	.189	.216	.185	.212	.015	.354
8-32UNC	RH-KB-UK-083208	.02	.08	.252	.256	.248	.275	.019	.413
10-24UNC	RH-KB-UK-102410	.02	.10	.283	.295	.279	.307	.019	.472
1/4-20UNC	RH-KB-UK-142012	.04	.12	.378	.362	.374	.406	.024	.591
5/16-18UNC	RH-KB-UK-5161814	.04	.14	.417	.413	.413	.449	.024	.630
3/8-16UNC	RH-KB-UK-381616	.04	.16	.504	.504	.500	.543	.024	.787

Dimension and Performance Data(尺寸和性能数据)

平头菊花竖条纹(美标) Flat Head Knurled Body-AVK

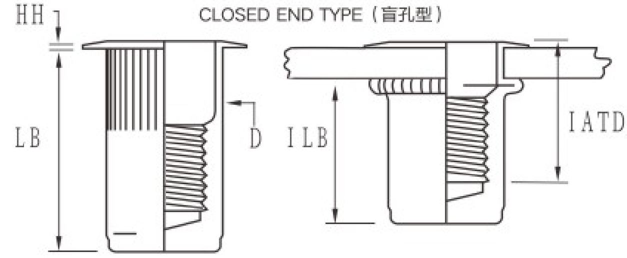
FH-KB-US

OPEN END TYPE 通孔型



Thread Specifications: Unifed 2B/2lper ASME B1.1 Metric 6H/21per ASME B1.13M
螺纹规格： 统一2B/2l符合ASME B1.1 标准 公制6H/21符合ASME B1.13M 标准

CLOSED END TYPE（盲孔型）



(单位)Unit :mm

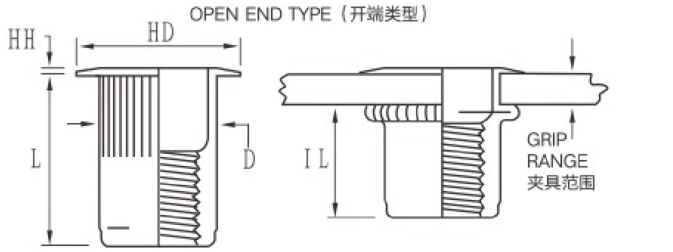
螺纹大小 Thread Size	线程呼出 Thread Call Out	握把范围 Grip Range	握力呼出 Grip Call Out	孔径大小 Hole Size +.006 -.000	HD ±.010 ±.205*	HH ±.003	L ±.015	D MAX.	IL MAX.	LB ±.015	ILB MAX.	IATD* MAX.
6-32 UNC	632	.020-.080	80	17/64(.2656)	.390	.030	.420	.265	.305	.740	.640	.610
6-32UNC	632	.080-.130	130	17/64(.2656)	.390	.030	.470	.265	.305	.740	.580	.670
8-32UNC	832	.020-.080	80	17/64(.2656)	.390	.030	.420	.265	.305	.740	.640	.610
8-32UNC	832	.080-.130	130	17/64(.2656)	.390	.030	.470	.265	.305	.740	.580	.670
10-24UNC	1024	.020-.130	130	19/64(.2969)	.415	.030	.475	.296	.315	.990	.845	.730
10-24UNC	1024	.130-.225	225	19/64(.2969)	.415	.030	.585	.296	.315	.990	.735	.840
10-32 UNF	1032	.020-.130	130	19/64(.2969)	.415	.030	.475	.296	.315	.990	.845	.730
10-32 UNF	1032	.130-.225	225	19/64(.2969)	.415	.030	.585	.296	.315	.990	.735	.840
1/4-20 UNC	420	.027-.165	165	25/64(.3906)	.500	.030	.580	.390	.380	1.190	1.005	.895
1/4-20 UNC	420	.165-.260	260	25/64(.3906)	.500	.030	.680	.390	.380	1.190	.905	1.035
5/16-18 UNC	518	.027-.150	150	17/32(.5312)	.685*	.035	.690	.530	.470	1.390	1.175	.995
5/16-18 UNC	518	.150-.312	312	17/32(.5312)	.685*	.035	.805	.530	.425	1.390	1.025	1.120
3/8-16 UNC	616	.027-.150	150	17/32(.5312)	.685*	.035	.690	.530	.470	1.390	1.175	.995
3/8-16 UNC	616	.150-.312	312	17/32(.5312)	.685*	.035	.805	.530	.425	1.390	1.025	1.120
1/2-13 UNC	813	.063-.200	200	11/16(.6875)	.865*	.047	1.150	.685	.850	2.365	2.070	1.505
1/2-13 UNC	813	.200-.350	350	11/16(.6875)	.865*	.047	1.300	.685	.850	2.365	1.920	1.505
1/2-13 UNC	813	.365-.500	500	11/16(.6875)	.865*	.047	1.450	.685	.860	2.365	1.770	1.505

(单位)Unit :mm

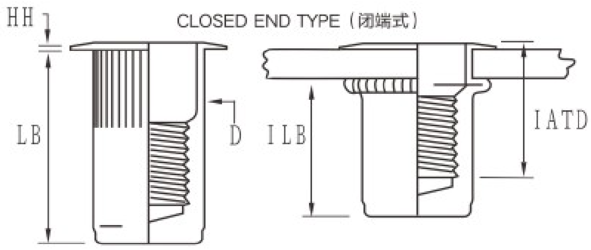
螺纹大小 Thread Size	线程呼出 Thread Call Out	握把范围 Grip Range	握力呼出 Grip Call Out	孔径大小 Hole Size +0.15 -.000	HD ±0,25 ±0,64*	HH ±.008	L ±0,38	D MAX.	IL MAX.	LB ±0,38	ILB MAX.	IATD* MAX.
M4×0,7 ISO	470	0,50-2,00	2.0	6,75	9.91	0,76	10,67	6,73	7,75	18,80	16,26	15,49
M4×0,7 ISO	470	2,00-3,30	3.3	6,75	9.91	0,76	11,94	6,73	7,75	18,80	14,73	17,02
M5×0,8 ISO	580	0,50-3,30	3.3	7,60	10,54	0,76	12,07	7,52	8,00	25,15	21,46	18,54
M5×0,8 ISO	580	3,30-5,70	5.7	7,60	10,54	0,76	14,86	7,52	8,00	25,15	18,67	21,34
M6×1,0 ISO	610	0,70-4,20	4.2	10,00	12,70	0,76	14,73	9.91	9,65	30,23	25,53	22,73
M6×1,0 ISO	610	4,20-6,60	6.6	10,00	12,70	0,76	17,27	9.91	9,65	30,23	22,99	26,29
M8×1,25 ISO	8125	0,70-3,80	3.8	13,50	17,40*	0,89	17,53	13,46	11,94	35,31	29,85	25,27
M8×1,25 ISO	8125	3,80-7,90	7.9	13,50	17,40*	0,89	20,45	13,46	10,80	35,31	26,04	28,45
M10×1,5 ISO	1015	0,70-3,80	3.8	13,50	17,40*	0,89	17,53	13,46	11,94	35,31	29,85	25,27
M10×1,5 ISO	1015	3,80-7,90	7.9	13,50	17,40*	0,89	20,45	13,46	10,80	35,31	26,04	28,45
M12×1,75 ISO	12175	1,60-5,10	5.1	17,45	21,97*	1,19	29,21	17,4	21,59	60,07	52,58	38,23
M12×1,75 ISO	12175	5,10-8,90	8.9	17,45	21,97*	1,19	33,02	17,4	21,59	60,07	48,77	38,23
M12×1,75 ISO	12175	8,90-12,7	12.7	17,45	21,97*	1,19	36,83	17,4	21,84	60,07	44,96	38,23

