

PROFESSIONAL
FASTENER

SOLUTION PROVIDER

紧固件专业解决方案提供商



专业制造 **30+** 年
 Professional manufacturing



佛山市广庆昌金属塑料有限公司

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惠州锆昌金属制品有限公司
 HUIZHOU KAICHANG METAL PRODUCTS CO., LTD.



30⁺ 年
生产经验 Production experience

10000⁺ m²
生产厂房 Factory area

100⁺ 位
专业员工 Employees

惠州锆昌金属制品有限公司，依托 1991 年成立的佛山市广庆昌金属塑料有限公司发展而来，于 2019 年独立运营并在博罗园洲镇建立生产基地，是专注钣金、机箱领域的小五金产品专业厂家。

总公司广庆昌作为资深紧固件制造商，拥有超 100 名员工、10000 平方米以上工厂，主营抽芯铆钉、螺丝和车床件，产品广泛配套汽车、机械、家具、家电、电子仪器等领域。其注重全环节品质把控，从物料采购、生产、质量检测，到库存管理、物流、售后均严格执行标准，已通过 ISO9001 和 IATF 16949 质量管理体系认证，为客户提供高品质产品保障。

独立后的惠州锆昌，传承总公司品控理念与制造经验，聚焦细分需求，专业生产精密螺丝、空心 / 实心铆钉、车床件、轴等产品，精准匹配钣金、机箱行业的小五金配套需求，以精细化生产与高效服务，为下游产业提供可靠解决方案，助力客户提升生产效率。

Huizhou Kaichang Metal Products Co., Ltd., developed from Foshan Guangqingchang Metal & Plastic Co., Ltd., established in 1991, became independent in 2019 and established a production base in Yuanzhou Town, Boluo. It is a professional manufacturer of small hardware products specializing in sheet metal and computer chassis.

Guangqingchang, the parent company, is a veteran fastener manufacturer with over 100 employees and a factory covering over 10,000 square meters. Its main products are blind rivets, screws, and lathe parts, which are widely used in the automotive, machinery, furniture, home appliances, and electronic equipment industries. Guangqingchang prioritizes quality control throughout its operations, strictly adhering to standards from material procurement, production, quality testing, inventory management, logistics, and after-sales service. Guangqingchang is ISO9001 and IATF 16949 certified, ensuring high-quality products for its customers. After becoming independent, Huizhou Kaichang inherited the parent company's quality control philosophy and manufacturing experience, focusing on niche needs. It specializes in the production of precision screws, hollow/solid rivets, lathe parts, shafts and other products, accurately matching the small hardware supporting needs of the sheet metal and chassis industries. With refined production and efficient services, it provides reliable solutions for downstream industries and helps customers improve production efficiency.

FRANCHISE

企业文化

CORPORATE CULTURE

01

企业愿景 CORPORATE VISION

追求卓越、为客户创造更多价值与服务。
Pursue excellence, create more value and service for customers.

02

质量方针 QUALITY POLICY

技术、科学的管理，在持续改进的基础上提供满足顾客需求的产品。
Technical and scientific management, providing products that meet customer needs on the basis of continuous improvement.

03

工作作风 STYLE OF WORKING

严谨细致、忘我敬业、朝气蓬勃、勇于创新。
Rigorous and meticulous, selfless and dedicated, vigorous and innovative.

04

战略目标 STRATEGIC OBJECTIVES

成为客户信赖的战略合作伙伴。
Become a trusted strategic partner of customers.

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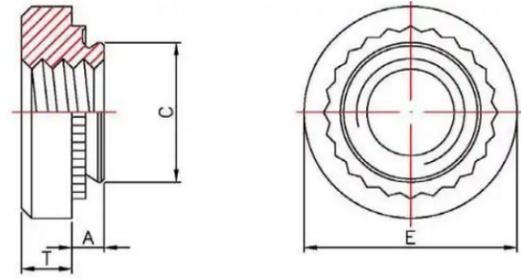
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美制压铆螺母 (S, CLS)



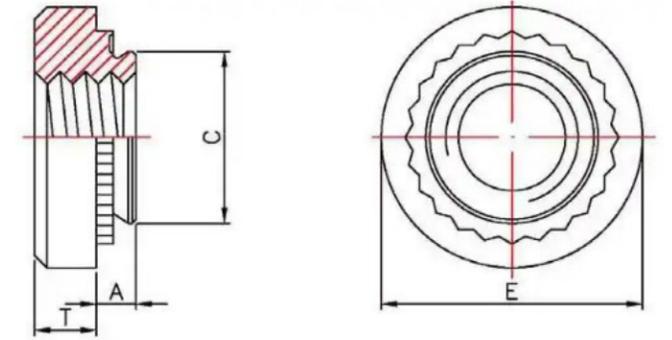
S - **440** - **2** - **ZI**
Type - Tread Code - Shank Code - Finish



公制压铆螺母 (S, CLS)



S - **M3** - **2** - **ZI**
Type - Tread Code - Shank Code - Finish



All dimensions are in inches (均以英寸为单位)

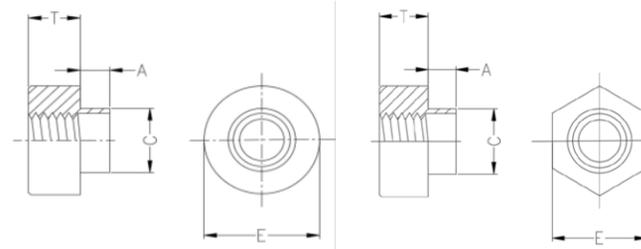
Thread Size 螺纹尺寸	Type 类型		Thread Code 螺纹规格	Shank Code 压铆规格	A Max.	Min Sheet Thickness 最小板厚	Hole Size in Sheet +0.003 -0.000 板材开孔	C Max.	E ±.010	T ±.010	
	Steel 钢	Stainless Steel 不锈钢									
.086-56 (#2-56)	S	CLS	256		0	0.030	0.030	0.166	0.165	0.25	0.07
					1	0.038	0.040				
					2	0.054	0.056				
.112-40 (#4-40)	S	CLS	440		0	0.030	0.030	0.166	0.165	0.25	0.07
					1	0.038	0.040				
					2	0.054	0.056				
					3	0.087	0.091				
.138-32 (#6-32)	S	CLS	632		0	0.030	0.030	0.1875	0.187	0.28	0.07
					1	0.038	0.040				
					2	0.054	0.056				
					3	0.087	0.091				
.164-32 (#8-32)	S	CLS	832		0	0.030	0.030	0.213	0.212	0.31	0.09
					1	0.038	0.040				
					2	0.054	0.056				
					3	0.087	0.091				
.190-32 (#10-30)	S	CLS	032		0	0.030	0.030	0.250	0.249	0.34	0.09
					1	0.038	0.040				
					2	0.054	0.056				
					3	0.087	0.091				
.250-20 (1/4-20)	S	CLS	0420		0	0.045	0.047	0.344	0.343	0.44	0.17
					1	0.054	0.056				
					2	0.087	0.091				
					3	0.120	0.125				
.313-18 (5/16-18)	S	CLS	0518		1	0.054	0.056	0.413	0.412	0.50	0.23
					2	0.087	0.091				
					3	0.120	0.125				
.375-16 (3/8-16)	S	CLS	0616		1	0.087	0.091	0.500	0.499	0.56	0.27
					2	0.120	0.125				
					3	0.235	0.250				

All dimensions are in millimetre (均以毫米为单位)

