

THANKTECH



Self-clinching standoff Catalogues

www.thank-tech.com

Company profile

A manufacturing factory



ThankTech Co., Ltd is a professional manufacturer of precision hardware accessories. Its products are mainly used in home appliances, automobiles and motor vehicles, communication equipment, printers, bank ATM smart terminals, fingerprint locks and other fields.

Since our inception, the company has possessed a group of professional production and technical personnel. In the development process, it pays special attention to product quality and technological level, and uses management ideas such as ISO9000, TS16949, TQM and so on. The company takes technology as the forerunner, provide technical consultation, design and modification of various product manufacturing according to the needs of different customers, provide customers with technical services such as the best solution.

According to development needs, the company has purchased a large number of high-precision manufacturing equipment, such as CNC lathes, CNC milling machines, CNC grinders and precision presses etc. The company has always been adhering to science and technology, relying on first-class technology, first-class products, first-class service to promote the development of the hardware market, strive to keep pace with the international advanced level.

ThankTech Co is willing to develop a wide range of substantial win-win cooperation in various fields with various hardware manufacturers or sellers all over the world.



Production Capability

The most complete equipment



Automatic Lathe



CNC Lathe



Stamping equipment



Screw Machine



Precision Grinding machine



Ultraprecision Machining

Auto Lathe turning: OD Φ 0.5-20mm / Tolerance ± 0.01 mm

CNC Lathe turning: OD Φ 0.5-250mm / Tolerance ± 0.005 mm

CNC Milling: 800x600mm (LxW) / Tolerance ± 0.05 mm

Grinding: Tolerance ± 0.002 mm

Screw heading & rolling: Metric M0.8-M36 /
Unified Imperial #0-2"

Stamping: 1200T max

Quality Control

Attitude is everything



ThankTech has advanced quality control systems and testing equipment, it able to achieve quality control goals from raw materials to finished products, from IOC to PQC to OQC, in accordance with a complete quality system

IQC → **PQC** → **OQC** → **QA**



Projector



Coating Analyzer



CMM



Pull Tester



Salt Spray tester



Durometer



Tensile Machine



Automatic Optic Inspector

Tables of contents

Standard parts & OEM parts



Standard parts



Captive panel screw



Self clinching nut



Self clinching standoff



Self clinching studs



hex standoff spacer

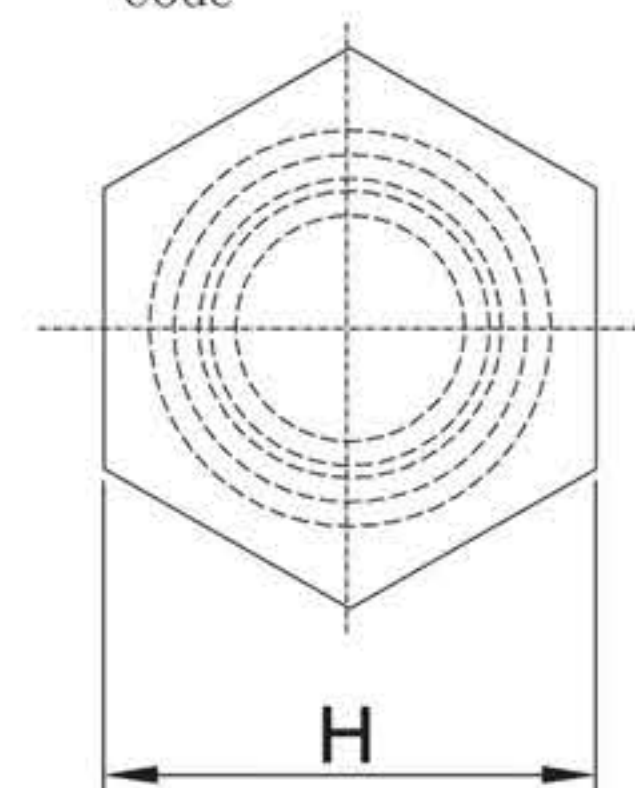
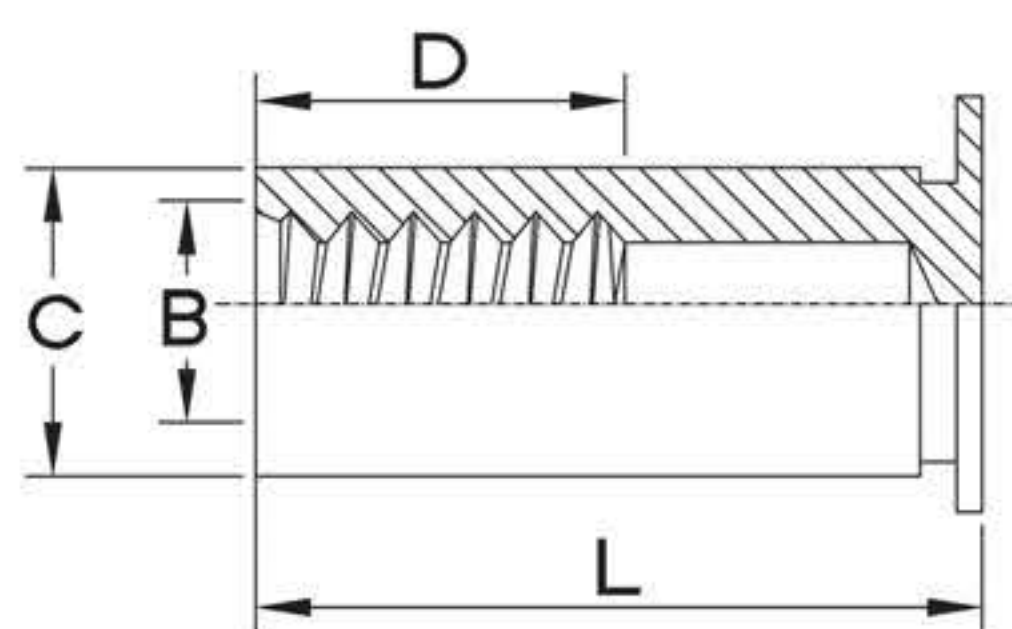


