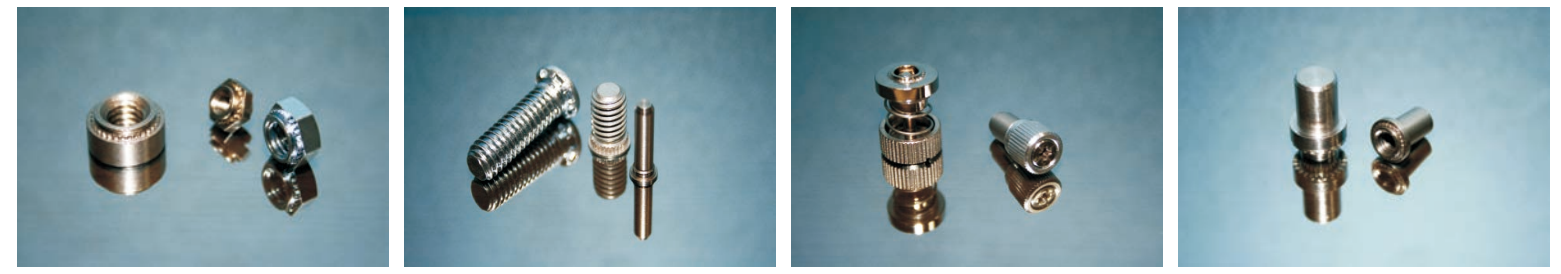


# KST

创造价值 多方共赢  
Create value Mutual benefit

## 紧固件产品技术手册 PRODUCT TECHNICAL MANUAL



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## 南京凯思特金属制品有限公司

NANJING KST METAL MANUFACTURE CO.,LTD



## About KST 公司简介

**南京凯思特金属制品有限公司**是一家从事精密五金零配件的设计研发、制造、销售为一体的服务型生产制造商，我们一直致力于推广国际领先的五金技术和五金产品。

公司生产的产品完全符合ROHS的相关要求,专业为机箱、机柜配套的小五金产品,主要产品包括:压铆紧固件、拉铆紧固件、焊接紧固件、及走线、布线尼龙塑料五金件、机柜上用的密封胶条、滑轨、门锁、拉手、铰链等五金产品，并为客户设计、生产各类非标加工件；

为了更好的满足客户全面的五金配套解决方案的需要，公司与国际知名五金品牌：Accuride (重载滑轨)、LAMP (五金系统)、SAND(密封胶条)、MISUMI (FA自动化工厂)、EMAKA、DIRAK(柜锁、铰链和密封条)、Southco(锁定系统)、TRELLEBORG (特瑞堡)、SELE-valley (压铆设备)、OBO (焊接设备)等结为战略合作伙伴关系，为客户提供各种进口滑轨、锁具、铰链、拉手、密封胶条等五金产品及五金配套设备；

我们坚持以客户为中心,诚信,优质,服务,创新的经营理念,为社会创造更大的价值，一直是我们不懈的追求。

**NANJING KST METAL MANUFACTURE CO.,LTD**, a precision metal parts manufacturer with design,manufacture and sale.We are eager to spread the international leading technology and parts for metal.We have very good credit-worthiness and integrity in around metal occupation.

Our parts conform to the related requirements of ROHS, We offer the professional supporting service for chassis and cabinets. Our main business are: self-clinching fasteners, welding fasteners, wiring plastic metals, sealing strip, slide, lock, handle, hinge and more products applied to chassis and cabinets. We also design or product all kinds of non-standard machining parts for customers.

In order to meet the comprehensive need for customers about the whole adequate service scheme, our company has a good cooperation with international authorized brands: Accuride (heavy rail)、LAMP (hardware system)、SAND (sealing strip)、MISUMI (FA factory automation)、EMKA、DIRAK (lock, hinge and sealing strip)、Southco (lock system)、TRELLEBORG (Trelleborg cable seal)、SELE-valley (self-clinching equipments)、OBO (welding equipments), etc. We offer kinds of import metal parts: slide rail, lock, hinge, handle, sealing strip, etc, and we also supply metal matching equipments.

Customer is God! Our concept are "Utmost Good Faith", "Excellent Quality", "Best Service" and "Active Innovation". Creating more value for the word is our top target all the time.

## Enterprise Idea 企业理念

### Our Prospect

Create and develop into well-known brand for fasteners  
Develop into a global supplier and service provider for hardware  
Founding professional global brand

### Development Strategy

Take the development of hardware manufacturing as enterprise responsibility, and strengthen synthesis competition via technique innovation, mass production, resource confirmation and international cooperation.

### Management Idea

To provide the customers with high level fastening solutions and products with scientific management, rigid service attitude, professional technique team and strict risk precautions.

### Our Mission

Create value Mutual benefit

### Our Value

Integrity Service Innovation Outstanding

### Our Spirit

Devotion Harmony Enterprising Obligation

### 企业愿景

打造五金行业百年企业，成为五金领域优秀的全球供应商和服务商，铸就全球性的专业品牌。

### 发展战略

以促进五金制造业发展为己任，通过技术创新、规模制造、整合资源、国际合作等手段，拓展凯思特在五金产品制造和贸易领域的综合竞争力。

### 经营理念

以科学的管理体系，严谨的服务态度，专业的技术团队，严格的风险防范，在五金行业为客户提供世界水平的系统解决方案和产品供应系统。

### 企业使命

创造价值 多方共赢

### 企业价值观

诚信为本 服务至上 创新图强 追求卓越





### 企业精神

专注 和谐 进取 奉献

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<p>压铆螺母 SELF-CLINCHING NUTS 01</p>	 <p>KD-S KD-CLS KD-SP</p> <p>为薄板提供高强度的螺纹连接，最小板厚可达0.03"/0.8毫米 Strong internal threads in sheets as thin as .03"/0.8mm.</p>	<p>六角压铆螺母 HEXAGONAL SELF-CLINCHING NUTS 07</p>	 <p>KD-BOB KD-BOBS</p> <p>六角型的压铆螺母。最小板厚可达0.03"/0.8毫米 Hexagonal Self-clinching nuts.The sheet as thin as 0.03"/0.8mm.</p>
<p>片型螺母 SELF-CLINCHING FLUSH FASTENERS 03</p>	 <p>KD-F</p> <p>该紧固件安装后两端面与安装板保持齐平，用于薄板，最小板厚可达0.06英寸/1.5毫米 Fasteners remains flush with both sides in sheets as thin as 0.60"/1.5mm.</p>	<p>自锁螺母 SELF-LOCKING FASTENERS 08</p>	 <p>KD-LK KD-LKS</p> <p>具有自锁紧功能，并且不损坏配合件的螺纹 Have locking performance without damaging mating threads.</p>
<p>浮动螺母 FLOATING FASTENERS 04</p>	 <p>KD-AS KD-AC KD-LAS KD-LAC</p> <p>自调节功能的紧固件，可补偿不在一直线上的配合孔的安装误差，具有自锁和非自锁两种螺纹 Floating action compensates for mating hole misalignment, available with locking or non-locking threads.</p>	<p>密封螺母 BLIND FASTENERS 09</p>	 <p>KD-B KD-BS</p> <p>应用于需要密封的场合，密封的底端可限制螺纹穿透，并且可隔绝外部物质进入 Used for application requiring blind ends.Blind end limits screw penetration and excludes dirt.</p>
<p>微空间铆螺母 MINIATURE FASTENERS 05</p>	 <p>KD-U KD-UL KD-FE KD-FEX KD-FEO KD-FEOX</p> <p>占用空间小，螺纹连接强度高，分自锁和非自锁两种螺纹，最小板厚可达0.02英寸/0.76毫米 Strong threads in a minimum of space.Available with locking or non-locking threads. Can be installed in to sheets as thin as .02"/0.76mm.</p>	<p>通孔螺母柱 THRU-HOLE, THREAD STANDOFFS 10</p>	 <p>KD-SO KD-SOS KD-SO4</p> <p>用在机箱或电路板上起间隔或固定作用 These self-clinching standoffs have thru-hole threads.</p>
<p>斜花挤压螺母 HEXAGONAL INSERT NUTS 06</p>	 <p>KD-BN KD-BNS</p> <p>适用最小板厚可达1.0毫米，该款螺母对于抗推出力及抗扭矩有着更为优良的性能，多应用于汽车工业 Hexagonal insert nuts strong internal threads, in sheets as thin as 1.0mm. Broadly applied to autos for its high quality of thrust and torque resistance.</p>	<p>盲孔螺母柱 BLIND THREADED STANDOFFS 11</p>	 <p>KD-BSO KD-BSOS KD-BSOA</p> <p>用在机箱或电路板上起间隔或固定作用 Used in cabinets and circuit board,for isdating or fixing.</p>

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<p>薄板螺母柱 THREADED STANDOFF FOR THIN SHEET 12</p>	 <p>KD-TSO KD-TSOS KD-TSOA</p> <p>嵌入安装板内，可为厚度0.25英寸/0.63毫米以上的薄板提供牢固的内螺纹 These threaded standoffs provide permanent thread in sheets as thin as .25"/0.63mm.</p>	<p>六角压铆螺钉 HEXAGON HEAD SELF-CLINCHING STUDS 17</p>	 <p>KD-NFH KD-NFHS</p> <p>用于.04英寸/1.0毫米以上的薄板，起固定和连接作用 Using the sheet thicker than 0.04"/1.0mm for connecting and fixing.</p>
<p>压花螺母柱 THREADED STANDOFFS FOR CLOSE TO EDGE APPLICATIONS 13</p>	 <p>KD-DSO KD-DSOS</p> <p>对接口的安装提供经济有效的解决方案，安装快速简洁 Screwlock standoffs for mounting D-sub connectors to panel. Provide a cost-effective solution to your connect mounting requirements.</p>	<p>薄板压铆螺钉 SELF-CLINCHING NON-FLUSH STUDS 18</p>	 <p>KD-TFH KD-TFHS</p> <p>用于.02英寸/0.51毫米以上的薄板，起固定和连接作用。安装后，钉子的头部高于板的表面大约.025英寸/0.64毫米 Non-flush studs for sheets as thin as .02"/0.51 mm. Stud head will project above the sheet surface approximately .025"/0.64mm.</p>
<p>埋头螺母柱 CONCEALED-HEAD STANDOFFS 14</p>	 <p>KD-CSS KD-CSOS</p> <p>安装在铣削的盲孔中，埋头螺母柱的相对面需保持无损伤 Installed into a blind milled hole where surface opposite standoff must remain unmarred.</p>	<p>高强度压铆螺钉 SELF-CLINCHING HIGH-STRENGTH STUDS 19</p>	 <p>KD-HFH KD-HFHS KD-HFHB</p> <p>用于0.05英寸/1.3毫米以上的薄板，起固定和连接作用 Using the sheet thicker than 0.05"/1.3mm for connecting and fixing.</p>
<p>支撑卡柱 SNAP-TOP STANDOFFS 15</p>	 <p>KD-SSA KD-SSC KD-SSS</p> <p>安装在金属板上，间隔其他P.C.板或金属板，只需将板按扣在柱体上 Accurate board simply by snaply space a P.C. board from another board or metal ping board on standoff.</p>	<p>小压铆螺钉 SMALL SELF-CLINCHING STUDS 20</p>	 <p>KD-FHL KD-FHLS</p> <p>接近边缘安装时，不会容易造成边缘隆起。 Installs closer to the edge of a sheet without causing that edge to bulge.</p>
<p>压铆螺钉 SELF-CLINCHING STUDS 16</p>	 <p>KD-FH KD-FHS KD-FH4</p> <p>用于.04英寸/1.0毫米以上的薄板，起固定和连接作用 Using the sheet thicker than 0.04"/1.0mm for connecting and fixing.</p>	<p>平头定位销 FLUSH-MOUNTED PILOT PINS 21</p>	 <p>KD-TPS</p> <p>应用于安装板有位置排列、轴向定位要求的场合，尾部大倒角使安装更快捷 Satisfies wide range of positioning, pivot and alignment application, chamfered and makes mating hole location easily.</p>



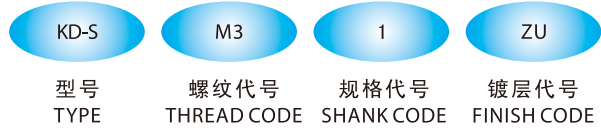
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<p>埋头螺钉 CONCEALED-HEAD STUDS 22</p>	<p>手紧螺钉 PANEL FASTENER 27</p>
 <p>KD-CHC KD-CHA KD-CFHC KD-CFHA</p> <p>安装在铣削的盲孔中，埋头螺母柱的相对面需保持无损伤 Installed into a blind milled hole where surface opposite standoff must remain unmarred.</p>	 <p>KD-PF08 KD-PF09 KD-PF10</p> <p>占微小空间的翻铆式弹簧面板紧固件 Completely pre-assembled spring-loaded panel fasteners.</p>
<p>P. C. B螺母 BROACHING TYPE NUTS 23</p>	<p>面板紧固件 PANEL FASTENER ASSEMBLIES 28</p>
 <p>KD-KF2 KD-KFS2</p> <p>为PC板提供螺纹连接的螺母 Internally threaded fasteners for mounting into P.C. boards.</p>	 <p>KD-PF11 KD-PFS11</p> <p>完全预安装的压铆式弹簧面板紧固件 These panel fasteners feature a universal slot-phihis drive, knurled cap for ease of use.</p>
<p>P. C. B螺母柱 BROACHING TYPE STANDOFFS 24</p>	<p>面板紧固件 PANEL FASTENER ASSEMBLIE 29</p>
 <p>KD-KFE KD-KFSE</p> <p>为PC板提供螺纹连接的螺母柱 Standoffs available with or without thread for mounting into P.C. boards, for spacing or stacking.</p>	 <p>KD-PF15 KD-PF25 KD-PF41 KD-PF42</p> <p>压铆式弹簧面板紧固件,适用于所有板材的安装。 Occupy the samll space spring panel fasteners,Addaptation to install all plate.</p>
<p>P. C. B螺钉 BROACHING TYPE STUDS 25</p>	<p>面板紧固件 PANEL FASTENER ASSEMBLIE 30</p>
 <p>KD-KFH</p> <p>为PC板提供螺纹连接的螺钉 Standoffs available with or without thread for mounting into P.C. boards, for spacing or stacking.</p>	 <p>KD-PF30 KD-PF31 KD-PF32 KD-PFHV</p> <p>完全预安装的压铆式弹簧面板紧固件 Completely pre-assembled spring-loaded panel fasteners.</p>
<p>接地螺母柱 GROUNDING STANDOFFS 26</p>	<p>面板紧固件 PANEL FASTENER ASSEMBLIES 32</p>
 <p>KD-SOSG KD-SOAG</p> <p>用于P.C.B.底板，细齿装的设计，能够与电路板箔有更好的电接触 Applied in P.C.B., ensuring reliable connection through the flaring at bottom.</p>	 <p>KD-PFC2 KD-PFS2 KD-PFC2P</p> <p>完全预安装的压铆式弹簧面板紧固件 Completely pre-assembled spring-loaded panel fasteners.</p>

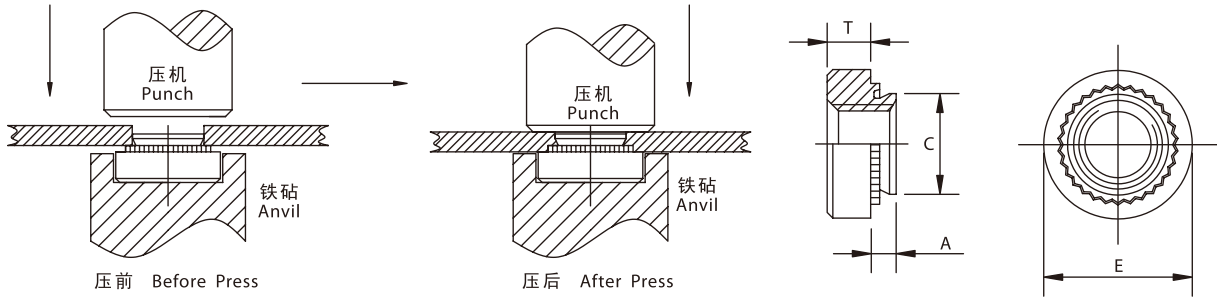
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<p>弹簧柱塞 SPRING-LOADED PLUNGER ASSEMBLIES 34</p>	<p>焊接螺钉、螺母系列 WELDING STUDS AND NUTS 44</p>
 <p>KD-PT KD-PTS KD-PTL2 KD-PSL2</p> <p>完全预安装的压铆式弹簧面板紧固件，可起到方便快速的销钉定位功能 completely pre-assembled spring-loaded panel fasteners, play the function of convenient and fast positioning pin</p>	 <p>使用专用设备通过瞬间强电流将焊接螺钉、螺母牢固焊接在金属表面上的一种工艺 A technology using special equipments welds the studs and nuts into the metal surface firmly by instantaneous strong electric current</p>
<p>涨铆螺母 HANK-SERT 35</p>	<p>其它紧固件 OTHER FASTENER ASSEMBLIES 45</p>
 <p>KD-KS KD-KSS</p> <p>为薄板提供高强度的内螺纹，常用于不锈钢板的压装，板厚最小可达0.04英寸/1毫米 Strong internal threads in sheets, can be installed into stainless steel sheets as 0.04"/1mm.</p>	 <p>抽芯铆钉、拉丝铆钉、空心铆钉、钢丝螺套、M2以下的微型螺丝、普通标准件等 Core Pulling Rivet, Wire-drawing Rivet, Hollow Rivet, Miniature screws within Dia.M2, normal standard fasteners, etc.</p>
<p>涨铆螺母柱 HANK-STANDOFF-SERT 36</p>	<p>非标加工件 NON-STANDARD PROCESSING PARTS 46</p>
 <p>KD-KSO KD-KSOS</p> <p>常用于不锈钢板的压装，安装板厚最小可达0.04英寸/毫米，同时可根据客户的需求提供盲孔的螺母柱 Standoffs available with threads, can be installed into stainless steel as 0.04"/1mm. blind standoff also available.</p>	 <p>根据客户的图纸，定制各种车削件、冷镦加工件和冲压件产品 According to customers drawing, we specialized in producing all kinds of turning pieces, cold heading processing pieces and metal stampings.</p>
<p>拉铆螺母 PULL RIVETING NUTS 37</p>	<p>塑料紧固件 PLASTIC FASTENERS 47</p>
 <p>KD</p> <p>拉铆式螺母，安装简易 Fast, easy installation</p>	 <p>间隔柱，铆钉，布线产品及注塑，压塑，浸塑等各类塑料制品 Spacer, rivets, wiring products and injection molding, compression molding, immersion and other plastic products</p>
<p>卡式螺母及皇冠螺钉 CASSETTING NUTS AND CROWN STUDS 43</p>	<p>代理品牌 ACTING BRAND 54</p>
 <p>KM KHG</p> <p>卡式螺母与皇冠螺钉配合使用，对面板进行美化装饰 Cassette Nuts and Crown Studs are used together, for the Panels beautification and decoration</p>	 <p>代理经销：世嘉智尼，雅固拉，爱姆卡，索斯科的各类拉手铰链搭扣滑轨等五金产品。 (Agent distribution: SUGATSUNE, ACCURIDE, EMKA, SOUTHCO all kinds of handle, hinge, buckle, slide rail and other hardware products.)</p>

# 压铆螺母 SELF-CLINCHING NUTS



## 安装方法 INSTALLATION

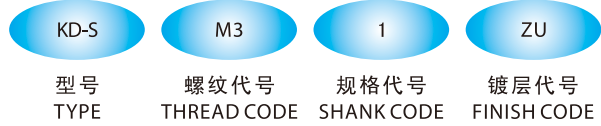


ALL DIMENSIONS ARE IN MILLIMETERS(均以MM为单位)

螺纹尺寸×螺距 THREAD SIZE × PITCH	型号 TYPE			螺纹代号 THREAD CODE	规格代号 SHANK CODE	A最大 A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +.080-.000	C MAX	E ±0.25	T ±0.25	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	硬化不锈钢 HARDENING GRADE STAINLESS STEEL									
M2×0.4	KD-S	KD-CLS	/	M2	0	0.77	0.8-1	4.25	4.22	6.30	1.5	4.8
					1	0.97	1					
					2	1.38	1.4					
M2.5×0.45	KD-S	KD-CLS	/	M2.5	0	0.77	0.8-1	4.25	4.22	6.30	1.5	4.8
					1	0.97	1					
					2	1.38	1.4					
M3×0.5	KD-S	KD-CLS	KD-SP	M3	0	0.77	0.8-1	4.25	4.22	6.35	1.5	4.8
					1	0.97	1					
					2	1.38	1.4					
M3.5×0.6	KD-S	KD-CLS	/	M3.5	0	0.77	0.8-1	4.75	4.73	7.1	1.5	5.6
					1	0.97	1					
					2	1.38	1.4					
M4×0.7	KD-S	KD-CLS	KD-SP	M4	0	0.77	0.8-1	5.4	5.38	7.9	2	6.9
					1	0.97	1					
					2	1.38	1.4					
M5×0.8	KD-S	KD-CLS	KD-SP	M5	0	0.77	0.8-1	6.4	6.38	8.7	2	7.1
					1	0.97	1					
					2	1.38	1.4					
M6×1	KD-S	KD-CLS	KD-SP	M6	00	0.89	0.92	8.75	8.72	11.05	4.08	8.6
					0	1.15	1.2					
					1	1.38	1.4					
					2	2.21	2.3					
M8×1.25	KD-S	KD-CLS	/	M8	1	1.38	1.4	10.5	10.47	12.7	5.47	9.7
					2	2.21	2.3					
M10×1.5	KD-S	KD-CLS	/	M10	1	2.21	2.3	14	13.97	17.35	7.48	13.5
					2	3.05	3.18					

- KD-S 碳钢类：适用于铝板、钢板铆接，板材硬度HRB≤80。
- KD-CLS 不锈钢类：适用于铝板、钢板铆接，板材硬度HRB≤70。
- KD-SP 硬化不锈钢类：适用于不锈钢板铆接，板材硬度HRB≤90。
  
- KD-S Carbon steel : for aluminum panel, steel panel with hardness HRB≤80.
- KD-CLS Stainless steel : for aluminum panel, steel panel with hardness HRB≤70.
- KD-SP Hardened stainless steel : for stainless steel panel with hardness HRB≤90.

# 压铆螺母 SELF-CLINCHING NUTS

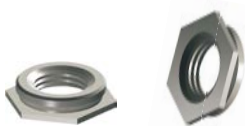


ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

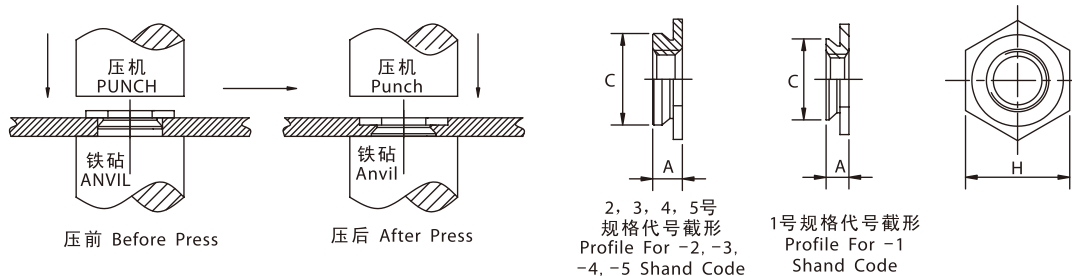
螺纹尺寸 THREAD SIZE	型号 TYPE			螺纹代号 THREAD CODE	规格代号 SHANK CODE	A最大 A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET+ .003 -.000	C MAX	E ± .010	T ± .010	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不 锈 钢 STAINLESS STEEL	硬化不锈钢 HARDENING GRADE STAINLESS STEEL									
.086-56 (#2-56)	KD-S	KD-CLS	/	256	0	.030	.030	.166	.165	.25	.07	.19
					1	.038	.040					
					2	.054	.056					
.099-48 (#3-48)	KD-S	KD-CLS	/	348	0	.030	.030	.166	.165	.25	.07	.19
					1	.038	.040					
					2	.054	.056					
.112-40 (#4-40)	KD-S	KD-CLS	KD-SP	440	0	.030	.030	.166	.165	.25	.07	.19
					1	.038	.040					
					2	.054	.056					
					3	.087	.091					
.138-32 (#6-32)	KD-S	KD-CLS	KD-SP	632	0	.030	.030	.1875	.187	.28	.07	.22
					1	.038	.040					
					2	.054	.056					
					3	.087	.091					
.164-32 (#8-32)	KD-S	KD-CLS	KD-SP	832	0	.030	.030	.213	.212	.31	.09	.27
					1	.038	.040					
					2	.054	.056					
					3	.087	.091					
.190-24 (#10-24)	KD-S	KD-CLS	/	024	0	.030	.030	.250	.249	.34	.09	.28
					1	.038	.040					
					2	.054	.056					
					3	.087	.091					
.190-32 (#10-32)	KD-S	KD-CLS	KD-SP	032	0	.030	.030	.250	.249	.34	.09	.28
					1	.038	.040					
					2	.054	.056					
					3	.087	.091					
.216-24 (#12-24)	KD-S	KD-CLS	/	1224	1	.038	.040	.277	.276	.37	.13	.31
					2	.054	.056					
					3	.087	.091					
.250-20 (1/4-20)	KD-S	KD-CLS	KD-SP	0420	0	.045	.047	.344	.343	.44	.17	.34
					1	.054	.056					
					2	.087	.091					
					3	.120	.125					
.250-28 (1/4-28)	KD-S	KD-CLS	/	0428	1	.054	.056	.344	.343	.44	.17	.34
					2	.087	.091					
					3	.120	.125					
.313-18 (5/16-18)	KD-S	KD-CLS	/	0518	1	.054	.056	.413	.412	.50	.23	.38
					2	.087	.091					
					3	.120	.125					
.313-24 (5/16-24)	KD-S	KD-CLS	/	0524	1	.054	.056	.413	.412	.50	.23	.38
					2	.087	.091					
					3	.120	.125					
.375-16 (3/8-16)	KD-S	KD-CLS	/	0616	1	.087	.091	.500	.499	.56	.27	.44
					2	.120	.125					
					3	.235	.250					
.375-24 (3/8-24)	KD-S	KD-CLS	/	0624	1	.087	.091	.500	.499	.56	.27	.44
					2	.120	.125					
					3	.235	.250					
.500-13 (1/2-13)	KD-S	KD-CLS	/	0813	1	.120	.125	.656	.655	.81	.36	.63
					2	.235	.250					
.500-20 (1/2-20)	KD-S	KD-CLS	/	0820	1	.120	.125	.656	.655	.81	.36	.63
					2	.235	.250					



# 片型螺母 SELF-CLINCHING FLUSH FASTENERS



## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILLIMETERS(均以MM为单位)

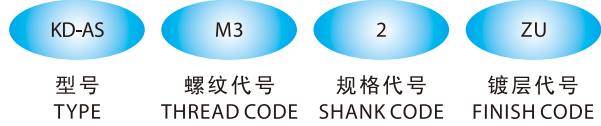
螺纹尺寸× 螺距 THREAD SIZE×PITCH	型号 TYPE	螺纹代号 THREAD CODE	规格代号 SHANK CODE	A最大 A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET+0.080 -.000	C最大 C MAX	H公称尺 寸NOM	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
M2×0.4	KD-F	M2	1	1.53	1.53-2.3	4.37	4.35	4.8	6
			2	2.3	≥2.32				
M2.5×0.45	KD-F	M2.5	1	1.53	1.53-2.3	4.37	4.35	4.8	6
			2	2.3	≥2.32				
M3×0.5	KD-F	M3	1	1.53	1.53-2.3	4.37	4.35	4.8	6
			2	2.3	≥2.32				
M4×0.7	KD-F	M4	1	1.53	1.53-2.3	7.37	7.35	7.9	7.2
			2	2.3	≥2.32				
M5×0.8	KD-F	M5	1	1.53	1.53-2.3	7.92	7.9	8.7	8
			2	2.3	≥2.32				
M6×1	KD-F	M6	3	3.05	3.2-3.9	8.74	8.72	9.5	8.8
			4	3.84	4.0-4.7				
			5	4.63	≥4.75				

ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

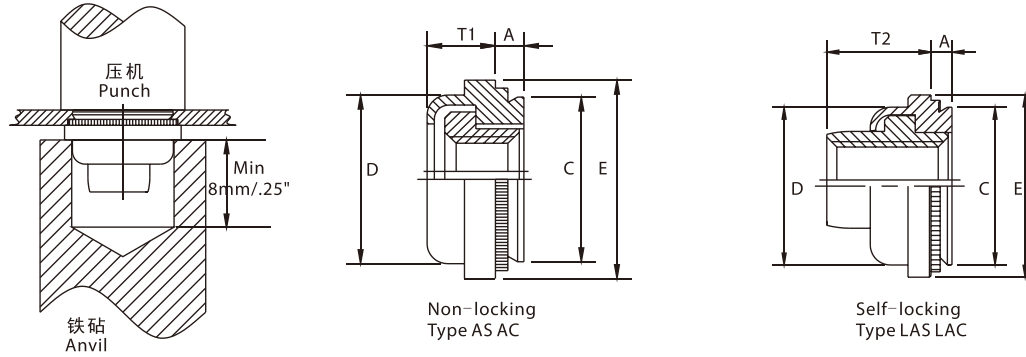
螺纹尺寸 THREAD SIZE	型号 TYPE	螺纹代号 THREAD CODE	规格代号 SHANK CODE	A最大 A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET+0.003 -.000	C最大 C MAX	H公称尺 寸NOM	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
.086-56 (#2-56)	KD-F	256	1	.060	.060-.090	.172	.171	.188	.23
			2	.090	≥.091				
.112-40 (#4-40)	KD-F	440	1	.060	.060-.090	.172	.171	.188	.23
			2	.090	≥.091				
.138-32 (#6-32)	KD-F	632	1	.060	.060-.090	.213	.212	.250	.27
			2	.090	≥.091				
.164-32 (#8-32)	KD-F	832	1	.060	.060-.090	.290	.289	.312	.28
			2	.090	≥.091				
.190-32 (#10-32)	KD-F	032	1	.060	.060-.090	.312	.311	.343	.31
			2	.090	≥.091				
.250-20 (1/4-20)	KD-F	0420	3	.120	.125-.155	.344	.343	.375	.34
			4	.151	.156-.186				
			5	.182	≥.187				

- KD-F 不锈钢类：适用于铝板或碳钢板铆接，板材硬度HRB≤70。
- KD-F4 硬化不锈钢类：适用于不锈钢板铆接，板材硬度HRB≤90(此款无库存，需另行订购)。
- KD-F Stainless steel: for aluminum panel, steel panel with hardness HRB≤70.
- KD-F4 Hardened stainless steel: for stainless steel panel with hardness HRB≤90 (No stock for this model, we produce up on order).

