

THANKTECH



Self-clinching screw
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

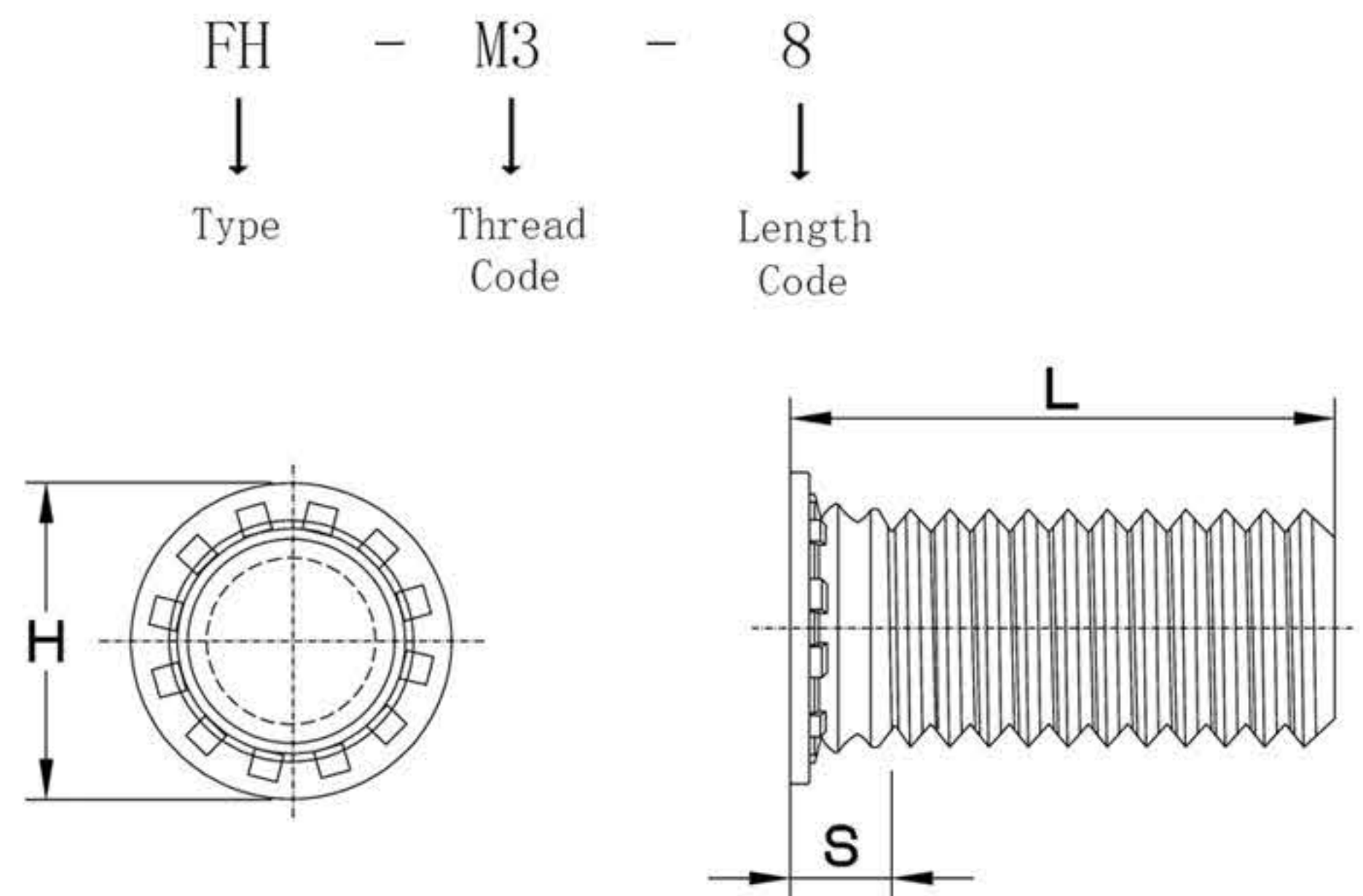


Brass insert nut



CNC

圆头压铆螺钉 ROUND HEAD STUDS



(Part Number Designation)