Brass insert nut



CNC

压铆螺柱 STANDOFFS



BS0 - 832 - 12
 ↓ ↓ ↓
 Type Thread Code Length Code

(Clinching profile may vary)

All dimensions are in inches

UNIFEED (英制)	螺纹码 Thread Code	最小板厚 Min. Sheet Thick-ness	安装孔 Hole Size in Sheet +.003 -.005	C +.000 -.005	H Nom.	最小边距 Min. Dist Hole C/L TO Edge
	440	.040	.166	.165	.187	.23
	6440	.040	.213	.212	.25	.27
	632	.040	.213	.212	.25	.27
	8632	.050	.281	.28	.312	.31
	832	.050	.281	.28	.312	.31
	32	.050	.281	.28	.312	.31

All dimensions are in millimeters.

METRIC (公制)	螺纹码 Thread Code	最小板厚 Min. Sheet Thick- ness	安装孔 Hole Size in Sheet +0.08	C -0.13	H Nom.	最小边距 Min. Dist Hole C/L TO Edge
	M3	1	4.22	4.2	4.8	6
	3.5M3	1	5.41	5.39	6.4	6.8
	M3.5	1	5.41	5.39	6.4	6.8
	M4	1.27	7.14	7.12	7.9	8
	M5	1.27	7.14	7.12	7.9	8