Thread Size × pitch 螺纹尺寸 × 螺距	Type 类型		Thread Code 螺纹规格	Shank Code 压铆规格	A Max.	Min Sheet Thickness 最小板厚	Hole Size in Sheet +0.08 板材开孔	C Max.	E ±0.25	T ±.010	
	Steel 钢	Stainless Steel 不锈钢									
M2x0.4	S	CLS	M2		0	0.76	0.8-1	4.25	4.22	6.35	1.5
					1	0.97	1				
					2	1.37	1.4				
M2.5x0.45	S	CLS	M2.5		0	0.76	0.8-1	4.25	4.22	6.35	1.5
					1	0.97	1				
					2	1.37	1.4				
M3x0.5	S	CLS	M3		0	0.76	0.8-1	4.25	4.22	6.35	1.5
					1	0.97	1				
					2	1.37	1.4				
M3.5x0.6	S	CLS	M3.5		0	0.76	0.8-1	4.75	4.73	7	1.5
					1	0.97	1				
					2	1.37	1.4				
M4x0.8	S	CLS	M4		0	0.76	0.8-1	5.4	5.38	8	2
					1	0.97	1				
					2	1.37	1.4				
M5x0.8	S	CLS	M5		0	0.76	0.8-1	6.4	6.38	8.7	2
					1	0.97	1				
					2	1.37	1.4				
M6x1	S	CLS	M6		0	1.15	1.2	8.75	8.72	11	4.08
					1	1.37	1.4				
					2	2.21	2.3				
M8x1.25	S	CLS	M8		1	1.37	1.4	10.5	10.47	12.7	5.47
					2	2.21	2.3				
					1	2.21	2.31				
M10x1.5	S	CLS	M10		1	2.21	2.31	14	13.97	17	7.48
					2	3.05	3.18				



涨铆螺母 (Z,ZS, NZ,NZS)

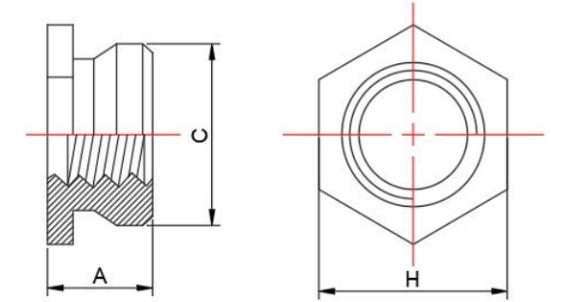


ZS - **M3** - **2** - **ZI**
Type Tread Code Shank Code Finish

Round Type(圆形涨铆) Round Type(六角形涨铆)



嵌入螺母 (F)



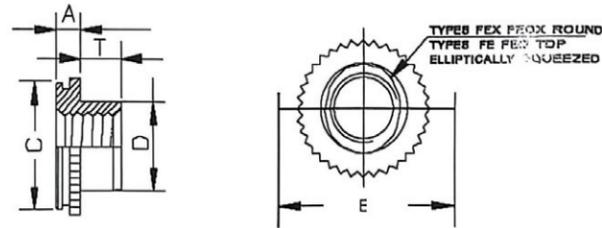
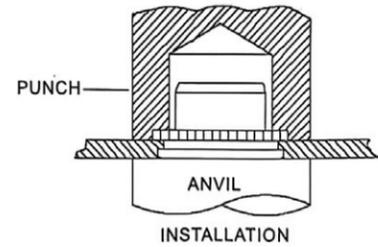
F - **M3** - **2** - **ZI**
Type Tread Code Shank Code Finish

METRIC 公制		All dimensions are in millimetre (均以毫米为单位)									
		Round Type(圆形涨铆)					Hexagon Type(六角形涨铆)				
		Thread Size × Pitch 螺纹尺寸 × 螺距	Steel 钢	Stainless Steel 不锈钢	Thread Code 螺纹规格	Shank Code 压铆规格	A ±0.10	Min Sheet Thickness 最小板厚	Hole Size in Sheet +0.08 板材开孔	C Max.	E ±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	7.95	10	5	
				3	3	3					
				3	3	3					
M6x1	Z	ZS	M6	2	2	2	9	8.98	11	6	
				3	3	3					
				3	3	3					
M8x1.25	Z	ZS	M8	2	2	2	11	10.98	13	6	
				3	3	3					
				3	3	3					
METRIC 公制		All dimensions are in millimetre (均以毫米为单位)									
		Round Type(圆形涨铆)					Hexagon Type(六角形涨铆)				
		Thread Size × Pitch 螺纹尺寸 × 螺距	Steel 钢	Stainless Steel 不锈钢	Thread Code 螺纹规格	Shank Code 压铆规格	A ±0.10	Min Sheet Thickness 最小板厚	Hole Size in Sheet +0.08 板材开孔	C Max.	E ±0.25
M3x0.5	NZ	NZS	M3	1.5	1.5	1.5	5	4.98	6	3	
				2	2	2					
				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	7.95	9	5	
				3	3	3					
				4	4	4					
M6x1	NZ	NZS	M6	3	3	3	9	8.98	10	6	
				4	4	4					
				5	5	5					
M8x1.25	NZ	NZS	M8	3	3	3	11	10.98	12.7	6	
				4	4	4					
				5	5	5					
				6	6	6					

UNIFIED 美制		All dimensions are in inches (均以英寸为单位)								
		Thread Size 螺纹尺寸	Type 类型	Thread Code 螺纹规格	Shank Code 压铆规格	A Max.	Sheet Thickness 板材厚度	Hole Size in Sheet +0.03 板材开孔	C Max.	H Nom.
		.086-56 (#2-56)	F	256	1	0.060	.060-.090	0.172	0.171	0.187
			2	0.090	.091-UP					
.122-40 (#4-40)	F	440	1	0.060	.060-.090	0.172	0.171	0.187		
			2	0.090	.091-UP					
.138-32 (#6-32)	F	632	1	0.060	.060-.090	0.213	0.212	0.25		
			2	0.090	.091-UP					
.164-32 (#8-32)	F	832	1	0.060	.060-.090	0.290	0.289	0.315		
			2	0.090	.091-UP					
.190-32 (#10-30)	F	032	1	0.060	.060-.090	0.312	0.311	0.354		
			2	0.090	.091-UP					
.250-20 (#1/4-20)	F	0420	3	0.120	.125-.155	0.344	0.343	0.375		
			4	0.151	.156-.186					
			5	0.182	.187-UP					
METRIC 公制		All dimensions are in millimetre (均以毫米为单位)								
		Thread Size × Pitch 螺纹尺寸 × 螺距	Type 类型	Thread Code 螺纹规格	Shank Code 压铆规格	A Max.	Sheet Thickness 板材厚度	Hole Size in Sheet +0.08 板材开孔	C Max.	H Nom.
		M2x0.4	F	M2	1	1.5	1.5-2.3	4.4	4.34	4.75
			2	2.3	2.23-UP					
M2.5x0.45	F	M2.5	1	1.5	1.5-2.3	4.4	4.34	4.75		
			2	2.3	2.23-UP					
M3x0.5	F	M3	1	1.5	1.5-2.3	4.4	4.34	4.75		
			2	2.3	2.23-UP					
M4x0.7	F	M4	1	1.5	1.5-2.3	7.4	7.34	8.0		
			2	2.3	2.23-UP					
M5x0.8	F	M5	1	1.5	1.5-2.3	7.9	7.87	9.0		
			2	2.3	2.23-UP					
			3	3.1	3.2-3.9					
M6x1.0	F	M6	4	3.9	4.0-4.9	8.75	8.71	9.5		
			5	4.7	4.72-UP					



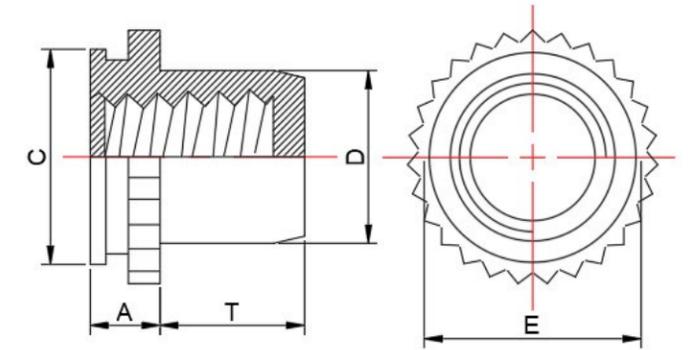
自锁螺母 (FE)



FE — **440** — **ZB**
Type — Tread Code — Finish



自锁螺母 (PL, PLC)



PL — **M3** — **15** — **ZI**
Type — Tread Code — Shank Code — Finish

All dimensions are in inches (均以英寸为单位)

