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Mech



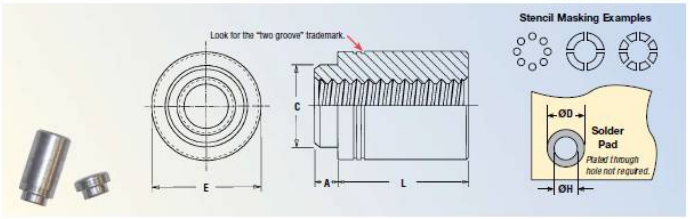
Manufacturers

https://www.we-online.com/catalog/en/SMSI_SMT_STEEL_SPACER_M3_THREAD_INTERNAL	Wurth	Germany
https://aliexpress.ru/item/1005002383825135.html?sku_id=12000020450953128	Fotsbon	China

SMD NUT

9774025243R	SMTSO-M2-2.5
9774070151R	SMTSO-M2.5-7
9774025151R	SMTSO-M2.5-2.5
9774015151R	SMTSO-M2.5-1.5

TYPE SMTSO ReelFast® SMT SPACERS/NUTS



All dimensions are in inches.

	Thread Size	Thru Hole +.004 –.003	Type	Thread or Thru Hole Code	Length Code "L" ±.005 (Length code in 32nds of an inch) .062	.125	.250	.375	Min. Sheet Thickness	A Max.	C Max.	E ±.005	ØH Hole Size In Sheet +.003 –.000	ØD Min. Solder Pad
UNIFIED	.086-56 (#2-56)	—	SMTSO	2s6	2	4	8	12	.060	.050	.142	.219	.147	.244
	.112-40 (#4-40)	—	SMTSO	440	2	4	8	12	.060	.050	.161	.219	.166	.244
	.138-32 (#6-32)	—	SMTSO	632	2	4	8	12	.060	.050	.208	.281	.213	.306
	.164-32 (#8-32)	—	SMTSO	832	2	4	8	12	.060	.050	.245	.344	.25	.369
	—	.116	SMTSO	116	2	4	8	12	.060	.050	.161	.219	.166	.244
	—	.143	SMTSO	143	2	4	8	12	.060	.050	.208	.281	.213	.306

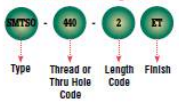
All dimensions are in millimeters.

	Thread Size x Pitch	Thru Hole +0.10 –0.08	Type	Thread or Thru Hole Code	Length Code "L" ±0.13 (Length code in millimeters)						Min. Sheet Thickness	A Max.	C Max.	E ±0.13	ØH Hole Size In Sheet +0.08	ØD Min. Solder Pad
METRIC	M2 x 0.4	—	SMTSO	M2	2	3	4	6	8	10	1.53	1.53	3.6	5.96	3.73	6.2
	M2.5 x 0.45	—	SMTSO	M25	2	3	4	6	8	10	1.53	1.53	4.09	5.96	4.22	6.2
	M3 x 0.5	—	SMTSO	M3	2	3	4	6	8	10	1.53	1.53	4.09	5.96	4.22	6.2
	M3.5 x 0.6	—	SMTSO	M35	2	3	4	6	8	10	1.53	1.53	5.28	7.14	5.41	7.77
	M4 x 0.7	—	SMTSO	M4	2	3	4	6	8	10	1.53	1.53	6.22	8.74	5.36	9.37
	—	3.6	SMTSO	3.6	2	3	4	6	8	10	1.53	1.53	5.28	7.14	5.41	7.77
	—	4.2	SMTSO	4.2	2	3	4	6	8	10	1.53	1.53	6.22	8.74	5.36	9.37