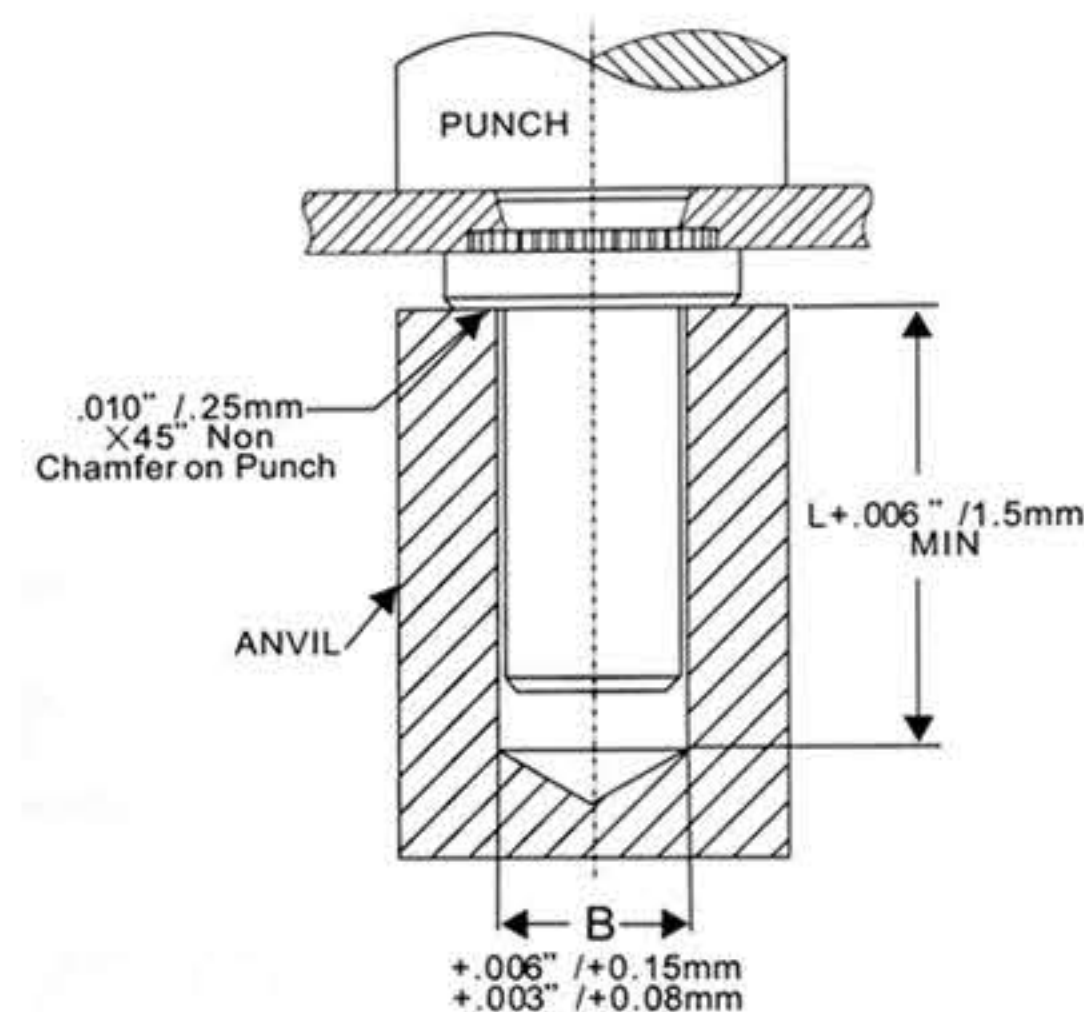
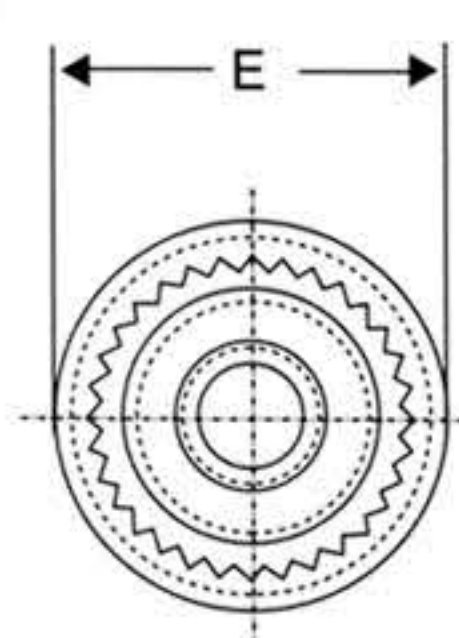
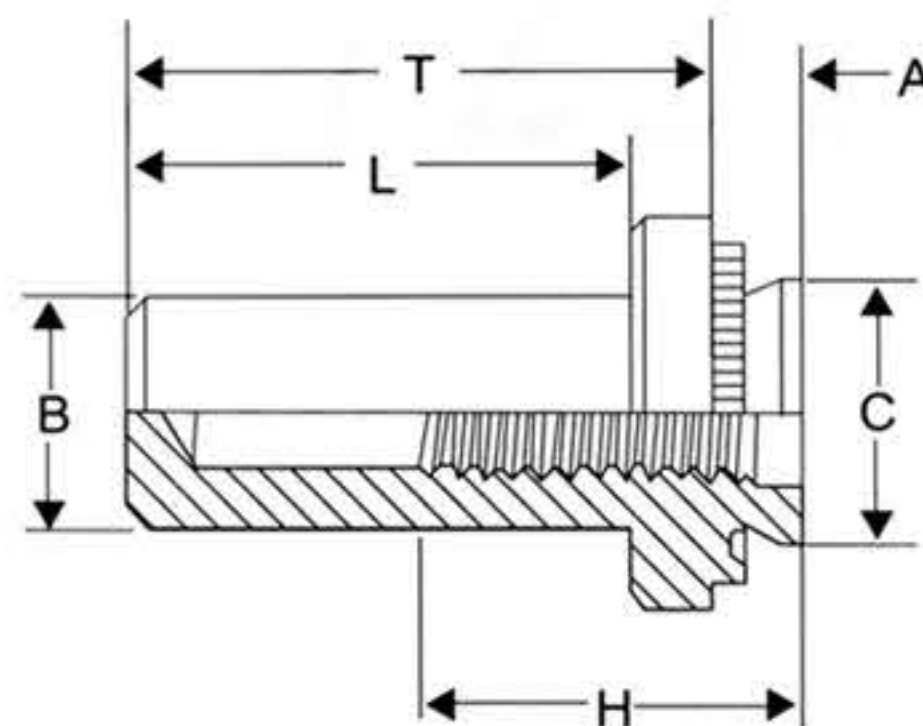
All dimensions are in inches

UNIFEED (英制)	螺纹尺寸 Thread Size	型号TYPE			螺纹码 Thread Code	长度码 Length "L" +.002 -.005 (Length Code in 32nds of an inch)												
		钢 Steel	不锈钢 Stainless	铝 Aluminum		.312	.375	.437	.500	.562	.625	.687	.750	.812	.875	.937	1.00	1.062
	.112-40 (#4-40)	BS0	BS0S	BS0A	440 6440	10	12	14	16	18	20	22	24	26	28	30	32	34
	.138-32 (#6-32)	BS0	BS0S	BS0A	632 8632	10	12	14	16	18	20	22	24	26	28	30	32	34
	.164-32 (#8-32)	BS0	BS0S	BS0A	832	10	12	14	16	18	20	22	24	26	28	30	32	34
.190-32 (#10-32)	BS0	BS0S	BS0A	32	10	12	14	16	18	20	22	24	26	28	30	32	34	
F Dimension Min.					.156		.187	.250			.375							

All dimensions are in millimeters.

METRIC (公制)	螺纹尺寸 Thread Size	型号TYPE			螺纹码 Thread Code	长度码 Length "L" +.002 -.005 (Length Code in 32nds of an inch)									
		钢 Steel	不锈钢 Stainless	铝 Aluminum											
	M3×0.5	BS0	BSOS	BSOA	M3	6	8	10	12	14	16	18	20	22	25
					3.5M3										
	M3.5×0.6	BS0	BSOS	BSOA	M3.5	6	8	10	12	14	16	18	20	22	25
	M4×0.7	BS0	BSOS	BSOA	M4	6	8	10	12	14	16	18	20	22	25
	M5×0.8	BS0	BSOS	BSOA	M5	6	8	10	12	14	16	18	20	22	25
F Dimension Min.					3.2	4		5	6.5		9.5				

Part Number Designation



All dimensions are in inches.