小沉头菊花竖条纹(美标) Small Flat Head Knurled Body-AVK

SFH-KB-US



Thread Specifications: Unifed 2B/2Iper ASME B1.1 Metric 6H/21per ASME B1.13M
螺纹规格： 统一2B/2I符合ASME B1.1 标准 公制6H/21符合ASME B1.13M 标准



(单位)Unit :mm

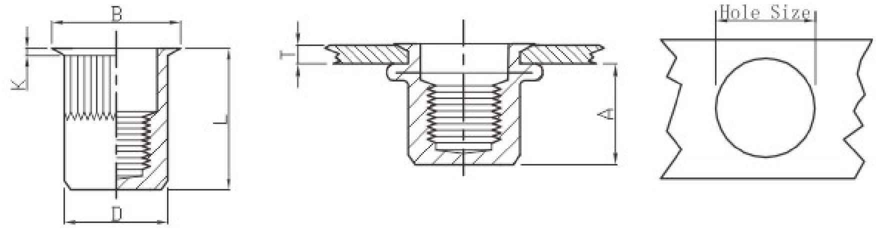
螺纹大小 Thread Size	线程呼出 Thread Call Out	握把范围 Grip Range	握力呼出 Grip Call Out	孔径大小 Hole Size +.006 -.000	HD ±.010	HH ±.002	L ±.015	D MAX.	IL MAX.	LB ±.015	ILB MAX.	IATD* MAX.
6-32 UNC	632	.020-.080	80	17/64(.2656)	.310	.019	.420	.265	.305	.740	.640	.610
6-32UNC	632	.080-.130	130	17/64(.2656)	.310	.019	.470	.265	.305	.740	.580	.670
8-32UNC	832	.020-.080	80	17/64(.2656)	.310	.019	.420	.265	.305	.740	.640	.610
8-32UNC	832	.080-.130	130	17/64(.2656)	.310	.019	.470	.265	.305	.740	.580	.670
10-24UNC	1024	.020-.130	130	19/64(.2969)	.340	.019	.475	.296	.315	.990	.845	.730
10-24UNC	1024	.130-.225	225	19/64(.2969)	.340	.019	.585	.296	.315	.990	.735	.840
10-32 UNF	1032	.020-.130	130	19/64(.2969)	.340	.019	.475	.296	.315	.990	.845	.730
10-32 UNF	1032	.130-.225	225	19/64(.2969)	.340	.019	.585	.296	.315	.990	.735	.840
1/4-20 UNC	420	.027-.165	165	25/64(.3906)	.455	.022	.580	.390	.380	1.190	1.005	.895
1/4-20 UNC	420	.165-.260	260	25/64(.3906)	.455	.022	.680	.390	.380	1.190	.905	1.035
5/16-18 UNC	518	.027-.150	150	17/32(.5312)	.595	.022	.690	.530	.470	1.390	1.175	.995
5/16-18 UNC	518	.150-.312	312	17/32(.5312)	.595	.022	.805	.530	.425	1.390	1.025	1.120
3/8-16 UNC	616	.027-.150	150	17/32(.5312)	.595	.022	.690	.530	.470	1.390	1.175	.995
3/8-16 UNC	616	.150-.312	312	17/32(.5312)	.595	.022	.805	.530	.425	1.390	1.025	1.120

(单位)Unit :mm

螺纹大小 Thread Size	线程呼出 Thread Call Out	握把范围 Grip Range	握力呼出 Grip Call Out	孔径大小 Hole Size +0,15 -0,00	HD ±0,25	HH ±0,05	L ±0,38	D MAX.	IL MAX.	LB ±0,38	ILB MAX.	IATD* MAX.
M4×0,7 ISO	470	0,50-2,00	2.0	6,75	7,87	0,48	10,67	6,73	7,75	18,80	16,26	15,49
M4×0,7 ISO	470	2,00-3,30	3.3	6,75	7,87	0,48	11,94	6,73	7,75	18,80	14,73	17,02
M5×0,8 ISO	580	0,50-3,30	3.3	7,60	8,64	0,48	12,07	7,52	8,00	25,15	21,46	18,54
M5×0,8 ISO	580	3,30-5,70	5.7	7,60	8,64	0,48	14,86	7,52	8,00	25,15	18,67	21,34
M6×1,0 ISO	610	0,70-4,20	4.2	10,00	11,56	0,55	14,73	9.91	9,65	30,23	25,53	22,73
M6×1,0 ISO	610	4,20-6,60	6.6	10,00	11,56	0,55	17,27	9.91	9,65	30,23	22,99	26,29
M8×1,25 ISO	8125	0,70-3,80	3.8	13,50	15,11	0,55	17,53	13,46	11,94	35,31	29,85	25,27
M8×1,25 ISO	8125	3,80-7,90	7.9	13,50	15,11	0,55	20,45	13,46	10,80	35,31	26,04	28,45
M10×1,5 ISO	1015	0,70-3,80	3.8	13,50	15,11	0,55	17,53	13,46	11,94	35,31	29,85	25,27
M10×1,5 ISO	1015	3,80-7,90	7.9	13,50	15,11	0,55	20,45	13,46	10,80	35,31	26,04	28,45

小沉头竖条纹（盲孔）Reduce Head/Knurled Body－Closed End

RH-KBC



RH-KBC
Material : Steel
材质：铁

(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)