UNIFIED 美制	Thread Size 螺纹尺寸	Type 类型		Thread Code 螺纹规格	A Max.	Sheet Thickness 板材厚度	Hole Size in Sheet +0.03 板材开孔	C +0.00 -0.05	A Max.	E ±0.05	T +0.15 -0.00
		Non-locking 不自锁	Self-locking 自锁								
	.112-40 (#4-40)	FEOX	FEO	440	.040	.039-.045	.172	.171	.145	.192	.065
		FEX	FE								
	.138-32 (#6-32)	FEOX	FEO	632	.040	.039-.045	.213	.212	.180	.244	.075
		FEX	FE								
	.164-32 (#8-32)	FEOX	FEO	832	.040	.039-.045	.290	.289	.215	.322	.090
		FEX	FE								
	.190-32 (#10-32)	FEOX	FEO	032	.040	.039-.045	.290	.289	.245	.322	.110
		FEX	FE								

All dimensions are in millimeters(均以毫米为单位)

METRIC 公制	Thread Size × Pitch 螺纹尺寸 × 螺距	Type 类型		Thread Code 螺纹规格	A Max.	Sheet Thickness 板材厚度	Hole Size in Sheet +0.08 板材开孔	C +0.00 -0.13	A Max.	E ±0.13	T +0.40 -0.00
		Non-locking 不自锁	Self-locking 自锁								
	M3×0.5	FEOX	FEO	M3	1.02	0.99-1.14	4.4	4.34	3.96	4.88	1.9
		FEX	FE								
	M4×0.7	FEOX	FEO	M4	1.02	0.99-1.14	7.4	7.34	5.23	8.17	2.55
		FEX	FE								
	M5×0.8	FEOX	FEO	M5	1.02	0.99-1.14	7.4	7.34	6.48	8.17	3.05
		FEX	FE								
	M6×1.0	FEX	FE	M6	1.53	1.5-1.78	8.75	8.71	7.72	9.74	3.3

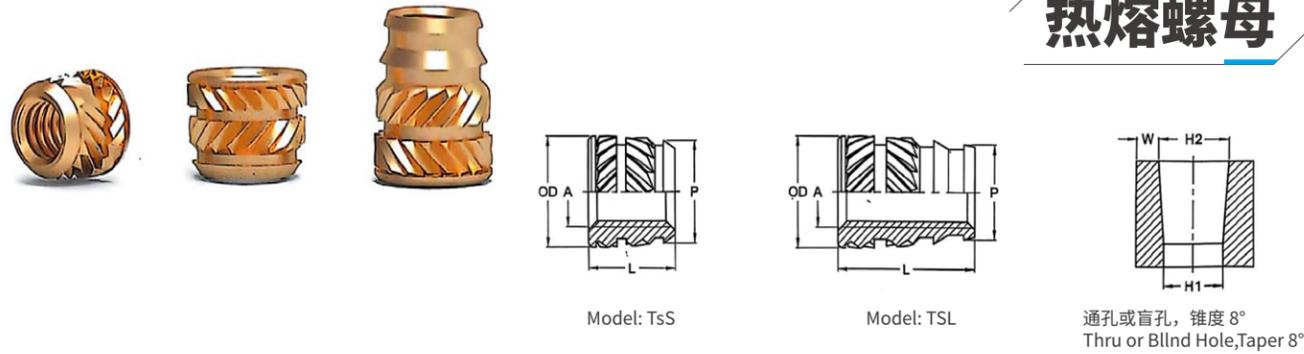
All dimensions are in inches (均以英寸为单位)

UNIFIED 美制	Thread Size 螺纹尺寸	Type 类型		Thread Code 螺纹规格	A Max.	Sheet Thickness 板材厚度	Hole Size in Sheet +0.03 板材开孔	C Max.	A Max.	E Max.	T Max.
		Carbon Steel 钢	Stainless Steel 不锈钢								
	.122-40 (#4-40)	PL	PLC	440	0.060	.059-.070	0.234	0.233	0.216	0.28	0.130
	.138-32 (#6-32)	PL	PLC	632	0.060	.059-.070	0.265	0.264	0.246	0.31	0.130
	.164-32 (#8-32)	PL	PLC	832	0.060	.059-.070	0.297	0.296	0.278	0.34	0.155
	.190-32 (#10-32)	PL	PLC	032	0.060	.059-.070	0.312	0.311	0.292	0.35	0.165

All dimensions are in millimeters (均以毫米为单位)

METRIC 公制	Thread Size × Pitch 螺纹尺寸 × 螺距	Type 类型		Thread Code 螺纹规格	A Max.	Sheet Thickness 板材厚度	Hole Size in Sheet +0.08 板材开孔	C Max.	A Max.	E Max.	T Max.
		Carbon Steel 钢	Stainless Steel 不锈钢								
	M3x0.5	PL	PLC	M3	1.52	1.5-1.78	6	5.97	5.5	7.1	3.6
	M4x0.7	PL	PLC	M4	1.52	1.5-1.78	7.5	7.47	7	8.6	4.2
	M5x0.8	PL	PLC	M5	1.52	1.5-1.78	8	7.97	7.5	8.9	4.5

热熔螺母



特征

反向滚花带，提高拉力和扭力
热熔或超声波埋植在 8 度锥形孔
适用于热塑性塑胶 (PPS、ABS、PP 等)

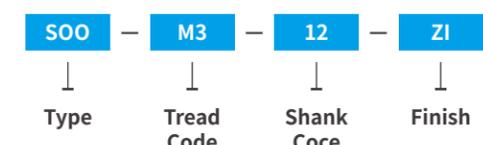
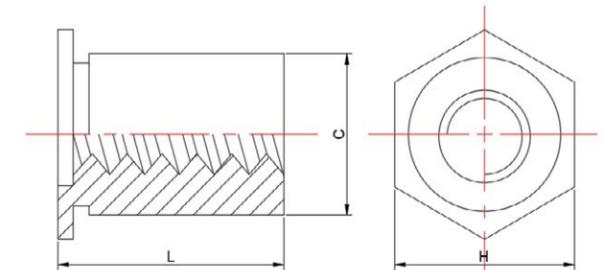
Features

Opposite helical knurl bands provide balanced high torque and high pull-out performance
Suitable to direct heat or ultrasonic installation in degree tapered hole
Designed for thermoplastic plastics(PPS,ABS, PP etc.)

菱形滚花螺纹尺寸 0-80、2-56。标准金属：黄铜 JIS 3604，不锈钢或铝可供重新加工。
Diamond knurl Threa sizes 0-80, 2-56 .Standard Metalal: Brass JIS 3604, Stainless steel or Aluminum can be available for re.

型号代码 -A (螺纹尺寸) x L (螺纹嵌件长度) -OD (螺纹嵌件直径) + 金属 + 表面处理
TSS-M3x3.43-OD4.37B 短款锥形螺纹嵌件, M3x3.43-OD4.37, 黄铜 C3604
TSL-256x4.78-OD3.58SS 长款锥形螺纹嵌件, 2-56x4.78-OD3.58, SUS303 不锈钢
Model Code-A (Thread size) x L(Insert length)-OD(Insert diameter)+Metal+Finish
TSS-M3x3.43-OD4.37B Taper-Set Insert short version,M3x3.43-OD4.37,Brass C3604
TSL-256x4.78-OD3.58SS Taper-Set Insert long version,2-56x4.78-OD3.58,Stainless steel SUS303

压铆螺母柱 (SOO,SOOS)



