Antistatic Urethane Sheets, Low Rebound Urethane Sheets

■General Urethane becomes statically charged due to its insulation property and collects dusts. Antistatic Urethane decreases charging.

A, B Configurable Type No Adhesive	Material	Hardness	Color
UTSHNE	Antistatic Urethane (Ether Polyurethane)	Shore A90	Gray
UTSME	Antistatic Urethane (Ester Polyurethane)	Shore A70	
UTSLE		Shore A50	
LUTN	Low Rebound Urethane (Ester Polyurethane)	Shore A70	

Properties of Low Rebound Urethane ☞P.389

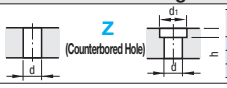
■Characteristic Values of Antistatic Urethane

Specific Volume Resistivity	$2.1\times10^{8}\Omega\cdot cm$
Surface Resistivity	$4.0\times10^{9}\Omega$

(Conditions: Temperature 30°C Humidity 60%)
All other properties are equal to those of urethane of the same hardness.

Hole Machining Details

N (Through Hole) Z (Counterbored Hole)



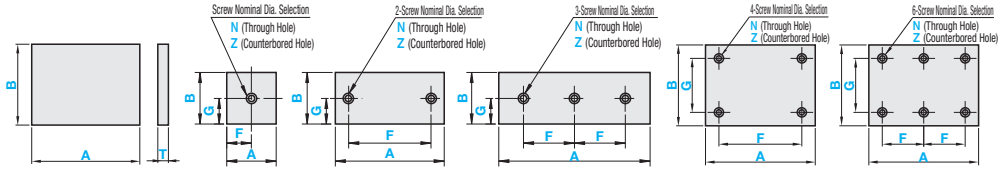
Screw Nominal Dia.	3	4	5	6	8	10
d	3.5	4.5	5.5	6.5	9	12
d1	6.5	8	9.5	11	14	17.5
h	3.5	4.5	5.5	6.5	9	11

■A, B Configurable Type

Standard

Hole Type

1-Hole 1H (Screw Nominal Dia. Selection; N (Through Hole) Z (Counterbored Hole))
2-Hole 2H (2-Screw Nominal Dia. Selection; N (Through Hole) Z (Counterbored Hole))
3-Hole 3H (3-Screw Nominal Dia. Selection; N (Through Hole) Z (Counterbored Hole))
4-Hole 4H (4-Screw Nominal Dia. Selection; N (Through Hole) Z (Counterbored Hole))
6-Hole 6H (6-Screw Nominal Dia. Selection; N (Through Hole) Z (Counterbored Hole))



■Accuracy Standards

T Tolerance

T	Tolerance
1~4	±0.3
5~10	±0.4
15~30	±0.5

A, B Tolerance

A, B	Tolerance
200 or Less	±0.5
201~300	±1.0
301~400	±1.2
401~500	±1.5

■A, B Configurable - Standard Type

Part Number Type		T	1mm Increment A	1mm Increment B
UTSHNE	(Antistatic, Shore A90)	1	10~500 (for LUTN 10~250)	10~500 (for LUTN 10~250)
UTSME	(Antistatic, Shore A70)	2		
UTSLE	(Antistatic, Shore A50)	3		
LUTN	(Low Rebound, Shore A70)	4		
		*5		
		6		
		8		
		*10		
		*15		
		*20		
		*25		
		*30		

T Dimensions of LUTN are * marked sizes only. A≥B≥T

Ordering Example

■A, B Configurable Type

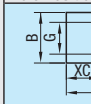
Part Number - A - B - F - G - Screw Nominal Dia.

UTSHNE8 - 300 - 200
UTSHNE4H8 - 200 - 150 - F140 - G120 - N5

Alterations

Part Number - A - B - F - G - Screw Nominal Dia. - (XC, YC)

UTSHNE4H25 - 100 - 80 - F60 - G20 - Z5 - YC40

Alterations	Hole Position from Left	Hole Position from Bottom
		
Code	XC	YC
Spec.	XC=1mm Increment 5≤XC≤486 (Up to 236 for LUTN) (2H, 4H Types) d(d1)/2+2.5≤XC≤A-F-d(d1)/2-2.5 (3H, 6H Types) d(d1)/2+2.5≤XC≤A-2F-d(d1)/2-2.5	YC=1mm Increment 5≤YC≤486 (Up to 236 for LUTN) d(d1)/2+2.5≤YC≤B-G-d(d1)/2-2.5