螺纹 Thread	编号 Part Number	T(Grip Range) Min	T(Grip Range) Max	孔径Hole Size +0.1	A	D +0.07/-0.1	B	K	L
M4×0.7	RH-KBC-0420	0.5	2.0	6.0	11.0	5.9	7.0	0.5	15.0
M4×0.7	RH-KBC-0435	2.0	3.5	6.0	11.0	5.9	7.0	0.5	16.5
M5×0.8	RH-KBC-0520	0.5	2.0	7.0	12.5	6.9	8.0	0.5	16.5
M5×0.8	RH-KBC-0535	2.0	3.5	7.0	12.5	6.9	8.0	0.5	18.0
M6×1.0	RH-KBC-0630	0.5	3.0	9.0	15.5	8.9	10.0	0.5	20.5
M6×1.0	RH-KBC-0645	3.0	4.5	9.0	15.5	8.9	10.0	0.6	22.0
M8×1.25	RH-KBC-0830	0.5	3.0	11.0	17.0	10.9	12.0	0.6	23.0
M8×1.25	RH-KBC-0845	3.0	4.5	11.0	17.0	10.9	12.0	0.6	24.5
M10×1.5	RH-KBC-1030	1.0	3.0	13.0	18.2	12.9	14.0	0.7	24.5
M10×1.5	RH-KBC-1050	3.0	5.0	13.0	18.2	12.9	14.0	0.7	26.0

RH-KBC/SS
Material : Stainless Steel
材质：不锈钢

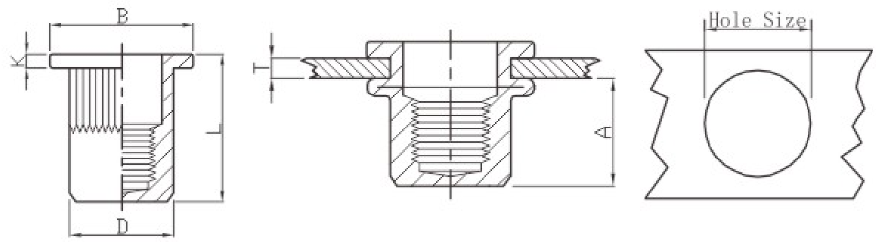
(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)

螺纹 Thread	编号 Part Number	T(Grip Range) Min	T(Grip Range) Max	孔径Hole Size +0.1	A	D +0.07/-0.1	B	K	L
M4×0.7	RH-KBC/SS-0420	0.5	2.0	6.0	11.2	5.9	7.0	0.5	15.0
M5×0.8	RH-KBC/SS-0520	0.5	2.0	7.0	11.5	6.9	8.0	0.5	16.5
M6×1.0	RH-KBC/SS-0625	0.5	2.5	9.0	15.0	8.9	10.0	0.6	20.5
M8×1.25	RH-KBC/SS-0830	0.5	3.0	11.0	17.5	10.9	12.0	0.65	23.0
M10×1.5	RH-KBC/SS-1035	1.0	3.5	13.0	18.0	12.9	14.0	0.7	24.5

平头竖条纹（盲孔）Flat Head/Knurled Body-Closed End

FH-KBC



FH-KBC
Material : Steel
材质：铁

(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)

螺纹 Thread	编号 Part Number	T(Grip Range) Min	T(Grip Range) Max	孔径Hole Size +0.1	A	D +0.07/-0.1	B	K	L
M4×0.7	FHKBC-0420	0.5	2.0	6.0	11.3	5.9	9.0	0.8	16.0
M4×0.7	FH-KBC-0440	2.0	4.0	6.0	11.3	5.9	9.0	0.8	18.0
M5×0.8	FH-KBC-0530	0.5	3.0	7.0	11.5	6.9	10.0	1.0	17.0
M5×0.8	FH-KBC-0550	2.5	5.0	7.0	11.5	6.9	10.0	1.0	19.0
M6×1.0	FH-KBC-0630	0.5	3.0	9.0	12.7	8.9	12.3	1.3	19.0
M6×1.0	FHKBC-0650	3.0	5.0	9.0	12.7	8.9	12.3	1.3	21.0
M8×1.25	FH-KBC-0830	0.5	3.0	11.0	14.8	10.9	15.0	1.5	21.5
M8×1.25	FH-KBC-0855	3.0	5.5	11.0	14.8	10.9	15.0	1.5	24.0
M10×1.5	FH-KBC-1040	1.0	4.0	13.0	19.2	12.9	17.0	1.6	27.0

FH-KBC/SS
Material : Stainless Steel
材质：不锈钢

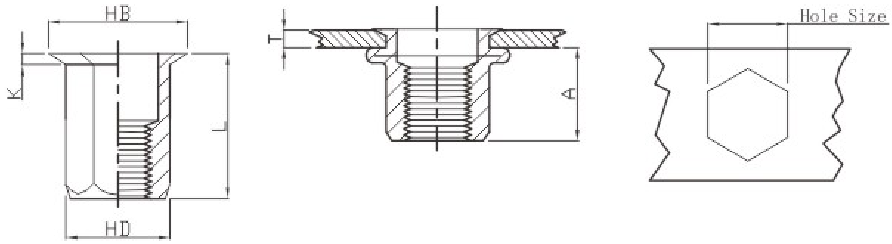
(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)

螺纹 Thread	编号 Part Number	T(Grip Range) Min	T(Grip Range) Max	孔径Hole Size +0.1	A	D +0.07/-0.1	B	K	L
M4×0.7	FH-KBC/SS-0420	0.5	2.0	6.0	11.8	5.9	9.0	0.8	16.0
M5×0.8	FH-KBC/SS-0525	0.5	2.5	7.0	12.0	6.9	10.0	1.0	17.0
M6×1.0	FH-KBC/SS-0630	0.5	3.0	9.0	12.7	8.9	12.3	1.3	19.2
M8×1.25	FH-KBC/SS-0835	1.0	3.5	11.0	14.2	10.9	15.0	1.5	21.5
M10×1.5	FH-KBC/SS-1040	1.0	4.0	13.0	18.0	12.9	17.0	1.6	27.0

小沉头全六角 Reduce Hex Head/Full-Hex Body

RHH-FHB



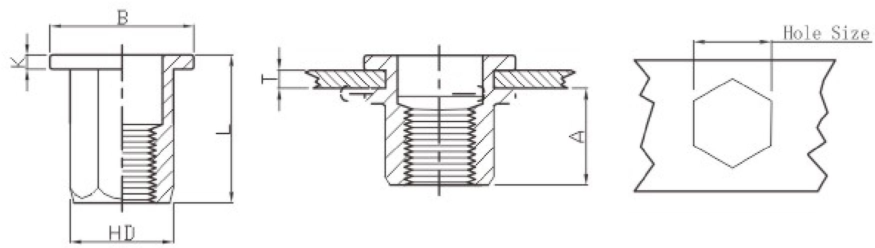
RHH-FHB
Material：Steel
材质：铁

(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)									
螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M4×0.7	RHH-FHB-0425	0.5	2.5	6.0	6.7	5.9	7.0	0.5	11.0
M4	RHH-FHB-0450	2.5	5.0	6.0	6.7	5.9	7.0	0.5	13.5
M5×0.8	RHH-FHB-0530	0.5	3.0	7.0	9.0	6.9	8.0	0.5	14.5
M5	RHH-FHB-0550	3.0	5.0	7.0	9.0	6.9	8.0	0.5	16.0
M6×1.0	RHH-FHB-0635	1.0	3.5	9.0	10.0	8.9	10.0	0.6	16.0
M6	RHH-FHB-0660	3.5	6.0	9.0	10.0	8.9	10.0	0.6	18.0
M8×1.25	RHH-FHB-0840	1.0	4.0	11.0	11.5	10.9	12.0	0.65	18.0
M8	RHH-FHB-0860	4.0	6.0	11.0	11.5	10.9	12.0	0.65	20.0
M10	RHH-FHB-1035	1.0	3.5	13.0	12.5	12.9	14.5	0.75	19.0
M10	RHH-FHB-1060	3.5	6.0	13.0	14.5	12.9	14.5	0.75	23.5

