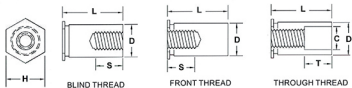


TOP SCREW METAL CORP.

螺峯金屬工業股份有限公司



TSC 1 Self-Clinching Standoffs TSC 1 壓鑄螺母



INSTALLATION & PERFORMANCE DATA										
SHEET MATERIAL: 1.5mm 5052-H34 ALUMINUM						SHEET MATERIAL: 1.5mm 5 COLD-ROLLED STEEL				
PART NO.	STANDOFF MATERIAL	INSTALLATION (kN)	PUSHOUT (N)	TORQUE-OUT (N·m)	PULL THROUGH (N)	INSTALLATION (kN)	PUSHOUT (N)	TORQUE-OUT (N·m)	PULL THROUGH (N)	REC TIGHTEN TORQUE MAX. (N·m)
350	STEEL	4.7	700	1.2	1230	9.6	990	2.1	1450	0.5
	STAINLESS STEEL	4.7	700	1.2	985	9.6	990	2.1	1150	0.4
	ALUMINUM	4.7	700	1.2	740	NR	NR	NR	NR	0.3
350B	STEEL	7.4	1310	2.79	1350	14.5	1850	3.9	1670	0.5
	STAINLESS STEEL	7.4	1310	2.79	1100	14.5	1850	3.9	1350	0.4
	ALUMINUM	7.4	1310	2.79	810	NR	NR	NR	NR	0.3
470 580	STEEL	10.5	1750	5.01	2550	17.6	2460	8.45	3100	1.9, 3.4
	STAINLESS STEEL	10.5	1750	5.01	2020	17.6	2460	8.45	2450	0.9, 2.7
	ALUMINUM	10.5	1750	5.01	1525	NR	NR	NR	NR	1.1, 2.1
SHEET MATERIAL: .060 IN. 5052-H34 ALUMINUM						SHEET MATERIAL: .060 IN. COLD-ROLLED STEEL				
PART NO.	STANDOFF MATERIAL	INSTALLATION (LBS.)	PUSHOUT (LBS.)	TORQUE-OUT (IN.-LBS.)	PULL THROUGH (LBS.)	INSTALLATION (LBS.)	PUSHOUT (LBS.)	TORQUE-OUT (IN.-LBS.)	PULL THROUGH (LBS.)	REC TIGHTEN TORQUE MAX. (IN.-LBS.)
440	STEEL	1075	155	10	270	2100	220	18	225	4.7
	STAINLESS STEEL	1075	155	10	220	2100	220	18	260	3.6
	ALUMINUM	1075	155	10	160	NR	NR	NR	NR	2.7
440B 632	STEEL	1680	290	24	300	3200	410	32	375	4.6, 8.6
	STAINLESS STEEL	1680	290	24	235	3200	410	32	300	3.6, 6.8
	ALUMINUM	1680	290	24	180	NR	NR	NR	NR	2.7, 5.1
632B 832 1032	STEEL	2350	380	44	560	3900	550	72	690	8.6, 17, 30
	STAINLESS STEEL	2350	380	44	450	3900	550	72	550	6.8, 13, 24
	ALUMINUM	2350	380	44	180	NR	NR	NR	NR	5.2, 10, 17

NR-NOT RECOMMENDED.
RECOMMENDED INSTALLATION PROCEDURE

1. INSERT STANDOFF THROUGH HOLE IN SHEET INTO ANVIL.

2. APPLY ONLY SUFFICIENT SQUEEZING FORCE BETWEEN PARALLEL SURFACES OF PUNCH AND ANVIL TO EMBED HEX HEAD FLUSH IN SHEET. AVOID EXCESSIVE PRESSURES.