# 浮动螺母 FLOATING FASTENERS



## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILLIMETERS (均以MM为单位)

螺纹尺寸× 螺距 THREAD SIZE×PITCH	非自锁 NON-LOCKING		自锁 SELF-LOCKING		螺纹 代号 THREAD CODE	规格 代号 SHANK CODE	A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET+0.080 -0.000	C MAX	D MAX	E ±0.4	T1 MAX	T2 MAX	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL											
M3×0.5	KD-AS	KD-AC	KD-LAS	KD-LAC	M3	1	0.97	1	7.37	7.35	7.37	9.14	3.31	4.83	7.62
							2	1.38							
M4×0.7	KD-AS	KD-AC	KD-LAS	KD-LAC	M4	1	0.97	1	9.35	9.33	9.28	11.18	3.31	5.34	8.64
							2	1.38							
M5×0.8	KD-AS	KD-AC	KD-LAS	KD-LAC	M5	1	0.97	1	10.31	10.29	10.29	11.94	4.32	6.86	9.14
							2	1.38							
M6×1	KD-AS	KD-AC	KD-LAS	KD-LAC	M6	2	1.38	1.4	13.08	13.06	12.96	15.24	5.34	7.88	10.67

ALL DIMENSIONS ARE IN INCHES (均以英寸为单位)

螺纹尺寸 THREAD SIZE	非自锁 NON-LOCKING		自锁 SELF-LOCKING		螺纹 代号 THREAD CODE	规格 代号 SHANK CODE	A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET+0.003 -.000	C MAX	D MAX	E± .015	T1 MAX	T2 MAX	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL											
.112-40 (#4-40)	KD-AS	KD-AC	KD-LAS	KD-LAC	440	1	.038	.04	.290	.289	.290	.36	.13	.19	.30
							2	.054							
.138-32 (#6-32)	KD-AS	KD-AC	KD-LAS	KD-LAC	632	1	.038	.04	.290	.327	.335	.39	.13	.20	.32
							2	.054							
.164-32 (#8-32)	KD-AS	KD-AC	KD-LAS	KD-LAC	832	1	.038	.04	.368	.367	.365	.44	.13	.21	.34
							2	.054							
.190-24 (#10-24)	KD-AS	KD-AC	KD-LAS	KD-LAC	024	1	.038	.04	.406	.405	.405	.47	.17	.27	.36
							2	.054							
.190-32 (#10-32)	KD-AS	KD-AC	KD-LAS	KD-LAC	032	1	.038	.04	.406	.405	.405	.47	.17	.27	.36
							2	.054							
.250-28 (1/4-20)	KD-AS	KD-AC	KD-LAS	KD-LAC	0420	2	.054	.056	.515	.514	.510	.60	.21	.31	.42
.250-28 (1/4-28)	KD-AS	KD-AC	KD-LAS	KD-LAC	0428	2	.054	.056	.515	.514	.510	.60	.21	.31	.42

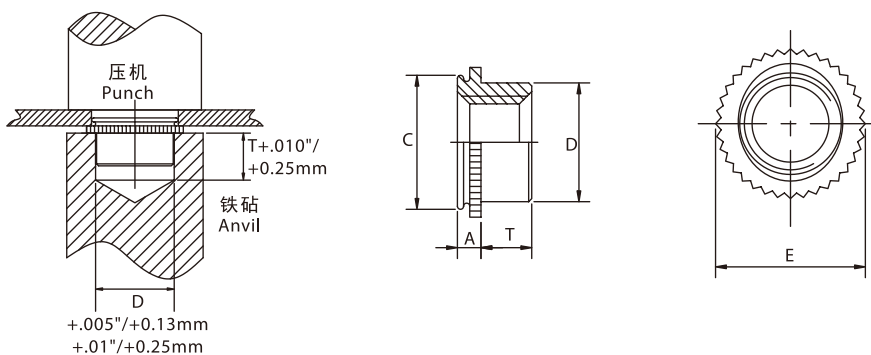
- 所有型号均适用于铝板、钢板铆接，板材硬度HRB≤70。
- All models are for aluminum panel, steel panel with hardness HRB≤70.

# 微空间铆螺母 MINIATURE FASTENERS



KD-UL	256	1
型号 TYPE	螺纹代号 THREAD CODE	规格代号 SHANK CODE

## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILLIMETERS(均以MM为单位)

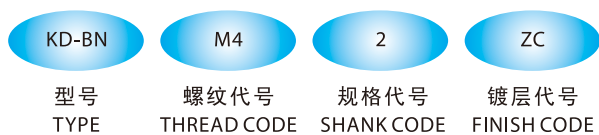
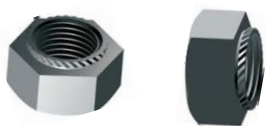
螺纹尺寸 × 螺距 THREAD SIZE × PITCH	非自锁 NON- LOCKING	自锁 SELF- LOCKING	螺纹代号 THREAD CODE	规格代号 SHANK CODE	A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +0.080-0.000	C MAX +0.00 -0.13	D MAX	E ±0.13	T +0.40 -0.00	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE	安装后最大 接触孔 MAX HOLE IN ATTACHED PARTS
M2×0.4	KD-U	KD-UL	M2	1	0.76	0.79-0.91	3.6	3.6	2.5	4.07	1.65	2.8	2.5
M3×0.5	KD-FE0X	KD-FE0	M3	\	1.02	0.99-1.14	4.39	4.37	3.96	4.88	1.9	3.6	3.5
	KD-FEX	KD-FE			1.53	1.5-1.78							
M4×0.7	KD-FE0X	KD-FE0	M4	\	1.02	0.99-1.14	7.39	7.37	5.23	8.17	2.55	5.2	4.5
	KD-FEX	KD-FE			1.53	1.5-1.78							
M5×0.8	KD-FE0X	KD-FE0	M5	\	1.02	0.99-1.14	7.39	7.37	6.48	8.17	3.05	5.2	5.5
	KD-FEX	KD-FE			1.53	1.5-1.78							
M6×1	KD-FEX	KD-FE	M6	\	1.53	1.5-1.78	8.74	8.72	7.72	9.74	3.3	7.1	6.5

ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

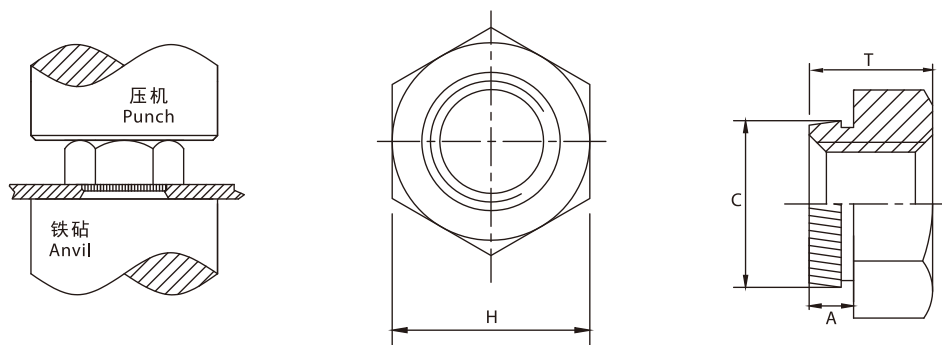
螺纹尺寸 THREAD SIZE	非自锁 NON- LOCKING	自锁 SELF- LOCKING	螺纹代号 THREAD CODE	规格代号 SHANK CODE	A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +0.003-0.000	C MAX +0.00 -0.005	D MAX	E ±0.005	T +0.015 -0.000	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE	安装后最大 接触孔 MAX HOLE IN ATTACHED PARTS
.060-80 (#0-80)	KD-U	KD-UL	080	0	.020	.019-.022	.110	.1095	.076	.125	.050	.09	.080
.073-64 (#1-64)	KD-U	KD-UL	164	0	.020	.019-.022	.110	.1095	.090	.125	.050	.09	.093
.086-56 (#2-56)	KD-U	KD-UL	256	0	.020	.019-.022	.144	.1435	.106	.160	.065	.11	.106
				1	.031	.030-.036							
.112-40 (#4-40)	KD-FE0X	KD-FE0	440	\	.040	.039-.045	.172	.171	.145	.192	.065	.14	.132
	KD-FEX	KD-FE			.060	.059-.070							
.138-32 (#6-32)	KD-FE0X	KD-FE0	632	\	.040	.039-.045	.213	.212	.180	.244	.075	.17	.158
	KD-FEX	KD-FE			.060	.059-.070							
.164-32 (#8-32)	KD-FE0X	KD-FE0	832	\	.040	.039-.045	.290	.289	.215	.322	.090	.20	.184
	KD-FEX	KD-FE			.060	.059-.070							
.190-32 (#10-32)	KD-FE0X	KD-FE0	032	\	.040	.039-.045	.290	.289	.245	.322	.110	.20	.210
	KD-FEX	KD-FE			.060	.059-.070							
1/4-20	KD-FEX	KD-FE	0420	\	.060	.059-.070	.344	.343	.318	.384	.120	.28	.270
1/4-28			0428										

- 所有型号均适用于铝板、钢板铆接，板材硬度HRB≤70。
- All models are for aluminum panel, steel panel with hardness HRB≤70.

# 斜花挤压螺母 HEXAGONAL INSERT NUTS



## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILLIMETERS(均以MM为单位)

螺纹尺寸 × 螺距 THREAD SIZE × PITCH	型号 TYPE		螺纹 代号 THREAD CODE	规格 代号 SHANK CODE	A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET ±.040	C±0.1	H ±0.25	螺母厚度 T±0.25	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL									
M3×0.5	KD-BN	KD-BNS	M3	1	0.9	1	4.5	4.7	5.5	3	5.6
				2	1.8	2					
M4×0.7	KD-BN	KD-BNS	M4	1	0.9	1	5.5	5.7	7	3.2	6.7
				2	1.8	2					
M5×0.8	KD-BN	KD-BNS	M5	1	0.9	1	6.5	6.75	8	4	7
				2	1.8	2				5	
M6×1.0	KD-BN	KD-BNS	M6	1	0.9	1	8	8.25	10	5	8.7
				2	1.8	2					
M8×1.25	KD-BN	KD-BNS	M8	1	0.9	1	10	10.35	13	6.5	9.5
				2	1.8	2					
M10×1.5	KD-BN	KD-BNS	M10	1	0.9	1	12.5	12.85	15	8	10
				2	1.8	2					
M12×1.75	KD-BN	KD-BNS	M12	1	1.8	2	14.5	14.85	17	10	12
				2	2.8	3					

- KD-BN 碳钢类：适用于钢板铆接，板材硬度HRB≤80。
- KD-BNS 不锈钢类：适用于铝板、钢板铆接，板材硬度HRB≤70。
- KD-BN Carbon Steel: for steel panel with hardness HRB≤80.
- KD-BNS Stainless steel: for aluminum panel, steel panel with hardness HRB≤70.

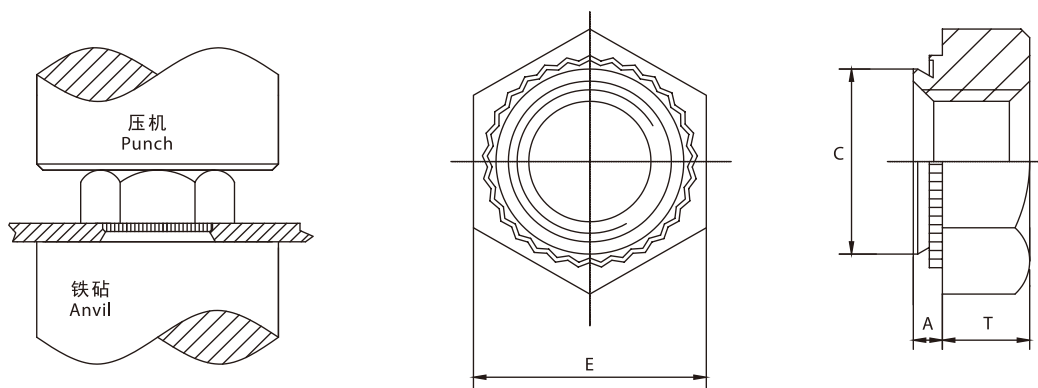


# 六角压铆螺母 HEXAGONAL SELF-CLINCHING NUTS



KD-BOB	M3	1	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 DIMENSIONS ARE IN MILLIMETERS(均以MM为单位)

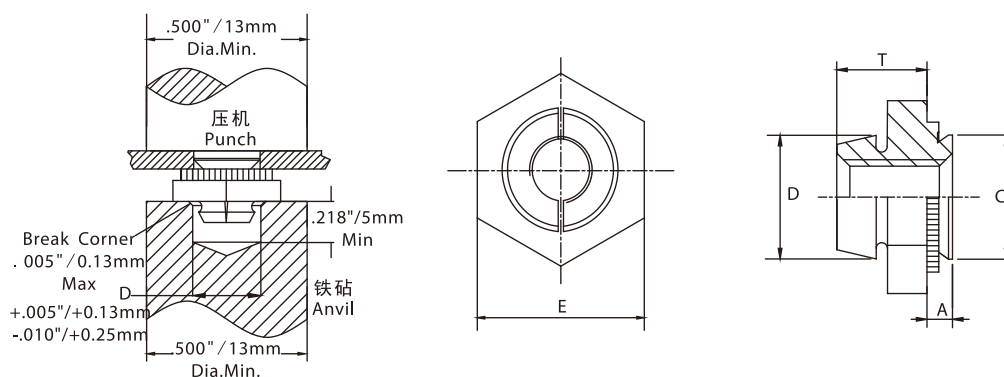
螺纹尺寸 × 螺距 THREAD SIZE × PITCH	型号 TYPE		螺纹 代号 THREAD CODE	规格 代号 SHANK CODE	A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +0.080 -0.000	C MAX	E ±0.25	T ±0.25	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL									
M3×0.5	KD-BOB	KD-BOBS	M3	0	0.8	0.8	4.5	4.45	5.5	2.0	4.8
				1	1.0	1.0					
				2	1.4	1.4					
M4×0.7	KD-BOB	KD-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					
M5×0.8	KD-BOB	KD-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					
M6×1.0	KD-BOB	KD-BOBS	M6	1	1.0	1.0	8.0	7.95	10.0	4.0	8.6
				2	1.4	1.5					

- KD-BOB 碳钢类：适用于钢板铆接，板材硬度HRB≤80。
- KD-BOBS 不锈钢类：适用于铝板、钢板铆接，板材硬度HRB≤70。
- KD-BOB Carbon Steel: for steel panel with hardness HRB≤80.
- KD-BOBS Stainless steel: for aluminum panel, steel panel with hardness HRB≤70.

# 自锁螺母 SELF-LOCK FASTENERS



## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILLIMETERS(均以MM为单位)

螺纹尺寸 × 螺距 THREAD SIZE × PITCH	型号 TYPE			螺纹代号 THREAD CODE	规格代号 SHANK CODE	A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET + .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 HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	铝 ALUMINUM										
M2.5×0.45	KD-LK	KD-LKS	KD-LKA	M2.5	1	0.97	1	4.37	4.35	4.45	6.35	3.43	3.9
	KD-LK	KD-LKS	KD-LKA										
M3×0.5	KD-LK	KD-LKS	KD-LKA	M3	1	0.97	1	4.75	4.73	4.85	6.35	3.43	4.0
	KD-LK	KD-LKS	KD-LKA										
M4×0.7	KD-LK	KD-LKS	KD-LKA	M4	1	0.97	1	6.76	6.73	6.2	8.73	4.45	5.2
	KD-LK	KD-LKS	KD-LKA										
M5×0.8	KD-LK	KD-LKS	KD-LKA	M5	1	0.97	1	7.92	7.9	7.75	9.53	5.21	5.6
	KD-LK	KD-LKS	KD-LKA										

ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

螺纹尺寸 THREAD SIZE	型号 TYPE			螺纹代号 THREAD CODE	规格代号 SHANK CODE	A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET + .003-.000	C MAX	D MAX	E 公称 NOM	T ± .010	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	铝 ALUMINUM										
.086-56 (2#-56)	KD-LK	KD-LKS	KD-LKA	256	1	.038	.040	.172	.171	.165	.250	.135	.156
	KD-LK	KD-LKS	KD-LKA										
.112-40 (#4-40)	KD-LK	KD-LKS	KD-LKA	440	1	.038	.040	.187	.186	.185	.250	.135	.156
	KD-LK	KD-LKS	KD-LKA										
.138-32 (#6)32	KD-LK	KD-LKS	KD-LKA	632	1	.038	.040	.219	.218	.220	.312	.145	.187
	KD-LK	KD-LKS	KD-LKA										
.164-32 (#8-32)	KD-LK	KD-LKS	KD-LKA	832	1	.038	.040	.266	.265	.250	.343	.175	.203
	KD-LK	KD-LKS	KD-LKA										
.190-32 (#10-32)	KD-LK	KD-LKS	KD-LKA	032	1	.038	.040	.312	.311	.300	.375	.205	.218
	KD-LK	KD-LKS	KD-LKA										

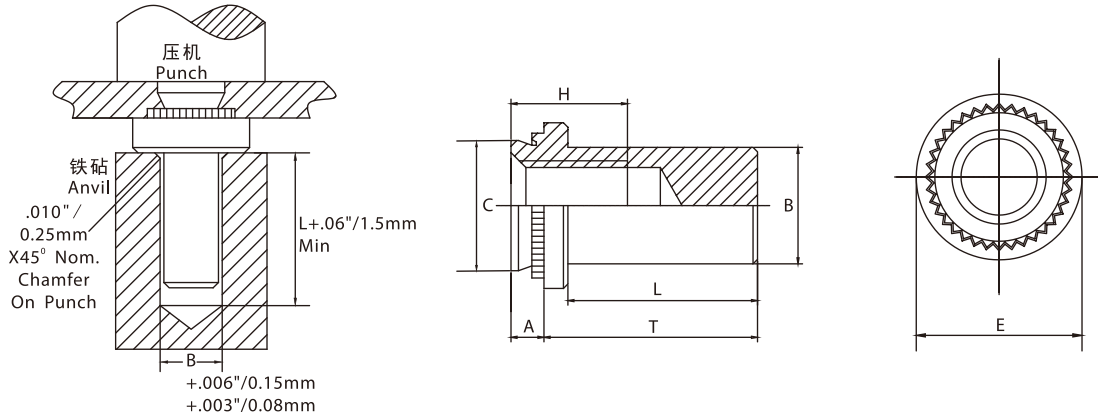
- KD-LK 碳钢类：适用于钢板铆接，板材硬度HRB≤80。
- KD-LKS 不锈钢类：适用于铝板、钢板铆接，板材硬度HRB≤70。
- KD-LKA 铝类：适用于铝板铆接，板材硬度HRB≤50。
  
- KD-LK Carbon Steel: for steel panel with hardness HRB≤80.
- KD-LKS Stainless steel: for aluminum panel, steel panel with hardness HRB≤70.
- KD-LKA Aluminum: for aluminum panel, with hardness HRB≤50.

# 密封螺母 BLIND FASTENERS



KD-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 DIMENSIONS ARE IN MILLIMETERS(均以MM为单位)

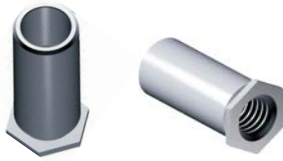
螺纹尺寸 ×螺距 THREAD SIZE × PITCH	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	螺纹 代号 THREAD CODE	规格 代号 SHANK CODE	A MAX	板厚 SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +.080-.000	B MAX	C MAX	E ±0.25	最小螺纹 深度 MIN DEPTH FULL THREAD H	L MAX	T ±0.25	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
M3×0.5	KD-B	KD-BS	M3	1	0.97	1	4.25	3.84	4.22	6.35	5.3	8.5	9.6	4.8
	KD-B	KD-BS		2	1.38	1.4								
M4×0.7	KD-B	KD-BS	M4	1	0.97	1	5.4	5.2	5.38	7.95	7.1	9.8	11.2	6.9
	KD-B	KD-BS		2	1.38	1.4								
M5×0.8	KD-B	KD-BS	M5	1	0.97	1	6.4	6.02	6.38	8.75	7.1	9.8	11.2	7.1
	KD-B	KD-BS		2	1.38	1.4								
M6×1	KD-B	KD-BS	M6	1	1.38	1.4	8.75	7.8	8.72	11.1	7.8	12.7	14.3	8.6
	KD-B	KD-BS		2	2.21	2.3								

ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

螺纹尺寸 THREAD SIZE	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	螺纹 代号 THREAD CODE	规格 代号 SHANK CODE	A MAX	板厚 SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +.003-.000	B MAX	C MAX	E ±.010	最小螺纹 深度 MIN DEPTH FULL THREAD H	L MAX	T ±.010	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
.112-40 (#4-40)	KD-B	KD-BS	440	1	.038	.040	.166	.150	.165	.25	.21	.335	.38	.19
	KD-B	KD-BS		2	.054	.056								
.138-32 (#6-32)	KD-B	KD-BS	632	1	.038	.040	.1875	.169	.187	.28	.23	.335	.38	.22
	KD-B	KD-BS		2	.054	.056								
.164-32 (#8-32)	KD-B	KD-BS	832	1	.038	.040	.213	.204	.212	.31	.28	.385	.44	.27
	KD-B	KD-BS		2	.054	.056								
.190-32 (#10-32)	KD-B	KD-BS	032	1	.038	.040	.250	.235	.249	.34	.28	.385	.44	.28
	KD-B	KD-BS		2	.054	.056								
.250-20 (1/4-20)	KD-B	KD-BS	0420	1	.054	.056	.344	.305	.343	.43	.31	.500	.56	.34
	KD-B	KD-BS		2	.087	.090								

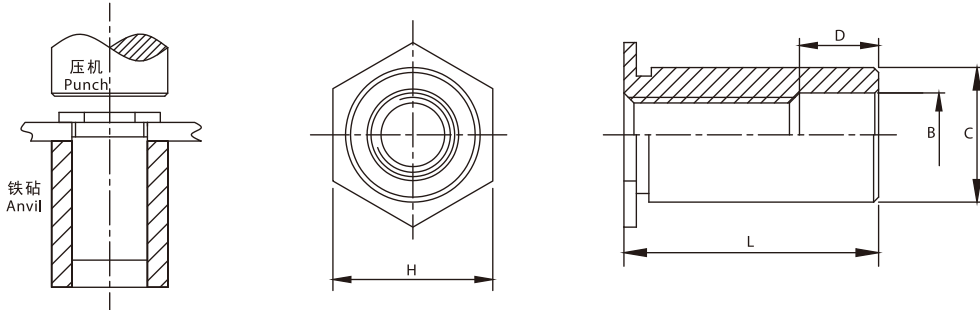
- KD-B 碳钢类：适用于钢板铆接，板材硬度HRB≤80。
- KD-BS 不锈钢类：适用于铝板、钢板铆接，板材硬度HRB≤70。
- KD-B Carbon Steel: for steel panel with hardness HRB≤80.
- KD-BS Stainless steel: for aluminum panel, steel panel with hardness HRB≤70.