平头全六角 Flat Hex Head/Full-Hex Body

FH-FHB



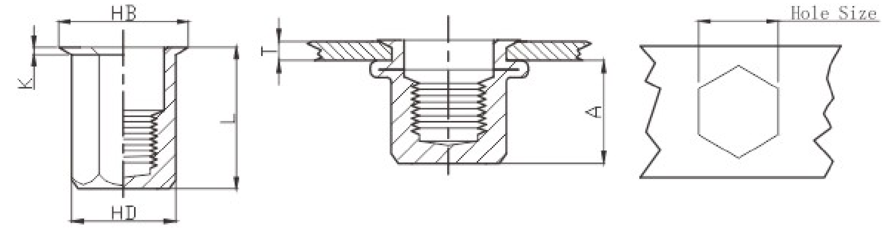
FH-FHB
Material：Steel
材质：铁

(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)									
螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M4×0.7	FH-FHB-0420	0.5	2.0	6.0	6.5	5.9	9.0	0.8	11.0
M5×0.8M	FH+FHB-0525	0.5	2.5	7.0	8.0	6.9	10.0	1.0	14.0
6×1.0	FH-FHB-0630	0.5	3.0	9.0	8.5	8.9	12.7(13.0)	1.35	15.0(16.0)
M8×1.25	FH-FHB-0835	1.0	3.5	11.0	10.5	10.9	16.0	1.5	18.0
M10×1.5	FH-FHB-1035	1.0	3.5	13.0	12.5	12.9	18.0(19.0)	1.7	21.0(23.0)
M12×1.75	FHHFHB-1240	1.0	4.0	15.0	14.0	14.9	20.0	1.7	23.0
M10×1.5	FH-FHB-1035(12H)	1.0	3.5	12.0	13.5	11.9	18.0	1.7	21.0
M12	FH-FHB-1250(16H)	2.0	5.0	16.0	16.5	15.9	23.0	2.0	27.0

小沉头全六角（盲孔）Reduce Hex Head/Ful-HexBody－Closed End

RHH-FHBC



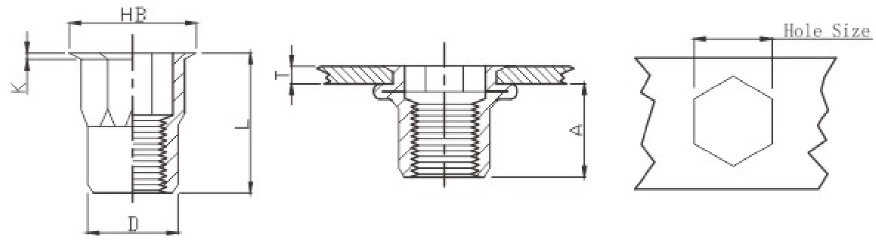
RHH-FHBC
Material：Steel
材质：铁

(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)									
螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M4×0.7	RHH-FHBC-0425	0.5	2.5	6.0	12.3	5.9	7.0	0.5	16.0
M5×0.8	RHH-FHBC-0530	0.5	3.0	7.0	15.2	6.9	8.0	0.5	20.0
M6×1.0	RHH-FHBC-0635	0.5	3.5	9.0	14.5	8.9	10.0	0.6	20.5
M8×1.25	RHH-FHBC-0840	1.0	4.0	11.0	17.0	10.9	12.0	0.65	23.0
M10×1.5	RHH-FHBC-1045	1.0	4.5	13.0	20.0	12.9	14.0	0.75	28.5

不锈钢小沉头内外六角（盲孔）Reduce Hex Head/Inner-Hex Body-Closed End

RHH-IHBC/SS



RHH-IHBC/SS
Material：Stainless Steel
材质：不锈钢

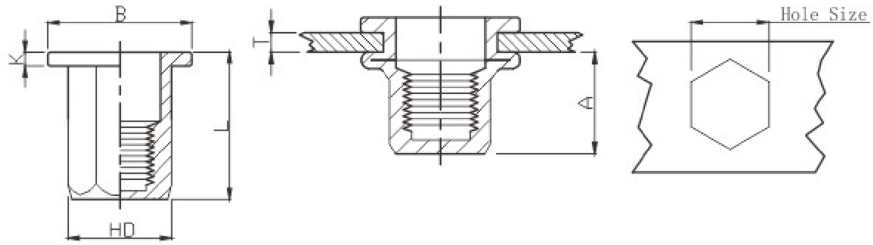
(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)									
螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M4×0.7	RHH-IHBC/SS-0420	0.5	2.0	6.0	11.5	5.9	7.0	0.5	15.5
M5×0.8	RHH-IHBC/SS-0525	0.5	2.5	7.0	13.5	6.9	8.0	0.5	18.0
M6×1.0	RHH-HBC/SS-0635	0.5	3.5	9.0	15.8	8.9	10.0	0.6	21.5
M8×1.25	RHH-HBC/SS-0840	1.0	3.5	11.0	18.2	10.9	12.0	0.65	24.0
M10×1.5	RHH-HBC/SS-1040	1.0	4.0	13.0	23.2	12.9	14.0	0.75	30.5