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)										最小板厚 Min. Sheet Thick- ness	安装孔 Hole Size in Sheet +.003 -.000	安装后最大接触孔 Max Holi in Attach Parts	H ±.015	S Max.	最小边距 Min. Dist Hole C/L TO Edge
	钢 Steel	不锈钢 Stainless	铝 Aluminum																	
					.250	.312	.375	.500	.625	.750	.875	1.00	1.25	1.50						
.086-56 (#2-56)	FH	FHS	FHA	256	4	5	6	8	10	12	N/A	N/A	N/A	N/A	.040	.085	.105	.144	.075	.187
.112-40 (#4-40)	FH	FHS	FHA	440	4	5	6	8	10	12	16	18	N/A	N/A	.040	.111	.135	.176	.085	.219
.138-32 (#6-32)	FH	FHS	FHA	632	4	5	6	8	10	12	16	18	20	22	.040	.137	.160	.206	.090	.250
.164-32 (#8-32)	FH	FHS	FHA	832	4	5	6	8	10	12	16	18	20	22	.040	.163	.185	.237	.090	.281
.190-24 (#10-24)	FH	FHS	FHA	024	N/A	5	6	8	10	12	14	16	20	24	.040	.189	.210	.256	.100	.281
.190-32 (#10-32)	FH	FHS	FHA	032	N/A	5	6	8	10	12	14	16	20	24	.040	.189	.210	.256	.100	.281
.250-20 (1/4-20)	FH	FHS	FHA	0420	N/A	N/A	6	8	10	12	14	16	20	24	.040	.249	.270	.337	.135	.312
.313-18 (5/16-18)	FH	FHS	FHA	0518	N/A	N/A	N/A	8	10	12	14	16	20	24	.040	.311	.333	.376	.160	.375

All dimensions are in millimeters.