# 通孔螺母柱 THRU-HOLE THREAD STANDOFFS



KD-SO	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



ALL DIMENSIONS ARE IN MILLIMETERS (均以MM为单位)

螺纹尺寸 THREAD SIZE	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET IN SHEET +0.080-0.000	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 MIN DIST HOLE C/L TO EDGE
M3	1.02	4.22	3.2	4.2	4.8	6
3.5M3	1.02	5.41	3.2	5.39	6.4	6.8
M3.5	1.02	5.41	3.9	5.39	6.4	6.8
M4	1.27	7.14	4.8	7.12	7.9	8
M5	1.27	7.14	5.35	7.12	7.9	8

ALL DIMENSIONS ARE IN INCHES (均以英寸为单位)

螺纹尺寸 THREAD SIZE	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET IN SHEET +0.003-0.000	台阶孔直径 BCOUNTER -BORE DIA ±.005	C +0.00 -.005	H 公称尺寸 NOM	孔芯到板边沿 MIN DIST HOLE C/L TO EDGE
440	.040	.166	.125	.165	.187	.23
6440	.040	.213	.125	.212	.250	.27
632	.040	.213	.156	.212	.250	.27
8632	.050	.281	.156	.280	.312	.31
832	.050	.281	.188	.280	.312	.31
032	.050	.281	.203	.280	.312	.31

ALL DIMENSIONS ARE IN MILLIMETERS (均以MM为单位)

螺纹尺寸 × 螺距 THREAD SIZE × PITCH	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	铝 ALUMINUM	螺纹代号 THREAD CODE	长度 L+0.05-0.13 LENGTH CODE IN MILLIMETERS											
					3	4	6	8	10	12	14	16	18	N/A	N/A	N/A
M3×0.5	KD-SO	KD-SOS	KD-SOA	M3 3.5M3	3	4	6	8	10	12	14	16	18	N/A	N/A	N/A
M3.5×0.6	KD-SO	KD-SOS	KD-SOA	M3.5	3	4	6	8	10	12	14	16	18	20	22	25
M4×0.7				M4												
M5×0.8				M5												
D Dimension ±0.25 D 尺寸 ±0.25					None			4			8			11		

ALL DIMENSIONS ARE IN INCHES (均以英寸为单位)

螺纹尺寸 THREAD SIZE	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	铝 ALUMINUM	螺纹代号 THREAD CODE	长度 L+.002-.005 LENGTH CODE IN 32NDS OF AN INCH																
					.125	.187	.25	.312	.375	.437	.500	.562	.625	.687	.750	.812	.875	.937	1.00	1.062	
.112-40 (#4-40)	KD-SO	KD-SOS	KD-SOA	440	4	6	8	10	12	14	16	18	20	22	24	N/A	N/A	N/A	N/A	N/A	
				6440																	
.138-32 (#6-32)	KD-SO	KD-SOS	KD-SOA	632	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	
				8632																	
.164-32 (#8-32)	KD-SO	KD-SOS	KD-SOA	832	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	
				032																	
D Dimension ±0.010 D 尺寸 ±0.010					None			.187			.312			.437							

注：我们可以提供用于不锈钢板压装的硬质通孔螺母柱（SO4）系列产品。

Note: we supply hardened stainless steel Thru-hole threaded standoffs (SO4) for stainless steel sheets

- KD-SO 碳钢类：适用于钢板铆接，板材硬度HRB≤80。
- KD-SOS 不锈钢类：适用于铝板、钢板铆接，板材硬度HRB≤70。
- KD-SOA 铝类：适用于铝板铆接，板材硬度HRB≤50。
- KD-SO4 硬化不锈钢类：适用于不锈钢板，板材硬度HRB≤90(此款无库存，需另行订购)。
- KD-SO Carbon steel: for steel panel with hardness HRB≤80.
- KD-SOS Stainless steel: for aluminum panel, steel panel with hardness HRB≤70.
- KD-SOA Aluminum steel: for aluminum panel, with hardness HRB≤50.
- KD-SO4 Hardened Stainless steel: for stainless panel, steel panel with hardness HRB≤90.  
(No stock for this model, we produce up on order).

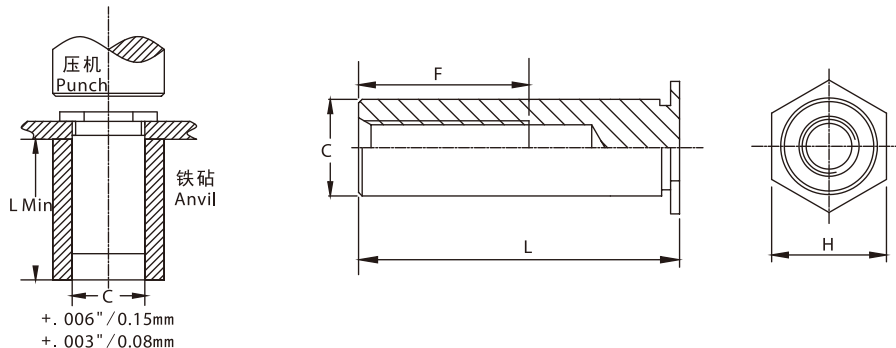


# 盲孔螺母柱 BLIND THREADED STANDOFFS



<b>KD-BSO</b>	<b>M3</b>	<b>8</b>	<b>ZU</b>
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 DIMENSIONS ARE IN MILLIMETERS (均以MM为单位)

螺纹尺寸 THREAD SIZE	最小板 厚MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +.080-.000	C +0.00 -0.13	H 公称 尺寸 NOM	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
M3	1.02	4.22	4.2	4.8	6
3.5M3	1.02	5.41	5.39	6.4	7.1
M3.5	1.02	5.41	5.39	6.4	7.1
M4	1.27	7.14	7.12	7.9	8.4
M5	1.27	7.14	7.12	7.9	8.4

ALL DIMENSIONS ARE IN INCHES (均以英寸为单位)

螺纹尺寸 THREAD SIZE	最小板 厚MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +.003-.000	C +0.00 -.005	H 公称 尺寸 NOM	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO 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 DIMENSIONS ARE IN MILLIMETERS (均以MM为单位)

光孔直径 THRU-HOLE DIAMETER +0.1-0.08	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	铝 ALUMINUM	螺纹代号 HTREAD CODE	长度 L ±0.05 -0.13 LENGTH CODE IN MILLIMETERS									
M3 × 0.5	KD-BSO	KD-BSOS	KD-BSOA	M3	6	8	10	12	14	16	18	20	22	25
				3.5M3										
M3.5 × 0.6	KD-BSO	KD-BSOS	KD-BSOA	M3.5	6	8	10	12	14	16	18	20	22	25
M4 × 0.7				M4										
M5 × 0.8	KD-BSO	KD-BSOS	KD-BSOA	M5										
F DIMENSION MIN F 最小尺寸					3.2	4	5	6.5	9.5					

ALL DIMENSIONS ARE IN INCHES (均以英寸为单位)

螺纹尺寸 THREAD SIZE	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	铝 ALUMINUM	螺纹代号 HTREAD CODE	长度 L ±0.003 FOR OTHER LENGTHS/THREAD DEPTH DATA SEE CHART BELOW												
.112-40 (#4-40)	KD-BSO	KD-BSOS	KD-BSOA	440	.312	.375	.437	.500	.562	.625	.687	.750	.812	.875	.937	1.00	1.062
				6440	10	12	14	16	18	20	22	24	26	28	30	32	34
.138-32 (#6-32)	KD-BSO	KD-BSOS	KD-BSOA	632	10	12	14	16	18	20	22	24	26	28	30	32	34
				8632													
.164-32 (#8-32)	KD-BSO	KD-BSOS	KD-BSOA	832	10	12	14	16	18	20	22	24	26	28	30	32	34
.190-32 (#10-32)	KD-BSO	KD-BSOS	KD-BSOA	032	10	12	14	16	18	20	22	24	26	28	30	32	34
F DIMENSION MIN F 最小尺寸					.156	.187	.250			.375							

注：我们可以提供用于不锈钢板压装的硬质盲孔螺母柱 (BS04) 系列产品。  
Note: we supply hardened stainless steel Thru-hole threaded standoffs (BS04) for stainless steel sheets.

- KD-BSO 碳钢类：适用于钢板铆接，板材硬度HRB ≤ 80。
- KD-BSOS 不锈钢类：适用于铝板、钢板铆接，板材硬度HRB ≤ 70。
- KD-BSOA 铝类：适用于铝板铆接，板材硬度HRB ≤ 50。
- KD-BSO4 硬化不锈钢类：适用于不锈钢板，板材硬度HRB ≤ 90 (此款无库存，需另行订购)。

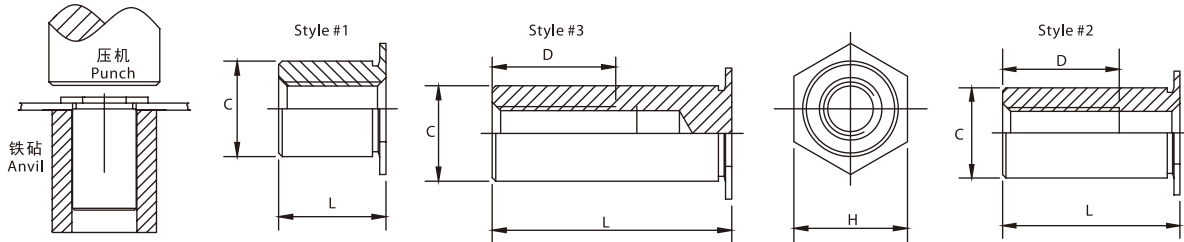
- KD-BSO Carbon steel: for steel panel with hardness HRB ≤ 80.
- KD-BSOS Stainless steel: for aluminum panel, steel panel with hardness HRB ≤ 70.
- KD-BSOA Aluminum: for aluminum panel, with hardness HRB ≤ 50.
- KD-BSO4 Hardened stainless steel: for steel panel with hardness HRB ≤ 90.  
(No stock for this model, we produce up on order).

# 薄板螺母柱 THREADED STANDOFFS FOR THINSHEET



<b>KD-TSO</b>	<b>M3</b>	<b>8</b>	<b>ZU</b>
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 DIMENSIONS ARE IN MILLIMETERS (均以MM为单位)

螺纹尺寸 THREAD SIZE	最小板 厚MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +0.00-0.00	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 HOLE C/L TO EDGE
M2.5	0.63	4.22	4.19	5.2	4.8	5.8
6M2.5	0.63	5.41	5.39	5.2	6.4	7.1
M3	0.63	4.22	4.19	6.2	4.8	5.8
6M3	0.63	5.41	5.39	6.2	6.4	7.1
M3.5	0.63	5.41	5.39	7	6.4	7.1

ALL DIMENSIONS ARE IN INCHES (均以英寸为单位)

螺纹尺寸 THREAD SIZE	最小板 厚MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +0.003-0.000	C +0.000 -0.005	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 HOLE C/L TO EDGE
256	.025	.166	.165	.200	.187	.23
6256	.025	.213	.212	.200	.250	.27
440	.025	.166	.165	.220	.187	.23
6440	.025	.213	.212	.220	.250	.27
632	.025	.213	.212	.270	.250	.27

ALL DIMENSIONS ARE IN MILLIMETERS (均以MM为单位)

螺纹尺寸 × 螺距 THREAD SIZE × PITCH	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	铝 ALUMINUM	螺纹代号 HTHREAD CODE	长度 L ±0.08 FOR OTHER LENGTHS / THREAD DEPTH DATA SEE CHART BELOW										
					2.00	3.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	19.00
M2.5 × 0.45	KD-TSO	KD-TSOS	KD-TSOA	M25	200 <sup>(1)</sup>	300 <sup>(1)</sup>	400 <sup>(1)</sup>	600 <sup>(1)</sup>	800 <sup>(2)</sup>	1000 <sup>(3)</sup>	1200 <sup>(3)</sup>	1400 <sup>(3)</sup>	1600 <sup>(3)</sup>	1800 <sup>(3)</sup>	1900 <sup>(3)</sup>
				6M25											
M3 × 0.5	KD-TSO	KD-TSOS	KD-TSOA	M3	200 <sup>(1)</sup>	300 <sup>(1)</sup>	400 <sup>(1)</sup>	600 <sup>(1)</sup>	800 <sup>(2)</sup>	1000 <sup>(2)</sup>	1200 <sup>(3)</sup>	1400 <sup>(3)</sup>	1600 <sup>(3)</sup>	1800 <sup>(3)</sup>	1900 <sup>(3)</sup>
				6M3											
M3.5 × 0.6	KD-TSO	KD-TSOS	KD-TSOA	M35	NA	300 <sup>(1)</sup>	400 <sup>(1)</sup>	600 <sup>(1)</sup>	800 <sup>(1)</sup>	1000 <sup>(2)</sup>	1200 <sup>(2)</sup>	1400 <sup>(3)</sup>	1600 <sup>(3)</sup>	1800 <sup>(3)</sup>	1900 <sup>(3)</sup>

ALL DIMENSIONS ARE IN INCHES (均以英寸为单位)

螺纹尺寸 THREAD SIZE	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	铝 ALUMINUM	螺纹代号 HTHREAD CODE	长度 L ±.003 FOR OTHER LENGTHS / THREAD DEPTH DATA SEE CHART BELOW												
					.090	.125	.187	.250	.312	.375	.437	.500	.562	.625	.687	.750	
.086-56 (#2-56)	KD-TSO	KD-TSOS	KD-TSOA	256	090 <sup>(1)</sup>	125 <sup>(1)</sup>	187 <sup>(1)</sup>	250 <sup>(1)</sup>	312 <sup>(2)</sup>	375 <sup>(2)</sup>	437 <sup>(3)</sup>	500 <sup>(3)</sup>	562 <sup>(3)</sup>	625 <sup>(3)</sup>	687 <sup>(3)</sup>	750 <sup>(3)</sup>	
				6256													
.112-40 (#4-40)	KD-TSO	KD-TSOS	KD-TSOA	440	090 <sup>(1)</sup>	125 <sup>(1)</sup>	187 <sup>(1)</sup>	250 <sup>(1)</sup>	312 <sup>(2)</sup>	375 <sup>(2)</sup>	437 <sup>(2)</sup>	500 <sup>(3)</sup>	562 <sup>(3)</sup>	625 <sup>(3)</sup>	687 <sup>(3)</sup>	750 <sup>(3)</sup>	
				6440													
.138-32 (#6-32)	KD-TSO	KD-TSOS	KD-TSOA	632	NA	125 <sup>(1)</sup>	187 <sup>(1)</sup>	250 <sup>(1)</sup>	312 <sup>(1)</sup>	375 <sup>(2)</sup>	437 <sup>(3)</sup>	500 <sup>(2)</sup>	562 <sup>(3)</sup>	625 <sup>(3)</sup>	687 <sup>(3)</sup>	750 <sup>(3)</sup>	

(1) STYLE#1 (2) STYLE#2 (3) STYLE#3

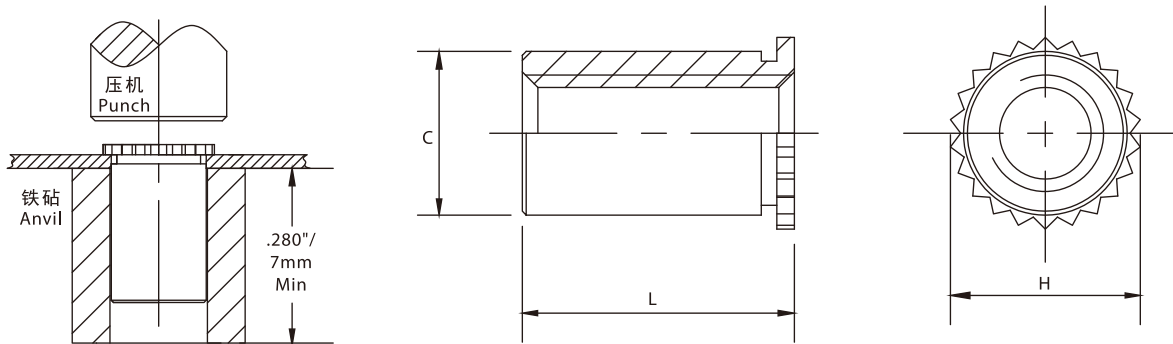
- KD-TSO 碳钢类：适用于钢板铆接，板材硬度HRB≤80。
- KD-TSOS 不锈钢类：适用于铝板、钢板铆接，板材硬度HRB≤70。
- KD-TSOA 铝类：适用于铝板铆接，板材硬度HRB≤50。
  
- KD-TSO Carbon steel: for steel panel with hardness HRB≤80.
- KD-TSOS Stainless steel: for aluminum panel, steel panel with hardness HRB≤70.
- KD-TSOA Aluminum: for aluminum panel, with hardness HRB≤50.

# 压花螺母柱 THREADED STANDOFFS FOR CLOSE TO EDGE APPLICATIONS



KD-DSOS	440	250
型号 TYPE	螺纹代号 THREAD CODE	规格代号 SHANK CODE

## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILLIMETERS(均以MM为单位)

螺纹尺寸 × 螺距 THREAD SIZE×PITCH	型号TYPE		螺纹代号 THREAD CODE	长度代号 LENGTH CODE	板厚 SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET+.080 -.000	C MAX	H NOM	L +0.05 -0.13	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	不锈钢 STAINLESS STEEL	碳钢 CARBON STEEL								
M3×0.5	KD-DSOS	KD-DSO	M3	6.35	0.94-6.35	4.2	4.2	4.92	6.35	3.2
				7					7	

ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

螺纹尺寸× 螺距THREAD SIZE×PITCH	型号TYPE		螺纹代号 THREAD CODE	长度代号 LENGTH CODE	板厚 SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET+.003 -.000	C MAX	H NOM	L +.002 -.005	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	不锈钢 STAINLESS STEEL	碳钢 CARBON STEEL								
.112-40 (#4-40)	KD-DSOS	KD-DSO	440	250	.037-.025	.166	.165	.194	.250	.126
				275					.275	

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。  
Note: we may customize Connet'r ware fasteners to meet threaded standoffs for close to edge applications.

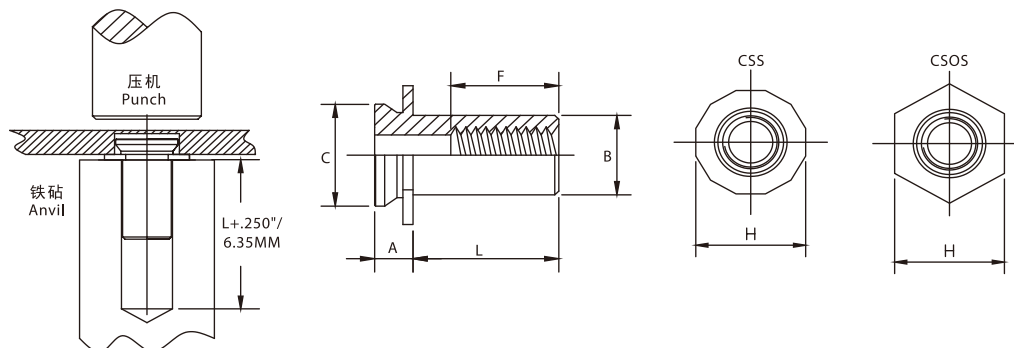
- KD-DSO 碳钢类：适用于钢板铆接，板材硬度HRB≤80。
- KD-DSOS 不锈钢类：适用于铝板、钢板铆接，板材硬度HRB≤70。
- KD-DSO Carbon steel: for steel panel with hardness HRB≤80.
- KD-DSO Stainless steel: for aluminum panel, steel panel with hardness HRB≤70.

# 埋头螺母柱 CONCEALED-HEAD STANDOFFS



KD-CSOS	M4	8
型号 TYPE	螺纹代号 THREAD CODE	规格代号 SHANK CODE

## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILLIMETERS (均以MM为单位)

螺纹尺寸 × 螺距 THREAD SIZE × PITCH	不锈钢 STAINLESS STEEL	螺纹 代号 THREAD CODE	长度代码LENGTH CODE"L" LENGTH CODE IS IN MILLIMETERS +0.05-0.13								最小板厚 MIN SHEET THICKNESS	开孔尺寸 HOLE SIZE IN SHEET +0.08 -0.00	最小盲孔 深度 MIN DEPTH OF BLIND HOLE (1)	最小螺纹 深度 MIN DEPTH OF THREAD (2)	A 最大 MAX	B 最大 MAX	C 最大 MAX (4)	H 公称 NOM	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
			4 <sup>(2)</sup>	6 <sup>(2)</sup>	8 <sup>(5)</sup>	10 <sup>(3)</sup>	12 <sup>(3)</sup>	16 <sup>(3)</sup>	20 <sup>(3)</sup>	25 <sup>(3)</sup>									
M3×0.5	KD-CSS	M3	4 <sup>(2)</sup>	6 <sup>(2)</sup>	8 <sup>(5)</sup>	10 <sup>(3)</sup>	12 <sup>(3)</sup>	16 <sup>(3)</sup>	20 <sup>(3)</sup>	25 <sup>(3)</sup>	1.6	5.41	1.09	5	1.09	4.2	5.39	6.35	4.8
	KD-CSOS		2.4	1.91	1.91														
M4×0.7	KD-CSS	M4	4 <sup>(2)</sup>	6 <sup>(2)</sup>	8	10 <sup>(5)</sup>	12 <sup>(3)</sup>	16 <sup>(3)</sup>	20 <sup>(3)</sup>	25 <sup>(3)</sup>	1.6	7.92	1.09	6.5	1.09	6.23	7.9	8.74	6.4
	KD-CSOS		2.4	1.91	1.91														
M5×0.8	KD-CSS	M5	4 <sup>(2)</sup>	6 <sup>(2)</sup>	8 <sup>(2)</sup>	10	12	16 <sup>(3)</sup>	20 <sup>(3)</sup>	25 <sup>(3)</sup>	1.6	8.74	1.09	9.6	1.09	7.37	8.72	9.53	7.2
	KD-CSOS		2.4	1.91	1.91														
M6×1	KD-CSOS	M6	4 <sup>(2)</sup>	6 <sup>(2)</sup>	8 <sup>(2)</sup>	10	12	16 <sup>(3)</sup>	20 <sup>(3)</sup>	25 <sup>(3)</sup>	2.4	9.9	1.91	9.6	1.91	9	9.89	11.11	9.5

ALL DIMENSIONS ARE IN INCHES (均以英寸为单位)

螺纹尺寸 THREAD SIZE	不锈钢 STAINLESS STEEL	螺纹 代号 THREAD CODE	长度代码LENGTH CODE"L" LENGTH CODE IS IN MILLIMETERS +0.02-0.05								最小板厚 MIN SHEET THICKNESS	开孔尺寸 HOLE SIZE IN SHEET +0.03 -0.00	最小盲孔 深度 MIN DEPTH OF BLIND HOLE (1)	最小螺纹 深度 MIN DEPTH OF THREAD (2)	A 最大 MAX	B 最大 MAX (4)	C 最大 MAX	H 公称 NOM	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
			.187	.250	.312	.375	.500	.625	.750	1.00									
.112-40 (#4-40)	KD-CSS	440	3 <sup>(2)</sup>	4	5	6	8 <sup>(2)</sup>	10 <sup>(3)</sup>	12 <sup>(3)</sup>	16 <sup>(3)</sup>	.062	.213	.043	.188	.043	.165	.212	.250	.188
	KD-CSOS		.093	.075	.075														
.138-32 (#6-32)	KD-CSS	632	3 <sup>(2)</sup>	4 <sup>(2)</sup>	5	6	8 <sup>(2)</sup>	10 <sup>(3)</sup>	12 <sup>(3)</sup>	16 <sup>(3)</sup>	.062	.290	.043	.250	.043	.213	.289	.312	.219
	KD-CSOS		.093	.075	.075														
.164-32 (#8-32)	KD-CSS	832	3 <sup>(2)</sup>	4 <sup>(2)</sup>	5 <sup>(2)</sup>	6	8 <sup>(2)</sup>	10 <sup>(3)</sup>	12 <sup>(3)</sup>	16 <sup>(3)</sup>	.062	.312	.043	.250	.043	.245	.311	.344	.250
	KD-CSOS		.093	.075	.075														
.190-32 (#10-32)	KD-CSS	032	3 <sup>(2)</sup>	4 <sup>(2)</sup>	5 <sup>(2)</sup>	6 <sup>(2)</sup>	8	10 <sup>(3)</sup>	12 <sup>(3)</sup>	16 <sup>(3)</sup>	.062	.344	.043	.375	.043	.290	.343	.375	.281
	KD-CSOS		.093	.075	.075														
.250-20 (1/4-20)	KD-CSS	0420	3 <sup>(2)</sup>	4 <sup>(2)</sup>	5 <sup>(2)</sup>	6 <sup>(2)</sup>	8 <sup>(2)</sup>	10	12 <sup>(3)</sup>	16 <sup>(3)</sup>	.062	.390	.043	.375	.043	.354	.389	.438	.375
	KD-CSOS		.093	.075	.075														

- 如果不是板厚正好是或接近最小应用壁厚，安装孔深应大于最小值。  
压铆件安装后，法兰片应与板面平贴。
- 如果是短螺母柱，当L小于T时，其螺纹深度应取L。不得使用长度超过L的螺钉，因为很可能会将螺母柱旋出板面。

- Blind mounting holes may be deeper than minimums except where sheet material is at or near minimum thickness. Fasteners should always be installed so the flange is flush with the surface of the sheet.
- For shorter standoff lengths, when "L" is less than "T", minimum thread depth will be equal to "L". Screws with lengths exceeding "L" should not be used for they may cause "jacking-out" of standoff from the sheet.

■ KD-CSS KD-CSOS 不锈钢类：适用于铝板、钢板铆接，板材硬度HRB≤70。

■ KD-CSS KD-CSOS Stainless steel: for aluminum panel, steel panel with hardness HRB≤70.

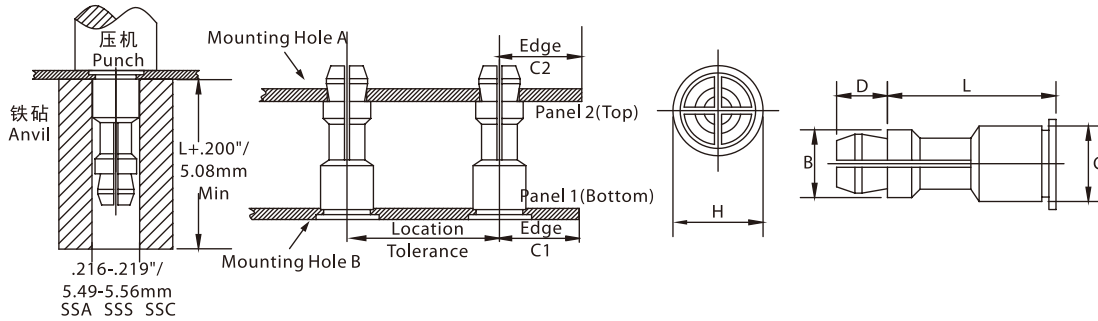


# 支撑卡柱 SNAP-TOP STANDOFFS



KD-SSC	150	16
型号 TYPE	产品代号 PRODUCT CODE	规格代号 SHANK CODE

## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILLIMETERS(均以MM为单位)

铝 ALUMINUM	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	顶板孔尺寸代号 TOP PANEL HOLE DIAMETER CODE	长度 L±0.13LENGTH CODE IN MILLIMETERS										B ±0.13	C MAX	D ±0.13	H ±0.13
				8	10	12	14	16	18	20	22	25					
KD-SSA	KD-SSS	KD-SSC	4MM	8	10	12	14	16	18	20	22	25	4.78	5.38	3.58	6.35	

ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

铝 ALUMINUM	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	顶板孔尺寸代号 TOP PANEL HOLE DIAMETER CODE	长度 L±.005LENGTH CODE IN INCHES										B ±.005	C MAX	D ±.005	H ±.005
				.250	.312	.375	.437	.500	.562	.625	.750	.875	1.00				
KD-SSA	KD-SSS	KD-SSC	156	8	10	12	14	16	18	20	24	28	32	.188	.212	.141	.250

ALL DIMENSIONS ARE IN MILLIMETERS(均以MM为单位)

板材1 PANEL 1							板材2 PANEL 2				
型号 TYPE	底板孔尺寸 BOTTOM MOUNTING HOLE B+.080-.000	板材质 PANEL MATERIAL	最大硬度 HARDNESS MAX	最小厚度 THICKNESS MIN	最小边线 距离EDGE DIS 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	最大硬度 HARDNESS MAX	厚度范围 THICKNESS MAX	最小边线距离 EDGE DISTANCE C. MIN
KD-SSA	5.41	金属 METAL	HRB 50	1	6.6	±.134	4	PC板或金属 PC BOARD OR METAL	无限制 NO LIMIT	1-1.8	2.54
KD-SSS			HRB 60								
KD-SSC			HRB 70								

ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

板材1 PANEL 1							板材2 PANEL 2				
型号 TYPE	底板孔尺寸 BOTTOM MOUNTING HOLE +.003-.000	板材质 PANEL MATERIAL	最大硬度 HARDNESS MAX	最小厚度 THICKNESS MIN	最小边线 距离EDGE DIS ANCE C. MIN	最大偏差 LOCATION TOLERANCE MAX	顶板孔尺寸 TOP MOUNTING HOLE B+.003 -.000	板材质 PANEL MATERIAL	最大硬度 HARDNESS MAX	厚度范围 THICKNESS MAX	最小边线距离 EDGE DISTANCE C. MIN
KD-SSA	.213	金属 METAL	HRB 50	.040	.260	±.005	.156	PC板或金属 PC BOARD OR METAL	无限制 NO LIMIT	.040- .070	.100
KD-SSS			HRB 60								
KD-SSC			HRB 70								

- KD-SSS 碳钢类：适用于钢板铆接，板材硬度HRB≤60。
- KD-SSC 不锈钢类：适用于铝板、钢板铆接，板材硬度HRB≤70。
- KD-SSA 铝类：适用于铝板铆接，板材硬度HRB≤50。

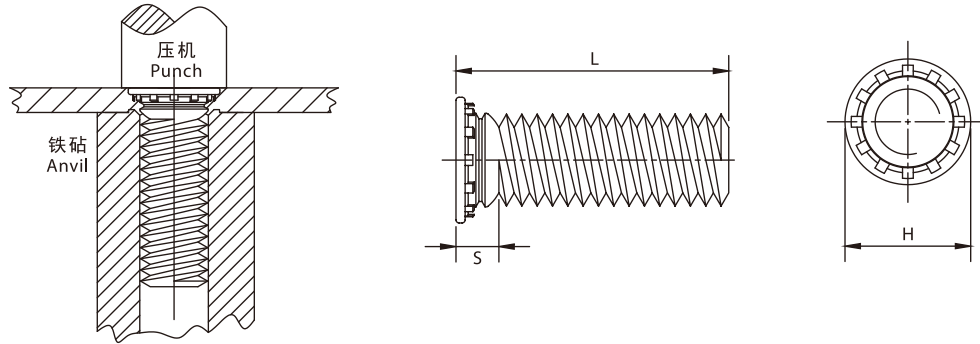
- KD-SSS Carbon steel: for steel panel with hardness HRB≤60.
- KD-SSC Stainless steel: for aluminum panel, steel panel with hardness HRB≤70.
- KD-SSA Aluminum: for aluminum panel with hardness HRB≤50.