平头全六角（盲孔）Flat Head/Full-Hex Body-Closed End

FH-FHBC

FH-FHBC
Material：Steel
材质：铁



(单位)Unit :mm

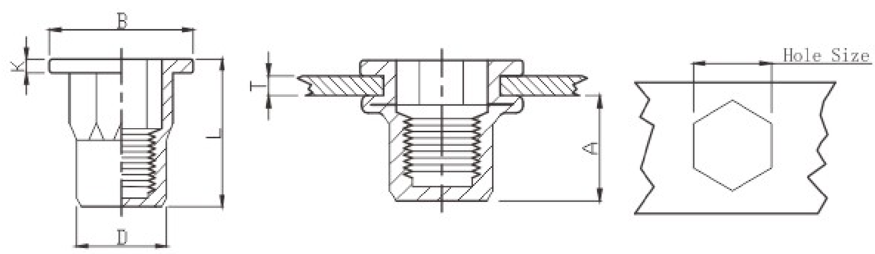
螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M4×0.7	FH-FHBC-0420	0.5	2.0	6.0	11.0	5.9	9.0	1.0	15.0
M5×0.8	FH-FHBC-0525	0.5	2.5	7.0	13.5	6.9	10.0	1.0	18.0
M6×1.0	FH-FHBC-0630	0.5	3.0	9.0	17.0	8.9	12.7	1.5	23.0
M8×1.25	FH-FHBC-0835	1.0	3.5	11.0	19.0	10.9	16.0	1.5	26.0
M10×1.5	FH-FHBC-1040	1.0	4.0	13.0	25.0	12.9	19.0	2.0	33.0

Dimension and Performance Data(尺寸和性能数据)

不锈钢平头内外六角（盲孔）Flat Head/Inner-Hex Body-Closed End

FH-IHBC/SS

FH-IHBC/SS
Material：Stainless Steel
材质：不锈钢



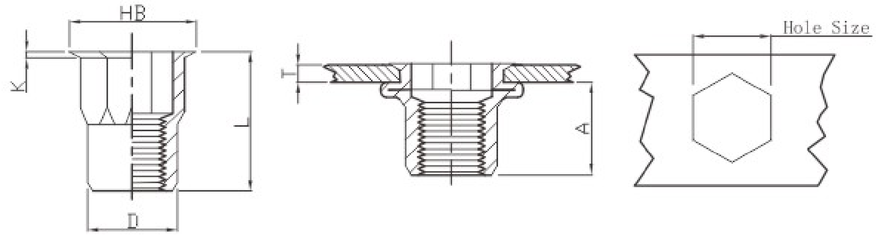
(单位)Unit :mm

螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M4×0.7	RHH-IHBC/SS-0420	0.5	2.0	6.0	11.5	5.9	9.0	1.0	16.0
M5×0.8	RHH-IHBC/SS-0525	0.5	2.5	7.0	13.5	6.9	10.0	1.0	18.5
M6×1.0	RHH-HBC/SS-0635	0.5	3.5	9.0	17.0	8.9	12.7	1.5	23.0
M8×1.25	RHH-HBC/SS-0840	1.0	3.5	11.0	18.2	10.9	16.0	1.5	25.0
M10×1.5	RHH-HBC/SS-1040	1.0	4.0	13.0	25.0	12.9	19.0	1.7	33.0

Dimension and Performance Data(尺寸和性能数据)

小沉头内外六角 Reduce Hex Head/Inner-HexBody

RHH-IHB



RHH-IHB
Material : Steel
材质：铁

(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)									
螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M4×0.7	RHH-IHB-0420	0.5	2.0	6.0	8.3	5.9	7.0	0.5	12.0
M5×0.8	RHH-HB-0525	0.5	2.5	7.0	8.7	6.9	8.0	0.5	13.0
M6×1.0	RHH-IHB-0635	1.0	3.0	9.0	10.5	8.9	10.0	0.6	16.0
M8×1.25	RHH-IHB-0835	1.0	3.5	11.0	11.3	10.9	12.0	0.65	17.5
M10×1.5	RHH-IHB-1040	1.0	4.0	13.0	12.8	12.9	14.5	0.75	21.0

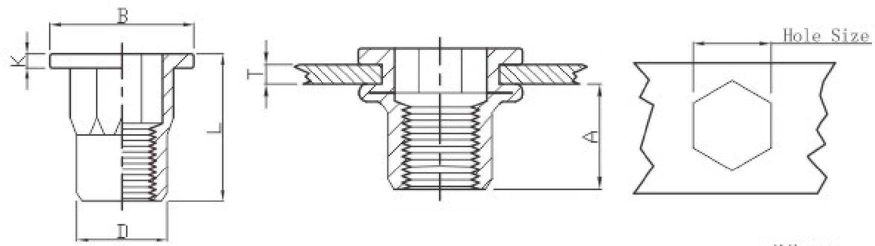
RHH-IHB/SS
Material : Stainless Steel
材质：不锈钢

(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)									
螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M4×0.7	RHH-HB/SS-0420	0.5	2.0	6.0	8.0	5.9	7.0	0.5	12.0
M5×0.8	RHH-HB/SS-0525	0.5	2.5	7.0	8.2	6.9	8.0	0.5	13.0
M6×1.0	RHH-HB/SS-0630	0.5	3.0	9.0	10.7	8.9	10.0	0.6	16.0
M8×1.25	RHH-HB/SS-0835	1.0	3.5	11.0	11.2	10.9	12.0	0.65	17.5
M10×1.5	RHH-HB/SS-1040	1.0	4.0	13.0	13.5	12.9	14.5	0.75	21.0

平头内外六角Flat Hex Head/Inner-HexBody

FH-IHB



FH-IHB
Material : Steel
材质：铁

(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)									
螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M4×0.7	FH-IHB-0420	0.5	2.0	6.0	8.3	5.9	9.0	0.8	11.0
M5×0.8	FH-IHB-0525	0.5	2.5	7.0	8.7	6.9	10.0	1.0	12.0
M6×1.0	FH-IHB-0630	1.0	3.0	9.0	10.5	8.9	12.7	1.3	15.5
M8×1.25	FH-IHB-0835	1.0	3.5	11.0	11.3	10.9	16.0	1.5	18.0
M10×1.5	FH-IHB-1035	1.0	3.5	13.0	12.8	12.9	18.0	1.7	21.0

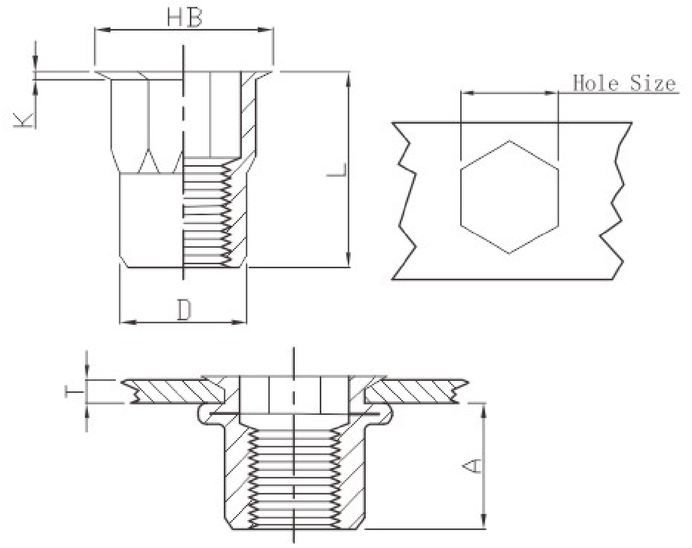
FH-IHB/SS
Material : Stainless Steel
材质：不锈钢