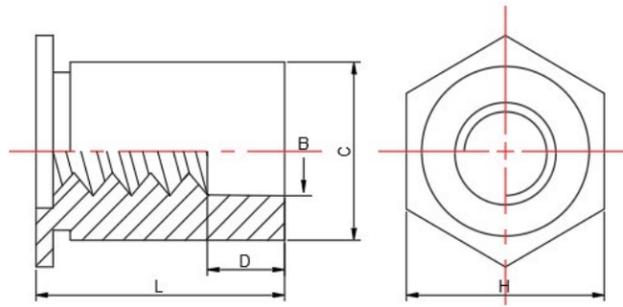
All dimensions are in millimetre (均以毫米为单位)											
METRIC 公制	A Thread size 螺纹尺寸	Tss Short Version 短版				TSL Long Version 长版				OD Insert diameter 插入直径	W Min.wall thickneas 最小壁厚
		L±0.13 Insert lengths 插入长度	P Pilot end	H1±0.05 Rec.hole size 孔径	H2±0.05 Rec. hole size 孔径	L±0.13 Insert lengths 插入长度	P Pilot end	H1±0.05 Rec. hole size 孔径	H2±0.05 Rec. hole size 孔径		
	M2	2.92	2.77	3.00	3.12	-	-	-	-	4.37	2.4
	M2.5	3.43	3.99	4.04	3.89	5.56	3.79	4.04	3.58	4.37	2.4
	M3	3.43	3.99	4.04	3.89	5.56	3.79	4.04	3.58	4.37	2.4
	M3	3.81	5.16	5.23	5.05	6.35	4.83	5.23	4.70	5.56	3.0
	M3.5	3.81	5.16	5.23	5.05	6.35	4.83	5.23	4.70	5.56	3.0
	M4	4.70	5.84	5.94	5.74	7.92	5.41	5.94	5.28	6.35	3.4
	M5	5.72	6.91	7.03	6.78	9.53	6.38	7.03	6.25	7.54	3.9
	M5	6.71	7.83	8.00	7.70	11.10	7.16	8.00	7.06	8.33	4.4
	M6	7.62	8.99	9.22	8.86	12.70	8.43	9.22	8.15	9.52	4.9
	M8	8.51	11.15	11.38	10.95	14.27	10.31	11.38	10.19	11.91	6.2

All dimensions are in inches (均以英寸为单位)											
UNIFIED 美制	A Thread size 螺纹尺寸	Tss Short Version 短版				TSL Long Version 长版				OD Insert diameter 插入直径	W Min.wall thickneas 最小壁厚
		L±0.13 Insert lengths 插入长度	P Pilot end	H1±0.05 Rec.hole size 孔径	H2±0.05 Rec. hole size 孔径	L±0.13 Insert lengths 插入长度	P Pilot end	H1±0.05 Rec. hole size 孔径	H2±0.05 Rec. hole size 孔径		
	0-80/2-56	.115	.123	.123	.118	.188	.115	.123	.107	.141	.080
	4-40	.135	.157	.159	.153	.219	.149	.159	.141	.172	.093
	6-32	.150	.203	.206	.199	.250	.190	.206	.185	.219	.188
	8-32	.185	.230	.234	.226	.312	.213	.234	.208	.250	.133
	10-24	.225	.272	.277	.267	.375	.251	.277	.246	.297	.159
	10-32	.225	.272	.277	.267	.375	.251	.277	.246	.297	.159
	1/4-20	.300	.354	.363	.349	.500	.332	.363	.321	.375	.194
	1/4-28	.300	.354	.363	.349	.500	.332	.363	.321	.375	.194
	5/16-18	.335	.439	.448	.431	.562	.406	.448	.401	.469	.245
	3/8-16	.375	.532	.540	.523	.625	.493	.540	.488	.563	.293

All dimensions are in inches (均以英寸为单位)									
UNIFIED 美制	Thread Size 螺纹尺寸	Type 类型		Thread Code 螺纹规格	Length "L"+.002/-0.005 (length code in 32nds of an inch) 长度 "L"+.002,-.005 (以 1/32 英寸为单位)	Min. Sheet Thickness 最小板厚	Hole Size in Sheet +0.03 板材开孔	C -.005	H Nom.
		Steel 钢	Stainless Steel 不锈钢						
美制	.122-40 (#4-40)	SOO	SOOS	440	4 6 8 10 12 14 16	0.040	0.166	0.165	0.187
				6440					
	.138-32 (#6-32)	SOO	SOOS	632		0.040	0.213	0.212	0.250
				8632		0.050	0.281	0.280	0.315
	.164-32 (#8-32)	SOO	SOOS	832		0.050	0.281	0.280	0.315
.190-32 (#10-32)	SOO	SOOS	032	0.050	0.281	0.280	0.315		

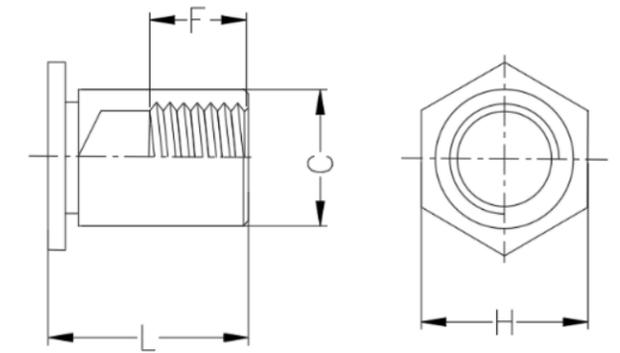
All dimensions are in millimetre (均以毫米为单位)									
METRIC 公制	Thread Size × Pitch 螺纹尺寸 × 螺距	Type 类型		Thread Code 螺纹规格	Length "L"+.002/-0.005 (length code in millimeters) 长度 "L"+.002, -.005 (以毫米为单位)	Min. Sheet Thickness 最小板厚	Hole Size in Sheet +0.08 板材开孔	C -0.13	H Nom.
		Steel 钢	Stainless Steel 不锈钢						
公制	M3x0.5	SOO	SOOS	M3	4 6 7 8 8 10 12	1	4.2	4.19	4.75
				3.5M3					
	M4x0.7	SOO	SOOS	M4		1	6.0	5.95	7
				3.5M4		1.3	7.2	7.11	8
	M5x0.8	SOO	SOOS	M5		1.3	7.2	7.11	8
	M6x1.0	SOO	SOOS	M6		1.3	8.75	8.72	10

压铆螺母柱 (SO,SOS)



SO - **M3** - **12** - **ZI**
Type Tread Code Shank Code Finish

压铆螺母柱 (BSO,BSOS,BSOA)



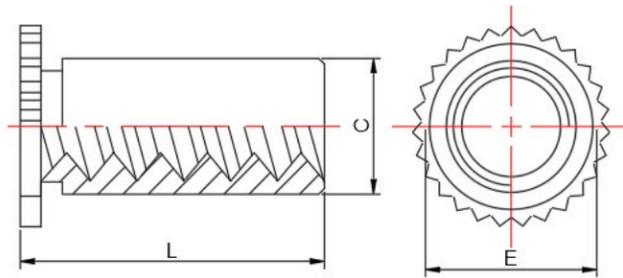
BSO - **3.5M3** - **8** - **ZI**
Type Tread Code Length Code Finish

All dimensions are in inches (均以英寸为单位)												
UNIFIED 美制	Thread Size 螺纹尺寸	Type 类型		Thread Code 螺纹规格	Length "L"+.002/-0.005 (length code in 32nds of an inch) 长度 "L"+.002,-.005 (以 1/32 英寸为单位)			Min. Sheet Thickness 最小板厚	Hole Size in Sheet +0.003 板材开孔	C -.005	B ±0.005	H Nom.
		Steel 钢	Stainless Steel 不锈钢		12	14	20					
	.122-40 (#4-40)	SO	SOS	440	12	20	0.040	0.166	0.165	0.125	0.187	
					14	22						
					16	24						
				6440	16	24	0.040	0.213	0.212	0.125	0.250	
					18	24	0.040	0.213	0.212	0.156	0.250	
	.138-32 (#6-32)	SO	SOS	632	12	20	28	0.040	0.213	0.212	0.156	0.250
				8632	14	22	30	0.050	0.281	0.280	0.156	0.315
	.164-32 (#8-32)	SO	SOS	832	16	24	32	0.050	0.281	0.280	0.188	0.315
					18	26	34	0.050	0.281	0.280	0.203	0.315
	.190-32 (#10-32)	SO	SOS	032	18	26	34	0.050	0.281	0.280	0.203	0.315
D DIMENSION ±.010					0.187	0.312	0.437					
All dimensions are in millimetre (均以毫米为单位)												
METRIC 公制	Thread Size × Pitch 螺纹尺寸 × 螺距	Type 类型		Thread Code 螺纹规格	Length "L"+.002/-0.005 (length code in millimeters) 长度 "L"+.002,-.005 (以毫米为单位)			Min. Sheet Thickness 最小板厚	Hole Size in Sheet +0.08 板材开孔	C -0.13	B ±0.13	H Nom.
		Steel 钢	Stainless Steel 不锈钢		10	12	16					
	M3x0.5	SO	SOS	M3	10	16	1	4.2	4.19	3.2	4.75	
					12	18						
				3.5M3	12	18	1	5.4	5.38	3.2	6.35	
					14	18	1	5.4	5.38	3.2	6.35	
					M4x0.7	SO	SOS	M4	10	16	22	1.3
	M5x0.8	SO	SOS	M5	12	18	25	1.3	7.2	7.11	5.36	8
/					4	8	11					