■A, B Configurable - Hole Type

Part Number Type		Nominal	T	1mm Increment (A≥B≥T) A	1mm Increment (A≥B≥T) B	0.5mm Increment F	0.5mm Increment G	Screw Nominal Dia. Selection N (Through Hole)	Screw Nominal Dia. Selection Z (Counterbored Hole)
UTSHNE	(Antistatic, Shore A90)	1H	1	25~500 (for LUTN 25~250)	25~500 (for LUTN 25~250)	5~495 (for LUTN 5~245) (1H Type)	5~495 (for LUTN 5~245) (1H, 2H, 3H Types)	3	-
UTSME	(Antistatic, Shore A70)	2H	2					4	-
UTSLE	(Antistatic, Shore A50)		3					5	-
LUTN	(Low Rebound, Shore A70)	3H	4			9~491 (for LUTN 9~241) (2H, 4H Types)	9~491 (for LUTN 9~241) (4H, 6H Types)	6	-
			*5					8	3
		4H	6					10	4
			8						5
			*10						6
			*15						8
		6H	*20			9~245 (for LUTN 9~120) (3H, 6H Types)			10
			*25						
			*30						

■Hole Machining Charge

Hole Type	Screw Nominal N (Through Hole)	Screw Nominal Z (Counterbored Hole)
1H		
2H		
3H		
4H		
6H		

The price of the Hole Type is found by adding the standard type unit price and the hole machining charge.

(Ex.) Part Number - A - B - F - G - Screw Nominal Dia.

UTSHNE4H10 - 500 - 400 - F240 - G160 - N8

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(Standard Type Unit Price) + (Hole Machining Charge) = Hole Type Unit Price

T Dimensions of LUTN are * marked sizes only. A≥B≥T
Dimension F Specification Range: For 1H: d(d1)/2+2.5≤F≤A-d(d1)/2-2.5; for 2H, 4H:d(d1)+5≤F≤A-d(d1)-5, for 3H, 6H: d(d1)+5≤F≤A/2-d(d1)/2-2.5.
Dimension G Specification Range: For 1H, 2H, 3H: d(d1)/2+2.5≤G≤B-d(d1)/2-2.5, for 4H, 6H: d(d1)+5≤G≤B-d(d1)-5. (d for through holes, d1 for counterbored holes.)

■A, B Configurable Type

Part Number Type	T	A	Unit Price B 10~100	101~200	201~300	301~400	401~500
UTSHNE (x0.8) UTSME (x1.2) UTSLE (x1.2) LUTN (x1.3) ( ) Material Multiplier	1	10~100		-	-	-	-
		101~200					
		201~300					
		301~400					
		401~500					
	2	10~100		-	-	-	-
		101~200					
		201~300					
		301~400					
		401~500					
	3	10~100		-	-	-	-
		101~200					
		201~300					
		301~400					
		401~500					
	4	10~100		-	-	-	-
		101~200					
		201~300					
		301~400					
		401~500					
	5	10~100		-	-	-	-
		101~200					
		201~300					
		301~400					
		401~500					
	6	10~100		-	-	-	-
		101~200					
		201~300					
		301~400					
		401~500					

Part Number Type	T	A	Unit Price B 10~100	101~200	201~300	301~400	401~500
UTSHNE (x0.8) UTSME (x1.2) UTSLE (x1.2) LUTN (x1.3) ( ) Material Multiplier	8	10~100		-	-	-	-
		101~200					
		201~300					
		301~400					
		401~500					
	10	10~100		-	-	-	-
		101~200					
		201~300					
		301~400					
		401~500					
	15	15~100		-	-	-	-
		101~200					
		201~300					
		301~400					
		401~500					
	20	20~100		-	-	-	-
		101~200					
		201~300					
		301~400					
		401~500					
	25	25~100		-	-	-	-
		101~200					
		201~300					
		301~400					
		401~500					
	30	30~100		-	-	-	-
		101~200					
		201~300					
		301~400					
		401~500					

The price of this product is the unit price shown in the table multiplied by material multiplier.

(Ex.) Part Number - A - B

UTSHNE10 - 500 - 400 >>

(Unit Price) x (Material Multiplier) = Unit Price of Standard Type