(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)									
螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M4×0.7	FH-HB/SS-0420	0.5	2.0	6.0	7.2	5.9	9.0	0.8	11.0
M5×0.8	FH-HB/SS-0525	0.5	2.5	7.0	7.5	6.9	10.0	1.0	12.0
M6×1.0	FH-IHB/SS-0630	0.5	3.0	9.0	9.2	8.9	12.7	1.3	15.5
M8×1.25	FH-IHB/SS-0835	1.0	3.5	11.0	11.0	10.9	16.0	1.5	18.0
M10×1.5	FH-IHB/SS-1040	1.0	4.0	13.0	13.2	12.9	18.0	1.7	21.0

小沉头内外六角（英标）Reduce Hex Head/Inner-Hex Body - Imperial Hole

RHH-IHB-UK



RHH-IHB-UK
Material : Steel
材质：铁

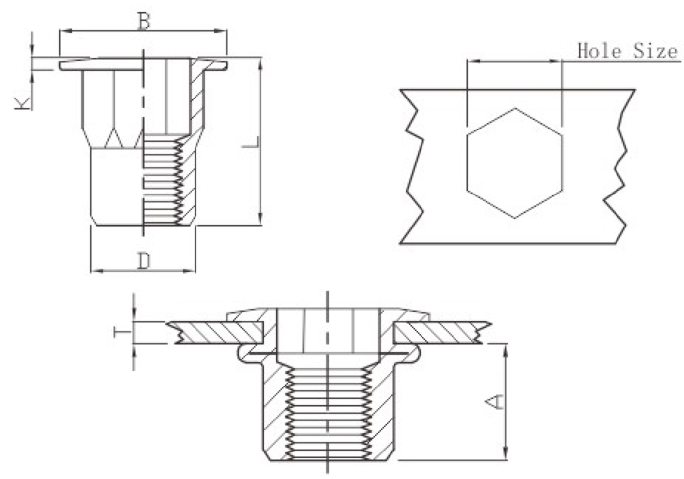
(单位)Unit :mm

螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M4×0.7 ISO	RHH-HB-UK-0420	0.5	2.0	6.40	6.5	6.25	7.25	0.5	10.5
M5×0.8 ISO	RHH-HB-UK-0525	0.5	2.5	7.20	7.5	7.05	8.10	0.5	12.0
M6×1.0 ISO	RHH-HB-UK-0630	1.0	3.0	9.60	9.2	9.45	10.50	0.6	15.0
M8×1.25 ISO	RHH-IHB-UK-0835	1.0	3.5	10.60	10.5	10.45	11.5	0.65	16.5

Dimension and Performance Data(尺寸和性能数据)

平头内外六角（英标）Flat Hex Head/Inner-Hex Body - Imperial Hole

FH-IHB-UK



FH-IHB-UK
Material : Steel
材质：铁

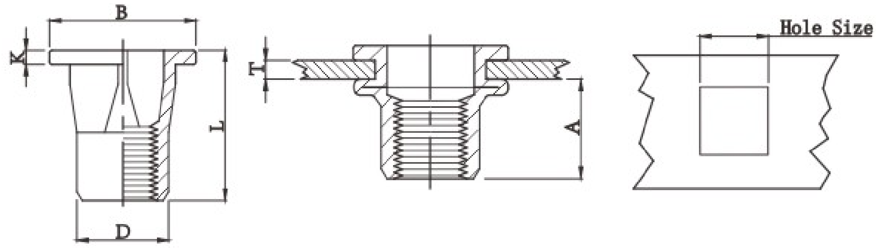
(单位)Unit :mm

螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M4×0.7 ISO	FH-IHB-UK-0420	0.5	2.0	6.40	6.5	6.25	9.5	0.6	10.5
M5×0.8 ISO	FH-IHB-UK-0525	0.5	2.5	7.20	7.5	7.05	10.0	0.8	12.0
M6×1.0 ISO	FH-IHB-UK-0630	1.0	3.0	9.60	9.2	9.45	12.95	1.0	15.5
M8×1.25 ISO	FH-IHB-UK-D835	1.0	3.5	10.60	10.5	10.45	16.5	1.15	18.5

Dimension and Performance Data(尺寸和性能数据)

平头方型铆螺母 Flat Head/Square Body

FH-SQB



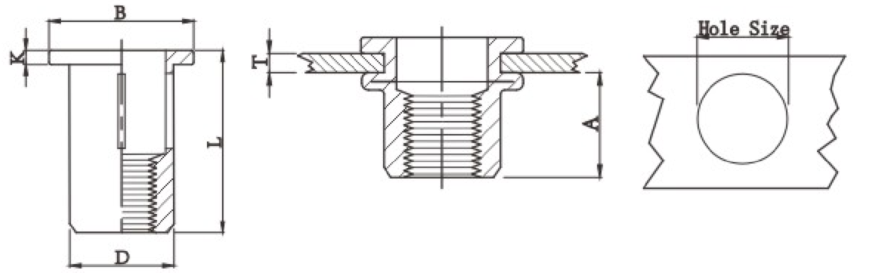
FH-SQB
Material : Steel
材质：铁

(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)									
螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M5×0.8	FH-SQB-0515	0.5	1.5	7.0	8.0	6.9	10.5	0.6	11.2
M5×0.8	FH-SQB-0530	1.5	3.0	7.0	8.0	6.9	10.5	0.6	12.7
M6×1.0	FH-SQB-0620	0.5	2.5	9.0	8.5	8.9	14.0	0.8	14.3
M6×1.0	FH-SQB-0640	2.5	4.0	9.0	9.5	8.9	14.0	0.8	17.2
M8×1.25	FH-SQB-0830	1.0	3.0	11.0	11.5	10.9	17.5	1.3	18.6

膨胀铆螺母 Flat Head/Slotted Body

FH-SLB

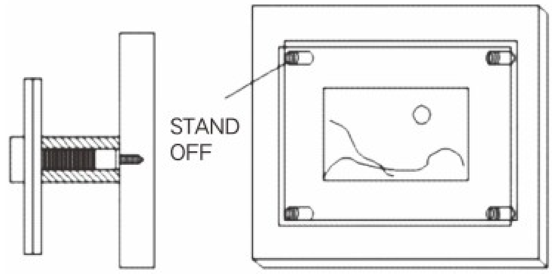


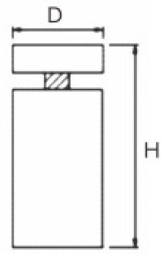
FH-SLB
Material : Steel
材质：铁

(单位)Unit :mm

Dimension and Performance Data(尺寸和性能数据)									
螺纹 Thread	编号 Part Number	T(Grip Range)		孔径Hole Size	A	D	B	K	L
		Min	Max	+0.1		+0.07/-0.1			
M5×0.8	FH-SLB-0545	0.5	4.5	7.5	9.6	7.4	12.7	1.0	22.0
M6×1.0	FH-SLB-0670	0.5	7.0	8.8	12.5	8.7	16.0	1.5	27.0
M8×1.25	FH-SLB-0870	1.0	7.0	11.0	14.3	11.0	19.0	1.6	30.5