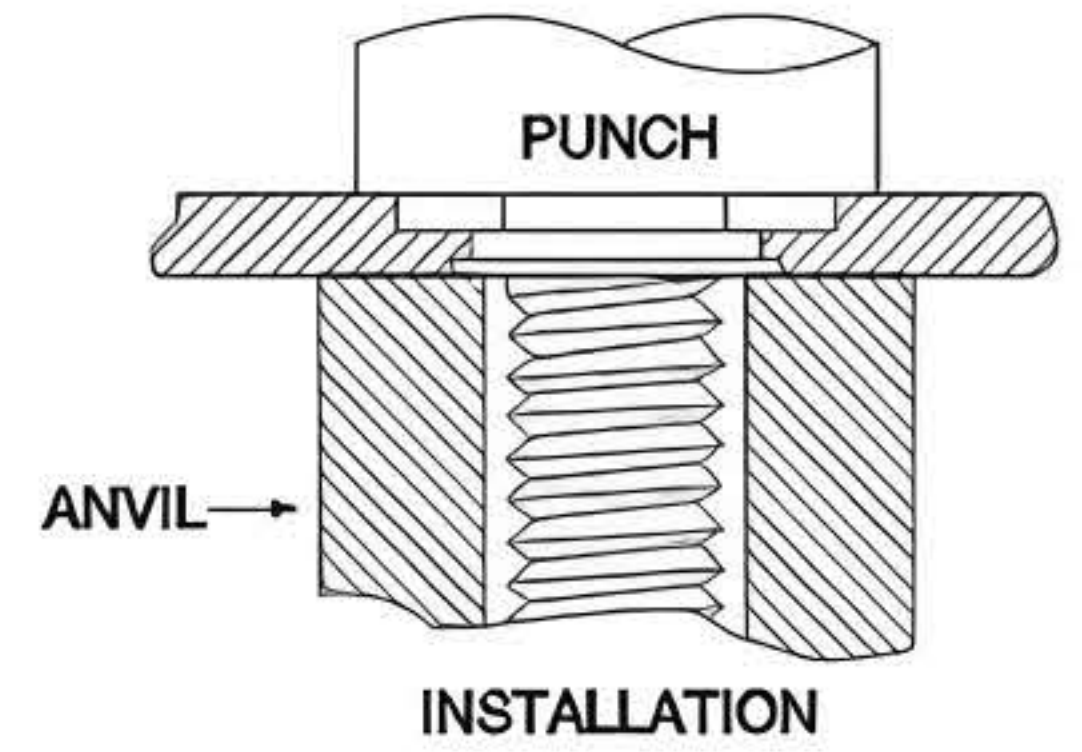
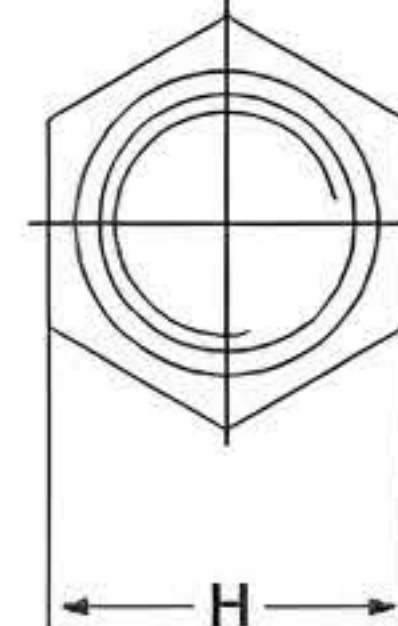
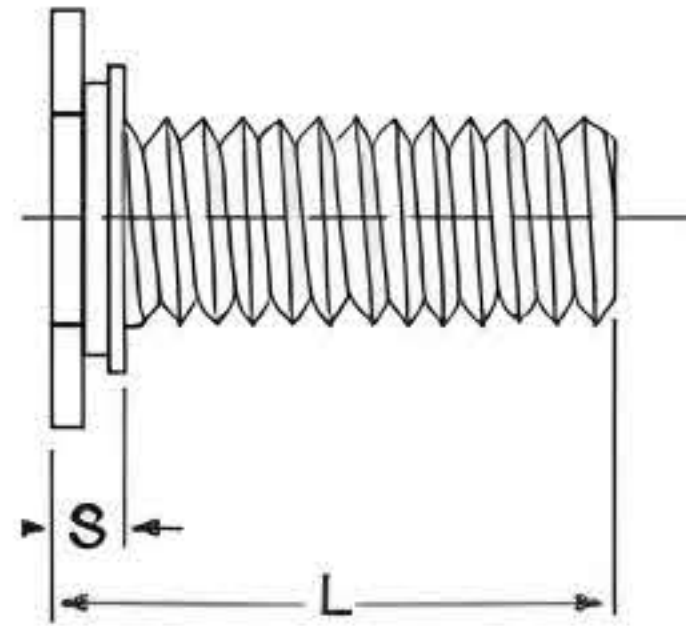
METRIC (公制)	螺纹尺寸 Thread Size	型号TYPE			螺纹码 Thread Code	长度码 Length~L~+.002 -.005 (Length Code in 32nds of an inch)										最小板厚 Min. Sheet Thick-ness	安装孔 Hole Size in Sheet +0.08	安装后最大接触孔 Max Holi in Attach Parts	H ±.015	S Max.	最小边距 Min. Dist Hole C/L TO Edge
		钢 Steel	不锈钢 Stainless	铝 Aluminum																	
	M2.5×0.45	FH	FHS	FHA	M2.5	6	8	10	12	15	18	N/A	N/A	N/A	N/A	1	2.5	3.1	4.1	1.95	5.4
	M3×0.5	FH	FHS	FHA	M3	6	8	10	12	15	18	20	25	NA	N/A	1	3	3.6	4.6	2.1	5.6
	M3.5×0.6	FH	FHS	FHA	M3.5	6	8	10	12	15	18	20	25	30	N/A	1	3.5	4.1	5.3	2.25	6.4
	M4×0.7	FH	FHS	FHA	M4	6	8	10	12	15	18	20	25	30	35	1	4	4.6	5.9	2.4	7.2
	M5×0.8	FH	FHS	FHA	M5	N/A	8	10	12	15	18	20	25	30	35	1	5	5.6	6.5	2.7	7.2
	M6×1	FH	FHS	FHA	M6	N/A	N/A	10	12	15	18	20	25	30	35	1.6	6	6.6	8.2	3	7.9
	M8×1.25	FH	FHS	FHA	M8	N/A	N/A	N/A	12	15	18	20	25	30	35	2.4	8	8.6	9.6	3.7	9.6

Part Number Designation

NFH - M3 - 6

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Type and Thread Length
Material Code Code