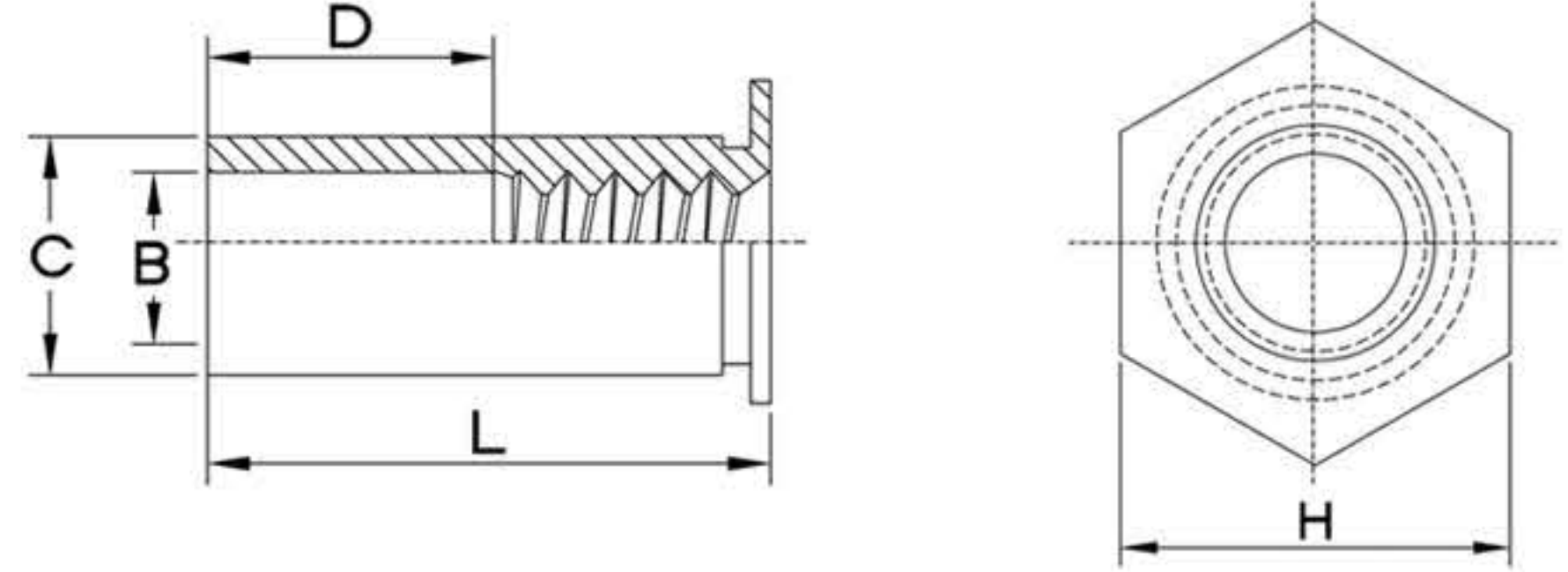
UNIFIED (英制)	螺纹尺寸 Thread size	型号 Type		螺纹码 Thread code	底端码 Shank code	A (Shank) Max.	最小板厚 Min sheet thickness	安装孔 Mounting hole Dia. +.003 -.000	Shank diameter B Max.	Barrel diameter C Max.	E ±.010	Min. depth full threads H	L Max.	T ±.010	最小边距 Min. dist. hole C/L to Edge
		钢 Steel	不锈钢 Stainless steel												
	.112-40 (#4-40)	B	BS	440	1	.038	.040	.165	.150	.165	.25	.213	.335	.38	.19
					2	.054	.056								
	.138-32 (#6-32)	B	BS	632	1	.038	.040	.1875	.169	.187	.28	.23	.335	.38	.22
					2	.054	.056								
	.164-32 (#8-32)	B	BS	832	1	.038	.040	.213	.204	.212	.31	.28	.385	.44	.27
					2	.054	.056								
	.190-32 (#10-32)	B	BS	032	1	.038	.040	.250	.235	.249	.34	.28	.385	.44	.28
					2	.054	.056								
	.250-20 (1/4-20)	B	BS	0432	1	.054	.056	.344	.305	.343	.43	.31	.500	.56	.34
					2	.087	.090								

All dimensions are in Millimeters.