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



KD-FHS	832	8
型号 TYPE	螺纹代号 THREAD CODE	规格代号 SHANK CODE

## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILLIMETERS(均以MM为单位)

螺纹尺寸 × 螺距 THREAD SIZE × PITCH	型号 TYPE			螺纹代号 THREAD CODE	长度 LENGTH CODE"L"±0.4 (LENGTH CODE IN 16THS OF AN INCH)											最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +0.080-000	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 沿最小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	硬化不锈钢 HARDENED STAINLESS STEEL		6	8	10	12	15	18	/	/	/	/	/						
M2.5×0.45	KD-FH	KD-FHS	/	M2.5	6	8	10	12	15	18	/	/	/	/	1	2.5	3.1	4.1	1.95	5.4	
M3×0.5	KD-FH	KD-FHS	KD-FH4	M3	6	8	10	12	15	18	20	25	/	/	1	3	3.6	4.6	2.1	5.6	
M3.5×0.6	KD-FH	KD-FHS	/	M3.5	6	8	10	12	15	18	20	25	30	/	1	3.5	4.1	5.3	2.25	6.4	
M4×0.7	KD-FH	KD-FHS	KD-FH4	M4	6	8	10	12	15	18	20	25	30	35	1	4	4.6	5.9	2.4	7.2	
M5×0.8	KD-FH	KD-FHS	KD-FH4	M5	/	8	10	12	15	18	20	25	30	35	1	5	5.6	6.5	2.7	7.2	
M6×1	KD-FH	KD-FHS	KD-FH4	M6	/	/	10	12	15	18	20	25	30	35	1.6	6	6.6	8.2	3	7.9	
M8×1.25	KD-FH	KD-FHS	/	M8	/	/	/	12	15	18	20	25	30	35	2.4	8	8.6	9.6	3.7	9.6	

ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

螺纹尺寸 THREAD SIZE	型号 TYPE			螺纹代号 THREAD CODE	长度 LENGTH CODE"L"±.015 (LENGTH CODE IN 16THS OF AN INCH)											最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +0.003-000	连接零件的 孔最大尺寸 MAX HOLE IN ATTACHED PARTS	H± .015	S MAX	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	硬化不锈钢 HARDENED STAINLESS STEEL		.250	.312	.375	.500	.625	.750	.875	1.00	1.25	1.50							
.086-56 (#2-56)	KD-FH	KD-FHS	/	256	4	5	6	8	10	12	/	/	/	/	.040	.085	.105	.144	.075	.187	
.112-40 (#4-40)	KD-FH	KD-FHS	KD-FH4	440	4	5	6	8	10	12	14	16	/	/	.040	.111	.135	.176	.085	.219	
.138-32 (#6-32)	KD-FH	KD-FHS	KD-FH4	632	4	5	6	8	10	12	14	16	20	24	.040	.137	.160	.206	.090	.250	
.164-32 (#8-32)	KD-FH	KD-FHS	KD-FH4	832	4	5	6	8	10	12	14	16	20	24	.040	.163	.185	.237	.090	.281	
.190-24 (#10-24)	KD-FH	KD-FHS	/	024	/	5	6	8	10	12	14	16	20	24	.040	.189	.210	.256	.100	.281	
.190-32 (#10-32)	KD-FH	KD-FHS	KD-FH4	032	/	5	6	8	10	12	14	16	20	24	.040	.189	.210	.256	.100	.281	
.250-20 (1/4-20)	KD-FH	KD-FHS	KD-FH4	0420	/	/	6	8	10	12	14	16	20	24	.062	.249	.270	.337	.135	.312	
.313-18 (5/16-18)	KD-FH	KD-FHS	/	0518	/	/	/	8	10	12	14	16	20	24	.093	.311	.333	.376	.160	.375	

注：KD-FH4是专为不锈钢板的压装而设计的。  
Note: KD-FH4 is specially designed for stainless steel sheets.

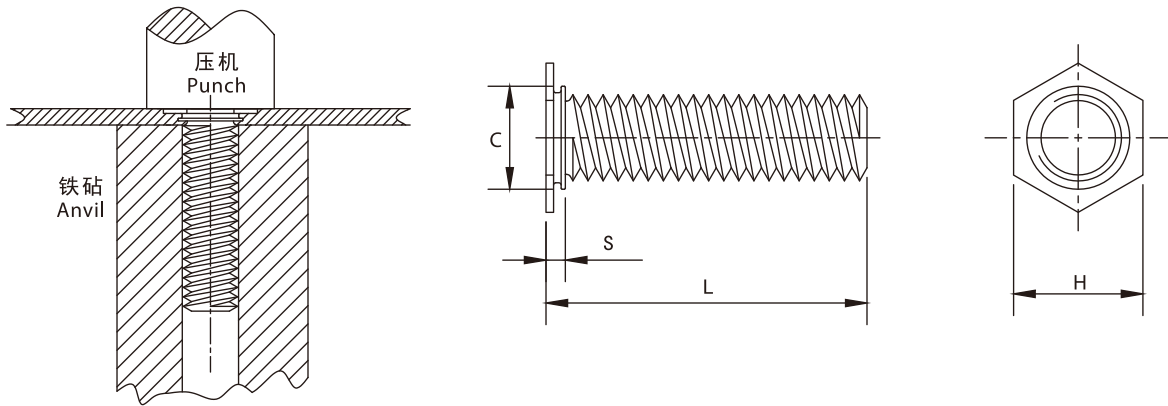
- KD-FH 碳钢类：适用于钢板铆接，板材硬度HRB≤80。
- KD-FHS 不锈钢类：适用于铝板、钢板、铜板铆接，板材硬度HRB≤70。
- KD-FH4 硬化不锈钢类：适用于不锈钢板，板材硬度HRB≤90。
- KD-FH Carbon steel: for steel panel with hardness HRB≤80.
- KD-FHS Stainless steel: for aluminum panel, steel panel and brass panel with hardness HRB≤70.
- KD-FH4 Hardened stainless steel: for stainless steel panel with hardness HRB≤90.

# 六角压铆螺钉 SELF-CLINCHING STUDS (HEXAGON HEAD)



<b>KD-NFH</b>	<b>M4</b>	<b>12</b>	<b>ZU</b>
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 DIMENSIONS ARE IN MILLIMETER(均以MM为单位)

螺纹尺寸 × 螺距 THREAD SIZE × PITCH	型号 TYPE		螺纹 代号 THREAD CODE	长度 LENGTH CODE "L"±0.4 (LENGTH CODE IN 16THS OF AN INCH)											最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +0.080-0.000	H ±0.4	S MAX	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL		6	8	10	12	15	18	20	25	30	30	30					
M3×0.5	KD-NFH	KD-NFHS	M3	6	8	10	12	15	18	20	25	/	1	4.8	6	1.25	5.4		
M4×0.7	KD-NFH	KD-NFHS	M4	6	8	10	12	15	18	20	25	30	1	4.8	6	1.25	7.2		
M5×0.8	KD-NFH	KD-NFHS	M5	/	8	10	12	15	18	20	25	30	1.2	5.0	6.35	1.25	7.2		
M6×1	KD-NFH	KD-NFHS	M6	/	/	10	12	15	18	20	25	30	1.6	6.0	7	1.4	7.9		

ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

螺纹尺寸 THREAD SIZE	型号 TYPE		螺纹 代号 THREAD CODE	长度 LENGTH CODE "L"±0.15 (LENGTH CODE IN 16THS OF AN INCH)											最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +0.003-0.000	H ±0.015	S MAX	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL		.250	.312	.375	.500	.625	.750	.875	1.00	1.25							
.112-40 (#4-40)	KD-NFH	KD-NFHS	440	4	5	6	8	10	12	14	16	/	.042	.111	.176	.045	.230		
.138-32 (#6-32)	KD-NFH	KD-NFHS	632	4	5	6	8	10	12	14	16	20	.042	.137	.206	.045	.250		
.164-32 (#8-32)	KD-NFH	KD-NFHS	832	4	5	6	8	10	12	14	16	20	.042	.163	.237	.045	.300		
.190-24 (#10-24)	KD-NFH	KD-NFHS	024	/	5	6	8	10	12	14	16	20	.042	.189	.256	.045	.300		
.190-32 (#10-32)	KD-NFH	KD-NFHS	032	/	5	6	8	10	12	14	16	20	.045	.189	.256	.047	.300		
.250-20 (1/4-32)	KD-NFH	KD-NFHS	0420	/	/	6	8	10	12	14	16	20	.065	.249	.337	.067	.350		

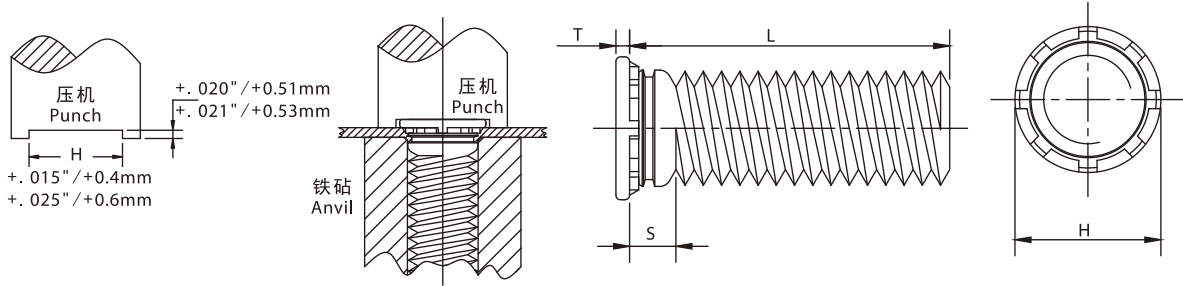
- KD-NFH 碳钢类：适用于钢板铆接，板材硬度HRB≤80。
- KD-NFHS 不锈钢类：适用于铝板、钢板、铜板铆接，板材硬度HRB≤70。
- KD-NFH Carbon steel: for steel panel with hardness HRB≤80.
- KD-NFHS Stainless steel: for aluminum panel, steel panel and brass panel with hardness HRB≤70.

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



<b>KD-TFH</b>	<b>M4</b>	<b>12</b>	<b>ZU</b>
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 DIMENSIONS ARE IN MILLIMETER (均以MM为单位)

螺纹尺寸 × 螺距 THREAD SIZE × PITCH	型号 TYPE		螺纹代号 THREAD CODE	长度 LENGTH CODE "L" ±0.4 (LENGTH CODE IN MILLIMETERS)											最小板厚 MIN SHEET THICKNESS	板安装 孔径 HOLE SIZE IN SHEET +0.080-000	连接零件的 孔最大尺寸 MAX HOLE IN ATTACHED PARTS	H ±0.4	S MAX	T MAX	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL		6	8	10	12	15	18	20	25	/	/								
M3×0.5	KD-TFH	KD-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	KD-TFH	KD-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	KD-TFH	KD-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 DIMENSIONS ARE IN INCHES (均以英寸为单位)

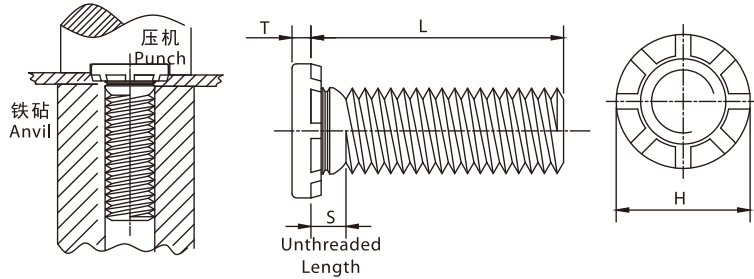
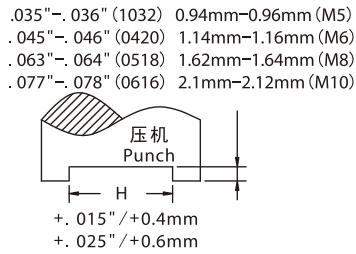
螺纹尺寸 × 螺距 THREAD SIZE × PITCH	型号 TYPE		螺纹代号 THREAD CODE	长度 LENGTH CODE "L" ±0.15 (LENGTH CODE IN 16THS OF AN INCH)											最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +0.003 -0.000	连接零件的 孔最大尺寸 MAX HOLE IN ATTACHED PARTS	H ±0.15	S MAX	T MAX	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL		.250	.312	.375	.500	.625	.750	.875	1.00	1.25	1.50								
.086-56 (#2-56)	KD-TFH	KD-TFHS	256	4	5	6	8	10	12	NA	NA	NA	NA	.020	.085	.105	.141	.070	.025	.187	
.112-40 (#4-40)	KD-TFH	KD-TFHS	440	4	5	6	8	10	12	14	NA	NA	NA	.020	.111	.135	.176	.070	.025	.219	
.138-32 (#6-32)	KD-TFH	KD-TFHS	632	4	5	6	8	10	12	14	16	20	24	.020	.137	.160	.203	.070	.025	.250	
.164-32 (#8-32)	KD-TFH	KD-TFHS	832	4	5	6	8	10	12	14	16	20	24	.020	.163	.185	.234	.070	.025	.281	
.190-24 (#10-24)	KD-TFH	KD-TFHS	024	NA	5	6	8	10	12	14	16	20	24	.020	.189	.210	.250	.090	.025	.281	
.190-32 (#10-32)	KD-TFH	KD-TFHS	032	NA	5	6	8	10	12	14	16	20	24	.020	.189	.210	.250	.090	.025	.281	

- KD-TFH 碳钢类：适用于钢板铆接，板材硬度HRB≤80。
- KD-TFHS 不锈钢类：适用于铝板、钢板、铜板铆接，板材硬度HRB≤70。
- KD-TFH Carbon steel: for steel panel with hardness HRB≤80.
- KD-TFHS Stainless steel: for aluminum panel, steel panel and brass panel with hardness HRB≤70.

# 高强度压铆螺钉 SELF-CLINCHING HIGH-STRENGTH STUDS



## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILLIMETER (均以MM为单位)

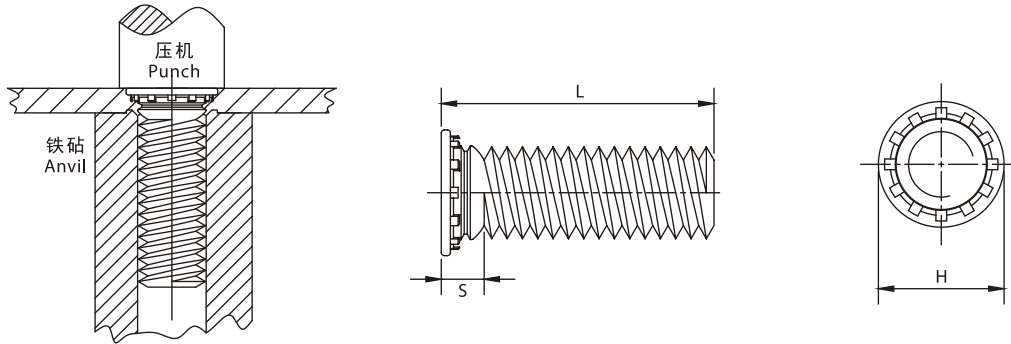
螺纹尺寸 × 螺距 THREAD SIZE × PITCH	型号 TYPE			螺纹 代号 THREAD CODE	长度 LENGTH CODE "L" ±0.4 (LENGTH CODE IN MILLIMETERS)							最小板厚 MIN SHEET THICKNESS	板安装 孔径 HOLE SIZE IN SHEET +.130-.000	连接零件的 孔最大尺寸 MAX HOLE IN ATTACHED PARTS	H± 0.25	S MAX	T MAX	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	磷铜 PHOSPHOR BRONZE		15	20	25	30	35	40	50							
M5×0.8	KD-HFH	KD-HFHS	KD-HFHB	M5	15	20	25	30	35	40	50	1.3	5	6.5	7.8	2.7	1.14	10.7
M6×1	KD-HFH	KD-HFHS	KD-HFHB	M6	15	20	25	30	35	40	50	1.5	6	7.5	9.4	2.8	1.27	11.5
M8×1.25	KD-HFH	KD-HFHS	KD-HFHB	M8	15	20	25	30	35	40	50	2	8	9.5	12.5	3.5	1.78	12.7
M10×1.5	KD-HFH	KD-HFHS	KD-HFHB	M10	15	20	25	30	35	40	50	2.3	10	11.5	15.7	4.1	2.29	13.7

ALL DIMENSIONS ARE IN INCHES (均以英寸为单位)

螺纹尺寸 THREAD SIZE	型号 TYPE			螺纹 代号 THREAD CODE	长度 LENGTH CODE "L"±.015 (LENGTH CODE IN 16THS OF AN INCH)							最小板厚 MIN SHEET THICKNESS	板安装 孔径 HOLE SIZE IN SHEET +.005-.000	连接零件的 孔最大尺寸 MAX HOLE IN ATTACHED PARTS	H± 0.01	S MAX	T MAX	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	磷铜 PHOSPHOR BRONZE		.500	.750	1.00	1.25	1.50	1.75	2.00							
.190-32 (#10-32)	KD-HFH	KD-HFHS	KD-HFHB	032	8	12	16	20	24	28	32	.050	.190	.250	.300	.105	.040	.415
.250-20 (1/4-20)	KD-HFH	KD-HFHS	KD-HFHB	0420	8	12	16	20	24	28	32	.060	.250	.312	.380	.125	.050	.460
.313-18 (5/16-18)	KD-HFH	KD-HFHS	KD-HFHB	0518	8	12	16	20	24	28	32	.075	.312	.375	.480	.140	.070	.500
.375-16 (3/8-16)	KD-HFH	KD-HFHS	KD-HFHB	0616	NA	12	16	20	24	28	32	.090	.375	.437	.580	.155	.085	.530

- KD-HFH 碳钢类：适用于钢板铆接，板材硬度HRB≤85。
- KD-HFHS 不锈钢类：适用于铝板、钢板、铜板铆接，板材硬度HRB≤70。
- KD-HFHB 磷铜：适用于铜板铆接，板材硬度HRB≤55。
- KD-HFH Carbon steel: for steel panel with hardness HRB≤85.
- KD-HFHS Stainless steel: for aluminum panel, steel panel and brass pane with hardness HRB≤70.
- KD-HFHB Phosphor bronze: for brass panel with hardness HRB≤55.

# 小平头压铆螺钉 SMALL SELF-CLINCHING FLUSH-HEAD STUDS



ALL DIMENSIONS ARE IN MILLIMETERS(均以MM为单位)

螺纹尺寸 × 螺距 THREAD SIZE × PITCH	型号 TYPE		螺纹代号 THREAD CODE	长度 LENGTH CODE"L"±0.4 (LENGTH CODE IN 16THS OF AN INCH)											最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +0.080-000	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 沿最小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL		6	8	10	12	15	18	/	/	/	/	1						
M2.5×0.45	KD-FHL	KD-FHLS	M2.5	6	8	10	12	15	18	/	/	/	/	1	2.5	2.9	3.15	2.1	2.8	
M3×0.5	KD-FHL	KD-FHLS	M3	6	8	10	12	15	18	20	25	/	/	1	3	3.2	3.65	2.1	3.3	
M3.5×0.6	KD-FHL	KD-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	KD-FHL	KD-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	KD-FHL	KD-FHLS	M5	/	8	10	12	15	18	20	25	30	35	1	5	5.2	5.9	2.7	5.6	

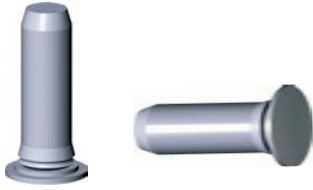
ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

螺纹尺寸 THREAD SIZE	型号 TYPE		螺纹代号 THREAD CODE	长度 LENGTH CODE"L"±.015 (LENGTH CODE IN 16THS OF AN INCH)											最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +0.003-000	连接零件的 孔最大尺寸 MAX HOLE IN ATTACHED PARTS	H± .015	S MAX	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL		.250	.312	.375	.500	.625	.750	.875	1.00	1.25	1.50	.040						
.086-56 (#2-56)	KD-FHL	KD-FHLS	256	4	5	6	8	10	12	/	/	/	/	.040	.085	.100	.112	.080	.098	
.112-40 (#4-40)	KD-FHL	KD-FHLS	440	4	5	6	8	10	12	14	16	/	/	.040	.111	.126	.138	.085	.124	
.138-32 (#6-32)	KD-FHL	KD-FHLS	632	4	5	6	8	10	12	14	16	20	24	.040	.137	.152	.164	.090	.150	
.164-32 (#8-32)	KD-FHL	KD-FHLS	832	4	5	6	8	10	12	14	16	20	24	.040	.163	.178	.190	.090	.176	
.190-32 (#10-32)	KD-FHL	KD-FHLS	032	/	5	6	8	10	12	14	16	20	24	.040	.189	.204	.225	.100	.210	

- KD-FHL 碳钢类：适用于钢板铆接，板材硬度HRB≤80。
- KD-FHLS 不锈钢类：适用于铝板、钢板、铜板铆接，板材硬度HRB≤70。
- 接近边缘安装时，FHL/FHLS 安装相对FH/FHS安装不会造成边缘隆起。
- KD-FHL Carbon steel: for steel panel with hardness HRB≤80.
- KD-FHLS Stainless steel: for aluminum panel, steel panel and brass panel with hardness HRB≤70.
- Installs closer to the edge of a sheet than Type FH/FHS studs without causing that edge to bulge.

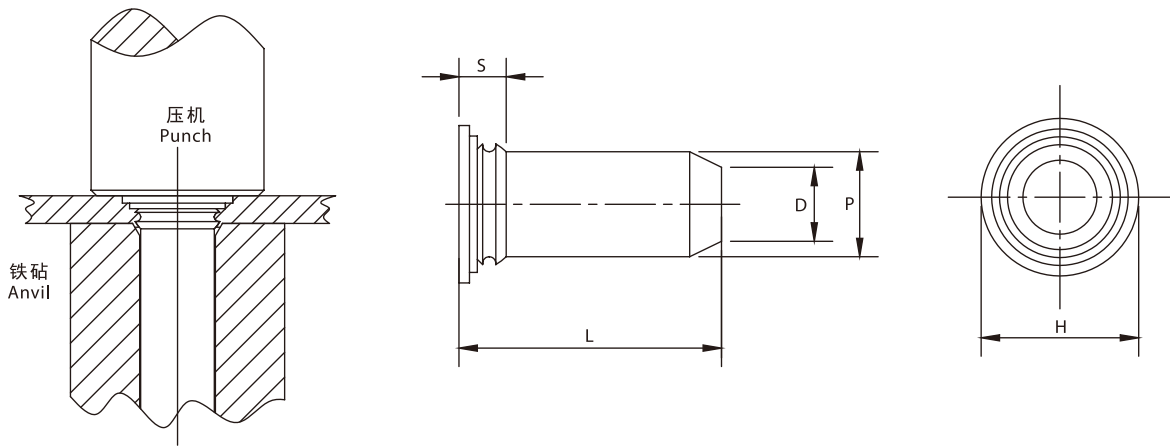


# 平头定位销 FLUSH-MOUNTED PILOT PINS



KD-TPS	187	16
型号 TYPE	螺纹代号 THREAD CODE	规格代号 SHANK CODE

## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILLIMETER(均以MM为单位)

销直径PIN DIAMETER P±0.05	型号 TYPE	直径代号 PIN DIAMETER CODE	长度 LENGTH CODE"L"±0.4 (LENGTH CODE IN MILLIMETERS)					最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +.080-000	D± 0.15	H ±0.4	S MAX	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
			8	10	12	16	NA						
3	KD-TPS	3MM	8	10	12	16	NA	1	3.5	2.05	5.2	2.29	6.4
4	KD-TPS	4MM	8	10	12	16	NA	1	4.5	2.82	6.12	2.29	7.1
5	KD-TPS	5MM	NA	10	12	16	20	1	5.5	3.53	7.19	2.29	7.6
6	KD-TPS	6MM	NA	NA	12	16	20	1	6.5	4.24	8.13	2.29	7.9

ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

销直径PIN DIAMETER P±.002	型号 TYPE	直径代号 PIN DIAMETER CODE	长度 LENGTH CODE"L"±.015 (LENGTH CODE IN INCHES)					最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +.003-000	D± .006	H± .015	S MAX	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
			.375	.500	.625	.750	1.00						
.125	KD-TPS	125	6	8	10	12	NA	.040	.144	.090	.205	.090	.250
.187	KD-TPS	187	6	8	10	12	16	.040	.205	.132	.270	.090	.080
.250	KD-TPS	250	NA	8	10	12	16	.040	.272	.177	.335	.090	.310

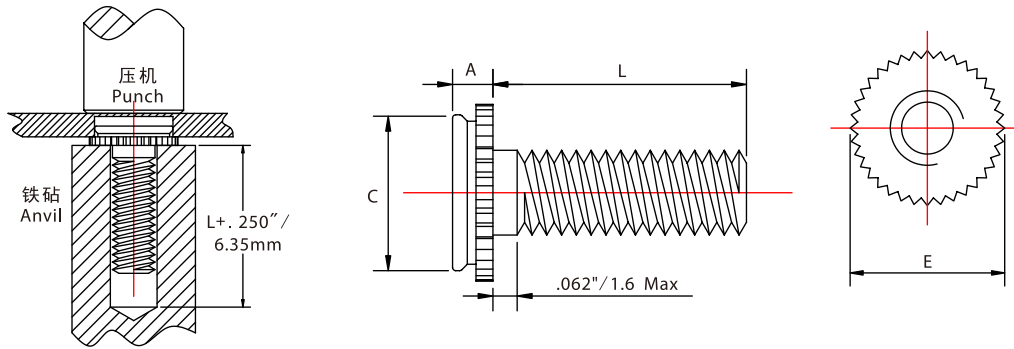
- KD-TPS 不锈钢类：适用于铝板、钢板、铜板铆接，板材硬度HRB≤70。
- KD-TPS Stainless steel: for aluminum panel, steel panel and brass panel with hardness HRB≤70.