TSC1

DIMENSIONS & SPECIFICATIONS															(MILLIMETERS)					
THREAD SIZE	PART NO.	L LENGTH + .05 / - .13										D DIM + .08 - .00	H HEX DIM + .00 - .13 (NOM.)	C COUNTER-BORE ± 0.13	MIN	MIN				
		M3x0.5	350	3	4	6	8	10	12	14	16						18	20	22	25
	350B	3	4	6	8	10	12	14	16	18	20	22	25	5.4	5.38	6.4	3.2	7.0	1.0	
M3.6x0.6	356	3	4	6	8	10	12	14	16	18	20	22	25	5.4	5.38	6.4	4.0	7.0	1.0	
M4x0.7	470	3	4	6	8	10	12	14	16	18	20	22	25	7.14	7.11	7.9	4.8	8.0	1.3	
M5x0.8	580	3	4	6	8	10	12	14	16	18	20	22	25	7.14	7.11	7.9	5.2	8.0	1.3	
S DIM. MIN.			3.2	4.0	5.0	6.5	9.5													
T ± 0.40		NONE			4.0			8.0			11.0									

DIMENSIONS & SPECIFICATIONS															(INCH)									
THREAD SIZE	PART NO.	L LENGTH + 0.002 / - 0.005										D DIM + .003 - .000	H HEX DIM + .000 - .005 (NOM.)	C COUNTER-BORE ± .005	MIN	MIN								
		#4-40	440	.125	.1875	.250	.3125	.375	.4375	.500	.5625						.625	.6875	.750	.8125	.875	.9375	1.0	1.0625
	440B	.125	.1875	.250	.3125	.375	.4375	.500	.5625	.625	.6875	.750	.8125	.875	.9375	1.0	1.0625	.213	.212	.25	.125	.27	.04	
#6-32	632	.125	.1875	.250	.3125	.375	.4375	.500	.5625	.625	.6875	.750	.8125	.875	.9375	1.0	1.0625	.213	.212	.25	.156	.27	.04	
	632B	.125	.1875	.250	.3125	.375	.4375	.500	.5625	.625	.6875	.750	.8125	.875	.9375	1.0	1.0625	.281	.280	.3125	.156	.31	.05	
#8-32	832	.125	.1875	.250	.3125	.375	.4375	.500	.5625	.625	.6875	.750	.8125	.875	.9375	1.0	1.0625	.281	.280	.3125	.188	.31	.05	
#10-32	1032	.125	.1875	.250	.3125	.375	.4375	.500	.5625	.625	.6875	.750	.8125	.875	.9375	1.0	1.0625	.281	.280	.3125	.203	.31	.05	
S DIM. MIN.	FULL THREAD		.1563	.1875	.25						.375													
T ± 0.0156	FULL THREAD				.1875			.3125			.4375													

ADVANTAGES OF CLINCHING PARTS:

1. LOW INSTALLED COSTS.
2. REVERSE SIDE OF METAL SHEET REMAINS FLUSH.
3. NO RETAPPING NECESSARY AFTER APPLICATION.

4. PROVIDE HIGH PUSHOUT AND TORQUE-OUT RESISTANCE.

5. MAY BE INSTALLED USING ANY PARALLEL ACTING SQUEEZING FORCE.
6. DO NOT REQUIRE SPECIAL HOLE PREPARATION, SUCH AS CHAMFERING AND DEBURRING

★ STANDOFFS :

USED WHERE IT IS NECESSARY TO STACK OR SPACE COMPONENTS AWAY FROM THE PANEL. THRU-THREADED OR BLIND TYPES ARE GENERALLY STANDARD.

擠壓扣件之優點：

1. 安裝擠壓扣件成本低。
2. 擠壓扣件具備高拉力&高扭力。
3. 安裝後擠壓扣件無重複攻牙之必要。
4. 擠壓扣件可在任何平行的施力下進行安裝。
5. 安裝擠壓扣件後金屬板的另一面能夠保持平整。
6. 安裝擠壓扣件不需要倒角或去毛邊之類的特殊鑽孔。

壓鑄螺母：

1. 適用在表層及內板須分隔開的組裝物件，如電子產品。
2. 透牙及盲孔為一般常用之規格。

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TOP SCREW METAL CORP.

螺峯金屬工業股份有限公司

TSC4 Self-Clinching Nuts



Fasteners must be installed squarely in hole.