METRIC (公制)	螺纹尺寸 Thread size	型号 Type		螺纹码 Thread code	底端码 Shank code	A (Shank) Max.	最小板厚 Min sheet thickness	安装孔 Mounting hole Dia. +.003 -.000	Barrel diameter B Max.	Barrel diameter C Max.	E ±.010	Min. depth full threads H	L Max.	T ±.010	最小边距 Min. dist. hole C/L to Edge
		钢 Steel	不锈钢 Stainless steel												
	M3x0.5	B	BS	M3	1	0.97	1	4.25	3.84	4.22	6.35	5.3	8.5	9.6	4.8
					2	1.38	1.4								
	M4x0.7	B	BS	M4	1	0.97	1	5.4	5.2	5.38	7.95	7.1	9.8	11.2	6.9
					2	1.38	1.4								
	M5x0.8	B	BS	M5	1	0.97	1	6.4	6.02	6.38	8.75	7.1	9.8	11.2	7.1
					2	1.38	1.4								
	M6x1.0	B	BS	M6	1	1.38	1.4	8.75	7.8	8.72	11.1	7.8	12.7	14.3	8.6
					2	2.21	2.3								

通孔压铆螺柱 STANDOFFS

S0 - 832 - 12
 ↓ ↓ ↓
 Type Thread Length
 Code Code



(Clinching profile may vary)

All dimensions are in inches

UNIFED (英制)	螺纹码 Thread Code	最小板厚 Min. Sheet Thick- ness	安装孔 Hole Size in Sheet + .003 - .000	B Counter Bore Dia ± .005	C + .000 - .005	H Nom.	最小边距 Min. Dist Hole C/L TO Edge	D ± .010
	440	.040	.166	.125	.165	.187	.23	Varies according to length charts below.
	6440	.040	.213	.125	.212	.25	.27	
	632	.040	.213	.156	.212	.25	.27	
	8632	.050	.281	.156	.28	.312	.31	
	832	.050	.281	.188	.28	.312	.31	
	32	.050	.281	.203	.28	.312	.31	

All dimensions are in millimeters.

METRIC (公制)	螺纹码 Thread Code	最小板厚 Min. Sheet Thick- ness	安装孔 Hole Size in Sheet +0.08	B Counter Bore Dia ±0.13	C -0.13	H Nom.	最小边距 Min. Dist Hole C/L TO Edge	D ±0.25
	M3	1	4.22	3.2	4.2	4.8	6	Varies according to length charts below.
	3.5M3	1	5.41	3.2	5.39	6.4	6.8	
	M3.5	1	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	

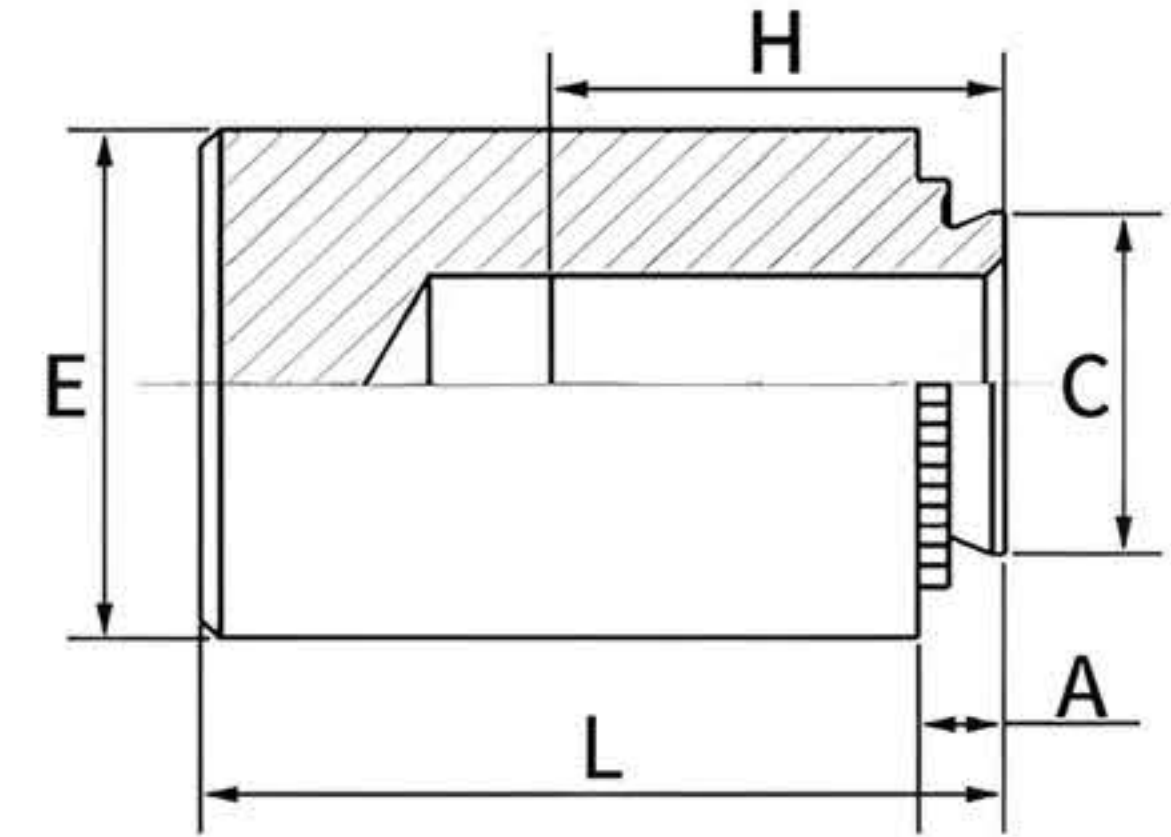
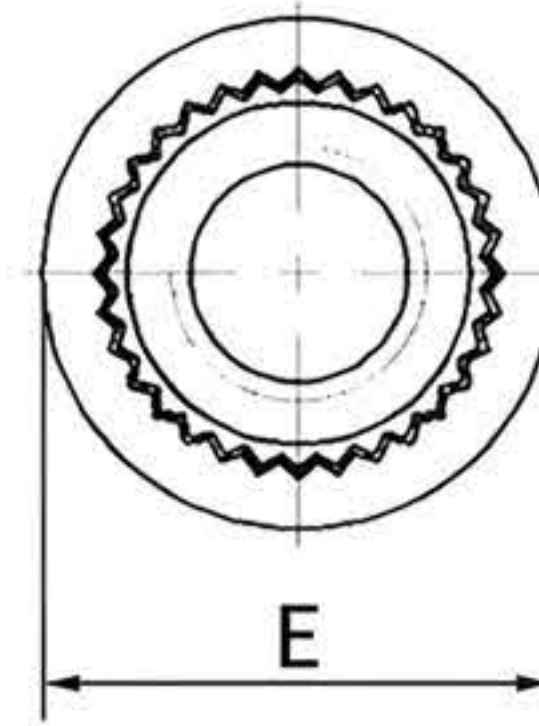
All dimensions are in inches