# 埋头螺钉 CONCEALED-HEAD STUDS



KD-CFHC	632	16
型号 TYPE	螺纹代号 THREAD CODE	规格代号 SHANK CODE

## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILLIMETER(均以MM为单位)

螺纹尺寸 × 螺距 THREAD SIZE × PITCH	型号 TYPE		螺纹代号 THREAD CODE	长度 LENGTH CODE "L"±0.4 (LENGTH CODE IN MILLIMETERS)							最小板厚 MIN SHEET THICKNESS	开孔尺寸 BLIND MOUNTING HOLE DIA +0.080-0.000	开孔深度 MIN DEPTH OF BLIND HOLE	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 沿最小距离 MIN DIST HOLE C/L TO EDGE
	不锈钢 STAINLESS STEEL	铝 ALLUMINUM		6	8	10	12	16	20	NA								
M3×0.5	KD-CHC	KD-CHA	M3	6	8	10	12	16	20	NA	1.6	4.37	1.1	1.04	5.21	4.35	4	3.6
	KD-CFHC	KD-CFHA											1.91	1.8				
M4×0.7	KD-CHC	KD-CHA	M4	6	8	10	12	16	20	25	1.6	7.37	1.1	1.04	8.33	7.35	5.6	4.6
	KD-CFHC	KD-CFHA											1.91	1.8				
M5×0.8	KD-CHC	KD-CHA	M5	NA	NA	10	12	16	20	25	1.6	7.93	1.1	1.04	8.89	7.9	6.4	5.6
	KD-CFHC	KD-CFHA											1.91	1.8				

ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

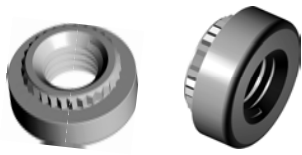
螺纹尺寸 THREAD SIZE	型号 TYPE		螺纹代号 THREAD CODE	长度 LENGTH CODE "L"±0.015 (LENGTH CODE IN INCHES)							最小板厚 MIN SHEET THICKNESS	开孔尺寸 BLIND MOUNTING HOLE DIA +0.003-0.000	开孔深度 MIN DEPTH OF BLIND HOLE	A MAX	E± .010	C MAX	连接零件的 孔最大尺寸 MAX HOLE IN ATTACHED PARTS	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
	不锈钢 STAINLESS STEEL	铝 ALLUMINUM		.250	.375	.500	.625	.750	1.00									
.112-40 (#4-40)	KD-CHC	KD-CHA	440	4	6	8	10	12	NA	.062	.172	.043	.041	.205	.171	.156	.135	
	KD-CFHC	KD-CFHA										.075	.071					
.138-32 (#6-32)	KD-CHC	KD-CHA	632	4	6	8	10	12	16	.062	.213	.043	.041	.250	.212	.188	.160	
	KD-CFHC	KD-CFHA										.075	.071					
.164-32 (#8-32)	KD-CHC	KD-CHA	832	4	6	8	10	12	16	.062	.290	.043	.041	.328	.289	.219	.185	
	KD-CFHC	KD-CFHA										.075	.071					
.190-32 (#10-32)	KD-CHC	KD-CHA	032	NA	6	8	10	12	16	.062	.312	.043	.041	.350	.311	.250	.210	
	KD-CFHC	KD-CFHA										.075	.071					

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。

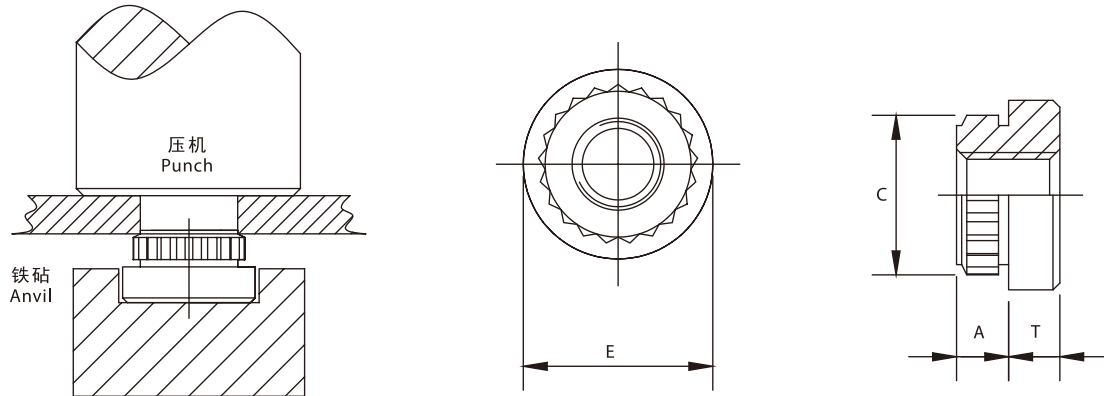
Note: blind hole may be deeper than the minimum value. Nevertheless fasteners should be installed to be flush with sheet.

- KD-CHC/CFHC 不锈钢类：适用于钢板、铝板、铜板铆接，板材硬度HRB≤70。
- KD-CHA/CFHA 铝类：适用于铝板铆接，板材硬度HRB≤50。
- KD-CHC/CFHC Stainless steel: for aluminum panel, steel panel and brass panel with hardness HRB≤70.
- KD-CHA/CFHA Aluminum steel: for aluminum panel with hardness HRB≤50.

# P.C.B 螺母 BROACHING TYPE NUTS



## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILLIMETER(均以MM为单位)

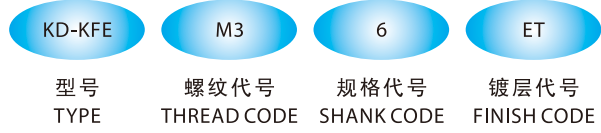
螺纹尺寸 × 螺距 THREAD SIZE × PITCH	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	螺纹 代号 THREAD CODE	A MAX	C± 0.08	E± 0.13	T± 0.13	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +.080-.000	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
M2×0.4	KD-KF2	KD-KFS2	M2	1.53	4.19	5.56	1.5	1.53	3.73	4.2
M2.5×0.45	KD-KF2	KD-KFS2	M2.5	1.53	4.68	5.56	1.5	1.53	4.22	4.4
M3×0.5	KD-KF2	KD-KFS2	M3	1.53	4.68	5.56	1.5	1.53	4.22	4.4
M4×0.7	KD-KF2	KD-KFS2	M4	1.53	6.86	8.74	2	1.53	6.4	6.4
M5×0.8	KD-KF2	KD-KFS2	M5	1.53	7.37	9.53	3	1.53	6.9	7.1

ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

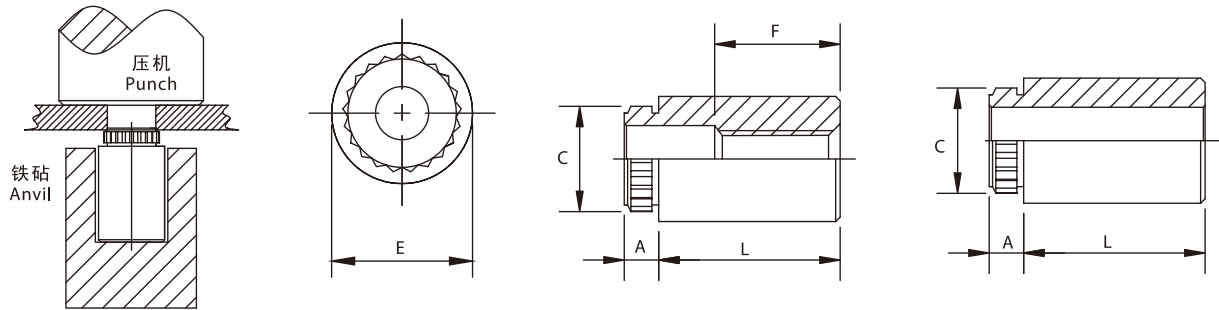
螺纹尺寸 THREAD SIZE	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL	螺纹 代号 THREAD CODE	A MAX	C± .003	E± .005	T± .005	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE INSHEET +.003-.000	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
.086-56 (#2-56)	KD-KF2	KD-KFS2	256	.060	.165	.219	.065	.060	.147	.16
.112-40 (#4-40)	KD-KF2	KD-KFS2	440	.060	.184	.219	.065	.060	.166	.17
.138-32 (#6-32)	KD-KF2	KD-KFS2	632	.060	.231	.281	.065	.060	.213	.22
.164-32 (#8-32)	KD-KF2	KD-KFS2	832	.060	.268	.344	.096	.060	.250	.25
.190-32 (#10-32)	KD-KF2	KD-KFS2	032	.060	.290	.375	.127	.060	.272	.28

- KD-KF2 碳钢类：适用于钢板、PCB板铆接，板材硬度HRB≤60。
- KD-KFS2 不锈钢类：适用于铝板、钢板、铜板、PCB板铆接，板材硬度HRB≤70。
- KD-KF2 Carbon steel: for steel panel, PCB panel with hardness HRB≤60.
- KD-KFS2 Stainless steel: for aluminum panel, steel panel, brass panel and PCB panel with hardness HRB≤70.

# P.C.B 螺母柱 BROACHING TYPE STANDOFFS



## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILIMETER (均以MM为单位)

螺纹尺寸 × 螺距 THREAD SIZE × PITCH	螺纹 距离 THRU HOLE + .10-.08	型号 TYPE		螺纹 代号 THREAD CODE	长度 "L" ± 0.13 LENGTH "L" ± 0.13								A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET + .080-.000	C ± 0.08	E ± 0.13	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
		碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL		3	4	6	8	10	12	14	16						
M3 × 0.5	/	KD-KFE	KD-KFSE	M3	3	4	6	8	10	12	14	16	1.53	1.53	4.22	4.68	5.56	4.4
/	3.6	KD-KFE	KD-KFSE	3.6	3	4	6	8	10	12	14	16	1.53	1.53	5.41	5.87	7.14	5.5
/	4.2	KD-KFE	KD-KFSE	4.2	3	4	6	8	10	12	14	16	1.53	1.53	6.4	6.86	8.74	7.1
"F" MINIMUM THREAD LENGTH F 最小螺纹长度					Full			9.5 ± 0.4										

ALL DIMENSIONS ARE IN INCHES (均以英寸为单位)

螺纹尺寸 THRU SIZE	螺纹距离 THRU HOLE + .004-.003	型号 TYPE		螺纹 代号 THREAD CODE	长度 "L" ± 0.005 LENGTH "L" ± 0.005								A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET + .003-.000	C ± .003	E ± .005	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
		碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL		.125	.250	.375	.500	.625	.750	.875	1.00						
.112-40 (#4-40)	NA	KD-KFE	KD-KFSE	440	4	8	12	16	20	24	NA	NA	.060	.060	.166	.184	.219	.17
.138-32 (#6-32)	NA	KD-KFE	KD-KFSE	632	4	8	12	16	20	24	28	32	.060	.060	.213	.231	.281	.22
NA	.116	KD-KFE	KD-KFSE	116	4	8	12	16	20	24	NA	NA	.060	.060	.166	.184	.219	.17
NA	.143	KD-KFE	KD-KFSE	143	4	8	12	16	20	24	28	32	.060	.060	.213	.231	.281	.22
"F" MINIMUM THREAD LENGTH F 最小螺纹长度					Full			.375 ± .016		.375 Blind								

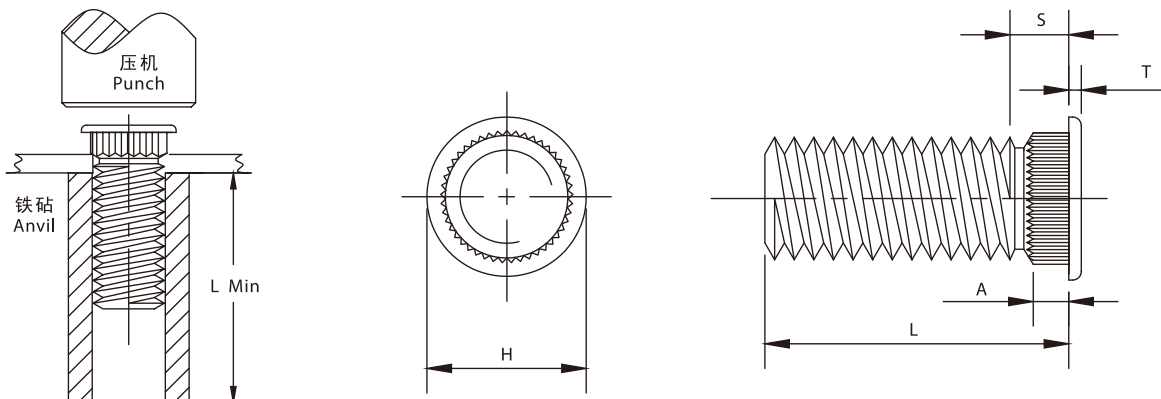
- KD-KFE 碳钢类：适用于钢板、PCB板铆接，板材硬度HRB ≤ 60。
- KD-KFSE 不锈钢类：适用于PCB板、钢板、铝板、铜板铆接，板材硬度HRB ≤ 70。
- KD-KFE Carbon steel: for steel panel, PCB panel with hardness HRB ≤ 60.
- KD-KFSE Stainless steel: for aluminum panel, steel panel, brass panel and PCB panel with hardness HRB ≤ 70.

# P.C.B 螺钉 BROACHINGTYPE STUDS



KD-KFH	M3	8	ET
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 DIMENSIONS ARE IN MILIMETER(均以MM为单位)

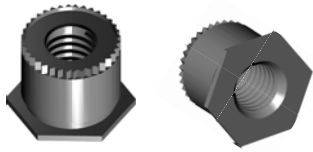
螺纹尺寸 × 螺距 THREAD SIZE × PITCH	型号 TYPE	螺纹 代号 THREAD CODE	长度 LENGTH "L" ± 0.25 LENGTH CODE IN MILLIMETERS							A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +0.08-0.00	连接零件的 孔最大尺寸 MAX HOLE IN ATTACHED PARTS	H ± 0.25	S MAX	T ± 0.13	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE	D ANVIL HOLE +0.08 -0.00
			6	8	10	12	15	18										
M3×0.5	KD-KFH	M3	6	8	10	12	15	18	1.65	1.53	3	3.7	4.58	2.3	0.51	3.8	3.1	
M4×0.7	KD-KFH	M4	6	8	10	12	15	18	1.65	1.53	4.2	4.8	5.74	2.3	0.51	5.1	4.1	
M5×0.8	KD-KFH	M5	6	8	10	12	15	18	1.65	1.53	5	5.8	6.6	2.3	0.51	5.3	5.1	

ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

螺纹尺寸 THREAD SIZE	型号 TYPE	螺纹 代号 THREAD CODE	长度 LENGTH "L" ± 0.010 LENGTH CODE IN INCHES							A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +0.003-0.000	连接零件的 孔最大尺寸 MAX HOLE IN ATTACHED PARTS	H ± .01	S MAX	T ± .005	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE	D ANVIL HOLE +0.003 -0.000
			.250	.312	.375	.500	.625	.750										
.112-40 (#4-40)	KD-KFH	440	4	5	6	8	10	12	.065	.060	.120	.145	.180	.09	.020	.15	.113	
.138-32 (#6-32)	KD-KFH	632	4	5	6	8	10	12	.065	.060	.140	.170	.200	.09	.020	.19	.140	
.164-32 (#8-32)	KD-KFH	832	4	5	6	8	10	12	.065	.060	.166	.195	.225	.09	.020	.20	.166	
.190-32 (#10-32)	KD-KFH	032	4	5	6	8	10	12	.065	.060	.189	.220	.250	.09	.020	.20	.191	

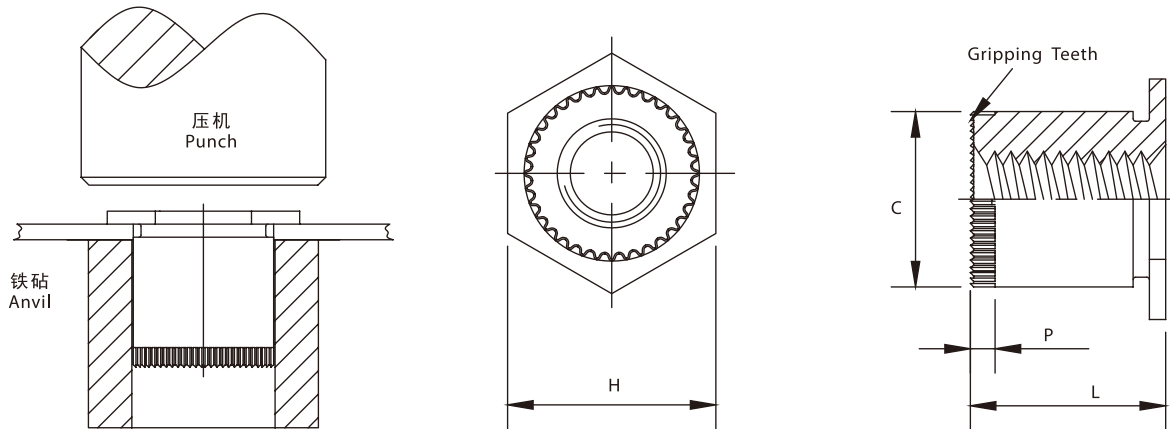
- KD-KFH 铜类: 适用于铝板、铜板、PCB板铆接, 板材硬度HRB ≤ 55。
- KD-KFH Brass: for aluminum panel, brass panel and PCB panel with hardness HRB ≤ 55.

# 接地螺母柱 GROUNDING STANDOFFS



KD-SOSG	6440	8
型号 TYPE	螺纹代号 THREAD CODE	规格代号 SHANK CODE

## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILLIMETER (均以MM为单位)

螺纹尺寸 × 螺距 THREAD SIZE × PITCH	型号 TYPE		螺纹 代号 THREAD CODE	长度LENGTH"L"+0.25 LENGTH CODE IN MILLIMETER							最小板厚 MIN SHEET THICKNESS	板安装 孔径 HOLE SIZE IN SHEET +0.080-0.000	C +0.00 -0.13	H± 0.25	P NOM	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE	D ANVIL HOLE +0.080 -0.000
	不锈钢 STAINLESS STEEL	铝 ALUMINUM		3	4	6	8	10	12								
M3×0.5	KD-SOSG	KD-SOAG	3.5M3	3	4	6	8	10	12	1	5.4	5.39	6.4	0.76	6.8	5.5	

ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

螺纹尺寸 THREAD SIZE	型号 TYPE		螺纹 代号 THREAD CODE	长度LENGTH"L"+0.010-0.000 LENGTH CODE IS IN 32NDS OF AN INCH							最小板厚 MIN SHEET THICKNESS	板安装 孔径 HOLE SIZE IN SHEET +0.003-0.000	C +0.00 -0.005	H± .005	P NOM	孔芯到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE	D ANVIL HOLE +0.003 -0.000
	不锈钢 STAINLESS STEEL	铝 ALUMINUM		.125	.187	.250	.312	.375	.437	.500							
.112-40 (#4-40)	KD-SOSG	KD-SOAG	6440	4	6	8	10	12	14	16	.040	.213	.212	.250	.030	.27	.216
.138-32 (#6-32)	KD-SOSG	KD-SOAG	8632	4	6	8	10	12	14	16	.050	.281	.280	.312	.030	.31	.284

- KD-SOSG 不锈钢类：适用于钢板、铝板铆接，板材硬度HRB≤70。
- KD-SOAG 铝类：适用于铝板铆接，板材硬度HRB≤50。
  
- KD-SOSG Stainless steel: for aluminum panel, steel panel with hardness HRB≤70.
- KD-SOAG Aluminum: for aluminum panel with hardness HRB≤50.



# 手紧螺钉 PANEL FASTENER



KD-PF09

M3

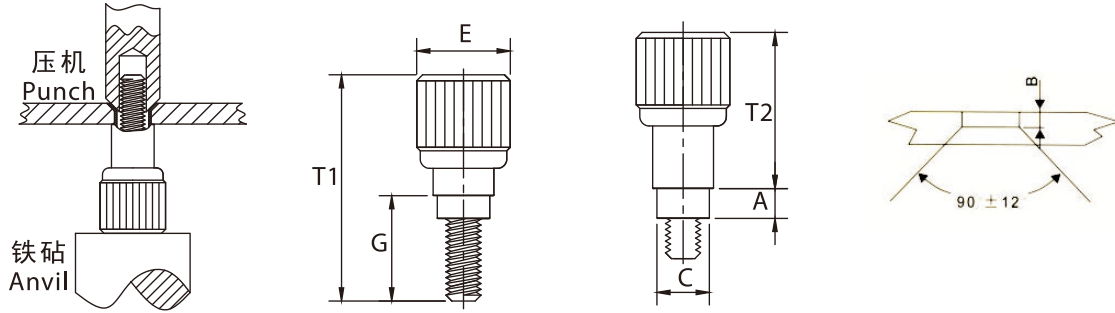
1

型号  
TYPE

螺纹代号  
THREAD CODE

规格代号  
SHANK CODE

## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILIMETER(均以MM为单位)

螺纹尺寸 Thread Size	型号TYPE		螺纹码 Thread Code	螺纹码 Shank Code	A ±0.1	最小板厚 最大板厚 Min Sheet Thickness Min-Max	安装孔 Hole Size in Sheet -0.08	C Max	B ±0.1	G ±0.4	T <sub>1</sub> Max	T <sub>2</sub> Nom	E ±0.25
	铝 Aluminum	不锈钢 Stainless Steel											
M2.5×0.45	KD-PF09	KD-PF10	M2.5	0	1.0	0.8-1.5	4	3.98	0.4	5.0	14.5	13.4	7
				1	1.5	1.5-2.0	4	3.98	0.4	6.0	15.5		
				2	2.5	2.0-3.0	4	3.98	0.4	7.0	16.5		
M3×0.5	KD-PF09	KD-PF10	M3	0	1.0	0.8-1.5	4.5	4.48	0.4	5.3	14.8	13.4	8
				1	1.5	1.5-2.0	4.5	4.48	0.4	6.3	15.8		
				2	2.5	2.0-3.0	4.5	4.48	0.8	7.3	16.8		
M4×0.7	KD-PF09	KD-PF10	M4	0	1.5	1.2-3.0	5.5	5.4	0.8	8.5	18.3	13.5	10

PF08

M3

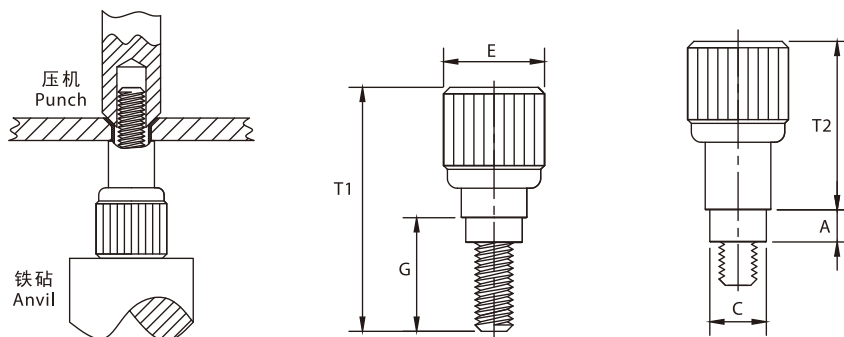
15.5

型号  
TYPE

螺纹代号  
THREAD CODE

规格代号  
SHANK CODE

## 安装方法 INSTALLATION

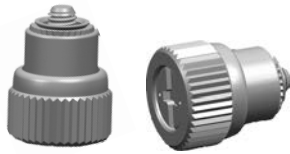


ALL DIMENSIONS ARE IN MILIMETER(均以MM为单位)

螺纹尺寸×螺 距 THREAD SIZE × PITCH	型号 TYPE	螺纹尺寸 THREAD CODE	A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔径 HOLE SIZE IN SHEET +0.080-0.000	C MAX	E± 0.25	G± 0.2	T <sub>1</sub> 公称 NOM	T <sub>2</sub> 公称 NOM
M2.5×0.45	KD-PF08	M2.5	0.76	0.76	5.0	4.98	6.35	6.0	15.5	14.3

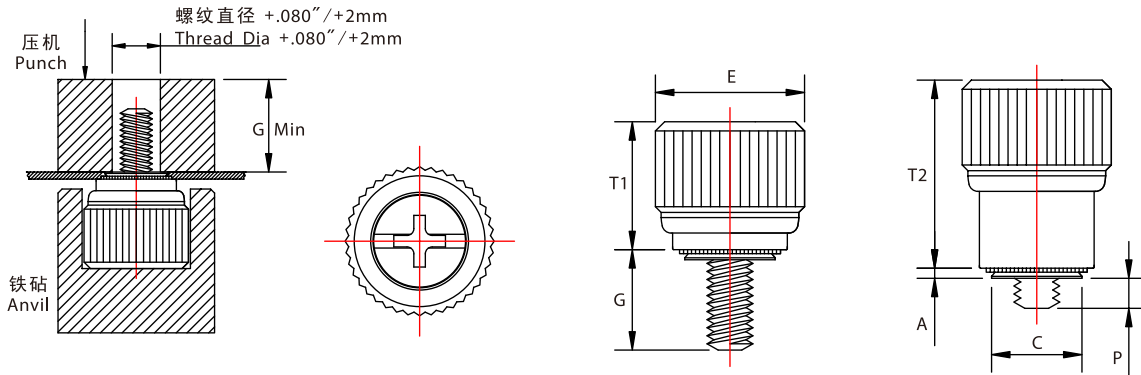
- KD-PF09铝类/ PF10不锈钢类/ PF08铝类: 适用于所有材料板材铆接。
- KD-PF09 Aluminum / KD-PF10 Stainless steel / KD-PF08 Aluminum: for panels of any material.