All dimensions are in inches (均以英寸为单位)																					
UNIFIED 美制	Thread Size × Pitch 螺纹尺寸 × 螺距	Type 型号			Thread Code 螺纹码	Length "L"+.002/-0.005 (length code in 32nds of an inch) 长度 "L"+.002,-.005 (以 1/32 英寸为单位)				Min. Sheet Thickness 最小板厚	Hole Size in Sheet +0.03 板材开孔	C -.005	H Nom.								
		Steel 钢	Stainless Steel 不锈钢	Aluminum 铝		10	14	16	18												
	0.112-40 (#4-40)	BSO	BSOS	BSOA	440	10	14	16	18	20	0.04	0.166	0.165	0.187							
															6440	22	0.04	0.213	0.212	0.25	
																632	24	0.04	0.213	0.212	0.25
																	8632	26	0.05	0.281	0.28
																832		28	0.05	0.281	0.28
032	30	0.05	0.281	0.28	0.315																
		0.190-32 (#10-33)	BSO	BSOS	BSOA	032	10	14	16	18	20	0.05	0.281	0.28	0.315						
34																0.05	0.281	0.28	0.315		
	D 位尺寸					0.156	0.187	0.25	0.375												
All dimensions are in millimetre (均以毫米为单位)																					
METRIC 公制	Thread Size × Pitch 螺纹尺寸 × 螺距	Type 型号			Thread Code 螺纹码	Length "L"+.002/-0.005 (length code in millimeters) 长度 "L"+.002,-.005 (以毫米为单位)				Min. Sheet Thickness 最小板厚	Hole Size in Sheet +0.08 板材开孔	C -0.13	H Nom.								
		Steel 钢	Stainless Steel 不锈钢	Aluminum 铝		6	8	11	14												
	M3x0.5	BSO	BSOS	BSOA	M3	6	8	11	14	16	1	4.2	4.19	4.75							
															3.5M3	18	1	5.4	5.38	6.35	
																M3.5	20	1	5.4	5.38	6.35
																	M4	22	1.3	7.2	7.11
																3.5M4		25	1.3	7.2	7.11
	M4x0.7	BSO	BSOS	BSOA	M4	6	8	11	14	1.3	7.2	7.11	8								
														M5	1.3	7.2	7.11	8			
	M5x0.8	BSO	BSOS	BSOA	M5	6	8	11	14	1.3	7.2	7.11	8								
															M6x1.0	BSO	BSOS	BSOA	M6	6	8
D 位尺寸					3.2	4	5	6.5	9.5												



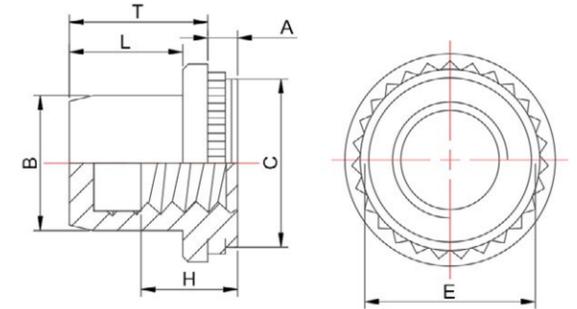
压铆螺母柱 (DSO, DSOS)



DSOS - **440** - **250** - **ZI**
Type Tread Code Shank Code Finish



防水压铆螺母柱 (B, BS)



BS - **832** - **2** - **ZI**
Type Tread Code Shank Code Finish

All dimensions are in inches (均以英寸为单位)

UNIFIED 美制	Thread Size 螺纹尺寸	Type 类型		Thread Code 螺纹规格	Length Code 长度规格	L -.005 +.002	Min. Sheet Thickness 最小板厚	Hole Size in Sheet ±.003 板材开孔	C -.005	E Nom.					
		Carbon Steel 钢	Stainless Steel 不锈钢												
	.122-40 (#4-40)	DSO	DSOS	440	250	0.250	.037-.250	0.166	0.165	0.194					
											270	0.275			
		DSO	DSOS		440	250							0.250	.037-.250	0.166
											270	0.275			

All dimensions are in millimeter (均以毫米为单位)

METRIC 公制	Thread Size × Pitch 螺纹尺寸 × 螺距	Type 类型		Thread Code 螺纹规格	Length Code 长度规格	L -.005 +.002	Min. Sheet Thickness 最小板厚	Hole Size in Sheet ±.003 板材开孔	C -.005	E Nom.					
		Carbon Steel 钢	Stainless Steel 不锈钢												
	M3x0.5	DSO	DSOS	M3	6.35	6.35	0.94-6.35	4.2	4.19	4.92					
											7	7			
		DSO	DSOS		M3	6.35							6.35	0.94-6.35	4.2
											7	7			

All dimensions are in inches (均以英寸为单位)

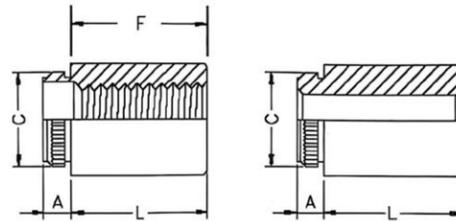
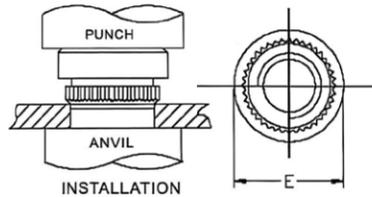
UNIFIED 美制	Thread Size 螺纹尺寸	Type 类型		Thread Code 螺纹规格	Shank Code 压铆规格	A Max.	Min. Sheet Thickness 最小板厚	Hole Size in Sheet +.003 -.000 板材开孔	Barrel Diameter in Sheet B Max. 圆柱直径	Barrel Diameter in Sheet C Max. 柄部直径	E ±.006	Min. Depth Full Threads H 螺纹深度	L ±.005	T ±.005
		Steel 钢	Stainless Steel 不锈钢											
	.112-40 (#4-40)	B	BS	440	1	0.038	0.040	0.166	0.149	0.165	0.250	0.210	0.335	0.380
						2	0.054							
	.138-32 (#6-32)	B	BS	632	1	0.038	0.04	0.1875	0.169	0.187	0.275	0.230	0.335	0.380
						2	0.054							
	.164-32 (#8-32)	B	BS	832	1	0.038	0.040	0.213	0.204	0.221	0.315	0.280	0.385	0.440
						2	0.054							
.190-32 (#10-32)	B	BS	032	1	0.038	0.040	0.250	0.235	0.249	0.335	0.270	0.385	0.440	
					2	0.054								0.056
.250-20 (1/4-20)	B	BS	0420	1	0.054	0.056	0.344	0.305	0.343	0.433	0.310	0.500	0.560	
					2	0.087								0.090

All dimensions are in millimeter (均以毫米为单位)