Squeezing force is applied to head of fastener



Install bolt or screw from opposite side to head of fastener

DIMENSIONS & SPECIFICATIONS

(MILLIMETERS)

THREAD SIZE	PART NO.	D MAX.	MIN.	+0.000 -0.000	A MAX.	B ± 0.25	C ± 0.25	MIN.
M2x0.4	2401	0.76	0.8	4.25	4.22	6.3	1.5	4.8
	2402	0.97	1.0					
	2403	1.37	1.4					
	2404	2.21	2.3					
M2.5x0.45	2501	0.76	0.8	4.25	4.22	6.3	1.5	4.8
	2502	0.97	1.0					
	2503	1.37	1.4					
	2504	2.21	2.3					
M3x0.5	3501	0.76	0.8	4.25	4.22	6.3	1.5	4.8
	3502	0.97	1.0					
	3503	1.37	1.4					
	3504	2.21	2.3					
M3.5x0.6	3561	0.76	0.8	4.75	4.73	7.1	1.5	5.6
	3562	0.97	1.0					
	3563	1.37	1.4					
	3564	2.21	2.3					
M4x0.7	4701	0.76	0.8	5.4	5.38	7.9	2.0	6.9
	4702	0.97	1.0					
	4703	1.37	1.4					
	4704	2.21	2.3					
M5x0.8	5801	0.76	0.8	6.4	6.38	8.7	2.0	7.1
	5802	0.97	1.0					
	5803	1.37	1.4					
	5804	2.21	2.3					
M6x1.0	6101	1.37	1.4	8.75	8.72	11.05	4.08	8.6
	6102	2.21	2.3					
	6103	3.05	3.2					
	81251	1.37	1.4					
M8x1.25	81252	2.21	2.3	10.5	10.44	12.65	5.47	9.7
	81253	3.05	3.2					
	10151	2.21	2.3					
M10x1.5	10152	3.05	3.2	14.0	13.94	17.35	7.48	13.5
	10153	6.00	6.4					

DIMENSIONS & SPECIFICATIONS									(INCH)
THREAD SIZE	PART NO.	D MAX.	MIN.	+0.003 -0.000	A MAX.	B ± 0.01	C ± 0.01	MIN.	
#2-56	256-1	0.030	0.030	0.166	0.165	0.250	0.070	0.19	
	256-2	0.038	0.040						
	256-3	0.054	0.056						
	256-4	0.087	0.091						
#3-48	348-1	0.030	0.030	0.166	0.165	0.250	0.070	0.19	
	348-2	0.038	0.040						
	348-3	0.054	0.056						
	348-4	0.087	0.091						
#4-40	440-1	0.030	0.030	0.166	0.165	0.250	0.070	0.19	
	440-2	0.038	0.040						
	440-3	0.054	0.056						
	440-4	0.087	0.091						
#6-32	632-1	0.030	0.030	0.1875	0.187	0.281	0.070	0.22	
	632-2	0.038	0.040						
	632-3	0.054	0.056						
	632-4	0.087	0.091						
#8-32	832-1	0.030	0.030	0.213	0.212	0.312	0.090	0.27	
	832-2	0.038	0.040						
	832-3	0.054	0.056						
	832-4	0.087	0.091						
#10-24	1024-1	0.030	0.030	0.250	0.249	0.344	0.090	0.28	
	1024-2	0.038	0.040						
	1024-3	0.054	0.056						
	1024-4	0.087	0.091						
#10-32	1032-1	0.030	0.030	0.250	0.249	0.344	0.090	0.28	
	1032-2	0.038	0.040						
	1032-3	0.054	0.056						
	1032-4	0.087	0.091						
#12-24	1224-1	0.038	0.040	0.277	0.276	0.380	0.130	0.31	
	1224-2	0.054	0.056						
	1224-3	0.087	0.091						
1/4-20	420-1	0.054	0.056	0.344	0.343	0.437	0.170	0.34	
	420-2	0.087	0.091						
	420-3	0.120	0.125						
1/4-28	428-1	0.054	0.056	0.344	0.343	0.437	0.170	0.34	
	428-2	0.087	0.091						
	428-3	0.120	0.125						
5/16-18	518-1	0.054	0.056	0.413	0.412	0.500	0.230	0.38	
	518-2	0.087	0.091						
	518-3	0.120	0.125						
5/16-24	524-1	0.054	0.056	0.413	0.412	0.500	0.230	0.38	
	524-2	0.087	0.091						
	524-3	0.120	0.125						
3/8-16	316-1	0.087	0.091	0.500	0.499	0.562	0.270	0.44	
	316-2	0.120	0.125						
	316-3	0.235	0.250						
3/8-24	324-1	0.087	0.091	0.500	0.499	0.562	0.270	0.44	
	324-2	0.120	0.125						
	324-3	0.235	0.250						

Advantages of clinching parts:

1. Low installed costs.
2. Reverse side of metal sheet remains flush.
3. No retapping necessary after application.
4. Provide high pushout and torque-out resistance.
5. May be installed using any parallel acting squeezing force.
6. Do not require special hole preparation, such as chamfering and deburring.