UNIFED (英制)	螺纹尺寸 Thread Size	型号TYPE			螺纹码 Thread Code	长度码 Length "L" + .002 -.005 (Length Code in 32nds of an inch)															
		钢 Steel	不锈钢 Stainless	铝 Aluminum		.125	.187	.250	.312	.375	.437	.500	.562	.625	.687	.750	.812	.875	.937	1.00	1.062
	.112-40 (#4-40)	SO	SOS	SOA	440 6440	4	6	8	10	12	14	16	18	20	22	24	N/A	N/A	N/A	N/A	N/A
	.138-32 (#6-32)	SO	SOS	SOA	632 8632	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34
	.164-32 (#8-32)	SO	SOS	SOA	832	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34
.190-32 (#10-32)	SO	SOS	SOA	32	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	
F Dimension ±.010					None				.187				.312				.437				

All dimensions are in millimeters.

METRIC (公制)	螺纹尺寸 Thread Size	型号TYPE			螺纹码 Thread Code	长度码 Length~L"+.002 -.005 (Length Code in 32nds of an inch)											
		钢 Steel	不锈钢 Stainless	铝 Aluminum													
	M3×0.5	BSO	BSOS	BSOA	M3	3	4	6	8	10	12	14	16	18	N/A	N/A	N/A
					3.5M3												
	M3.5×0.6	BSO	BSOS	BSOA	M3.5	3	4	6	8	10	12	14	16	18	20	22	25
	M4×0.7	BSO	BSOS	BSOA	M4	3	4	6	8	10	12	14	16	18	20	22	25
	M5×0.8	BSO	BSOS	BSOA	M5	3	4	6	8	10	12	14	16	18	20	22	25
	F Dimension Min.					None			4			8			11		

Part Number Designation



All dimensions are in Millimeters.

METRIC(公制)	螺纹尺寸 Thread size	型号 Type 不锈钢 Stainless steel	螺纹码 Thread code	底端码 Shank code	A (Shank) Max.	最小板厚 Min sheet thickness	安装孔 Mounting hole Dia. ±0.08	C Max.	E ±0.25	L ±0.25	T ±0.10	H Min.	最小边距 Min. dist. hole C/L to Edge
	M3x0.5	BSS	M3	0	0.77	0.8-1	4.25	4.22	6.35	10	1.1	5.3	4.8
				1	0.97	1.0							
				2	1.38	1.4							
	M4x0.7	BSS	M4	0	0.77	1.8-1	5.4	5.38	7.95	10	1.4	7.1	6.9
				1	0.97	1.0							
				2	1.38	1.4							
	M5x0.8	BSS	M5	0	0.77	0.8-1	6.4	6.38	8.75	10	1.4	7.1	7.1
				1	0.97	1.0							
				2	1.38	1.4							
	M6x1.0	BSS	M6	0	1.15	1.2	8.75	8.72	11.1	10	1.5	6.3	8.6
				1	1.38	1.4							
				2	2.21	2.3							
	M8x1.25	BSS	M8	1	1.38	1.4	10.5	10.47	12.65	16	2	10	9.7
				2	2.21	2.3				20		14	
	M12x1.75	BSS	M10	2	1.95	2	14.1	14.1	17	20	3	14	10.8
										30		24	