广告钉 Sign Standoff - SSD






Brushed
拉丝色


Mirror
亮色


Gold brush
拉丝金色

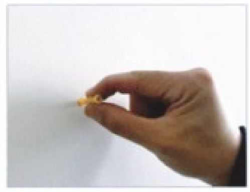

Mirror gold
亮金色


Black
黑色


White
白色


Solid
实心


1.用电钻在墙上打孔
1.Punch holes in the wallwith power drill


2.用锤子将墙锚插入孔中
2.Insert the wall anchor intothe hole with a hammer


3.分离底座和螺丝
3.Separate the base andscrews

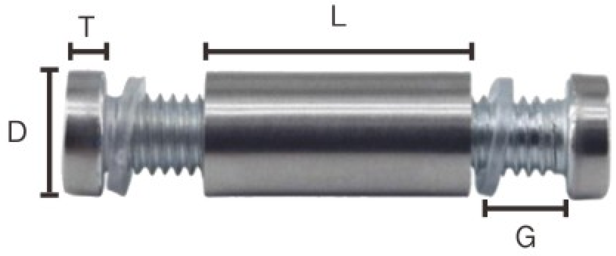

4将螺丝刀穿过底座
4Pass the screwdriverthrough the base


5将螺丝穿过玻璃然后与底座拧紧
5Screw bar through the glassthen tighten with the base

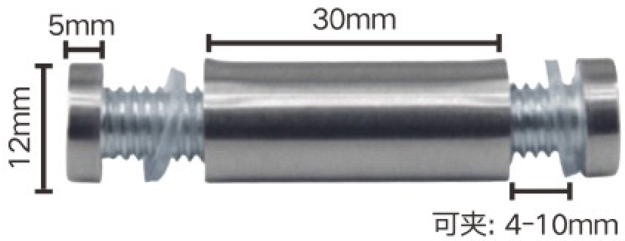

6.成品图
6.Finished picture

Item 品名	O.D.直径 D	Total height 总高度 H	Base Height 底座高度	Hole size under base 底座下螺丝孔	Screw diameter 丝牙直径	Screw Length 丝牙长度	Max Clamping thickness 可夹厚度	Advice hole diameter on glass 建议板材开孔大小
12x20	12	20	15	5	M8	14	8	9
12x25	12	25	20	5	M8	15	8	9
12x30	12	30	25	5	M8	15	8	9
12x40	12	40	35	5	M8	15	8	9
12x60	12	60	55	5	M8	15	8	9
12x80	12	80	75	5	M8	15	8	9
16x25	16	25	20	5	M10	18	10	12
16x30	16	30	25	5	M10	18	10	12
16x40	16	40	35	5	M10	18	10	12
16x60	16	60	55	5	M10	18	10	12
16x80	16	80	75	5	M10	18	10	12
19x25	19	25	20	5	M10	18	10	13
19x30	19	30	25	5	M10	18	10	13
19x40	19	40	35	5	M10	18	10	13
19x60	19	60	55	5	M10	18	10	13
19x80	19	80	75	5	M10	18	10	13
25x25	25	25	20	5	M10	18	11	15
25x30	25	30	25	5	M10	18	11	15
25x40	25	40	35	5	M10	18	11	15
25x60	25	60	55	5	M10	18	11	15
25x80	25	80	75	5	M10	18	11	15

双头广告钉 Double head sign standoff - DSSD

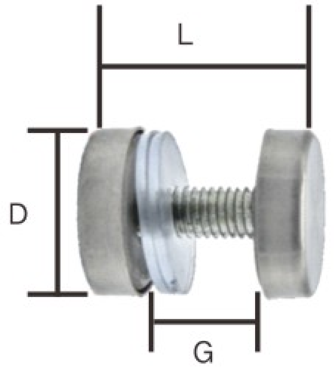


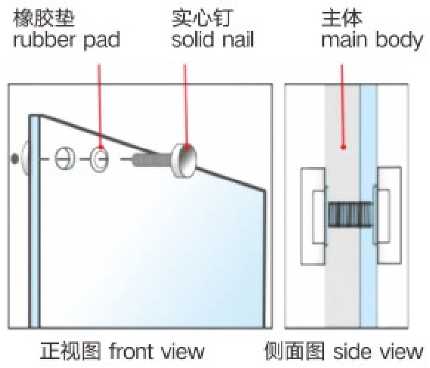
Example：12*30mm



Item 品名	D	L	G	螺纹 Thread	T
12x30	12	20	4~10	M8	5
12x35	12	25	4~10	M8	5
12x40	12	30	4~10	M8	5
12x45	12	35	4~10	M8	5
12x50	12	40	4~10	M8	5
12x55	12	45	4~10	M8	5
12x60	12	50	4~10	M8	5
12x80	12	70	4~10	M8	5
12x90	12	80	4~10	M8	5
12x100	12	90	4~10	M8	5
12x150	12	140	4~10	M8	5
19x85	19	75	4~10	M8	5
19x125	19	115	4~10	M8	5
19x155	19	145	4~10	M8	5
25x40	25	30	4~10	M8	5
25x50	25	40	4~10	M8	5
25x60	25	50	4~10	M8	5
25x80	25	70	4~10	M8	5
25x100	25	90	4~10	M8	5
25x120	25	110	4~10	M8	5

双头镜钉 Double head screw cap - DSC



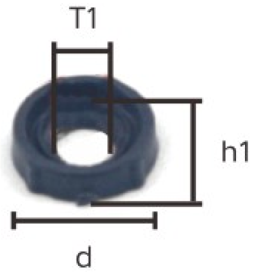


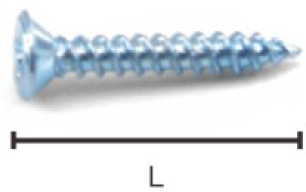
Item 品名	D	L	G 容纳能力 Holding Capacity
12x16	12	16	5~6mm
12x20	12	20	8~10mm
12x25	12	25	12~15mm
12x30	12	30	18~20mm
16x16	16	16	5~6mm
16x20	16	20	8~10mm
16x25	16	25	12~15mm
16x30	16	30	18~20mm
19x16	19	16	5~6mm
19x20	19	20	8~10mm
19x25	19	25	12~15mm
19x30	19	30	18~20mm
25x20	25	20	8~10mm
25x25	25	25	12~15mm
25x30	25	30	18~20mm
30x20	30	20	8~10mm
30x25	30	25	12~15mm
30x30	30	30	18~20mm