METRIC 公制	Thread Size × Pitch 螺纹尺寸 × 螺距	Type 类型		Thread Code 螺纹规格	Shank Code 压铆规格	A Max.	Min. Sheet Thickness 最小板厚	Hole Size in Sheet +.008 -.000 板材开孔	Barrel Diameter in Sheet B Max. 圆柱直径	Barrel Diameter in Sheet C Max. 柄部直径	E ±0.15	Min. Depth Full Threads H 螺纹深度	L Max.	T ±0.25
		Steel 钢	Stainless Steel 不锈钢											
	M3x0.5	B	BS	M3	1	0.97	1	4.25	3.8	4.22	6.35	5.3	8.5	9.6
						2	1.37							
	M4x0.7	B	BS	M4	1	0.97	1	5.4	5.2	5.38	8	7.1	9.8	11.2
						2	1.37							
	M5x0.8	B	BS	M5	1	0.97	1	6.4	6	6.38	9	6.8	9.8	11.2
						2	1.37							
	M6x1	B	BS	M6	1	1.37	1.4	8.75	7.8	8.72	11	7.8	12.7	14.3
						2	2.21							



挤压螺母柱 (KFE, KFES)

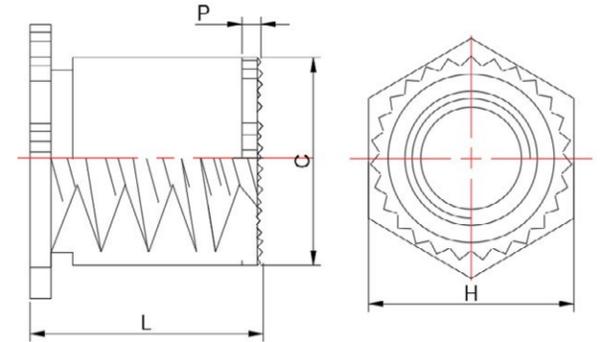


Part Number Designation

KFE	632	8	ZI
Type	Tread Code	Shank Code	Finish Code



接地螺母柱 (SOSG, SOAG)



SOSG	6440	6	ZI
Type	Tread Code	Shank Code	Finish

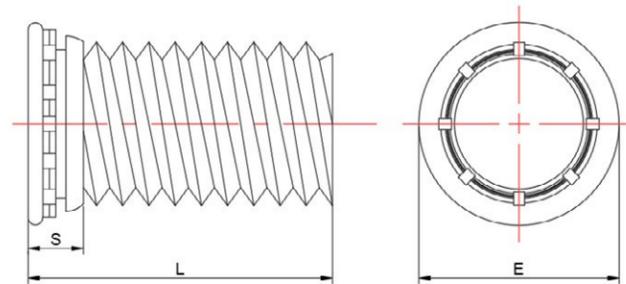
All dimensions are in inches (均以英寸为单位)												
UNIFIED 美制	Thread Size 螺纹尺寸	Thru Hole +0.004 -0.003 光孔	Type 类型		Thread Or Thru Hole Code 螺纹规格	Length "L" ±.005 (length code in 32nds of an inch) 长度 "T" ±.005 (以 1/32 英寸为单位)		A Max.	Min. Sheet Thickness 最小板厚	Hole Size in Sheet +0.003 板材开孔	C ±.003	E ±.005
	Steel	Stainless Steel 不锈钢										
	.112-40 (#4-40)		KFE	KFES	440	4 8 12	16 20	.060	.060	.166	.184	.218
	.138-32 (#6-32)		KFE	KFES	632			.060	.060	.213	.231	.275
		.116	KFE	KFES	116			.060	.060	.166	.184	.218
		.143	KFE	KFES	143			.060	.060	.213	.231	.275
	F Minimum Thread Length					Full	.375±.15					
All dimensions are in millimeters(均以毫米为单位)												
METRIC 公制	Thread Size 螺纹尺寸	Thru Hole +0.004 -0.003 光孔	Type 类型		Thread Or Thru Hole Code 螺纹规格	Length "L" ±.005 (length code in millimeters) 长度 "T" ±.005 (以毫米为单位)		A Max.	Min. Sheet Thickness 最小板厚	Hole Size in Sheet +0.008 板材开孔	C +0.08	E ±0.13
	Steel	Stainless Steel 不锈钢										
	M3x0.5		KFE	KFES	M3	3 4 6 8 10	12 14 16	1.5	1.5	4.2	4.68	5.5
		3.6	KFE	KFES	3.6			1.5	1.5	5.4	5.87	7
		4.2	KFE	KFES	4.21			1.5	1.5	6.4	6.81	9
	F Minimum Thread Length					Full	9.5±0.4					

All dimensions are in inches (均以英寸为单位)										
UNIFIED 美制	Thread Size 螺纹尺寸	Type 类型		Thread Code 螺纹规格	Length "L" +.010-.000 (length code in 32nds of an inch) 长度 "L" +.010,-.000 (以 1/32 英寸为单位)	Min. Sheet Thickness 最小板厚	Hole Size in Sheet ±0.003 板材开孔	C -.005	H ±.005	P Nom.
	Steel	Stainless Steel 不锈钢								
	.112-40 (#4-40)	SOSG	SOAG	6440	4 6 8 10 12 14 16	0.040	0.213	0.212	0.250	0.030
	.138-32 (#6-32)	SOSG	SOAG	8632		0.050	0.281	0.280	0.315	0.030
All dimensions are in millimeters (均以毫米为单位)										
METRIC 公制	Thread Size 螺纹尺寸	Type 类型		Thread Code 螺纹规格	Length "L" +.010-.000 (length code in millimeters) 长度 "L" +.010,-.000 (以毫米为单位)	Min. Sheet Thickness 最小板厚	Hole Size in Sheet ±0.08 板材开孔	C -.013	H ±.015	P Nom.
	Steel	Stainless Steel 不锈钢								
	M3x0.5	SOSG	SOAG	3.5M3	3 4 6 8 10 12	1.0	5.4	5.38	6.35	0.76

压铆螺钉 (FH, FHS)



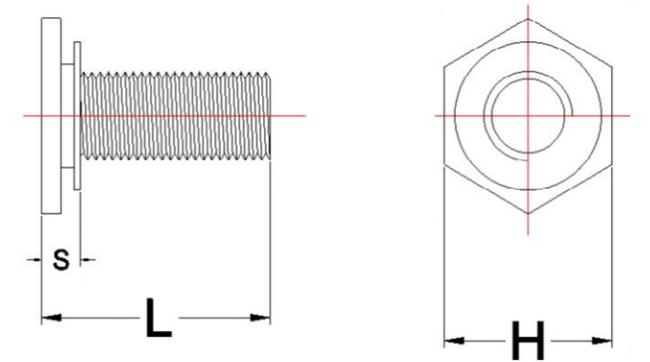
FH — **M3** — **12** — **ZI**
Type — Tread Code — Shank Code — Finish



压铆螺钉 (NFH, NFHS)