鎖壓扣件之優點：

1. 安裝鎖壓扣件成本低。
2. 鎖壓扣件具備高拉力及高扭力。
3. 安裝後鎖壓扣件無須複攻牙之必要。
4. 鎖壓扣件可在任何平行的擠力下進行安裝。
5. 安裝鎖壓扣件後金屬板的另一面能夠保持平整。
6. 安裝鎖壓扣件不需要鉋角等的特殊鑽孔。

型號標母：

1. 有螺紋的鎖母強度較低(軟鋼)螺絲高，常被用於組裝時，需要高強度螺絲的裝配物件上。
2. 適用於表層及內板部分相關的組裝物件，如電子產品。
3. 鎖母及盲孔為一般常用之規格。

★ Nuts : nuts with thread strengths greater than mild steel screws are commonly used wherever strong internal

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Self-Clinching TSC6 Studs

INSTALLATION & PERFORMANCE DATA					
		<p>NOTE 1.</p> <p>FOR MATERIAL THICKNESS OF 0.059 IN (1.51MM) OR LESS, A COUNTERSUNK HOLE IS NEEDED IN THE ANVIL.</p> <p>TOOLING FOR SHEET THICKNESS 0.059 IN. (1.51MM) AND LESS WITH #2 (M2.5) THRU #10 (M5) THREAD SIZE AND LESS THAN 0.093 (2.3MM) FOR 1/4 IN. (M6) THREADS</p>			
		<p>NOTE 2.</p> <p>FOR MATERIAL THICKNESS OF 0.060 IN. (1.51MM) OR MORE, A THROUGH-HOLE IS NEEDED IN THE ANVIL.</p> <p>TOOLING FOR SHEET THICKNESS 0.060 IN. (1.51MM) MINIMUM AND GREATER WITH #2 (M2.5) THRU #10 (M5) THREAD SIZES AND 0.092 IN. (2.3MM) MINIMUM AND GREATER FOR 1/4 IN. (M6) AND 5/16 IN. (M8) THREADS.</p>			
PART NO. (MILLIMETERS)	ANVIL DIMENSIONS (MM)		PART NO. (INCH)	ANVIL DIMENSIONS (INCH)	
	X +0.1	Y +0.08		X +0.004	Y +0.003
2345	3.1	2.50	256	0.110	0.087
350	3.6	3.00	440	0.114	0.090
				0.136	0.113
356	4.1	3.50	632	0.140	0.116
				0.162	0.139
470	4.6	4.00	832	0.168	0.142
				0.188	0.165
580	5.6	5.00	1024	0.192	0.168
				0.216	0.191
610	6.6	6.00	1032	0.220	0.194
				0.216	0.191
825	-	8.00	420	0.295	0.250
				0.300	0.253
			518	-	0.3125
					0.3125

Advantages of clinching parts:

1. Low installed costs.
2. No retapping necessary after application.
3. Reverse side of metal sheet remains flush
4. Provide high pushout and torque-out resistance..
5. May be installed using any parallel acting squeezing force.
6. Do not require special hole preparation, such as chamfering and deburring.

擠壓扣件之優點：

1. 擠壓扣件可在任何平行的施力下進行安裝。
2. 擠壓扣件具備高拉力&高扭力。
3. 安裝擠壓扣件不需要倒角或去毛邊之類的特殊鑽孔。
4. 安裝擠壓扣件後金屬板的另一面能夠保持平整。
5. 安裝後擠壓扣件無重複攻牙之必要。
6. 安裝擠壓扣件成本低。

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TOP SCREW METAL CORP.