# 面板紧固件PF11 PANEL FASTENER ASSEMBLIES



KD-PF11	M3	30
型号 TYPE	螺纹代号 THREAD CODE	规格代号 SHANK CODE

## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILLIMETER (均以MM为单位)

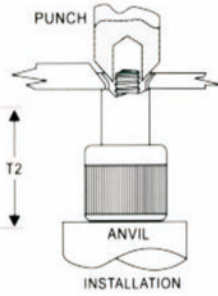
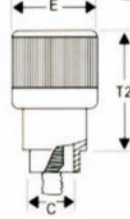
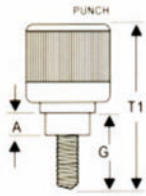
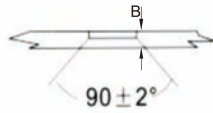
螺纹尺寸 × 螺距 THREAD SIZE × PITCH	型号 TYPE		螺纹代号 THREAD CODE	螺纹长度代号 SCREW LENGTH CODE	A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔 尺寸HOLE SIZE IN SHEET +.080-.000	C MAX	E ±0.25	G ±0.64	P ±0.64	T <sub>1</sub> NOM	T <sub>2</sub> NOM	孔中心到 板边沿最 小距离 MIN DIST HOLE C/L TO EDGE
	标准品 STANDARD	全不锈钢 STAINLESS STEEL												
M3×0.5	KD-PF11	KD-PFS11	M3	0	0.92	0.92	5.56	5.54	10.59	4.32	0	7.87	11.43	7.11
				1						5.84	1.52			
				2						7.37	3.05			
M3.5×0.6	KD-PF11	KD-PFS11	M3.5	0	0.92	0.92	6.35	6.33	11.43	5.84	0	11.43	16.26	7.37
				1						7.37	1.52			
				2						8.89	3.05			
M4×0.7	KD-PF11	KD-PFS11	M4	0	0.92	0.92	7.92	7.9	13.06	5.84	0	11.43	16.26	8.38
				1						7.37	1.52			
				2						8.89	3.05			
M5×0.8	KD-PF11	KD-PFS11	M5	0	0.92	0.92	7.92	7.9	13.06	5.84	0	11.43	16.26	8.38
				1						7.37	1.52			
				2						8.89	3.05			
				K6	4.0	4.0	7.92	7.9	13.06	12	1.6	13.0	19.5	8.38
				K8						14	3.6			
				6						16	5.6			
				8						18	7.6			
10	20	9.6												
M6×1	KD-PF11	KD-PFS11	M6	0	0.92	0.92	9.53	9.5	14.61	7.37	0	13.46	20.07	11.68
				1						8.89	1.52			
				2						10.41	3.05			

ALL DIMENSIONS ARE IN INCHES (均以英寸为单位)

螺纹尺寸 THREAD SIZE	型号 TYPE		螺纹代号 THREAD CODE	螺纹长度代号 SCREW LENGTH CODE	A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔 尺寸HOLE SIZE IN SHEET +.003-.000	C MAX	E ±0.01	G ±.025	P ±.025	T <sub>1</sub> NOM	T <sub>2</sub> NOM	孔中心到 板边沿最 小距离 MIN DIST HOLE C/L TO EDGE
	标准品 STANDARD	全不锈钢 STAINLESS STEEL												
.112-40 (#4-40)	KD-PF11	KD-PFS11	440	0	.036	.036	.219	.218	.417	.170	.000	.310	.450	.280
				1						.230	.060			
				2						.290	.120			
.138-32 (#6-32)	KD-PF11	KD-PFS11	632	0	.036	.036	.250	.249	.450	.230	.000	.450	.640	.290
				1						.290	.060			
				2						.350	.120			
.164-32 (#8-32)	KD-PF11	KD-PFS11	832	0	.036	.036	.312	.311	.514	.230	.000	.450	.640	.330
				1						.290	.060			
				2						.350	.120			
.190-32 (#10-32)	KD-PF11	KD-PFS11	032	0	.036	.036	.312	.311	.514	.230	.000	.450	.640	.330
				1						.290	.060			
				2						.350	.120			
.250-20 (1/4-20)	KD-PF11	KD-PFS11	0420	0	.036	.036	.375	.374	.575	.290	.000	.530	.790	.460
				1						.350	.060			
				2						.410	.120			

- KD-PF11带花齿柄 / KD-PF12光柄: 其中把手是铝材, 螺钉和弹簧是不锈钢, 铆合套是碳钢。  
适用于钢板、铝板、铜板等材料HRB≤80的板材铆接。
- KD-PFS11带花齿柄 / KD-PFS12光柄: 全不锈钢材质。

# 面板紧固件PF15 PANEL FASTENER ASSEMBLIES



KD-PF15      832      1

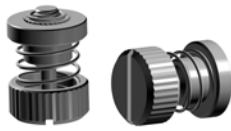
型号      螺纹代号      规格代号  
TYPE      THREAD CODE      SHANK CODE

型号 TYPE		安装孔 Hole Size in Sheet +0.08	C Max
英制	公制		
440	M3	4.75	4.73
632	M3.5	5.40	5.38
832	M4	6.75	6.70
032	M5	6.75	6.70
0420	M6	8.2	8.17

材质及表面处理:  
帽子: 铝材, 本色或黑色喷塑  
下套: 铝材, 本色  
螺丝: 不锈钢  
弹簧: 不锈钢

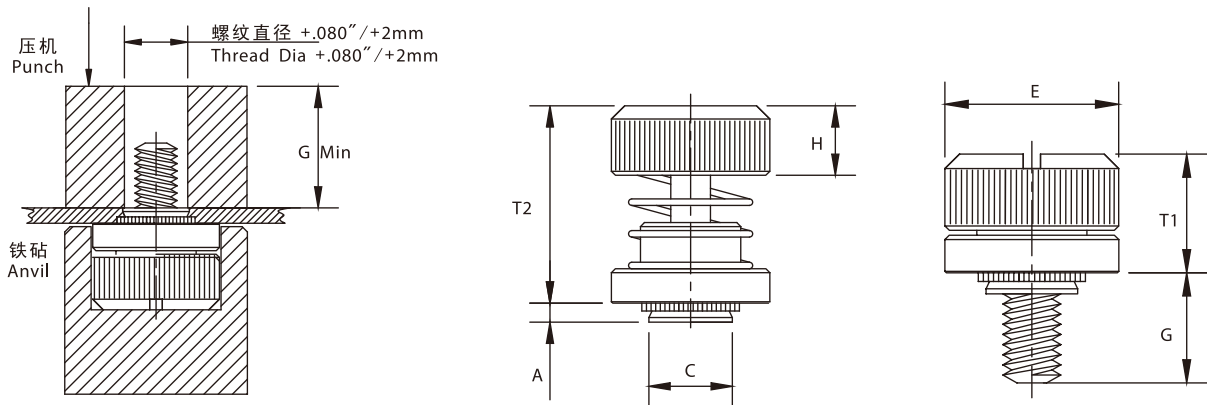
螺纹尺寸x螺距 Thread Size x Pitch		型号 TYPE	螺纹代号 Thread Code		板厚 Sheet Thickness Min-Max	A ±0.1	B ±0.1	底端码 Shank Code	G ±0.64	T1 ±0.4	T2 Nom	E ±0.25
英制 Unified	公制 Metric		英制 Unified	公制 Metric								
. 112-40 (#4-40)	M3x0.5	KD-PF15 KD-PF41	440	M3	0.8-1.5	1	0.4	0	4	12.1	11.3	10.5
								1	5.7	13.8		
								2	7.2	15.3		
		KD-PF25 KD-PF42			1.5-2.5	1.8	0.4	3	8.8	17.9		
								0	4.7	12.8		
								1	6.4	14.5		
2	7.9	16										
3	9.5	17.6										
. 138-32 (#6-32)	M3.5x0.6	KD-PF15 KD-PF41	632	M3.5	1.5-3.2	1.8	0.4	0	6	16.4	15.3	11.5
								1	7.6	18		
								2	9.2	19.6		
		KD-PF25 KD-PF42			3.2-4.8	3.4	1.6	3	10.8	21.2		
								0	7.6	18		
								1	9.2	19.6		
2	10.8	21.2										
. 164-32 (8-32)	M4x0.7	KD-PF15 KD-PF41	832	M4	1.5-3.2	1.8	0.4	0	6.4	16.9	15.6	13
								1	8	18.5		
								2	9.5	20		
		KD-PF25 KD-PF42			3.2-4.8	3.4	1.6	3	11.1	21.6		
								0	8	18.5		
								1	9.5	20		
2	11.1	21.6										
. 190-32 (#10-32)	M5x0.8	KD-PF15 KD-PF41	032	M5	1.5-3.2	1.8	0.4	0	6.4	16.9	15.6	13
								1	8	18.5		
								2	9.5	20		
		KD-PF25 KD-PF42			3.2-4.8	3.4	1.6	3	11.1	21.6		
								0	8	18.5		
								1	9.5	20		
2	11	21.6										
. 250-20 (1/4-20)	M6x1	KD-PF15 KD-PF41	420	M6	1.5-3.2	1.8	0.4	0	7.8	20.5	19.3	15
								1	9.4	22.1		
								2	11	23.7		
		KD-PF25 KD-PF42			3.2-4.8	3.4	1.6	3	12.6	15.3		
								0	9.4	22.1		
								1	11	23.7		
2	12.6	25.3										

# 面板紧固件PF30 LOW-PROFILE PANEL FASTENERS



<b>KD-PF30</b>	<b>M3</b>	<b>30</b>	<b>NI</b>
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 DIMENSIONS ARE IN MILLIMETER(均以MM为单位)

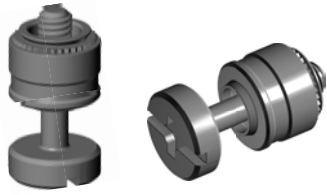
螺纹尺寸 × 螺距 THREAD SIZE × PITCH	型号 TYPE		螺纹 代号 THREAD CODE	规格代号 SHANK CODE	A MAX	最小板厚 MIN SHEET THICKNESS	C MAX	E ± 0.25	G ± 0.40	H ± 0.13	T <sub>1</sub> MAX	T <sub>2</sub> NOM	板安装孔 尺寸 HOLE SIZE IN SHEET +.080-0.000	孔中心到 板边沿最 小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL												
M3 × 0.5	KD-PF31	KD-PFS31	M3	30	0.97	1	5.48	10.31	7.62	5.13	8.26	15.11	5.50	6.6
	KD-PF32	KD-PFS32			1.48	1.5								
M4 × 0.7	KD-PF31	KD-PFS31	M4	30	0.97	1	6.38	11.89	7.62	5.26	8.38	15.24	6.40	7.37
	KD-PF32	KD-PFS32			1.48	1.5								
M5 × 0.8	KD-PF31	KD-PFS31	M5	30	0.97	1	7.98	13.46	7.62	5.59	8.51	15.37	8.0	8.38
	KD-PF32	KD-PFS32			1.48	1.5								
M6 × 1	KD-PF32	KD-PFS32	M6	35	1.48	1.5	9.48	15.88	8.89	6.12	9.78	17.15	9.50	9.65

ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

螺纹尺寸 THREAD SIZE	型号 TYPE		螺纹 代号 THREAD CODE	规格代号 SHANK CODE	A MAX	最小板厚 MIN SHEET THICKNESS	C MAX	E ±.010	G ±.015	H ±.005	T <sub>1</sub> MAX	T <sub>2</sub> NOM	板安装孔 尺寸 HOLE SIZE IN SHEET +.003 -.000	孔中心到 板边沿最 小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL												
.112-40 (#4-40)	KD-PF30	KD-PFS30	440	30	.030	.030	.202	.406	.300	.202	.325	.595	.203	.26
	KD-PF31	KD-PFS31			.038	.040								
	KD-PF32	KD-PFS32			.058	.060								
.138-32 (#6-32)	KD-PF30	KD-PFS30	632	30	.030	.030	.218	.438	.300	.202	.325	.595	.219	.28
	KD-PF31	KD-PFS31			.038	.040								
	KD-PF32	KD-PFS32			.058	.060								
.164-32 (#8-32)	KD-PF30	KD-PFS30	832	30	.030	.030	.249	.468	.300	.207	.330	.600	.250	.29
	KD-PF31	KD-PFS31			.038	.040								
	KD-PF32	KD-PFS32			.058	.060								
.190-32 (#10-32)	KD-PF30	KD-PFS30	032	30	.030	.030	.311	.530	.300	.220	.335	.605	.312	.33
	KD-PF31	KD-PFS31			.038	.040								
	KD-PF32	KD-PFS32			.058	.060								
.250-20 (1/4-20)	KD-PF32	KD-PFS32	0420	35	.058	.060	.374	.625	.350	.242	.385	.675	.375	.38

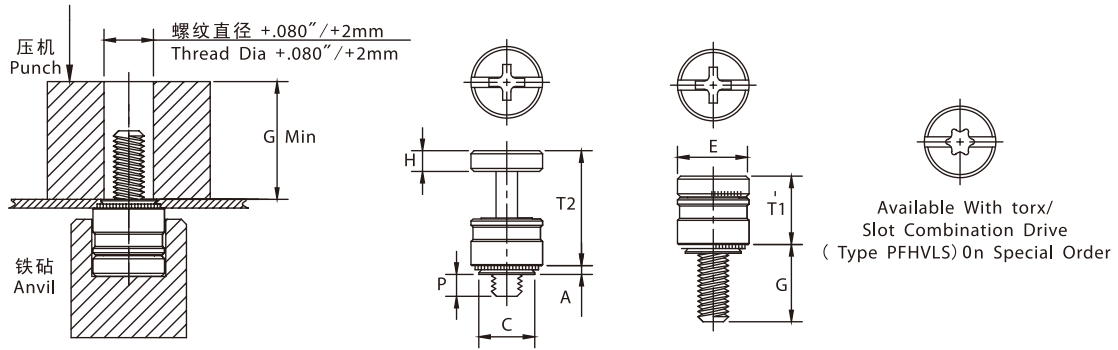
- KD-PF30/31/32 碳钢类: 适用于钢板、铝板、铜板等材料HRB ≤ 60的板材铆接。
- KD-PFS30/31/32 不锈钢类: 适用于钢板、铝板、铜板等材料HRB ≤ 70的板材铆接。
- KD-PF30/31/32 Carbon steel: for steel panel, aluminum panel, brass panel with hardness HRB ≤ 60.
- KD-PFS30/31/32 Stainless steel: for aluminum panel, steel panel, brass panel with hardness HRB ≤ 70.

# 面板紧固件PFHV PANEL FASTENER ASSEMBLIES



<b>KD-PFHV</b>	<b>632</b>	<b>0</b>	<b>CN</b>
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 DIMENSIONS ARE IN MILIMETER (均以MM为单位)

螺纹尺寸 × 螺距 THREAD SIZE × PITCH	型号 TYPE	螺纹 代号 THREAD CODE	螺纹长度 代号 SCREW LENGTH CODE	A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔 尺寸HOLE SIZE IN SHEET +.080-.000	C MAX	E ±0.25	G ±0.64	H ±0.13	P ±0.64	T <sub>1</sub> NOM	T <sub>2</sub> NOM	孔中心到 板边沿最 小距离 MIN DIST HOLE C/L TO EDGE
M3×0.5	KD-PFHV	M3	0	0.92	0.92	5.5	5.49	6.95	5.55	2.03	0	6.69	11.25	5.8
			1						7.56		1.9			
M3.5×0.6	KD-PFHV	M3.5	0	0.92	0.92	6	5.98	7.45	6.01	2.34	0	7.45	12.47	6.3
			1						8.42		2.3			
M4×0.7	KD-PFHV	M4	0	0.92	0.92	6.4	6.38	7.85	6.59	2.79	0	8.5	14.1	6.7
			1						9.39		2.7			

ALL DIMENSIONS ARE IN INCHES (均以英寸为单位)

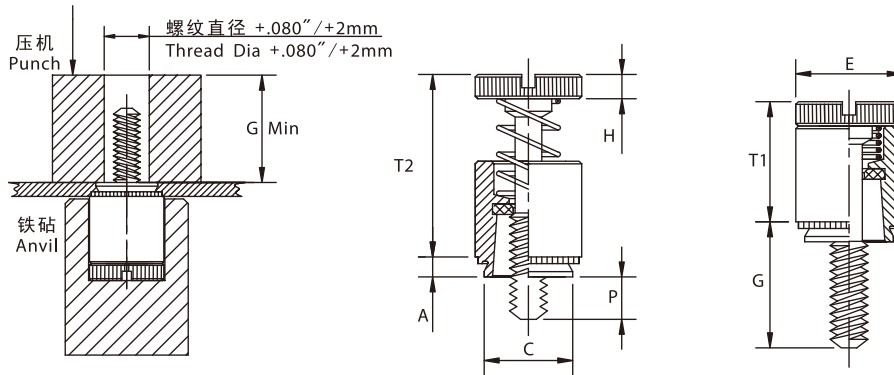
螺纹尺寸 THREAD SIZE	型号 TYPE	螺纹 代号 THREAD CODE	螺纹长度 代号 SCREW LENGTH CODE	A MAX	最小板厚 MIN SHEET THICKNESS	板安装孔 尺寸HOLE SIZE IN SHEET +.003-.000	C MAX	E ±.010	G ±.025	H ±.005	P ±.025	T <sub>1</sub> NOM	T <sub>2</sub> NOM	孔中心到 板边沿最 小距离 MIN DIST HOLE C/L TO EDGE
.112-40 (#4-40)	KD-PFHV	440	0	.036	.036	.203	.202	.260	.216	.080	.000	.260	.436	.213
			1						.316		.095			
.138-32 (#6-32)	KD-PFHV	632	0	.036	.036	.219	.218	.276	.234	.092	.000	.290	.484	.230
			1						.359		.120			

- KD-PFHV 碳钢类: 适用于钢板、铝板、铜板等材料HRB≤70的板材铆接。
- KD-PFHV Carbon steel: for aluminum panel, steel panel, brass panel with hardness HRB≤70.

# 面板紧固件PFC2 PANEL FASTENER ASSEMBLIES



## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILLIMETER (均以MM为单位)

螺纹尺寸 × 螺距 THREAD SIZE × PITCH	型号 TYPE		螺纹 代号 THREAD CODE	螺纹长度 代号 SCREW LENGTH CODE	A MAX	C MAX	E ±0.25	G ±0.4	H ±0.13	P ±0.64	T <sub>1</sub> MAX	T <sub>2</sub> NOM	最小板厚 MIN SHEET THICKNESS	板安装孔 尺寸 HOLE SIZE IN SHEET +.080-.000	孔中心到 板边沿最 小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL													
M3×0.5	KD-PFS2	KD-PFC2	M3	40	1.53	6.71	7.92	6.4	1.83	0	9.14	13.72	1.53	6.73	6.35
				62				9.5		3.20					
M4×0.7	KD-PFS2	KD-PFC2	M4	50	1.53	7.90	9.53	7.9	2.08	0	11.43	17.53	1.53	7.92	7.87
				72				11.1		3.20					
				94				14.3		6.40					
M5×0.8	KD-PFS2	KD-PFC2	M5	50	1.53	8.72	10.31	7.9	2.08	0	11.47	17.53	1.53	8.74	8.63
				72				11.1		3.20					
				94				14.3		6.40					
M6×1	KD-PFS2	KD-PFC2	M6	60	1.53	10.47	11.89	9.5	2.46	0	14.73	22.35	1.53	10.49	9.65
				82				12.7		3.20					
				04				15.9		6.40					

ALL DIMENSIONS ARE IN INCHES (均以英寸为单位)

螺纹尺寸 THREAD SIZE	型号 TYPE		螺纹 代号 THREAD CODE	螺纹长度 代号 SCREW LENGTH CODE	A MAX	C MAX	E ±.01	G ±.016	H ±.005	P ±.025	T <sub>1</sub> MAX	T <sub>2</sub> NOM	最小板厚 MIN SHEET THICKNESS	板安装孔 尺寸 HOLE SIZE IN SHEET +.003-.000	孔中心到 板边沿最 小距离 MIN DIST HOLE C/L TO EDGE
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL													
.112-40 (#4-40)	KD-PFS2	KD-PFC2	440	40	.060	.264	.312	.250	.072	.000	.36	.54	.060	.265	.25
				62				.375		.125					
.138-32 (#6-32)	KD-PFS2	KD-PFC2	632	40	.060	.280	.344	.250	.072	.000	.36	.54	.060	.281	.28
				62				.375		.125					
				84				.500		.250					
.164-32 (#8-32)	KD-PFS2	KD-PFC2	832	50	.060	.311	.375	.312	.082	.000	.45	.69	.060	.312	.31
				72				.437		.125					
				94				.562		.250					
.190-32 (#10-32)	KD-PFS2	KD-PFC2	032	50	.060	.343	.406	.312	.082	.000	.45	.69	.060	.344	.34
				72				.437		.125					
				94				.562		.250					
.250-20 (1/4-20)	KD-PFS2	KD-PFC2	0420	60	.060	.412	.468	.375	.097	.000	.58	.88	.060	.413	.38
				82				.500		.125					
				04				.625		.250					

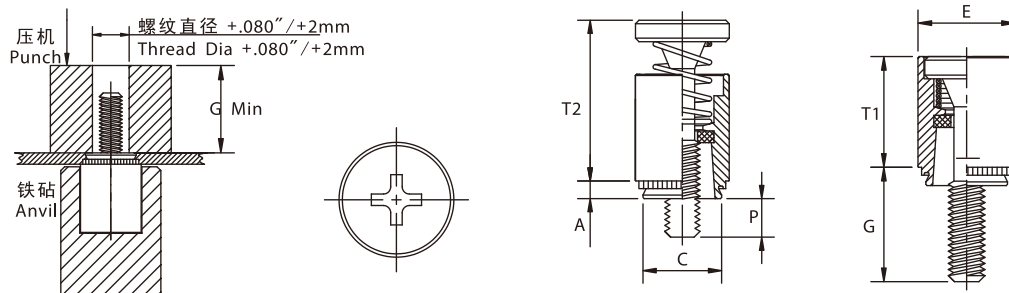
- KD-PFS2 碳钢类: 适用于钢板、铝板、铜板等材料HRB≤80的板材铆接。
- KD-PFC2 不锈钢类: 适用于钢板、铝板、铜板等材料HRB≤70的板材铆接。
- KD-PFS2 Carbon steel: for steel panel, aluminum panel, brass panel with hardness HRB≤80.
- KD-PFC2 Stainless steel: for aluminum panel, steel panel, brass panel with hardness HRB≤70.



# 面板紧固件PFC2P PANEL FASTENER ASSEMBLIES



## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILIMETER(均以MM为单位)

螺纹尺寸 × 螺距 THREAD SIZE × PITCH	型号 TYPE	螺纹 代号 THREAD CODE	螺纹长度 代号 SCREW LENGTH CODE	A MAX	C MAX	E ±0.25	G ±0.4	P ±0.64	T <sub>1</sub> MAX	T <sub>2</sub> NOM	最小板厚 MIN SHEET THICKNESS	板安装孔 尺寸 HOLE SIZE IN SHEET +.080-0.000	孔中心到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
M3×0.5	KD-PFC2P	M3	40	1.53	6.71	7.92	6.4	0	9.4	13.72	1.53	6.73	6.35
			62				9.5	3.20					
			50				7.9	0					
M4×0.7	KD-PFC2P	M4	72	1.53	7.90	9.53	11.10	3.20	12.19	17.91	1.53	7.92	7.87
			94				14.3	6.40					
			50				7.9	0					
M5×0.8	KD-PFC2P	M5	72	1.53	8.72	10.31	11.1	3.20	12.45	17.91	1.53	8.74	8.63
			94				14.3	6.40					
			60				9.5	0					
M6×1	KD-PFC2P	M6	82	1.53	10.47	11.89	12.7	3.20	15.75	22.99	1.53	10.49	9.65
			04				15.9	6.40					

ALL DIMENSIONS ARE IN INCHES(均以英寸为单位)

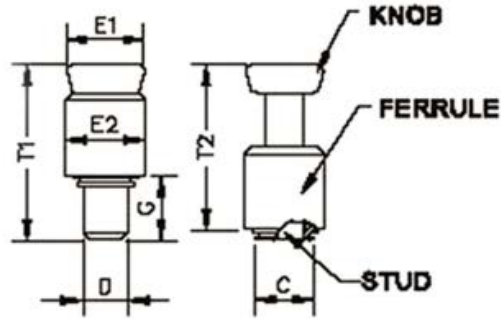
螺纹尺寸 THREAD SIZE	型号 TYPE	螺纹 代号 THREAD CODE	螺纹长度 代号 SCREW LENGTH CODE	A MAX	C MAX	E ±.01	G ±.016	P ±.025	T <sub>1</sub> MAX	T <sub>2</sub> NOM	最小板厚 MIN SHEET THICKNESS	板安装孔 尺寸 HOLE SIZE IN SHEET +.003-.000	孔中心到板边 沿最小距离 MIN DIST HOLE C/L TO EDGE
.112-40 (#4-40)	KD-PFC2P	440	40	.060	.264	.312	.250	.000	.370	.540	.060	.265	.25
			62				.375	.125					
			50				.500	.250					
.138-32 (#6-32)	KD-PFC2P	632	40	.060	.280	.344	.250	.000	.380	.540	.060	.281	.28
			62				.375	.125					
			84				.500	.250					
.164-32 (#8-32)	KD-PFC2P	832	50	.060	.311	.375	.312	.000	.480	.705	.060	.312	.31
			72				.437	.125					
			94				.562	.250					
.190-32 (#10-32)	KD-PFC2P	032	50	.060	.343	.406	.312	.000	.490	.705	.060	.344	.34
			72				.437	.125					
			94				.562	.250					
.250-20 (1/4-20)	KD-PFC2P	0420	60	.060	.412	.468	.375	.000	.620	.905	.060	.413	.38
			82				.500	.125					
			04				.625	.250					

- KD-PFC2P 不锈钢类:适用于钢板、铝板、铜板等材料HRB≤70的板材铆接。
- KD-PFC2P Stainless steel: for aluminum panel, steel panel, brass panel with hardness HRB≤70.

# 弹簧柱塞 SPRING-LOADED PLUNGER ASSEMBLIES

KD-PT
56
61
CN

型号 螺纹代号 规格代号 镀层代号  
 TYPE THREAD CODE SHANK CODE FINISH CODE

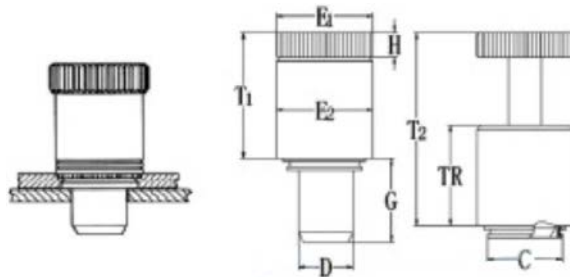


型号 TYPE		直径代码 Diameter Code	长度代码 Length Code	最小板厚 Min Sheet Thicknes	开孔尺寸 Hole Size In Sheet	C Max.	D Max.	E1 ±0.25	E2 ±0.25	G ±0.25	T1 ±0.25	T2 Non	孔中心到 板边沿最 小距离 MIN DIST HOLE C/L TO EDGE
碳钢 Steel	不锈钢 Stainless Steel												
KD-PT	KD-PTS	56	61	1.53	8.33	8.31	6.35	11.5	10.3	8.5	20.5	18.8	8.64

型号 TYPE		直径代码 Diameter Code	长度代码 Length Code	最小板厚 Min Sheet Thicknes	开孔尺寸 Hole Size In Sheet	C Max.	D Max.	E1 ±0.01	E2 ±0.01	G ±0.015	T1 ±0.015	T2 Nom	孔中心到 板边沿最 小距离 MIN DIST HOLE C/L TO EDGE
碳钢 Steel	不锈钢 Stainless Steel												
KD-PT	KD-PTS	56	61	0.060	0.328	0.327	0.250	0.453	0.405	0.335	0.807	0.740	8.64

KD-PLT2
04
4
CN

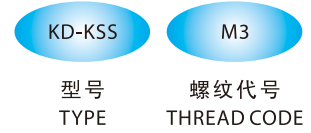
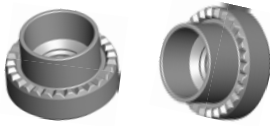
型号 螺纹代号 规格代号 镀层代号  
 TYPE THREAD CODE SHANK CODE FINISH CODE



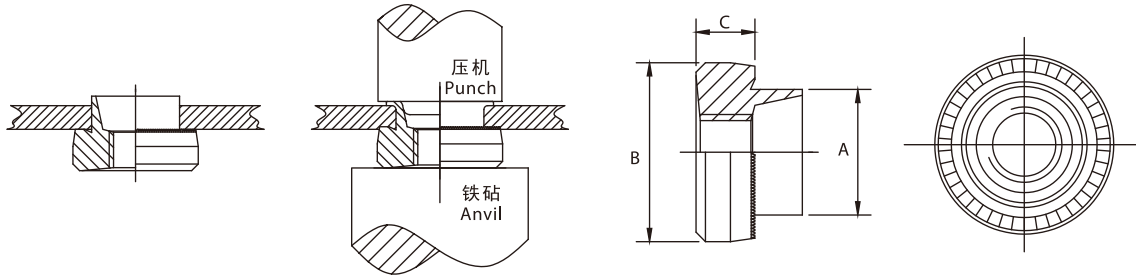
型号 TYPE	直径代码 Diameter Code	长度代码 Length Code	最小板厚 Min Sheet Thicknes	开孔尺寸 Hole Size In Sheet	C Max.	D -0.13	E1 ±0.25	E2 ±0.25	G ±0.25	H ±0.25	T1 ±0.25	T2 Nom	TR ±0.13	孔中心到 板边沿最 小距离 MIN DIST HOLE C/L TO EDGE
KD-PLT2	04	4	1.53	8.33	8.31	6.35	12.70	10.30	7.87	4.32	15.11	22.73	10.92	8.64
KD-PSL2	04	4	1.53	8.33	8.31	6.35	12.70	10.30	7.87	4.32	12.95	19.81	8.89	8.64

型号 TYPE	直径代码 Diameter Code	长度代码 Length Code	最小板厚 Min Sheet Thicknes	开孔尺寸 Hole Size In Sheet	C Max.	D -0.005	E1 ±0.01	E2 ±0.01	G ±0.01	H ±0.01	T1 ±0.01	T2 Nom	TR ±0.005	孔中心到 板边沿最 小距离 MIN DIST HOLE C/L TO EDGE
KD-PLT2	04	4	0.060	0.328	0.327	0.250	0.500	0.406	0.310	0.170	0.595	0.895	0.430	0.340
KD-PSL2	04	4	0.060	0.328	0.327	0.250	0.500	0.406	0.310	0.170	0.510	0.780	0.350	0.340

# 涨铆螺母 HANK-SERT



## 安装方法 INSTALLATION



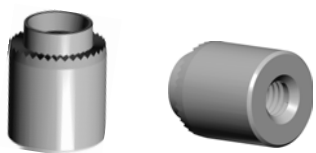
ALL DIMENSIONS ARE IN MILIMETER(均以MM为单位)

螺纹尺寸×螺距 THREAD SIZE × PITCH	型号 TYPE		螺纹代号 THREAD CODE	嘴位尺寸 A MAX.	外圆 B±0.15	螺母厚度 NUTS THICKNESS C±0.13	板安装孔径 HOLE SIZE IN SHEET +.080 -.000
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL					
M2.5×0.45	KD-KS	KD-KSS	M2.5	5.54	7.92	3.17	5.55
M3×0.5	KD-KS	KD-KSS	M3	5.54	7.92	3.17	5.55
M3.5×0.6	KD-KS	KD-KSS	M3.5	6.73	9.52	3.17	6.75
M4×0.7	KD-KS	KD-KSS	M4	6.73	9.52	3.17	6.75
M5×0.8	KD-KS	KD-KSS	M5	7.92	11.10	3.81	7.95
M6×1	KD-KS	KD-KSS	M6	9.52	12.70	5.08	9.55
M8×1.25	KD-KS	KD-KSS	M8	12.70	15.87	6.35	12.72
M10×1.5	KD-KS	KD-KSS	M10	15.87	19.05	7.62	15.90
M12×1.75	KD-KS	KD-KSS	M12	19.05	25.4	10.16	19.08

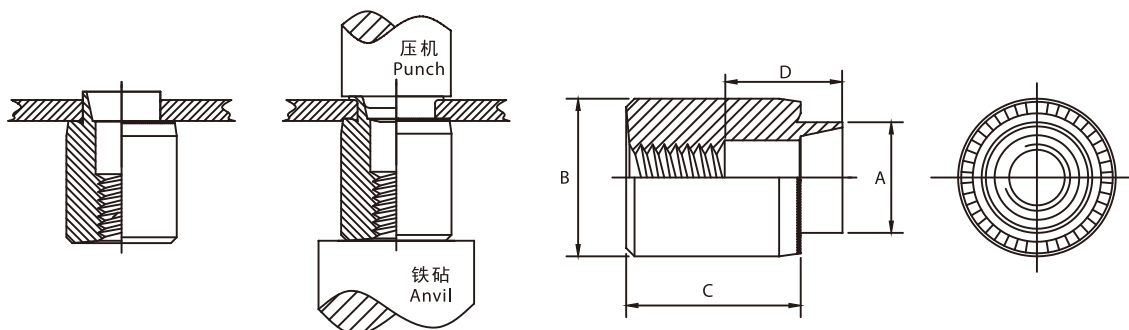
注：螺母其它部位的尺寸可由客户的安装板厚或特殊板厚或特殊要求来确定。  
Note: The other dimensions should be customized as per sheet thickness or customers' specific requirements.