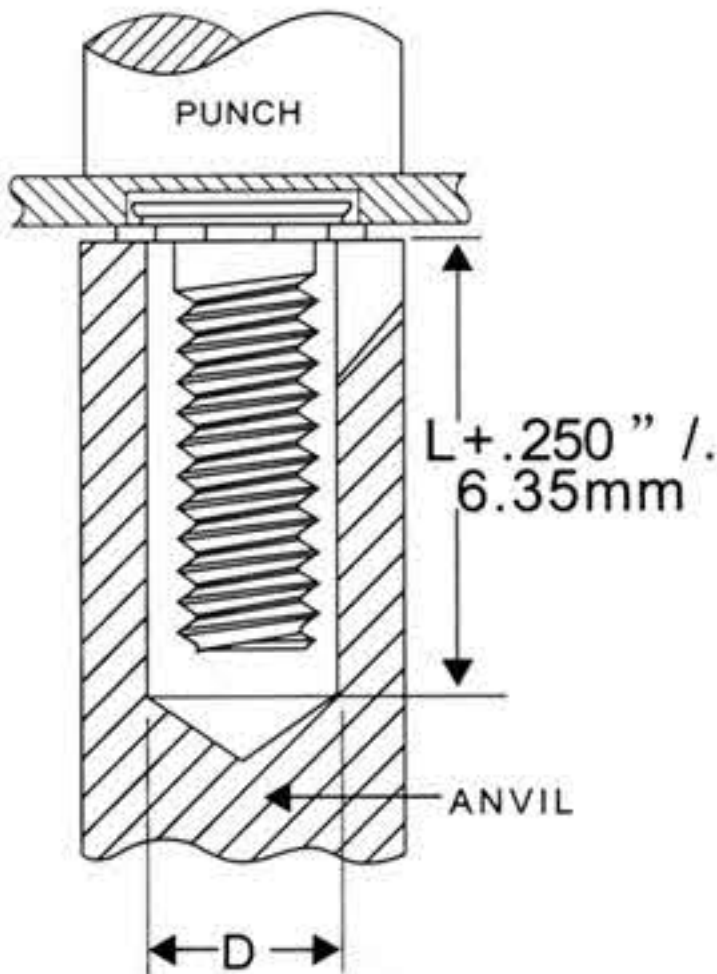
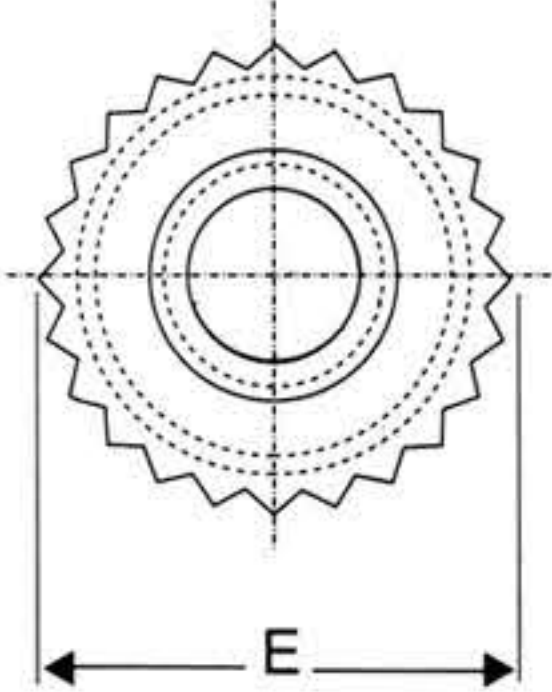
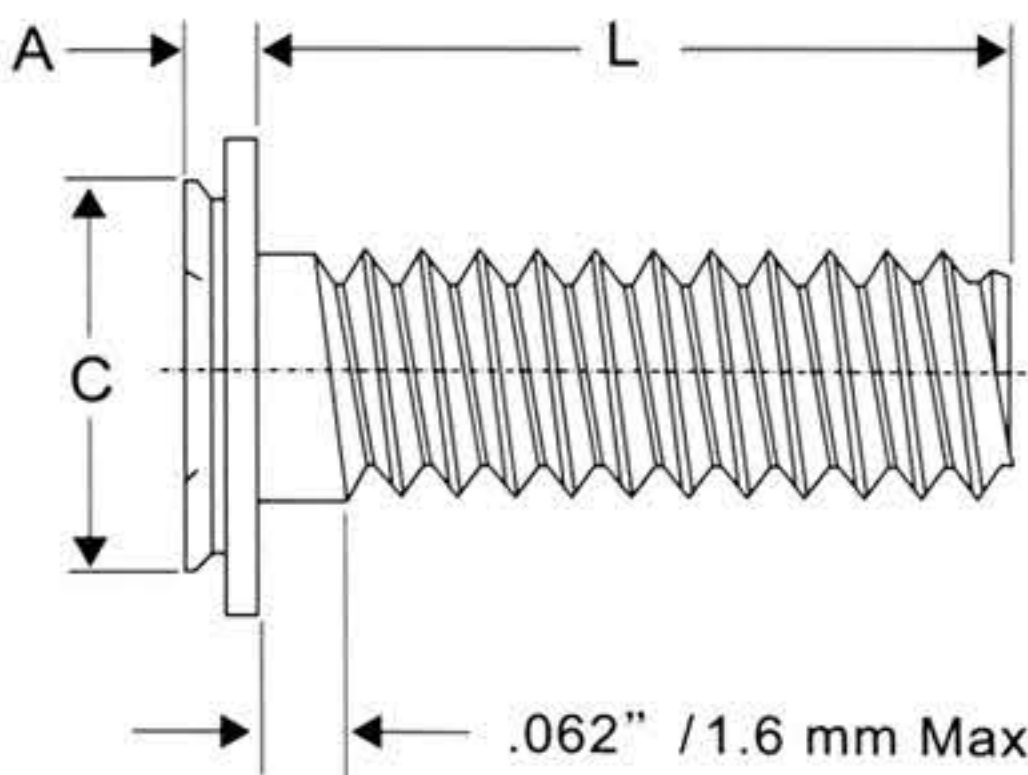
All dimensions are in Millimeters.