螺峯金屬工業股份有限公司



TSC 6 Self-Clinching Studs



DIMENSIONS & SPECIFICATIONS

(MILLIMETERS)

THREAD SIZE	PART NO.	L LENGTH ± 0.4												D ± 0.4	+0.08 -0.00	MAX. REC. NUT TIGHT. TORQUE N.m	MIN	MIN
		6	8	10	12	15	18											
M2.5x0.45	2545													4.1	2.5	0.40	5.4	1.0
M3x0.5	350													4.6	3.0	0.72	5.6	1.0
M3.5x0.6	356													5.3	3.5	1.10	6.4	1.0
M4x0.7	470													5.9	4.0	1.60	7.2	1.0
M5x0.8	580													6.5	5.0	3.40	7.2	1.0
M6x1.0	610													8.2	6.0	5.70	7.9	1.6
M8x1.25	8125													9.6	8.0	14.0	9.6	2.4

DIMENSIONS & SPECIFICATIONS

(INCH)

THREAD SIZE	PART NO.	L LENGTH ± 0.015												D ± 0.015	+0.003 -0.000	MAX. REC. NUT TIGHT. TORQUE IN.-LBS	MIN	MIN
		0.250	0.3125	0.375	0.500	0.625	0.750											
#2-56	256	0.250	0.3125	0.375	0.500	0.625	0.750							0.144	0.085	2.5	0.187	0.040
#4-40	440	0.250	0.3125	0.375	0.500	0.625	0.750	0.875	1.00					0.176	0.111	5	0.219	0.040
#6-32	632	0.250	0.3125	0.375	0.500	0.625	0.750	0.875	1.00	1.25	1.50			0.208	0.137	10	0.250	0.040
#8-32	832	0.250	0.3125	0.375	0.500	0.625	0.750	0.875	1.00	1.25	1.50	1.75		0.237	0.163	15	0.281	0.040
#10-24	1024		0.3125	0.375	0.500	0.625	0.750	0.875	1.00	1.25	1.50			0.256	0.169	25	0.281	0.040
#10-32	1032		0.3125	0.375	0.500	0.625	0.750	0.875	1.00	1.25	1.50			0.256	0.169	30	0.281	0.040
1/4-20	420			0.375	0.500	0.625	0.750	0.875	1.00	1.25	1.50			0.337	0.249	55	0.312	0.062
5/16-18	518				0.500	0.625	0.750	0.875	1.00	1.25	1.50			0.376	0.311	115	0.375	0.093

Material : steel, stainless steel

TSC6之材質：鐵、白鐵。

★ Studs :

Externally threaded fasteners which are used where the attachment must be positioned before being fastened.

植入螺絲 (螺絲) :

外螺紋扣件 - 適用在組裝前必須先定位的產品。

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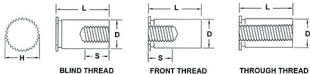
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TOP SCREW METAL CORP.

螺峯金屬工業股份有限公司



TSC5 Self-Clinching
Lock Nuts

DIMENSIONS & SPECIFICATIONS										(MILLIMETERS)			
THREAD SIZE	L LENGTH ± 0.20									H ± 0.20	+0.08 -0.00	D +0.00 -0.08	MIN
	4	6	8	10	12	14	16	18	20				
M3.5x0.6										7.20	6.19	6.18	1.0
M4x0.7										8.20	7.20	7.18	1.0
M5x0.8										8.20	7.20	7.18	1.0
S	2	3	4	6	8	8	8	8	8				

Advantages of clinching parts:

1. May be installed using any parallel acting squeezing force.
2. Provide high pushout and torque-out resistance.
3. Do not require special hole preparation, such as chamfering and deburring.
4. Reverse side of metal sheet remains flush.
5. No retapping necessary after application.
6. Low installed costs.

★ Nuts : Nuts with thread strengths greater than mild steel screws are commonly used wherever strong internal Threads are needed for component attachment of fabrication assembly.

擠壓扣件之優點：

1. 擠壓扣件可在任何平行的施力下進行安裝。
2. 擠壓扣件具備高拉力&高扭力。
3. 安裝擠壓扣件不需要倒角或去毛邊之類的特殊鑽孔。
4. 安裝擠壓扣件後金屬板的另一面能夠保持平整。
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壓鎖螺母：

1. 有螺紋的螺帽強度較低碳鋼(軟鋼)螺絲高，常被用於組裝時，需要高強度螺牙的裝配物件上。
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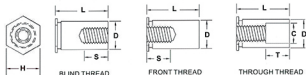
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TOP SCREW METAL CORP.