NFH — **M3** — **12** — **ZI**
Type — Tread Code — Shank Code — Finish



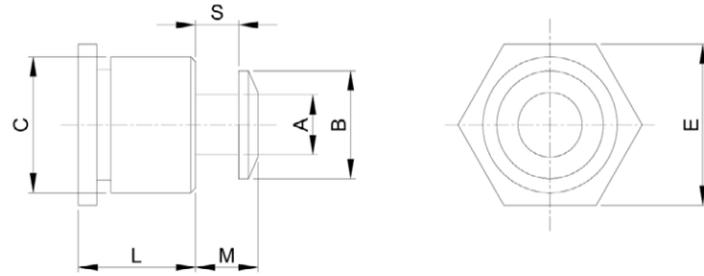
All dimensions are in inches (均以英寸为单位)									
UNIFIED 美制	Thread Size 螺纹尺寸	Type 类型		Thread Code 螺纹规格	Length "L" +.010-.000 (length code in 32nds of an inch) 长度 "L" ±.015 (以 1/16 英寸为单位)	Min. Sheet Thickness 最小板厚	Hole Size in Sheet +0.03 板材开孔	E ±.015	S Max.
		Steel 钢	Stainless Steel 不锈钢						
	.086-56 (#2-56)	FH	FHS	256	4 5 6 8 10 12	0.040	0.085	0.144	0.075
	.122-40 (#4-40)	FH	FHS	440	4 5 6 8 10 12 16	0.040	0.111	0.176	0.085
	.138-32 (#6-32)	FH	FHS	632	4 5 6 8 10 12 14 16 20 24	0.040	0.137	0.206	0.090
	.164-32 (#8-32)	FH	FHS	832	4 5 6 8 10 12 14 16 20 24	0.040	0.163	0.237	0.090
	.190-32 (#10-32)	FH	FHS	032	5 6 8 10 12 14 16 20 24	0.040	0.189	0.256	0.100
	.250-20 (1/4-20)	FH	FHS	0420	6 8 10 12 14 16 20 24	0.062	0.249	0.337	0.135
All dimensions are in millimetre (均以毫米为单位)									
METRIC 公制	Thread Size 螺纹尺寸	Type 类型		Thread Code 螺纹规格	Length "L" ±.015 (length code in millimeters) 长度 "L" ±.015 (以毫米为单位)	Min. Sheet Thickness 最小板厚	Hole Size in Sheet ±0.08 板材开孔	E ±0.4	S Max.
		Steel 钢	Stainless Steel 不锈钢						
	M2.5x0.45	FH	FHS	M2.5	6 8 10 12 15 18	1	2.5	4.1	1.95
	M3x0.5	FH	FHS	M3	6 8 10 12 15 18 20 25	1	3	4.6	2.1
	M4x0.7	FH	FHS	M4	6 8 10 12 15 18 20 25 30 35	1	4	5.9	2.4
	M5x0.8	FH	FHS	M5	8 10 12 15 18 20 25 30	1	5	6.5	2.7
	M6x1.0	FH	FHS	M6	12 15 18 20 25 30 35	1.6	6	8.2	3

All dimensions are in millimetre (均以毫米为单位)									
METRIC 公制	Thread Size 螺纹尺寸	Type 类型		Thread Code 螺纹规格	Length "L" ±0.4 (length code in millimeters) 长度 "L" ±0.4 (以毫米为单位)	Min. Sheet Thickness 最小板厚	Hole Size in Sheet ±0.08 板材开孔	H ±0.4	S Max.
		Steel 钢	Stainless Steel 不锈钢						
	M3x0.5	NFH	NFHS	M3	4 6 8 10 12 14 15 16 18 20	1	4.8	6	1.25
	M4x0.7	NFH	NFHS	M4	10 12 14 15 18 20 22 25	1	4.8	6	1.25
	M5x0.8	NFH	NFHS	M5	12 15 18 20 25	1	5.0	6.35	1.25
	M6x1.0	NFH	NFHS	M6	12 15 18 20 25	1.3	6.0	7	1.4



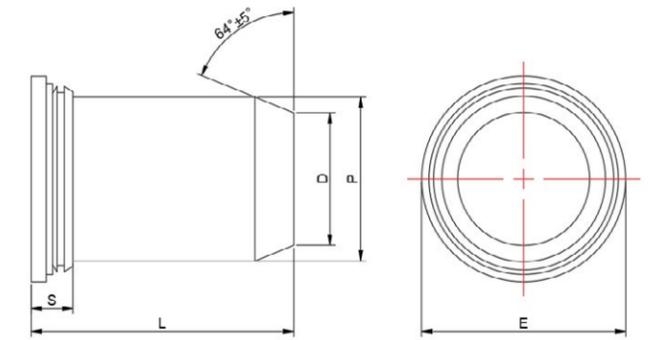
定位支撑柱 (SKC)

SKC - **6060** - **12**
Type Tread Code Shank Code



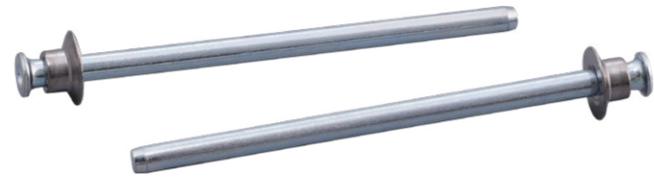
定位销 (TPS)

TPS - **187** - **12**
Type Tread Code Length Code

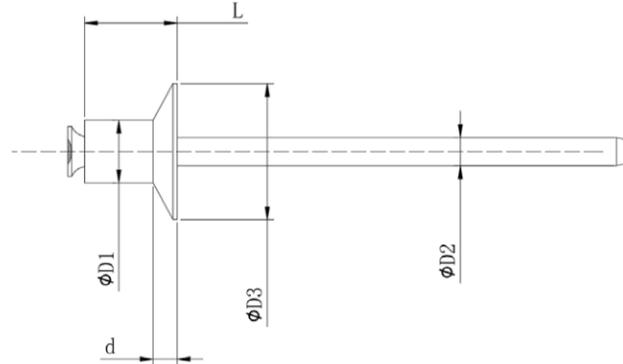


UNIFIED 美制	All dimensions are in inches (均以英寸为单位)																		
	Type 类型	Body Size Sheet Code 不锈钢	Length "L" ±.005 (length code in 32nds of an inch) 长度 "L" ±.015 (以 1/32 英寸为单位)											A ±.003	B ±.003	C Max.	S ±.003	M Max.	E Nom.
	SKC	6060	6	8	10	12	14	16	18	20	24	28	32	0.099	0.177	0.212	0.068	0.108	0.250
METRIC 公制	All dimensions are in millimetre (均以毫米为单位)																		
	Type 类型	Body Size Sheet Code 不锈钢	Length "L" ±.13 (length code in millimeters) 长度 "L" ±.13 (以毫米为单位)											A ±.08	B ±.08	C Max.	S ±.08	M Max.	E Nom.
	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
UNIFIED 美制	All dimensions are in inches (均以英寸为单位)																		
	Type 类型	PANEL 1 面板 1		PANEL 2 面板 2						Metalal 材料	Thickness Range 板厚范围								
	Bottom Mounting Hole +0.003 底部安装孔	Thickness Min. 最小厚度	Top Mounting Hole 顶部安装孔 A																
	SKC	0.213	0.040	A1 Nom.	A2 ±.003	A3 ±.003	A4 Min.	PC Board or Metal	.057-.064										
METRIC 公制	All dimensions are in millimetre (均以毫米为单位)																		
	Type 类型	PANEL 1 面板 1		PANEL 2 面板 2						Metalal 材料	Thickness Range 板厚范围								
	Bottom Mounting Hole +0.003 底部安装孔	Thickness Min. 最小厚度	Top Mounting Hole 顶部安装孔 A																
	SKC	5.4	1	A1 Nom.	A2 ±0.08	A3 ±0.08	A4 Min.	PC Board or Metal	1.45-1.62										

UNIFIED 美制	All dimensions are in inches (均以英寸为单位)								
	Pin Diameter P ±.002 销钉直径	Type 类型	Pin Diameter Code 销钉规格	Length "L" ±.015 (length code in 16ths of an inch) 长度 "L" ±.015 (以 1/16 英寸为单位)	Min. Sheet Thickness 最小板厚	Hole Size in Sheet +0.003 板材开孔	D ±.006	E ±.015	S Max.
	0.125	TPS	125	6 8 10 12	0.040	0.144	0.090	0.197	0.090
	0.187	TPS	187	6 8 10 12 16	0.040	0.205	0.132	0.276	0.090
	0.25	TPS	250	8 10 12 16	0.040	0.272	0.177	0.335	0.090
METRIC 公制	All dimensions are in millimetre (均以毫米为单位)								
	Pin Diameter P ±.002 销钉直径	Type 类型	Pin Diameter Code 销钉规格	Length "L" ±0.4 (length code in millimeters) 长度 "L" ±0.4 (以毫米为单位)	Min. Sheet Thickness 最小板厚	Hole Size in Sheet +0.08 板材开孔	D ±0.15	E ±0.15	S Max.
	3	TPS	3mm	6 8 10 12	1	3.5	2.11	5	2.29
	4	TPS	4mm	8 10 12 16	1	4.5	2.82	6	2.29
	5	TPS	5mm	10 12 16 20	1	5.5	3.53	7	2.29
	6	TPS	6mm	12 16 20	1	6.5	4.24	8	2.29



D1*L 沉头抽空铆钉
D1*L Countersunk Drilled Rivet
材质: 帽 (SUS304), 杆 (铁电兰锌)
Material: Cap (SUS304), Rod (ferroelectric blue zinc)