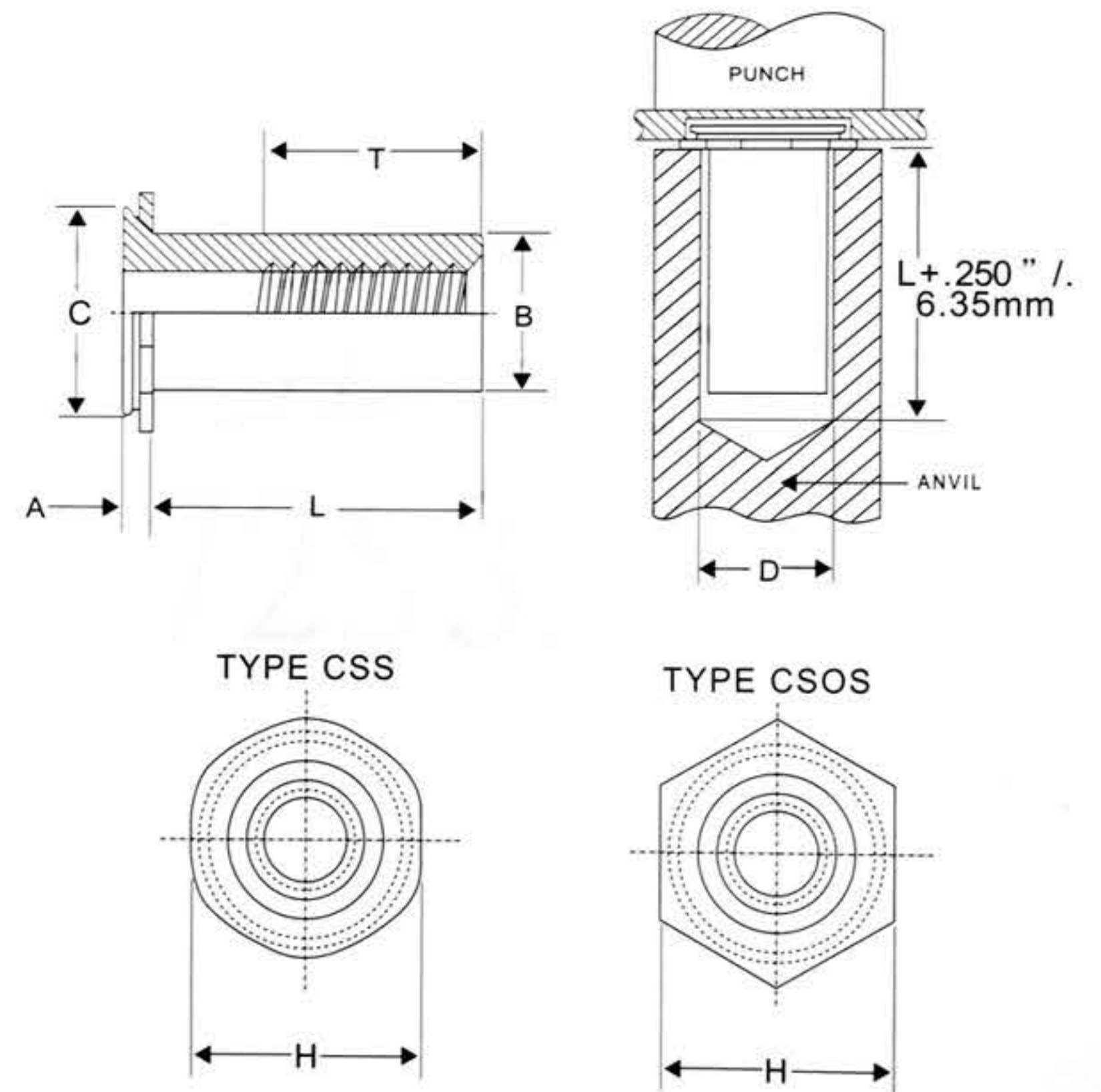
Part Number Designation

CSS - 632 - 6

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Type and Thread Length

Material Code Code



All dimensions are in inches.