螺峯金屬工業股份有限公司



TSC7 Self-Clinching Standoffs

(for thin sheet metal)

DIMENSIONS & SPECIFICATIONS (MILLIMETERS)

THREAD SIZE	PART NO.	L LENGTH ± 0.08													D DIM +0.08 -0.00	S MIN. THREAD DEPTH +0.00 -0.13	H NOM.	MIN.	MIN.	
		TYPE S			TYPE ST			TYPE SC												
		2	3	4	6	8	10	12	14	16	18	19								
M2.5x0.45	2545														4.2	4.19	5.2	4.8	0.63	5.8
	2545B														5.4	5.38		6.4	0.63	7.1
M3.0x0.50	350														4.2	4.19	6.2	4.8	0.63	5.8
	350B														5.4	5.38		6.4	0.63	7.1
M3.5x0.60	356														5.4	5.30	7.0	6.4	0.63	7.1

DIMENSIONS & SPECIFICATIONS (INCH)

THREAD SIZE	PART NO.	L LENGTH ± 0.08													D DIM +0.08 -0.00	S MIN. THREAD DEPTH +0.00 -0.13	H NOM.	MIN.	MIN.
		TYPE S			TYPE ST			TYPE SC											
		2	3	4	6	8	10	12	14	16	18	19							
#2-56	256	0.09	0.125	0.187	0.250	0.312	0.375	0.437	0.500	0.562	0.625	0.687	0.750	0.168	0.165	0.200	0.187	0.025	0.23
	256B													0.213	0.212		0.250	0.025	0.27
#4-40	440	0.09	0.125	0.187	0.250	0.312	0.375	0.437	0.500	0.562	0.625	0.687	0.750	0.168	0.165	0.220	0.187	0.025	0.23
	440B													0.213	0.212		0.250	0.025	0.27
#6-32	632	0.09	0.125	0.187	0.250	0.312	0.375	0.437	0.500	0.562	0.625	0.687	0.750	0.213	0.212	0.270	0.250	0.025	0.27

INSTALLATION & PERFORMANCE DATA

DIMENSION	0.025 IN. (0.64MM) 5052-H34 ALUMINUM						0.025 IN. (0.64MM) COLD-ROLLED STEEL					
	INSTALLATION (kN)		PUSHOUT (N)		TORQUE-OUT (N_m)		INSTALLATION (kN)		PUSHOUT (N)		TORQUE-OUT (N_m)	
	LBS.	KN	LBS.	N	IN. LBS.	N_m	LBS.	KN	LBS.	N	IN. LBS.	N_m
0.165 IN. (4.19MM)	15000	6.7	70	311	6	0.068	2000	8.9	100	445	9	1
0.212 IN. (5.38MM)	18000	8	90	400	11	1.24	2500	11.1	150	667	15	1.7







STANDOFF DIMENSION	ANVIL DIMENSIONS			
	A		B	
	INCHES	MM	INCHES	MM
0.165 IN. / 4.19MM	0.167-0.170	4.24-4.32	0.187-0.194	4.75-4.93
0.212 IN. / 5.38MM	0.213-0.216	5.41-5.49	0.250-0.257	6.35-6.53

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

INSTALLATION & PERFORMANCE DATA

(MILLIMETERS)

THREAD SIZE	MIN.	COLD-ROLLED STEEL			5052-H34 ALUMINUM		
							
		INSTALLATION FORCE (kN)	PUSHOUT (N)	TORQUE-OUT (N_m)	INSTALLATION FORCE (kN)	PUSHOUT (N)	TORQUE-OUT (N_m)
M3x0.5	1.0	11	560	1.5	7	440	1.4
M4x0.7	1.0	15	660	3.4	9	490	2.8
M5x0.8	1.0	17	620	4.0	10	490	3.8
M6x1.0	1.6	25	1780	11.9	18	1400	11.3

INSTALLATION & PERFORMANCE DATA

(INCH)