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. +0.003 -0.000	H ±0.4	S Max.	最小边距 Min. dist. hole C/L to Edge	
		碳钢 Steel	不锈钢 Stainless															
	M3x0.5	NFH	NFHS	M3	6	8	10	12	14	16	18	20	NA	1.0	4.8	6.0	1.25	5.4
	M4x0.7	NFH	NFHS	M4	NA	NA	10	12	14	16	18	20	25	1.0	4.8	6.0	1.25	7.2
	M5x0.8	NFH	NFHS	M5	NA	NA	NA	12	14	16	18	20	25	1.2	5.0	6.35	1.25	7.2
	M6x1.0	NFH	NFHS	M5	NA	NA	NA	12	14	16	18	20	25	1.6	6.0	7.0	1.4	7.9

Part Number Designation

CHC - 632 - 6

Type and Material Thread Code Length 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)	A Max.	E ±.010	C Max.	最小边距 Min. dist. hole C/L to Edge	安装后最大接触孔 Max. hole in attached parts
		铝 Aluminum	不锈钢 Stainless		.250	.375	.500	.625	.750	1.00								
		CHA	CHC															
	.112-40 (#4-40)	CHA	CHC	440	4	6	8	10	12	NA	.062	.172	.043	.041	.205	.171	.156	.135
		CFHA	CFHC								.093		.075	.071				
	.138-32 (#6-32)	CHA	CHC	632	4	6	8	10	12	16	.062	.213	.043	.041	.250	.212	.188	.160
		CFHA	CFHC								.093		.075	.071				
	.164-32 (#8-32)	CHA	CHC	832	4	6	8	10	12	16	.062	.290	.043	.041	.328	.289	.219	.185
		CFHA	CFHC								.093		.075	.071				
	.190-32 (#10-32)	CHA	CHC	032	NA	6	8	10	12	16	.062	.312	.043	.041	.350	.311	.250	.210
		CFHA	CFHC								.093		.075	.071				

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)	A Max.	E ±.010	C Max.	最小边距 Min. dist. hole C/L to Edge	安装后最 大接触孔 Max. hole in attached parts
		铝 Aluminum	不锈钢 Stainless																
	M3x0.5	CHA	CHC	M3	6	8	10	12	16	20	NA	0.6	4.37	1.1	1.04	5.21	4.35	4	3.6
		CFHA	CFHC									2.4		1.91	1.8				
	M4x0.7	CHA	CHC	M4	6	8	10	12	16	20	25	1.6	7.37	1.1	1.04	8.33	7.35	5.6	4.6
		CFHA	CFHC									2.4		1.91	1.8				
	M5x0.8	CHA	CHC	M5	NA	NA	10	12	16	20	25	1.6	7.93	1.1	1.04	8.89	7.9	6.4	5.6
CFHA		CFHC	2.4									1.91		1.8					



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THANK
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