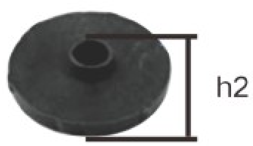
不锈钢镜钉 Stainless Steel screw cap - SSSC

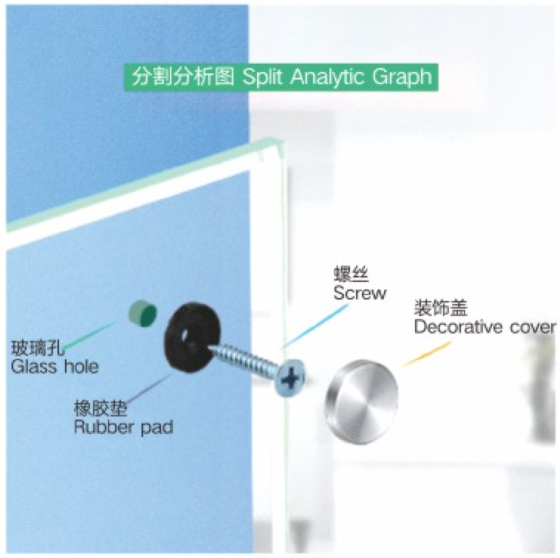
有咀 Nozzle

无咀 Without Nozzle



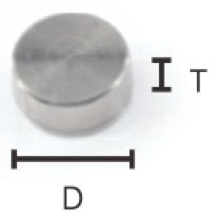


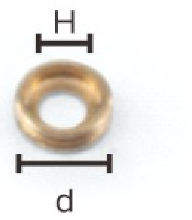




Item 品名	D	T	d	T1	h1	h2	建议板材开孔大小 Suggested panel opening size	L
12x4	12	4	11	3.5	2.7	5.5	5	23
14x4	14	4	13	3.5	3	5.5	5	23
16x3	16	3	15	3.5	3.7	5	5	23
18x3	18	3	17.5	3.5	3	5	5	23
20x3	20	3	19.5	3.5	2.7	5	5	23
22x3.5	22	3.5	21	3.5	2.7	5	5	23
25x4	25	4	24.5	3	2.7	4.5	5	23
30x4	30	4	29.5	4	3.5	5	5	23

铜镜钉 Brass screw cap-BSC



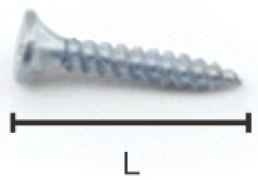


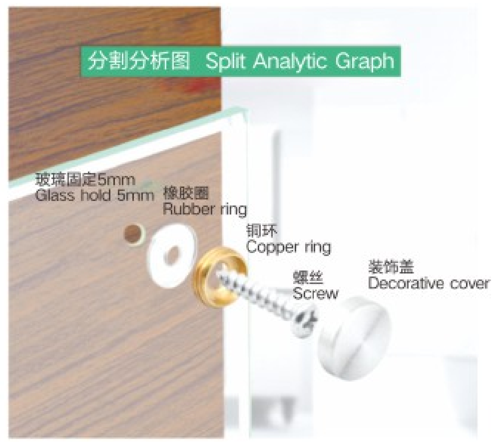
玫瑰金色 Rose Gold

银色 silver

黑色 Black

金色 gold





弧面 Curved

平面 Flat

Item 品名	D	T	d	H	L
10x5	10	5	M8	4	20
12x5	12	5	M10	4/5mm	20
14x5	14	5	M10	4.5/5mm	20
16x5	16	5	M10	5	20
18x5	18	5	M16	6	20
19x6	19	6	M18	6-8mm	20
20x5	20	6	M18	6	20
22x5	22	6	M18	6	20
25x5	25	6	M20	5	20
30x5	30	6	M20	6	20

螺母系列
SELF-CLINCHING NUTS

螺钉系列
SELF-CL INCHING FLUSH

螺母柱系列
THREADED STANGOFFS

压铆紧固件在使用过程中的说明

建议：D0

1.需要对每个压铆紧固件提供一个规定尺寸的安装孔。
Provide mounting hole of specified size for each fastener.

2.需要确保在施加安装力之前压铆紧固件的底端（或导向槽）在安装孔中。
Make certain that shank (or pilot) is within hole before applying installation force.

3.需要在平行的面之前施加扣紧力。扣紧力是为了在使用时固定紧固件及在装配时阻抗扭转。
Apply squeezing force between parallel surfaccs.

4.需要施加足够的安装力使扣紧环沿着整个周边完全嵌入并使凸台面正好和板接触。
Apply sufficient forcc to totally embed clinching ring around entire circumference and to bring shouldersquarely in contact with sheet. For some fasteners, installation will be complete when the head is flushwith the panel surface.

禁忌：DON´T

1.不要在铝板阳极氧化或表面处理之前安装钢或不锈钢紧固件。
Install steel or stainless steel fasteners in aluminum panels before anodizing or finishing.

2.不要在安装压铆紧固件之前去除周边的毛刺——因为去除毛刺会消耗掉用于扣紧紧固件与板的金属。
Deburr mounting holes on either side of sheet before installing fasteners - deburring will remove metal requiredfor clinching fastener into sheet.…

3.不要在此表中的最短边缘距离更靠近板的边缘安装压铆紧固件。（除了使用特殊夹具防止板的边缘隆起）
Install fastener closer to edge of sheet than minimum edge distance indicated by manufacturer - unless a specialfixture is used to restrict bulging of sheet edge.

4.不要过度挤压，这会弄平头部，使螺纹变形并使板弯曲。在批量生产前，应该通过试验确定最佳安装力。
Over-squeeze. It will crush the head, distort threads and buckle the sheet. Be certain to determine optimuminstallation force by test prior to production runs.

5.不要试图用锤子来安装紧固件，锤子不会使板材平稳地流动且与紧固件的轮廓产生嵌锁。
Attempt to insert fastener with a hammer blowunder any circumstances.Ahammer blow won't permit the sheetmetal to flow and develop an interlock with the fastener's contour.

6.不要从紧固件的头部安装螺丝，需要从紧固件头部的对面安装，这样可使紧固件的力朝向板。
Install screw in the head side of fastener. Install from opposite side so that the fastener load is toward sheet. Theclinching force is designed only to hold the fastener during handling and to resist torque duringassembly.

7.不要在板的预涂层安装压铆紧固件。
Install fastener on pre-painted side of panel.

注：如需压铆类紧固件详细使用参数及相关资料，请与我公司联系。

东莞市傲拓精密五金制品有限公司

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