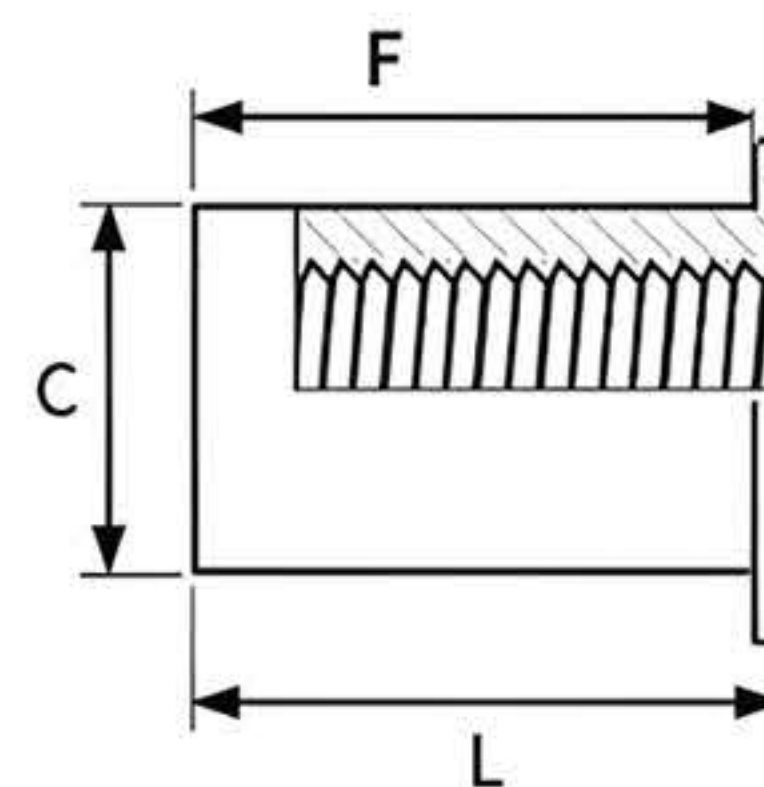
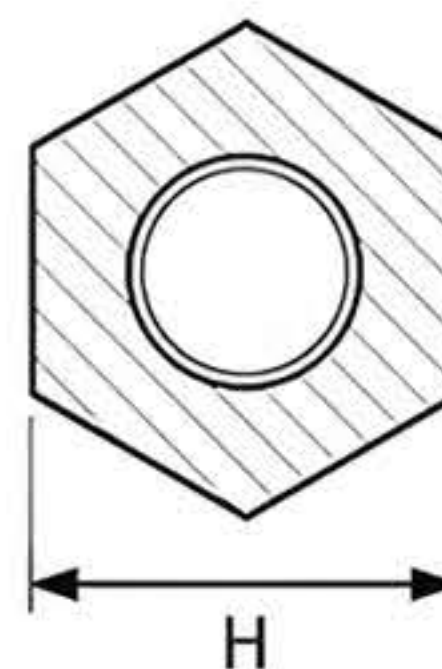
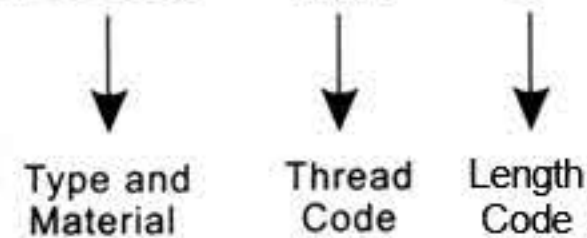
UNIFIED (英制)	螺纹尺寸 Thread size	型号 Type	螺纹码 Thread code	长度码 Length Code "L" ±0.15 (Length code is in 16ths of an inch)								最小板厚 Min sheet thickness	安装孔 Mounting hole Dia. +.003 -.000	最小安装孔深 Min. depth of blind hole (1)	螺纹深度 Min. depth full thread F	A Max.	B Max.	C Max.	H Nom.	最小边距 Min. dist. hole C/L to Edge
		不锈钢 Stainless steel		.187	.250	.312	.375	.500	.625	.750	1.00									
	.112-40 (#4-40)	CSS	440	3	4	5	6	8	10	12	16	.062	.213	.043	.188	.041	.165	.212	.250	.188
		CSOS										.093		.075		.072				
	.138-32 (#6-32)	CSS	632	3	4	5	6	8	10	12	16	.062	.290	.043	.250	.041	.213	.289	.312	.219
		CSOS										.093		.075		.072				
	.164-32 (#8-32)	CSS	832	3	4	5	6	8	10	12	16	.062	.312	.043	.250	.041	.245	.311	.344	.250
		CSOS										.093		.075		.072				
	.190-32 (#10-32)	CSS	032	3	4	5	6	8	10	12	16	.062	.344	.043	.375	.041	.290	.343	.375	.281
		CSOS										.093		.075		.072				
	.250-20 (1/4-20)	CSS	0432	3	4	5	6	8	10	12	16	.062	.390	.043	.375	.041	.354	.389	.438	.375
		CSOS										.093		.075		.072				

All dimensions are in Millimeters.

METRIC (公制)	螺纹尺寸 x 螺距 Thread size x Pitch	型号 Type	螺纹码 Thread code	长度码 Length Code "L" ±0.15 (Length code is in 16ths of an inch)								最小板厚 Min sheet thickness	安装孔 Mounting hole Dia. +.003 -.000	最小安装孔深 Min. depth of blind hole (1)	螺纹深度 Min. depth full thread F	A Max.	B Max.	C Max.	H Nom.	最小边距 Min. dist. hole C/L to Edge
		不锈钢 Stainless steel																		
	M3x0.5	CSS	M3	4	6	8	10	12	16	20	25	1.6	5.41	1.1	5	1.04	4.2	5.39	6.35	4.8
		CSOS										2.4		1.91		1.83				
	M4x0.7	CSS	M4	4	6	8	10	12	16	20	25	1.6	7.92	1.1	6.5	1.04	6.23	7.9	8.74	6.4
		CSOS										2.4		1.91		1.83				
	M5x0.8	CSS	M5	4	6	8	10	12	16	20	25	1.6	8.74	1.1	9.6	1.04	7.37	8.72	9.53	7.2
		CSOS										2.4		1.91		1.83				
	M6x1.0	CSOS	M6	4	6	8	10	12	16	20	25	2.4	9.9	1.91	9.6	1.83	9	9.89	11.11	9.5

Part Number Designation

TBSOS - M3 - 8



All dimensions are in Millimeters.

METRIC(公制)	螺纹尺寸 Thread size	型号 Type			螺纹码 Thread code	最小板厚 Min sheet thickness	安装孔 Mounting hole Dia. ±0.08	C -0.13	H Min.	最小边距 Min. dist. hole C/L to Edge
		钢 Steel	不锈钢 Stainless steel	铝 Aluminum						
	M3x0.5	TBSO	TBSOS	TBSOA	M3	1.0	4.2	4.19	4.75	6.0
	M3.5x0.5	TBSO	TBSOS	TBSOA	M3.5	1.0	5.4	5.38	6.35	6.8
	M4x0.7	TBSO	TBSOS	TBSOA	M4	1.3	6.0	5.98	7.0	8.0
	M5x0.8	TBSO	TBSOS	TBSOA	M5	1.3	7.2	7.15	8.0	8.0
	M6x1.0	TBSO	TBSOS	TBSOA	M6	1.3	8.8	8.75	10.0	10.0



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THANK
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