- KD-KS 碳钢类：适用于所有材料板材铆接。
- KD-KSS 不锈钢类：适用于所有材料板材铆接。
- KD-KS Carbon steel: for panels of any material.
- KD-KSS Stainless steel: for panels of any material.

# 涨铆螺柱 HANKSTANDOFF-SERT



## 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILIMETER(均以MM为单位)

螺纹尺寸×螺距 THREAD SIZE × PITCH	型号 TYPE		螺纹代号 THREAD CODE	嘴位尺寸 A MAX.	外圆 B±0.15	螺母厚度 NUTS THICKNESS C±0.13	板安装孔径 HOLE SIZE IN SHEET +.080-.000	内孔无螺纹 部分长度 LENTH UNTHREADED D
	碳钢 CARBON STEEL	不锈钢 STAINLESS STEEL						
M2.5×0.45	KD-KSO	KD-KSOS	M2.5	5.54	7.92	8-10MM	5.55	3.0MM
M3×0.5	KD-KSO	KD-KSOS	M3	5.54	7.92		5.55	
M3.5×0.6	KD-KSO	KD-KSOS	M3.5	6.73	9.52	11-13MM	6.75	6.0MM
M4×0.7	KD-KSO	KD-KSOS	M4	6.73	9.52		6.75	
M5×0.8	KD-KSO	KD-KSOS	M5	7.92	11.10	14-16MM	7.95	9.0MM
M6×1	KD-KSO	KD-KSOS	M6	9.52	12.70		9.55	
M8×1.25	KD-KSO	KD-KSOS	M8	12.70	15.87	14-22MM	12.72	12.0MM
M10×1.5	KD-KSO	KD-KSOS	M10	15.87	19.05		15.90	
M12×1.75	KD-KSO	KD-KSOS	M12	19.05	25.4		19.08	

注：螺母柱厚度C、内孔无螺纹部分长度及其它部分长度及其它部位的尺寸可由客户要求确定。

Note: thickness C, unthreaded length and other dimensions are as per customers' specific requirements.

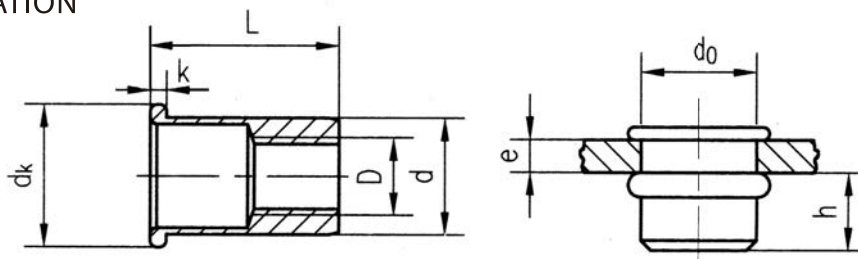
- KD-KSO 碳钢类：适用于所有材料板材铆接。
- KD-KSOS 不锈钢类：适用于所有材料板材铆接。
- KD-KSO Carbon steel: for panels of any material.
- KD-KSOS Stainless steel: for panels of any material.

## 平头铆螺母 FLAT HEAD INSERT NUT



KD-P	M4	1	ZU
型号 TYPE	螺纹代号 THREAD CODE	规格代号 SHANK CODE	镀层代号 FINISH CODE

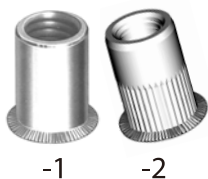
### 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILLIMETER(均以MM为单位)

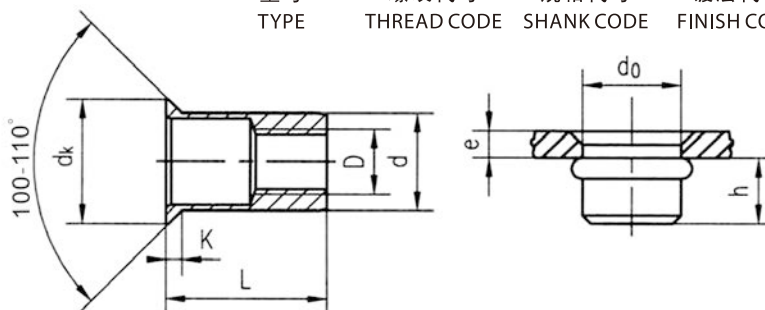
产品规格 SIZE	D	铆接厚度 e	铆后长度 h(参考)	母孔直径d0 +0.15 +0.05	d -0.03 -0.20	dk ±0.30	K ±0.20	L ±0.30
KD-P-M3-1 KD-P-M3-1/10.5	M3	0.5-2.0 2.0-3.0	4.5	5	5	7	0.8	8.8 10.5
KD-P-M4-1 KD-P-M4-1/13.0	M4	0.5-2.0 2.0-4.0	6.0	6	6	9	0.8	10.8 13.0
KD-P-M5-1 KD-P-M5-1/16.0	M5	0.5-3.0 3.0-5.0	7.0	7	7	10	1.0	13.0 16.0
KD-P-M6-1 KD-P-M6-1/18.0	M6	0.5-3.0 3.0-5.0	8.5	9	9	13	1.5	15.0 18.0
KD-P-M8-1 KD-P-M8-1/20.0	M8	0.5-3.5 3.5-5.5	11.0	11	11	15	1.5	18.0 20.0
KD-P-M10-1 KD-P-M10-1/24.0	M10	0.5-3.5 3.5-5.5	12.0	13	13	17	1.8	20.3 24.0
KD-P-M12-1	M12	0.5-3.5	16.0	15	15	19	1.8	24.3

## 沉头铆螺母 COUNTERSUNK HEAD INSERT NUT



KD-C	M4	1	ZU
型号 TYPE	螺纹代号 THREAD CODE	规格代号 SHANK CODE	镀层代号 FINISH CODE

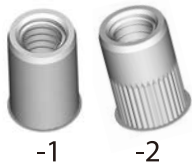
### 安装方法 INSTALLATION



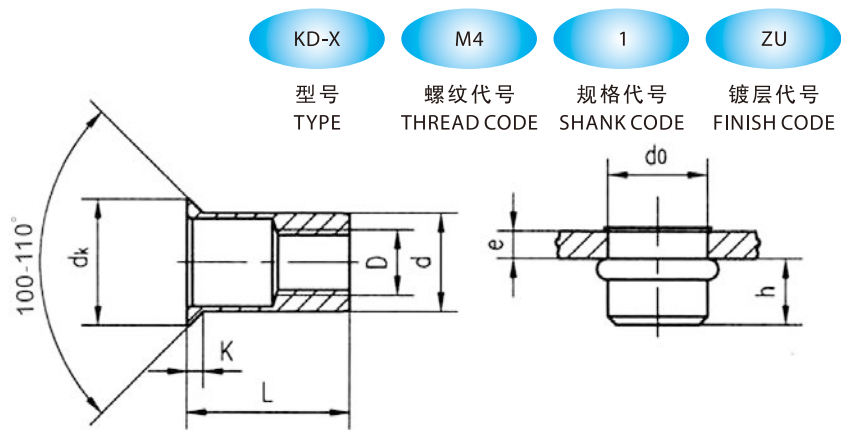
ALL DIMENSIONS ARE IN MILLIMETER(均以MM为单位)

产品规格 SIZE	D	铆接厚度 e	铆后长度 h(参考)	母孔直径d0 +0.15 +0.05	d -0.03 -0.20	dk ±0.30	K ±0.20	L ±0.30
KD-C-M3-1 KD-C-M3-1/10.5	M3	1.6-3.0 3.0-4.0	5.0	5	5	7.8	1.5	9.5 10.5
KD-C-M4-1 KD-C-M4-1/13.0	M4	1.6-3.5 3.5-4.0	6.0	6	6	9	1.5	11.0 13.0
KD-C-M5-1 KD-C-M5-1/15.0	M5	1.6-3.5 3.5-5.0	8.0	7	7	10	1.5	14.0 15.0
KD-C-M6-1 KD-C-M6-1/18.0	M6	1.6-4.0 4.0-6.0	9.0 10.0	9	9	12	1.5	15.0 18.0
KD-C-M8-1 KD-C-M8-1/20.0	M8	1.6-4.5 4.5-6.0	10.0 11.0	11	11	14	1.5	16.5 20.0
KD-C-M10-1 KD-C-M10-1/20.5	M10	1.6-4.5 4.5-6.0	11.0	13	13	16	1.7	19.0 20.5
KD-C-M12-1 KD-C-M12-1/24.0	M12	1.6-5.0 5.0-6.5	13.5	15	15	18	1.8	22.5 24.0

## 小头铆螺母 THIN HEAD INSERT NUT



### 安装方法 INSTALLATION



KD-X	M4	1	ZU
型号 TYPE	螺纹代号 THREAD CODE	规格代号 SHANK CODE	镀层代号 FINISH CODE

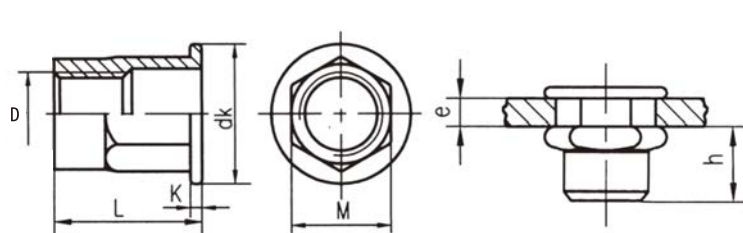
ALL DIMENSIONS ARE IN MILIMETER(均以MM为单位)

产品规格 SIZE	D	铆接厚度 e	铆后长度 h(参考)	母孔直径d0 +0.15 +0.05	d -0.03 -0.20	dk ±0.30	K ±0.20	L ±0.30
KD-X-M3-1 KD-X-M3-1/11.0	M3	0.5-1.5 2.0-3.0	6.0	5	5	6.00	0.50	8.5 11.0
KD-X-M4-1 KD-X-M4-1/11.0	M4	0.5-1.5 1.5-2.5	5.5	6	6	7.00	0.50	10.0 11.0
KD-X-M5-1 KD-X-M5-1/13.5	M5	0.5-2.0 2.0-3.5	6.0	7	7	8.00	0.60	12.0 13.5
KD-X-M6-1 KD-X-M6-1/17.0	M6	0.5-3.0 3.0-4.5	10.0	9	9	10.00	0.60	14.5 17.0
KD-X-M8-1 KD-X-M8-1/18.0	M8	0.5-3.5 3.5-5.0	10.0	11	11	12.30	0.60	16.5 18.0
KD-X-M10-1 KD-X-M10-1/20.5	M10	0.5-3.5 3.5-5.0	12.0	13	13	14.50	0.85	19.0 20.5
KD-X-M12-1 KD-X-M12-1/24.0	M12	0.5-3.5 3.5-5.0	14.5	15	15	16.50	0.85	22.5 24.0

## 平头半六角铆螺母 FLAT HEAD HALF HEX INSERT NUT



### 安装方法 INSTALLATION



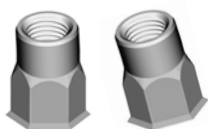
KD-PL	M4	ZU
型号 TYPE	螺纹代号 THREAD CODE	镀层代号 FINISH CODE

ALL DIMENSIONS ARE IN MILIMETER(均以MM为单位)

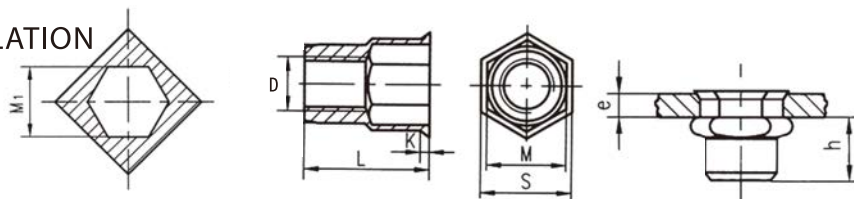
产品规格 SIZE	D	铆接厚度 e	铆后长度 h(参考)	母孔对边M1 +0.15 +0.05	M -0.03 -0.20	dk ±0.30	K ±0.20	L ±0.30
KD-PL-M3-1	M3	0.5-2.0	5.0	5	5	7	0.8	8.8
KD-PL-M4-1 KD-PL-M4-1/12	M4	0.5-2.5 1.5-3.5	6.0	6	6	9	0.8	10.8 12.0
KD-PL-M5-1 KD-PL-M5-1/16	M5	0.5-3.0 3.0-5.0	8.0	7	7	10	1.0	13.0 16.0
KD-PL-M6-1 KD-PL-M6-1/18	M6	0.5-3.5 3.5-5.0	9.0	9	9	13	1.5	15.8 18.0
KD-PL-M8-1 KD-PL-M8-1/21	M8	0.5-3.5 3.5-5.5	11.0	11	11	15	1.5	18.0 21.0
KD-PL-M10-1 KD-PL-M10-1/23	M10	0.5-3.5 3.0-5.0	12.5	13	13	17	1.8	20.3 23.0
KD-PL-M12-1	M12	0.5-3.5	16.5	15	15	19	2.2	24.3



## 小头半六角铆螺母 THIN HEAD HALF HEX INSERT NUT



### 安装方法 INSTALLATION



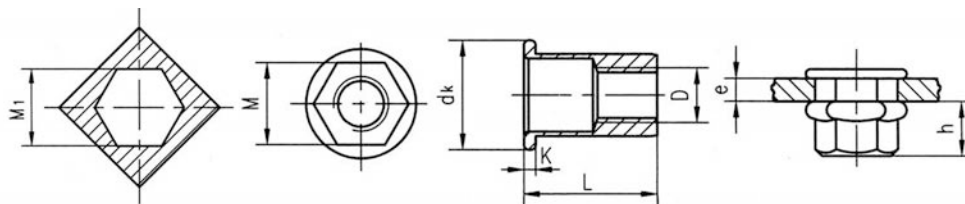
ALL DIMENSIONS ARE IN MILIMETER(均以MM为单位)

产品规格 SIZE	D	铆接厚度 e	铆后长度 h(参考)	母孔对边M1 +0.15 +0.05	M -0.03 -0.20	S ±0.30	K ±0.20	L ±0.30
KD-XL-M3-1	M3	0.5-1.5	5.0	5	5	6.0	0.5	8.5
KD-XL-M4-1	M4	0.5-2.0	6.5	6	6	7.0	0.5	10.0
KD-XL-M4-1/12	M4	2.0-3.5	6.5	6	6	7.0	0.5	12.0
KD-XL-M5-1	M5	0.5-2.5	8.0	7	7	8.0	0.6	12.0
KD-XL-M5-1/14	M5	2.5-4.5	8.0	7	7	8.0	0.6	14.0
KD-XL-M6-1	M6	0.5-3.0	9.0	9	9	10.0	0.6	14.5
KD-XL-M6-1/16	M6	3.0-4.5	9.0	9	9	10.0	0.6	16.0
KD-XL-M8-1	M8	0.5-3.5	10.0	11	11	12.5	0.6	16.5
KD-XL-M8-1/17.5	M8	3.0-4.5	10.0	11	11	12.5	0.6	17.5
KD-XL-M10-1	M10	0.5-3.5	12.5	13	13	14.3	0.8	19.0
KD-XL-M10-1/22.5	M10	3.5-5.0	12.5	13	13	14.3	0.8	22.5
KD-XL-M12-1	M12	0.5-4.2	14.5	15	15	16.5	0.8	23.0
KD-XL-M12-1/26.0	M12	4.0-7.0	14.5	15	15	16.5	0.8	26.0

## 平头全六角铆螺母 FLAT HEAD STANDARD HEX INSERT NUT



### 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILIMETER(均以MM为单位)

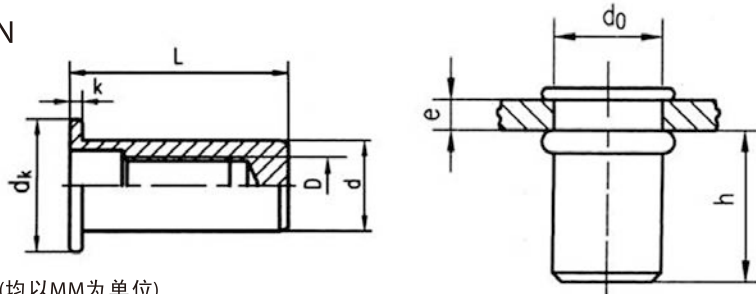
产品规格 SIZE	D	铆接厚度 e	铆后长度 h(参考)	母孔对边M1 +0.15 +0.05	M -0.03 -0.20	dk ±0.30	K ±0.20	L ±0.30
KD-LP-M4-1	M4	0.5-2.5	6.0	6	6	9	0.8	10.8
KD-LP-M4-1/13.5	M4	2.5-4.0	6.0	6	6	9	0.8	13.5
KD-LP-M5-1	M5	0.5-3.0	8.0	7	7	10	1.0	13.0
KD-LP-M5-1/16.5	M5	3.0-5.5	8.0	7	7	10	1.0	16.5
KD-LP-M6-1	M6	0.5-3.5	9.0	9	9	13	1.5	15.8
KD-LP-M6-1/18.0	M6	3.0-5.5	9.0	9	9	13	1.5	18.0
KD-LP-M8-1	M8	0.5-3.5	11.0	11	11	15	1.5	18.0
KD-LP-M8-1/21.5	M8	3.5-5.5	11.0	11	11	15	1.5	21.5
KD-LP-M10-1	M10	0.5-3.5	12.5	12	12	17	1.8	20.3
KD-LP-M10-1/24.0	M10	3.5-6.0	12.5	13	13	17	1.8	24.0
KD-LP-M12-1	M12	0.5-3.5	16.0	15	15	19	1.8	24.3
KD-LP-M12-1/28.0	M12	3.5-6.0	16.0	15	15	19	1.8	28.0

## 平头盲孔铆螺母 FLAT HEAD CLOSED INSERT NUT



KD-P	M4B	1	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 DIMENSIONS ARE IN MILIMETER(均以MM为单位)

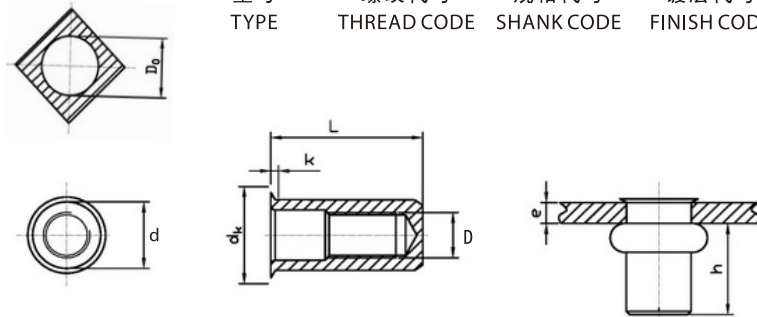
产品规格 SIZE	D	铆接厚度 e	铆后长度 h(参考)	母孔直径d0 +0.15 +0.05	d -0.03 -0.20	dk ±0.30	K ±0.20	L ±0.30
KD-P-M4B	M4	0.5-2.0	13.0	6	6	9	0.8	17.3
KD-P-M5B	M5	0.5-3.0	14.0	7	7	10	1.0	19.5
KD-P-M6B	M6	0.5-3.0	17.0	9	9	13	1.5	23.5
KD-P-M8B	M8	0.5-3.5	21.0	11	11	15	1.5	28.0
KD-P-M10B	M10	0.5-3.5	26.0	13	13	17	1.8	34.3

## 小头盲孔铆螺母 THIN HEAD CLOSED INSERT NUT



KD-X	M4B	1	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 DIMENSIONS ARE IN MILIMETER(均以MM为单位)

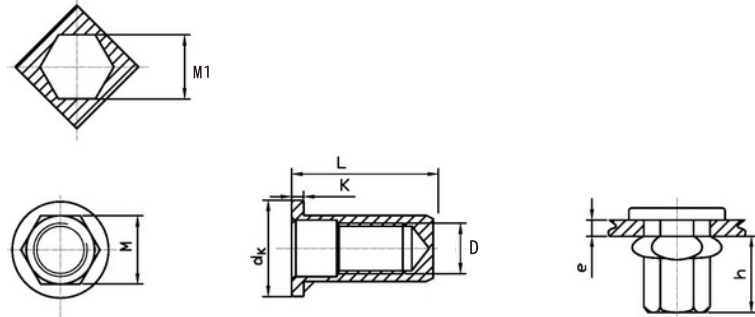
产品规格 SIZE	D	铆接厚度 e	铆后长度 h(参考)	母孔直径D0 +0.15 +0.05	d -0.03 -0.20	dk ±0.30	K ±0.20	L ±0.30
KD-X-M4B	M4	0.5-2.0	12.5	6	6	7	0.5	16.5
KD-X-M5B	M5	0.5-2.5	13.5	7	7	8	0.6	18.5
KD-X-M6B	M6	0.5-3.0	17.0	9	9	10	0.6	23.0
KD-X-M8B	M8	1.0-3.5	19.5	11	11	12.3	0.6	26.5
KD-X-M10B	M10	1.0-3.5	25.5	13	13	14.5	0.85	33.0

## 平头全六角盲孔铆螺母FLAT HEAD HEX CLOSED END INSERT NUT



安装方法 INSTALLATION

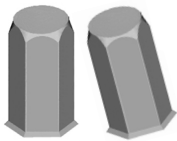
KD-LP	M4B	ZU
型号 TYPE	螺纹代号 THREAD CODE	镀层代号 FINISH CODE



ALL DIMENSIONS ARE IN MILIMETER(均以MM为单位)

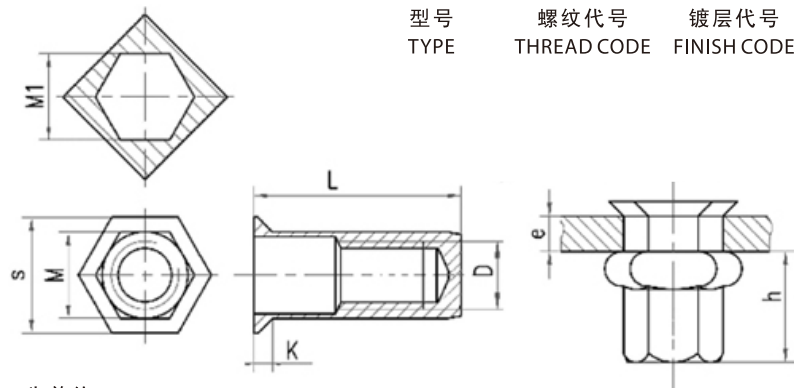
产品规格 SIZE	D	铆接厚度 e	铆后长度 h(参考)	母孔对边M1 +0.15 +0.05	M -0.03 -0.20	dk ±0.30	K ±0.20	L ±0.30
KD-LP-M4B	M4	0.5-2.5	12.5	6	6	9	0.8	17.3
KD-LP-M5B	M5	0.5-3.0	13.5	7	7	10	1	19.5
KD-LP-M6B	M6	0.5-3.5	17.5	9	9	13	1.5	24.3
KD-LP-M8B	M8	0.5-3.5	20.5	11	11	15	1.5	28
KD-LP-M10B	M10	0.5-3.5	26.5	13	13	17	1.8	33

## 小头全六角盲孔铆螺母-六角头THIN HEAD CLOSED HEX INSERT NUT-SIX ANGLE HEAD



安装方法 INSTALLATION

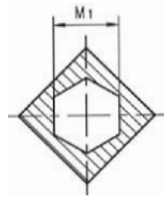
KD-LX	M4B	ZU
型号 TYPE	螺纹代号 THREAD CODE	镀层代号 FINISH CODE



ALL DIMENSIONS ARE IN MILIMETER(均以MM为单位)

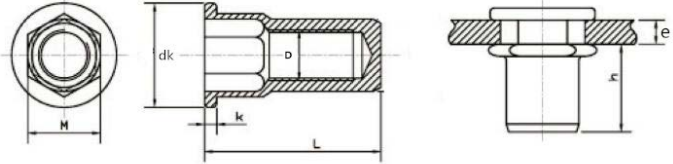
产品规格 SIZE	D	铆接厚度 e	铆后长度 h	母孔对边M1 +0.15 +0.05	M -0.03 -0.20	S ±0.30	K ±0.20	L ±0.30
KD-LX-M4B	M4	0.5~2.0	11.5	6	6	6.7	0.6	16.5
KD-LX-M5B	M5	0.5~2.5	14.0	7	7	8.0	0.6	18.5
KD-LX-M6B	M6	0.5~3.0	17.5	9	9	10.0	0.6	22.8
KD-LX-M8B	M8	0.5~3.5	19.0	11	11	12.0	0.6	26.5