THREAD SIZE	MIN.	COLD-ROLLED STEEL			5052-H34 ALUMINUM		
							
		INSTALLATION FORCE (LBS.)	PUSHOUT (LBS.)	TORQUE-OUT (IN.-LBS.)	INSTALLATION FORCE (LBS.)	PUSHOUT (LBS.)	TORQUE-OUT (IN.-LBS.)
#4-40	0.040	2500-2700	125	13	1500-1600	100	12
#6-32	0.040	3000-3100	130	38	1850	105	17
#8-32	0.040	3400-3600	135	30	2000	110	25
#10-32	0.040	4000	140	35	2100	110	34
#1/4-20	0.062	6000	400	105	4000	315	100

TSC 8 blind pressed nuts

Advantages of clinching parts:

1. May be installed using any parallel acting squeezing force.
2. Provide high pushout and torque-out resistance.
3. Do not require special hole preparation, such as chamfering and deburring.
4. Reverse side of metal sheet remains flush.
5. No retapping necessary after application.
6. Low installed costs.

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盲孔的壓鑄螺母是用來增長薄金屬板的螺紋長度，他能夠隔絕微塵、油垢、濕氣和空氣的鏽蝕，比起需要精密焊接和特殊組裝程序的螺帽和螺絲型的五金，使用壓鑄螺母顯得更加簡便。

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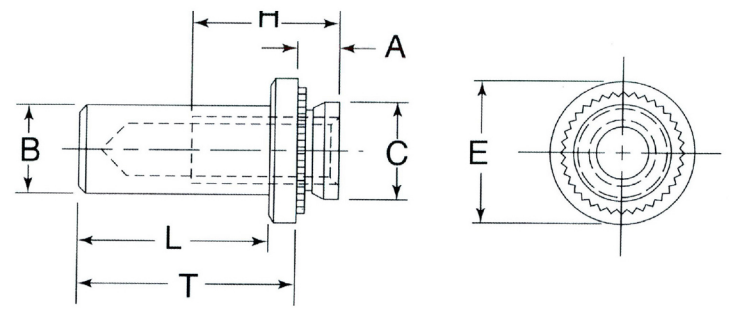
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螺峯金屬工業股份有限公司



TSC8 Blind Pressed Nuts



DIMENSIONS & SPECIFICATIONS											(MILLIMETERS)	
THREAD SIZE	PART NO.	BARREL DIA. B MAX.	MIN.	+0.08 -0.00	SHANK DIA. C MAX.	L MAX.	A MAX.	E ±0.25	T ±0.25	MIN.	H DEPTH FULL THREAD MIN.	
M3x0.5	3501	3.8	1.0	4.25	4.22	8.5	0.97	6.35	9.6	4.8	5.3	
	3502		1.4				1.37					
M4x0.7	4701	5.2	1.0	5.40	5.38	9.8	0.97	7.95	11.2	6.9	7.1	
	4702		1.4				1.37					
M5x0.8	5801	6.0	1.0	6.40	6.38	9.8	0.97	8.75	11.2	7.1	7.1	
	5802		1.4				1.37					
M6x1.0	6101	7.8	1.4	8.75	8.72	12.7	1.37	11.10	14.3	8.6	7.8	
	6102		2.3				2.21					

DIMENSIONS & SPECIFICATIONS											(INCH)	
THREAD SIZE	PART NO.	BARREL DIA. B MAX.	MIN.	+0.003 -0.000	SHANK DIA. C MAX.	L MAX.	A MAX.	E ±0.01	T ±0.01	MIN.	H DEPTH FULL THREAD MIN.	
#4-40	4401	0.149	0.040	0.166	0.165	0.335	0.038	0.25	0.38	0.19	0.21	
	4402		0.056				0.054					
#6-32	6321	0.169	0.040	0.187	0.186	0.335	0.038	0.28	0.38	0.22	0.23	
	6322		0.056				0.054					
#8-32	8321	0.204	0.040	0.213	0.212	0.385	0.038	0.31	0.44	0.27	0.28	
	8322		0.056				0.054					
#10-32	10321	0.235	0.040	0.250	0.249	0.385	0.038	0.34	0.44	0.28	0.28	
	10322		0.056				0.054					
1/4-20	4201	0.305	0.056	0.344	0.343	0.500	0.054	0.43	0.56	0.34	0.31	
	4202		0.090				0.087					

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