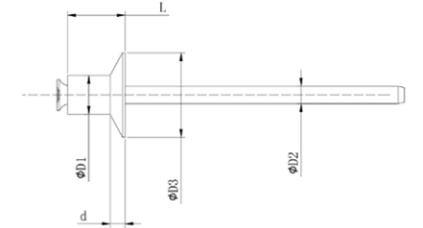
All dimensions are in millimetre (均以毫米为单位)

Hat body diameter 帽体直径 D1	Hat length 帽体长度 L2	Hat brim diameter 帽缘直径 D3±0.2	Hat brim thickness 帽缘厚度 d±0.1	Drilling diameter 钻孔直径	Pull rod diameter 拉杆直径 D2	Riveting range 铆接范围 (mm)	Tensile strength 抗拉力 (N)	Shear strength 抗剪力 (N)
3.0	1.8	5.2	0.6	3.3-3.4	1.9	1.0-1.6	1800	2200
	2.0							
	2.4							
	2.6							
	2.8							
	3							
	3.2							
	3.8							
	4							
	4.5							
	4.8							
	5							
3.2	1.8	5.2	0.6	3.4-3.5	1.9	1.0-1.6	1900	2500
	2.0							
	2.4							
	2.6							
	2.8							
	3							
	3.2							
	3.8							
	4							
	4.5							
	4.8							
	5							
5.8								

注: 主要应用于电子产品(电脑机箱, PC板, 电子元器件, 液晶面板, 通信设备), 汽车(天窗, 电子/音频系统, 音箱, 线束, 礼貌灯, 开关面板, VIN板) 家用电器(柜抽屉, 冷冻抽屉, 冰箱抽屉工具箱抽屉)等产品上。



D1*L 沉头抽空铆钉
D1*L Countersunk Drilled Rivet
材质: 帽 (铁兰锌), 杆 (铁电兰锌)
Material: Cap (Tirane blue zinc), rod (ferroelectric blue zinc)



抽空拉钉 (双平头抽芯铆钉, 双面沉头拉钉)

All dimensions are in millimetre (均以毫米为单位)

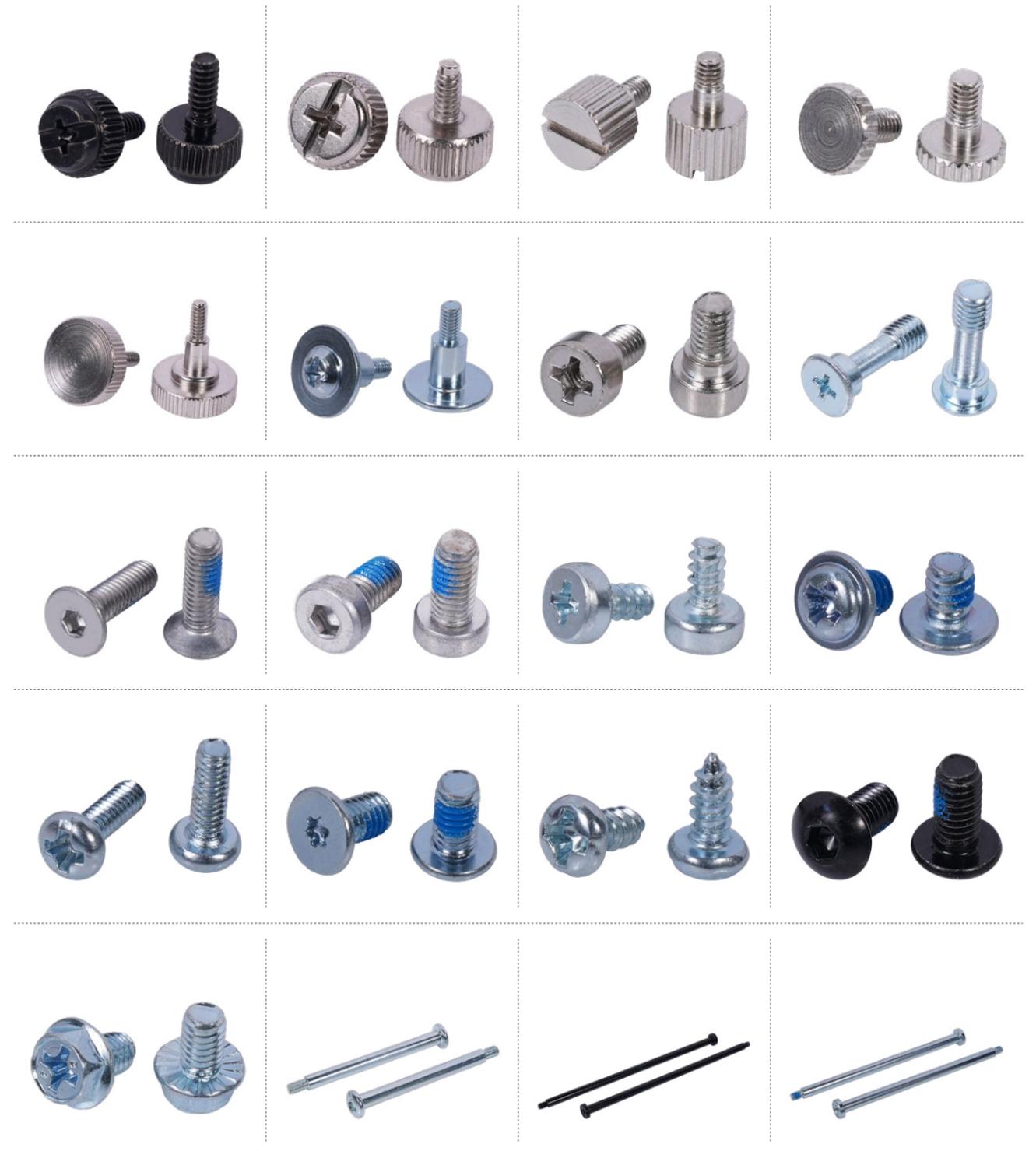
Hat body diameter 帽体直径 D1	Hat length 帽体长度 L2	Hat brim diameter 帽缘直径 D3±0.2	Hat brim thickness 帽缘厚度 d±0.1	Drilling diameter 钻孔直径	Pull rod diameter 拉杆直径 D2	Riveting range 铆接范围 (mm)	Tensile strength 抗拉力 (N)	Shear strength 抗剪力 (N)
2.4	1.8	3.8	0.5	2.6-2.7	1.4	1.0-1.6	500	700
	1.2-1.7							
	1.6-2.1							
	1.8-2.3							
	2.0-2.5							
	2.2-2.7							
	2.4-2.9							
	2.7-3.2							
	3.0-3.5							
	3.2-3.7							
	3.7-4.2							
	4.0-4.5							
3.0	1.8	5.2	0.6	3.3-3.4	1.9	1.0-1.6	900	1100
	1.2-1.7							
	1.6-2.1							
	1.8-2.3							
	2.0-2.5							
	2.2-2.7							
	2.4-3.0							
	3.0-3.5							
	3.2-3.7							
	3.7-4.2							
	4.0-4.5							
	4.2-4.5							
5.0-5.5								
3.2	1.8	5.2	0.6	3.4-3.5	1.9	1.0-1.6	1100	1200
	1.2-1.7							
	1.6-2.1							
	1.8-2.3							
	2.0-2.5							
	2.2-2.7							
	2.4-2.9							
	3.0-3.5							
	3.2-3.7							
	3.7-4.2							
	4.0-4.5							
	4.2-4.5							
5.0-5.5								

Note: Mainly used in electronic products (computer cases, PC boards, electronic components, LCD panels, communication equipment), automobiles (sunroofs, electronic/audio systems, speakers, wiring harnesses, courtesy lights, switch panels, VIN boards), and home appliances (cabinet drawers, freezer drawers, refrigerator drawers, toolbox drawers), etc.

非标车加工产品



螺丝类



抽芯铆钉



半空心铆钉



实心铆钉



轴



弹簧螺丝、松不脱



弹簧螺丝



拉铆螺母