## 平头半六角盲孔铆螺母 FLAT HEAD HALF HEX CLOSED END INSERT NUT



KD-PL	M4B	ZU
型号 TYPE	螺纹代号 THREAD CODE	镀层代号 FINISH CODE

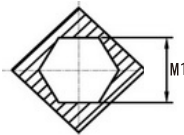
### 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILIMETER(均以MM为单位)

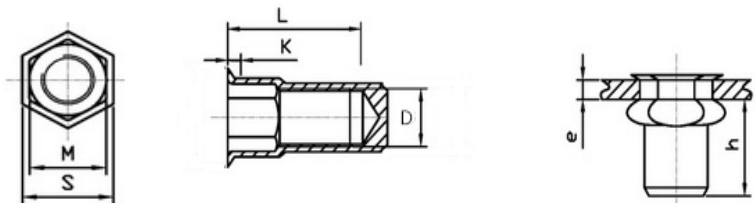
产品规格 SIZE	D	铆接厚度 e	铆后长度 h	母孔对边M1 +0.15 +0.05	M -0.03 -0.20	dk ±0.30	K ±0.20	L ±0.30
KD-PL-M4B	M4	0.5~2.0	12.5	6	6	9	0.8	17.3
KD-PL-M5B	M5	0.5~2.5	13.5	7	7	10	1	19.5
KD-PL-M6B	M6	0.5~3.0	17.5	9	9	13	1.5	24.3
KD-PL-M8B	M8	0.5~3.5	20.5	11	11	15	1.5	28.0
KD-PL-M10B	M10	0.5~3.5	26.5	13	13	17	1.8	33.0

## 小头半六角盲孔铆螺母 THIN HEAD HALF HEX CLOSED END INSERT NUT



KD-XL	M4B	ZU
型号 TYPE	螺纹代号 THREAD CODE	镀层代号 FINISH CODE

### 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILIMETER(均以MM为单位)

产品规格 SIZE	D	铆接厚度 e	铆后长度 h	母孔对边M1 +0.15 +0.05	M -0.03 -0.20	S ±0.30	K ±0.20	L ±0.30
KD-XL-M4B	M4	0.5~2.0	16.5	6	6	7.0	0.5	16.5
KD-XL-M5B	M5	0.5~2.5	18.5	7	7	8.0	0.6	18.5
KD-XL-M6B	M6	0.5~3.0	23.0	9	9	10.0	0.6	23.0
KD-XL-M8B	M8	0.5~3.5	26.5	11	11	12.3	0.6	26.5
KD-XL-M10B	M10	0.5~3.5	33.0	13	13	14.5	0.8	33.0

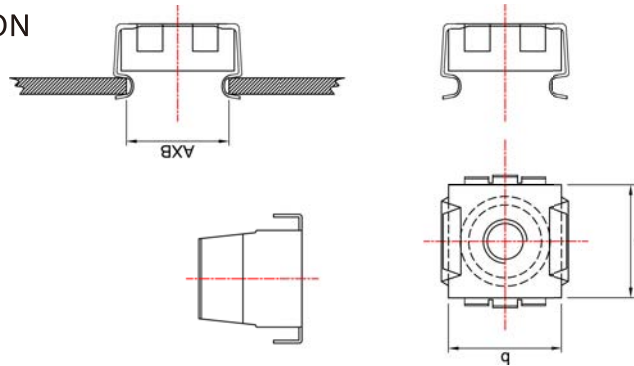
### 拉铆螺母产品说明：

1. 铆螺母常用材质是碳钢镀锌和304不锈钢且为公制螺纹。
2. 304不锈钢铆螺母的型号代号为KDS。
3. 对铝制铆螺母及英制螺纹有需要的，请来电咨询我司业务人员。

## 卡式螺母 CASSETTING NUTS



### 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILIMETER(均以MM为单位)

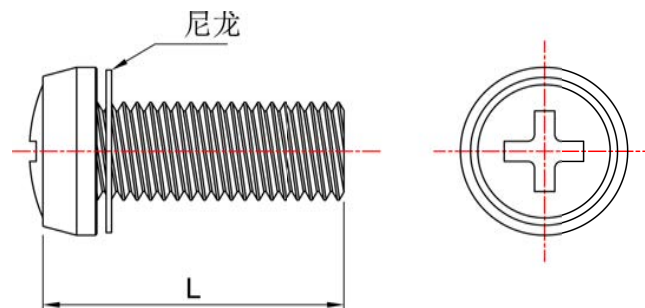
注意: 碳钢产品默认镀环保蓝白锌, 其他电镀需注明。

螺纹码 Thred Code	型号Type			螺母对比尺寸 (a×b)	板材厚度 Z	板材孔径 A×B Hole Size In	
	全碳钢	外表不锈钢 螺母碳钢	全不锈钢				
M4	KM	KMS/SS	KMS	10×10	0.8-3.5	8.2×8.2	
M5							
M6							
M4	KM	KMS/SS	KMS	11×11	0.8-3.5	9.5×9.5	
M5							
M6							
M8	KM	KMS/SS	KMS	14×14	1-3.5	12.5×12.5	
M10							

## 皇冠螺钉 CROWN STUDS



### 安装方法 INSTALLATION



ALL DIMENSIONS ARE IN MILIMETER(均以MM为单位)

METRIC (公制)	螺纹尺寸×螺距 Thread SidexPitch	型号Type		螺纹码 Thread Code	L±0.4		
		碳钢镀锌	全不锈钢				
	M4×0.7	KHG	KHGS	M4	17	20	25
	M5×0.8	KHG	KHGS	M5	17	20	25
	M6×1	KHG	KHGS	M6	17	20	25

## 焊接紧固件 WELDING FASTENERS

通过瞬间强电流将焊接螺钉及焊接螺母牢固焊接在金属表面上的一种工艺

### 1.焊接螺钉

A) 按材质主要分：铝合金、碳钢镀铜、不锈钢；

B) 按焊接类型分：储能焊钉、激光焊钉、八点焊钉、拉弧焊钉；

### 2.焊接螺母

A) 按材质主要分：碳钢、不锈钢；

B) 四角外焊接、四角直焊接、六角直焊接。

A technology using special equipments welds the studs and nuts into the metal surface firmly by instantaneous strong electric current.

### 1 Welding Studs

A) Classify by material: aluminium, carbon steel copper, stainless steel.

B) Classify by welding methods: stored energy welding, laser welding, Eight spot welding nail pull arc welding nail.

### 2) Welding Nuts

A) Classify by material: carbon steel, stainless steel;

B) Classify by welding method :square weld nuts, hexagon weld nuts;

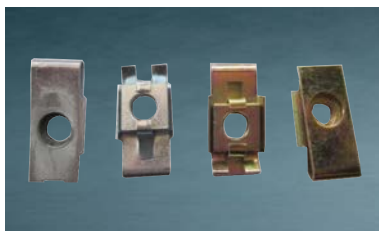




## 其它紧固件 OTHER FASTENERS

抽芯铆钉、拉丝铆钉、环槽铆钉、快速连续空心铆钉、有尾和无尾钢丝螺套、插销螺套、M2以下微型螺丝、普通标准件等。

Core Pulling Rivet, Wire-drawing Rivet, ring studs, steel studs, briv-chobert, steel bolt screw set, Miniature screws within Dia. M2, and normal standard parts.

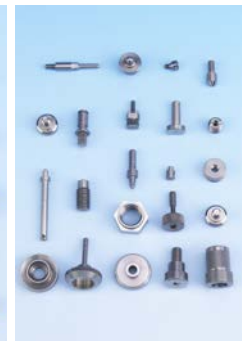
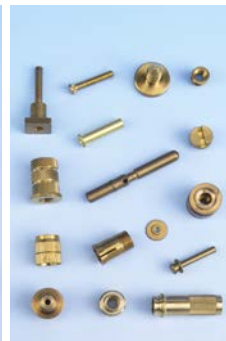




## 非标加工件 NON-STANDARD FASTENERS

可根据客户的要求，利用自动车床、CNC电脑车床及多工位冷镦机等加工设备定制生产各种车削、冷镦及冲压加工件等。

According to customers' drawing, we specialized in producing all kinds of turning pieces, cold heading processing pieces and metal stampings, using automatic lathe, CNC computer lathe and multi-station cold heading machine



## 塑料紧固配件 PLASTIC FASTENERS ACCESSORIES

为电路板的电子应用提供支撑、隔离、锁定和引导的塑料五金零件和配线产品。

主要有：配线器材、尼龙螺丝、尼龙铆钉、束线座、固定座、快速连接件、护线环、塞头、PC板间隔柱、LED间隔柱、脚垫、橡胶垫片等。

The Plastic Fasteners Accessories provide the technology of supporting,isolating,locking and guiding.

Main parts::Wiring equipment,nylon screws,nylon studs,wire bunching seat,fixed seat,quick connector,stopper head,PC support,LED spacer support,rubber foot,rubber washer,etc.





## 塑料紧固配件 PLASTIC FASTENERS ACCESSORIES

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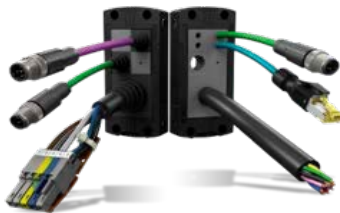
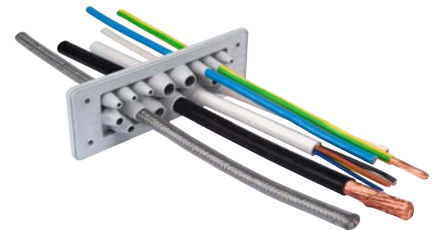
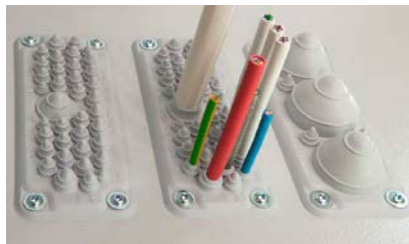
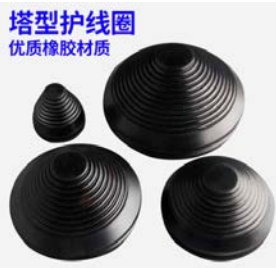
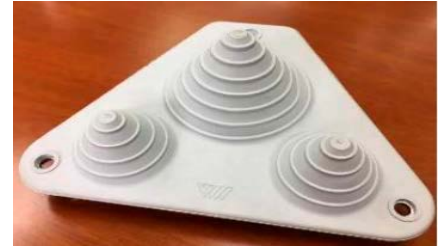
Main parts::Wiring equipment,nylon screws,nylon studs,wire bunching seat,fixed seat,quick connector,stopper head,PC support,LED spacer support,rubber foot,rubber washer,etc.



## 线缆密封 CABLE SEALING

线缆密封方案已成为行业标准,产品规格多种多样。可依据客户需求的专业化OEM定制服务,以满足大规模或极其特别的应用场景。

The cable sealing scheme has become the industry standard, with a variety of product specifications. Customized OEM services can be customized according to customer needs to meet large-scale or extremely special application scenarios.





## 密封胶条 SEALING RUBBER STRIP

我们用弹性橡胶和热塑性橡胶的挤出机生产高品质的密封条。

1、材料包括：天然橡胶（NCR）、三元乙丙（EPDM）、氯丁橡胶（CR）、PVC等；

2、产品分为：自夹紧式胶条、自粘式密封条、棱边保护胶条、玻璃嵌条等；

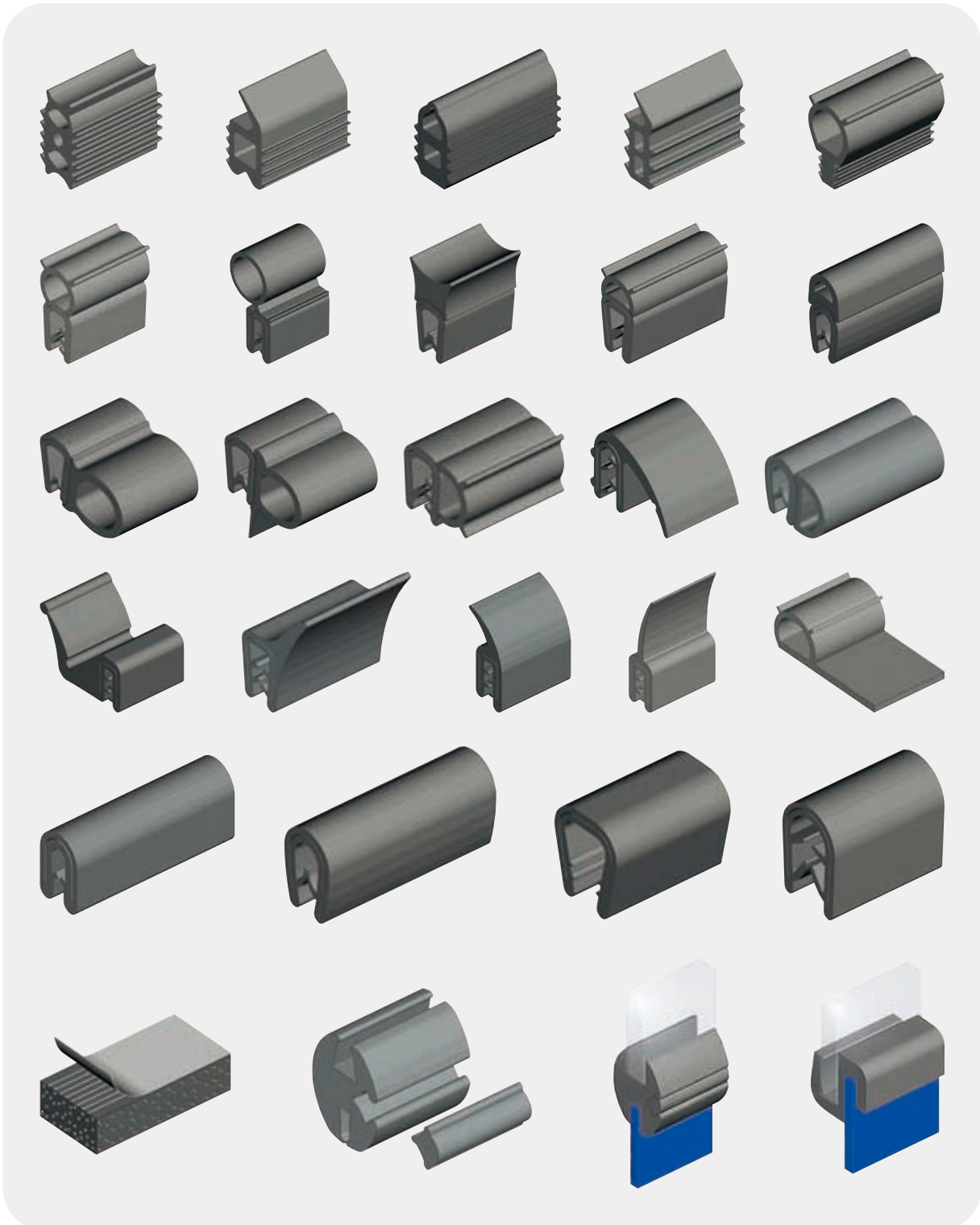
可为客户解决耐高低温、高抗老化性、阻燃及减少有害物质等特殊要求的密封胶条。

We use elastic rubber and thermoplastic extruding machine to product Sealing Rubber Strip with high quality.

We can offer customers Sealing Rubber Strips with special needs,like stand the low or high temperature, flame retardant,or reducing harmful materials.

1、Materials:natural rubber(NCR),EPDM,chloroprene rubber(CR),PVC,etc.

2、Parts:Clamping rubber strip,Adhesive sealing rubber strip,edge protecting strip,glass embedding strip,etc.



## 精密滚珠滑轨 PRECISE BALL BEARING SLIDES

提供代工厂的各类特殊精密滚珠滑轨：

长度：从最短200MM长到最长可达1500MM（8” —60”）；

承重：滑轨的单副承重从十几公斤到几百公斤；

各种常用功能：可为客户提供可拆卸、拉出、推进的定位或自锁功能；

各种特殊滑轨：

1、304材质的不锈钢滑轨；

2、可承受500H的高耐腐蚀碳钢滑轨；

3、承重200KG左右、500KG左右、1000KG以上的超重滑轨；

4、厚度在10MM以内的超薄滑轨、按压弹出的反弹滑轨、自闭式的阻尼滑轨等。

We offer all types of Precise Ball Bearing Slides with special function to agents.

Length:200MM-1500MM（8”—60”）

Stand Weight:one Ball Bearing Slide can stand more than hundreds of kilograms

Common functions:disassembling,the locking of pulling in and pushing out;

Special Ball Bearing Slides:

1、304 stainless steel Ball Bearing Slides;

2、500H high corrosion resistance carbon steel Ball Bearing Slides;

3、Overweight Ball Bearing Slides which can stand more than 200KG,500KG,1000KG;

4、Ball Bearing Slides as thin as 10MM;Rebound Ball Bearing Slides and damping Ball Bearing Slides



## 小五金配件产品 PRECISE HARDWARE

**改装车辆专用小五金：**为各种厢式货车、冷藏车、工程车、特种车辆等改装车辆提供专业代工厂的车身配件。

产品包括：门锁、门铰链、门阻、搭扣、罗兰、护栏、拉紧器、减震块、卧环等。

**Vehicles modification hardware:** provide Vehicles hardware for all kinds of vans, refrigerator cars, engineering vehicles, and other special vehicles.

Main parts: Lock, hinge, door holdback, buckle, roller, protection rail, tightener, rubber buffer, and ring, etc.





## 小五金配件产品 PRECISE HARDWARE

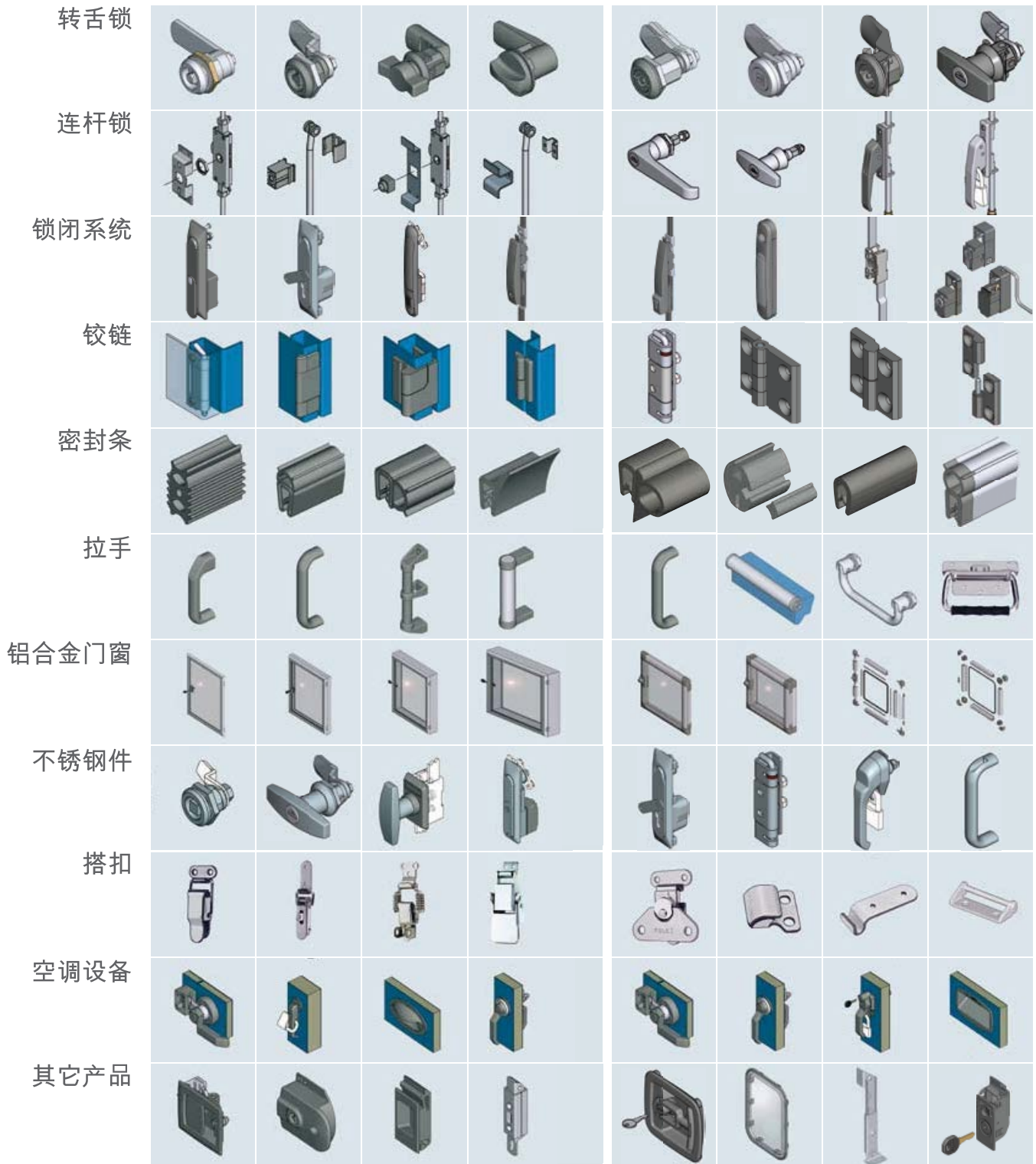
**通用小五金：**提供代工厂高性能的各种转舌锁、手柄锁、铰链、拉手、搭扣、碰珠、门吸、脚轮、支撑杆及其它小五金，以满足钣金上所需的各种连接方式。

**Common hardware:** Pawl/cam Action Latches, Handling Latches, Hinges, Pulls, Hasp, Magnetic Suction, Touch Beads, Supporting Rod, Casters and other more precise hardware.



凭借模数化系列产品和独特的生产优势, 爱姆卡成为机箱机柜工业的全球性领先供应商。

As a global supplier, EMKA has emerged as the world leader in the development, engineering and design of modular closing systems for industrial sheet metal and composite enclosures, cabinets, panels and switch gears.

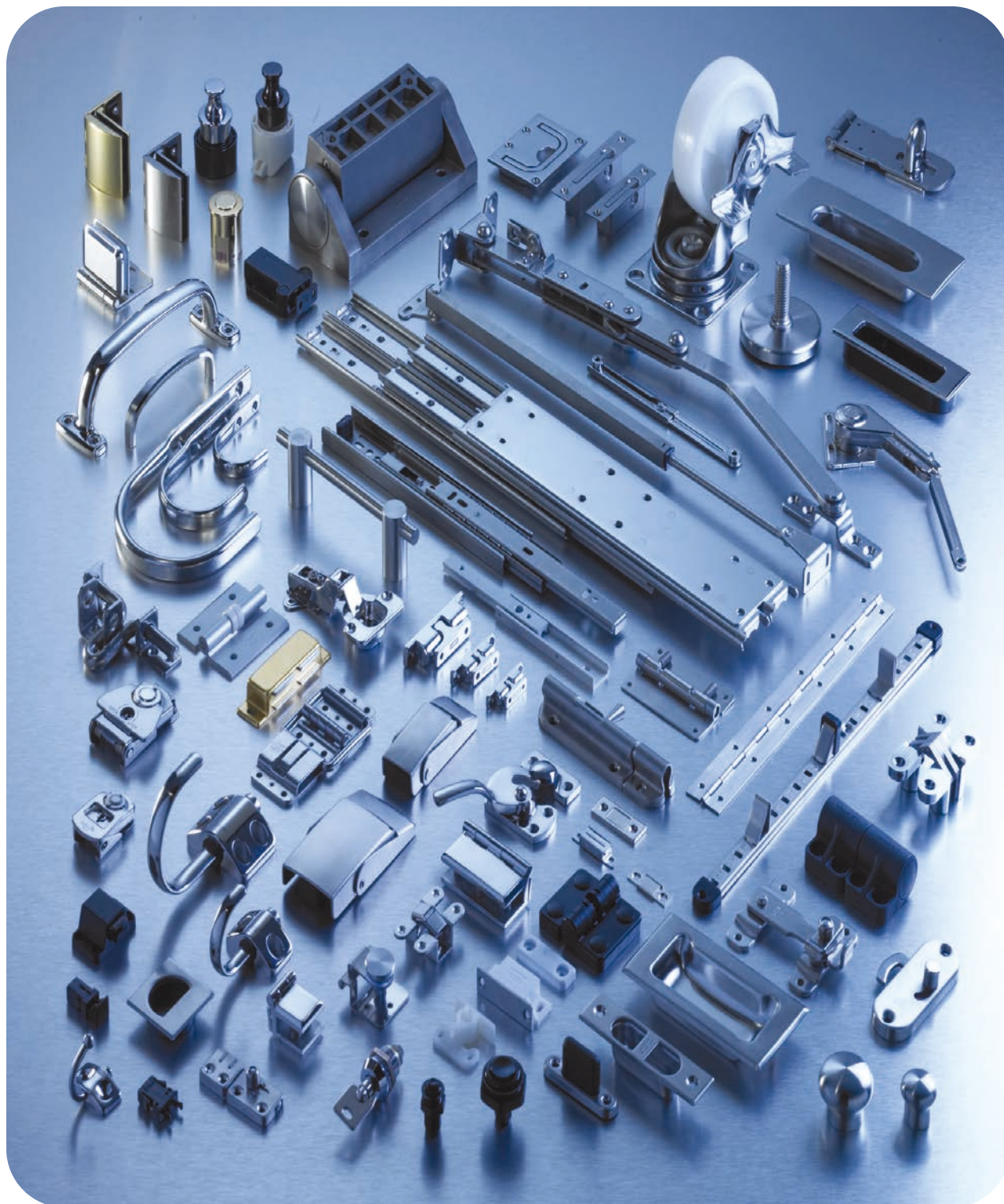




# LAMP®

世嘉智尼是全球领先的五金配件制造商，公司以精巧创新的设计和细致入微的加工，为您提供优质产品。

SUGATSUNE, one of the biggest leading manufacturers for hardware in the global. SUGATSUNE provide you quality products with ingenious and initiative design and product.



# Accuride®

全球最大的精密滚珠滑轨设计及制造商，雅固拉滑轨已成为平顺、静音、坚固滑轨的代名词。

The Largest company dedicated exclusively to the desian and manufacture of precision slide products in the world. Accuride slides are the industry benchmark for smoothness, slience, and strength.



## 强大的设计能力及全球研发支持

全球拥有100多位工程及设计工程师；  
提供灵活的定制化产品；  
产品设计的行业先锋；  
全球拥有数百项创新设计专利

## 杰出的制造工艺和及时交货能力

全程自主制造；  
模具设计，辊扎，切割，电泳均在苏州工厂一体化运作；  
独特的滚压成形技术；  
标准生产周期为四周，准时交货率达99%

## 严格的质量体系和质量控制

拥有同行业最大的专业综合测试实验室；  
测试要求高于ANSI和其他机构；  
全球工厂都通过ISO 9001 or ISO/TS 16949认证；  
提供客户测试服务

## 高标准的测试

静载测试：分为电子外围设备静载测试和其它产品静载测试  
盐雾试验：分为中性盐雾试验、醋酸盐雾试验和交变盐雾试验  
寿命测试：分为循环测试、电子外围设备循环测试和内审循环测试静载测试

## 雅固拉产品OEM应用领域



家电

IT服务器

汽车

办公设备

ATM  
&  
自动售机

橱柜



全球知名五金品牌，已成为能够提供品种最全、质量最好的工程介入紧固件及锁定机构的供应商。

Southco, A well-known Hardware Brand in the world, a supplier has the most complete varieties and the best quality engineering intervention fasteners and locking systems.



# Corollary equipment 配套工具

拉铆螺母工具      螺柱焊机      压铆设备  
Riveting nut Tools, Welding Machine of Threaded Standoffs, Self-Clinching equipments