Number Of Parts Per Reel / Pitch (mm) For Each Size

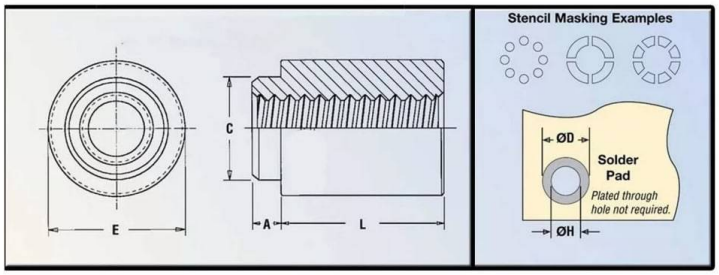
Thread/Thru-Hole Size	Length Code 2	3	4	6	8	10	12
2s6, 440, 632, 116, 143	1500 / 12	—	1000 / 12	—	650 / 12	—	300 / 16
832	1100 / 16	—	800 / 16	—	500 / 16	—	300 / 16
M2, M2s, M3, M3s, 3.6	1500 / 12	1000 / 12	900 / 12	650 / 12	375 / 16	300 / 16	—
M4, 4.2	1100 / 16	800 / 16	675 / 16	500 / 16	375 / 16	300 / 16	—

Part Number Designation



Packaged on 13" recyclable reels. Tape width is 24mm. Supplied with Kapton® patch for vacuum pick up. Reels conform to EIA-481.

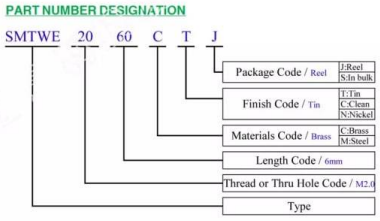
MATERIAL: Carbon Steel.
STANDARD FINISH: ET - Electro Plated Bright Tin, ASTM B 545, Class A W/ Clear Preservative Coating.
OPTIONAL FINISH: DT - Matte Electro-Tin ASTM B 545, Class A W/ Clear Preservative Coating, Annealed.
THREADS: Internal, ANSI B1.1 2B ANSI/ASME B1.13M, 6H



All dimensions are in millimeters.

Thread Size x Pitch	Thru Hole	Type	Thread or Thru Hole Code	Length Code"L"±0.13 (Length code in millimeters)																A ±0.10	C ±0.10	E ±0.13	∅H Hole Size In Sheet ±0.08	∅D Min.Solder Pad
M2x0.4	—	SMTWE	20	1	1.5	2	2.5	3	3.5	4	4.5	5	6	7	8	—	—	—	—	1.40	2.8	4.35	3	5.3
M2.5x0.45	—	SMTWE	25	1	1.5	2	2.5	3	3.5	4	4.5	5	6	7	8	10	—	—	—	1.40	3.5	5.1	3.7	6
M3x0.5	—	SMTWE	30	1	1.5	2	2.5	3	3.5	4	4.5	5	6	7	8	10	11	12	13	14	15	1.40	4.2	6	4.4	7.4
M4x0.7	—	SMTWE	40	1	—	2	—	3	—	4	—	5	6	7	8	10	11	12	13	14	15	1.40	5.2	8.2	5.4	9.4
—	2.35	SMTWE	22	1	1.5	2	2.5	3	3.5	4	4.5	5	6	7	8	10	—	—	—	—	—	1.40	2.8	4.35	3	5.3
—	2.7	SMTWE	27	1	1.5	2	2.5	3	3.5	4	4.5	5	6	7	8	10	—	—	—	—	—	1.40	3.5	5.1	3.7	6
—	3.3	SMTWE	33	1	1.5	2	2.5	3	3.5	4	4.5	5	6	7	8	10	—	—	—	—	—	1.50	4.2	6	4.4	7.4
—	4.5	SMTWE	45	1	—	2	—	3	—	4	—	5	6	7	8	10	—	—	—	—	—	1.70	5.2	8.2	5.4	9.4







Втулки, стойки

RUICHI	https://ruelectronics.com/ustanovochnye-izdeliya/stojki-dlya-pechatnyh-plat/

Световоды

«АЯКС»:
https://m-kontakt.ru/produkt/opoveschateli/svetovody

Тактовые кнопки

RUICHI	https://ruelectronics.com/kommutatsiya/taktovye-knopki/